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FPSC - COMMISSION CLERK

FLORIDA PUBLIC SERVICE COMMISSION

EXHIBIT INDEX

FOR THE HEARING DATED 10/04/2022 IN DOCKET 20220143

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Docket No. 20220143-EI
Comprehensive Exhibit List for Entry into Hearing Record
(October 4, 2022)

EXH #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
STAFF HEARING EXHIBITS					
2	Marcia Olivier	Staff Exhibit 2	Duke Energy Florida, LLC [Duke Energy] - Petition for limited proceeding to implement return on equity trigger provision of the 2021 settlement agreement and Exhibits A-E. *(Bates No. 00001-00026)*	1, 2, 3, 4, and 5	
3	Marcia Olivier Joseph Phalen	Staff Exhibit 3	Letter dated 8/29/22, with attached response to staff's first data request. *(Bates No. 00027-01418)*	1, 2, 3, 4, and 5	
4	Marcia Olivier	Staff Exhibit 4	Letter dated 8/30/22, with attached revised response to staff's first data request, specifically question 14. *(Bates No. 01419-01421)*	4	
5	Joseph Phalen	Staff Exhibit 5	Letter dated 9/16/22, with response to staff's second data request. *(Bates No. 01422-01425)*	3	

Docket No. 20220143-EI Comprehensive Exhibit List for Entry into Hearing Record (October 4, 2022)					
EXH #	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
6	Marcia Olivier Joseph Phalen	Staff Exhibit 6	Notice dated 09/26/22 with attached affidavits for Marcia Olivier and Joseph Phalen for staff's first data request. *(Bates No. 01426-01430)*	1, 2, 3, 4, and 5	
7	Joseph Phalen	Staff Exhibit 7	Notice dated 09/27/22 with attached affidavit of Joseph Phalen for staff's second data request. *(Bates No. 01431-01434)*	3	

HEARING EXHIBITS				
Exhibit Number	**Witness**	**Party**	**Description**	**Moved In/Due Date of Late Filed**

HEARING EXHIBITS				
Exhibit Number	**Witness**	**Party**	**Description**	**Moved In/Due Date of Late Filed**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 2
PARTY: Staff Exhibit 2
DESCRIPTION: Duke Energy Florida, LLC [Duke Energy] - Petition for limited proceeding to implement return on equi...

2

Duke Energy Florida, LLC [Duke Energy] - Petition for limited proceeding to implement return on equity trigger provision of the 2021 settlement agreement

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Duke Energy Florida, LLC's Petition for a limited proceeding to implement return on equity trigger provision of 2021 Settlement Agreement	Docket No. Filed: August 12, 2022

DUKE ENERGY FLORIDA, LLC'S PETITION FOR A LIMITED PROCEEDING TO IMPLEMENT RETURN ON EQUITY TRIGGER PROVISION OF 2021 SETTLEMENT AGREEMENT

Duke Energy Florida, LLC ("DEF"), pursuant to Sections 120.57, 366.076(1), and 366.06(3), Florida Statutes ("F.S."), Rule 28-106.201, Florida Administrative Code ("F.A.C."), and the 2021 Settlement Agreement approved by the Florida Public Service Commission ("Commission") in Order No. PSC-2021-0202-AS-EI[1] (the "2021 Settlement"), hereby petitions the Florida Public Service Commission ("FPSC" or the "Commission") for a limited proceeding to implement the return on equity trigger provision of the 2021 Settlement. Specifically, pursuant to Paragraph 2(b) of the 2021 Settlement, DEF is authorized to file with the Commission to increase its Return on Equity ("ROE") by 25 basis points if the Treasury Bond rates increase. As explained further below and in the supporting exhibits filed with this Petition, the requirements of the trigger provision in Paragraph 2(b) were fully met on July 25, 2022, such that the 2021 Settlement permits the Company to increase base rates starting with the first billing cycle of October 2022. However, DEF proposes to voluntarily forgo this increase in 2022 and instead implement the base rate increase in January 2023.

[1] Docket No. 20210016-EI, issued on June 4, 2021.

DEF respectfully requests the Commission to consider this petition in a hearing in October, 2022.

In support of this Petition, DEF states:

Introduction

1. DEF is a Florida limited liability company with headquarters at 299 1st Avenue North, St. Petersburg, Florida 33701. DEF is an investor-owned utility operating under the jurisdiction of this Commission pursuant to the provisions of Chapter 366, Florida Statutes, and is a wholly-owned subsidiary of Duke Energy Corporation. DEF provides generation, transmission, and distribution service to approximately 1.9 million retail customers in Florida.

2. Any pleading, motion, notice, order, or other document required to be served upon DEF or filed by any party to this proceeding should be served upon the following individuals:

Dianne M. Triplett
Dianne.Triplett@duke-energy.com
Duke Energy Florida, LLC
299 1st Avenue North
St. Petersburg, FL 33701
(727) 820-4692/ (727) 820-5519 (fax)

Matthew R. Bernier
Matt.Bernier@duke-energy.com
Duke Energy Florida, LLC
106 E. College Avenue, Ste. 800
Tallahassee, FL 32301
(850) 521-1428 / (850) 521-1437 (fax)
Stephanie Cuello
Stephanie.Cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com
Duke Energy Florida, LLC
106 E. College Avenue, Ste. 800
Tallahassee, FL 32301
(850) 521-1425 / (850) 521-1437 (fax)

3. This Petition is being filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency's proposed action. Therefore, subparagraph (c) and portions of

subparagraphs (b), (e), (f), and (g) of subsection (2) of that rule are not applicable to this Petition. In compliance with subparagraph (d), DEF states that it is not known at this time which, if any, of the issues of material fact set forth in the body of this Petition may be disputed by any others who may plan to participate in this proceeding.

Summary of Exhibits

4. In support of this Petition, DEF offers the following Exhibits (which will be explained in more detail below):

- Exhibit A: Interest Rate Calculation
- Exhibit B: ROE Impact
- Exhibit C: AFUDC Rate
- Exhibit D: Uniform Percentage Increase
- Exhibit E: Summary of Tariff Changes

2021 Settlement Requirements

5. Paragraph 2(b) of the 2021 Settlement provides several requirements regarding the "Trigger." The relevant parts of Paragraph 2(b) that relate to the comparison of the bond yield rates, and the calculation of the new ROE, provide the following:

> If at any time during the Term, but no more than once during the Term, the average 30-year United States Treasury Bond yield rate for any period of six (6) consecutive months is at least 50 basis points greater than the yield rate on the date the Commission votes to approve this 2021 Settlement Agreement (the "Trigger"), DEF's authorized ROE shall, after an elective filing by DEF, be increased by 25 basis points to be within a range of 9.10% to 11.10% with a mid-point of 10.10% ("Revised Authorized ROE") from the Trigger Effective Date defined below for and through the remainder of the Term, and for any period in which the Company's rates continue in effect after December 31, 2024, and then, until the Commission issues a final order in a future proceeding changing the Company's rates and its authorized

> ROE…. The Trigger shall be calculated by summing the reported 30-year U.S. Treasury bond rates for each day over any continuous six-month period, e.g., January 1, 2022 through July 1, 2022, or March 17, 2022 through September 17, 2022, for which rates are reported, and dividing the resulting sum by the number of reporting days in such period.

6. The 2021 Settlement was approved by vote of the Commission on May 4, 2021. On May 7, 2021, DEF filed a notice in Docket No. 20210016-EI to reflect the 30-year United States Treasury Bond yield rate on May 4, 2021 (as provided in the above-cited section). That rate was 2.264%. Accordingly, the threshold for the Trigger is a Treasury Bond yield rate of 2.764%. As demonstrated in Exhibit A to this Petition, the Trigger is calculated by summing the reported 30-year U.S. Treasury bond rates for each day over the continuous six-month period of January 26, 2022, through July 25, 2022, and dividing the resulting sum by the number of reporting days in such period.

7. Because DEF has satisfied the requirements regarding the change in the U.S. Treasury bond yield rate, as demonstrated in Exhibit A, it is permitted to make a filing (this Petition) to increase its ROE by 25 basis points. This calculation is set forth in Paragraph 2(b) of the 2021 Settlement. Exhibit B to this Petition shows the calculation of the impact of the ROE Trigger revenue requirement increase on the most current May 2022 weather adjusted Earnings Surveillance Report ("ESR") ROE. The weather adjusted ESR ROE increases from 9.20% to 9.46% with the addition of the revenue cap authorized in the 2021 Settlement. The revenue cap would need to be adjusted downward to the extent that it would cause adjusted earnings to exceed the 10.10% midpoint of the new range. The May 2022 weather-adjusted ROE, with the impact of the trigger, of 9.46% is below the new ROE midpoint of 10.10%; therefore, no downward adjustment to the revenue cap is required.

8. Paragraph 2(b) further states:

> The effective date of the Revised Authorized ROE ("Trigger Effective Date") shall be the first day of the month following the day in which the Trigger is reached. If the Trigger is reached and the Revised Authorized ROE becomes effective, except as otherwise specifically provided in this Agreement, DEF's Revised Authorized ROE range and mid-point shall prospectively be used for the remainder of the Term for cost recovery clauses, earnings surveillance reporting, Paragraph 37 of this 2021 Settlement Agreement regarding an ROE adjustment, and AFUDC.

Effective August 1, 2022, the increased ROE of 10.10% shall apply to cost recovery clauses, earnings surveillance reporting (ESR), and AFUDC. While the base rate increase will not be implemented until January 2023, the clause WACC, AFUDC rate and ESR ROE will be adjusted in August 2022. The calculations of the AFUDC rates are reflected in Exhibit C to this Petition. The AFUDC rates have been recalculated by applying the revised ROE of 10.10% to the 13-month weighted average cost of capital as submitted with the 2021 Settlement for the test years 2022 and 2023 in MFR D-1a. The AFUDC rate for year 2022 increases from 6.09% to 6.20% and years 2023 and 2024 increases from 6.14% to 6.26%.

9. Paragraph 2(b) of the Settlement Agreement further provides, with respect to the calculation of uniform percentage increase:

> The uniform percentage increase shall be calculated using the billing determinants included in the Company's most recent projection clause filing unless otherwise agreed to by the Parties, with the understanding that the Intervenor Groups do not waive the right to challenge the accuracy and validity of the billing determinants.

The uniform percentage increase, provided in Exhibit D to this Petition, has been calculated using billing determinants based on the August 5, 2022, Energy Conservation Cost Recovery Clause

projection filing (Docket Number 20220002-EI), which is DEF's most recent projection clause filing. The tariff rates (including winter and summer residential rates) in effect as of January 2023 were applied to the 2022 spring sales forecast billing determinants, for the 12-month period January through December 2023, resulting in total base-rate revenue of $2,671.147 million before the base rate increase. The 2022 revenue cap increase divided by the total base-rate revenue using 2023 rates before the increase results in a uniform percentage base rate increase of 0.91%. Exhibit E to this Petition provides the requested tariff rate changes for the January 2023 increase. The January 2023 information also includes the multi-year increase authorized by Paragraph 3 of the 2021 Settlement.

10. DEF has also complied with the last part of Paragraph 2(b) of the 2021 Settlement, which provides:

> By seeking and receiving a rate increase under this Paragraph, DEF is affirming that it remains under this 2021 Settlement Agreement for the remainder of the Term, unless and until it subsequently invokes the provisions under Paragraph 37 to exit the 2021 Settlement Agreement. DEF cannot double count the impact of the Trigger and the ability to achieve a higher mid-point by virtue of Paragraph 37. For example, if application of the Trigger were to result in DEF earning below the new ROE floor, DEF must choose whether to utilize the Trigger mechanism or to avail itself of Paragraph 37 and exit the 2021 Settlement Agreement. The impact of any tax increase subject to deferral or increase under Paragraph 18 shall not be considered in the application of the Trigger.

DEF affirms that it remains under the 2021 Settlement Agreement, and it has not double counted to achieve a higher ROE mid-point. There has been no tax change per Paragraph 18, so no tax increase or deferral was considered in the application of the Trigger.

Effective Date of Requested Changes

11. The Parties, in Paragraph 2(b) also set forth the timing for the rate increase allowed if the Trigger is met:

> The Commission shall approve the Company's verified request for a uniform percentage rate increase to recover the designated revenue requirement pursuant to this Paragraph within sixty (60) days following the filing of the petition, and such rate increase will be effective with the first billing cycle following Commission approval.

12. DEF filed this Petition on August 12, 2022. Accordingly, DEF requests that the Commission approve the requested rate change within 60 days, or by October 12, 2022. However, to minimize customer impact and potential customer confusion created by multiple rate changes in a short period of time, rather than implementing this rate change in November 2022, DEF requests approval to postpone the rate change until the first billing cycle of January 2023, such that this rate modification can coincide with the implementation of new clause rates and the multi-year base rate increase permitted under paragraph 3 of the 2021 Settlement. DEF requests that the Commission give its Staff authority to administratively approve the tariff sheets that will effectuate the January 2023 increase, based on the information provided in Exhibit E to this Petition. DEF will provide that set of tariff sheets to reflect the January 2023 increase to Staff by October 31, 2022.

Conclusion

WHEREFORE, DEF respectfully requests that the Commission enter an order:

(1) finding that the "Trigger Effective Date," as that term is defined in the 2021 Settlement, is August 01, 2022;

(2) approving DEF's Revised Authorized ROE midpoint of 10.10 percent, as authorized in the 2021 Settlement and presented in this filing;

(3) approving DEF's calculation of AFUDC, as presented in Exhibit C;

(4) approving the revised base rates, as presented in Exhibit E to this petition; and

(5) providing its Staff authority to administratively approve the tariff sheets to reflect the January 2023 increases.

Respectfully submitted,

s/Matthew R. Bernier

DIANNE M. TRIPLETT
Deputy General Counsel
299 First Avenue North
St. Petersburg, FL 33701
T: 727. 820.4692
F: 727.820.5041
E: Dianne.Triplett@Duke-Energy.com

MATTHEW R. BERNIER
Associate General Counsel
106 E. College Avenue, Suite 800
Tallahassee, FL 32301
T: 850.521.1428
F: 727.820.5041
E: Matthew.Bernier@Duke-Energy.com

STEPHANIE A. CUELLO
Senior Counsel
106 East College Avenue
Suite 800
Tallahassee, Florida 32301
T: (850) 521-1425
F: (727) 820-5041
E: stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Attorneys for Duke Energy Florida, LLC

EXHIBIT A

Duke Energy Floirda, LLC
2021 Settlement - ROE Trigger
Interest Rate Calculation

Reported Rate: 30-year U.S. Treasury Bond Rates
Trigger: Average Rate (Pg 2 of 2, Col. (6), Line 63)) 2.7793%
Threshold: 2.264% + .50% = 2.7640%

	(1)	(2)	(3)	(4)	(5)	(6)
Line	**Date**	**Reported Rate**	**Date**	**Reported Rate**	**Date**	**Reported Rate**
1	7/25/2022	3.0162	5/25/2022	2.9691	3/25/2022	2.5846
2	7/24/2022		5/24/2022	2.9667	3/24/2022	2.5383
3	7/23/2022		5/23/2022	3.0524	3/23/2022	2.4842
4	7/22/2022	2.9717	5/22/2022		3/22/2022	2.6011
5	7/21/2022	3.0423	5/21/2022		3/21/2022	2.5173
6	7/20/2022	3.1585	5/20/2022	2.9859	3/20/2022	
7	7/19/2022	3.1746	5/19/2022	3.0491	3/19/2022	
8	7/18/2022	3.1551	5/18/2022	3.0647	3/18/2022	2.4202
9	7/17/2022		5/17/2022	3.1778	3/17/2022	2.4688
10	7/16/2022		5/16/2022	3.0984	3/16/2022	2.4528
11	7/15/2022	3.0751	5/15/2022		3/15/2022	2.4779
12	7/14/2022	3.104	5/14/2022		3/14/2022	2.471
13	7/13/2022	3.1182	5/13/2022	3.0786	3/13/2022	
14	7/12/2022	3.1618	5/12/2022	3.0154	3/12/2022	
15	7/11/2022	3.1744	5/11/2022	3.0456	3/11/2022	2.3537
16	7/10/2022		5/10/2022	3.1231	3/10/2022	2.367
17	7/9/2022		5/9/2022	3.1504	3/9/2022	2.3352
18	7/8/2022	3.2436	5/8/2022		3/8/2022	2.227
19	7/7/2022	3.1845	5/7/2022		3/7/2022	2.1857
20	7/6/2022	3.1181	5/6/2022	3.2254	3/6/2022	
21	7/5/2022	3.0397	5/5/2022	3.1192	3/5/2022	
22	7/4/2022	3.1031	5/4/2022	3.0345	3/4/2022	2.1554
23	7/3/2022		5/3/2022	3.0088	3/3/2022	2.2199
24	7/2/2022		5/2/2022	3.0327	3/2/2022	2.2485
25	7/1/2022	3.1031	5/1/2022		3/1/2022	2.1046
26	6/30/2022	3.1827	4/30/2022		2/28/2022	2.1611
27	6/29/2022	3.2185	4/29/2022	2.9972	2/27/2022	
28	6/28/2022	3.2788	4/28/2022	2.8928	2/26/2022	
29	6/27/2022	3.3119	4/27/2022	2.9212	2/25/2022	2.2738
30	6/26/2022		4/26/2022	2.8274	2/24/2022	2.2782
31	6/25/2022		4/25/2022	2.8884	2/23/2022	2.2941
32	6/24/2022	3.2571	4/24/2022		2/22/2022	2.2371
33	6/23/2022	3.1996	4/23/2022		2/21/2022	2.2399
34	6/22/2022	3.2492	4/22/2022	2.9444	2/20/2022	
35	6/21/2022	3.3372	4/21/2022	2.9278	2/19/2022	
36	6/20/2022	3.2795	4/20/2022	2.872	2/18/2022	2.2399
37	6/19/2022		4/19/2022	2.9949	2/17/2022	2.2941
38	6/18/2022		4/18/2022	2.9407	2/16/2022	2.3454

Duke Energy Floirda, LLC
2021 Settlement - ROE Trigger
Interest Rate Calculation

Reported Rate: 30-year U.S. Treasury Bond Rates
Trigger: Average Rate (Pg 2 of 2, Col. (6), Line 63)) 2.7793%
Threshold: 2.264% + .50% = 2.7640%

	(1)	(2)	(3)	(4)	(5)	(6)
Line	**Date**	**Reported Rate**	**Date**	**Reported Rate**	**Date**	**Reported Rate**
39	6/17/2022	3.2795	4/17/2022		2/15/2022	2.3572
40	6/16/2022	3.2474	4/16/2022		2/14/2022	2.2861
41	6/15/2022	3.3283	4/15/2022	2.9147	2/13/2022	
42	6/14/2022	3.4243	4/14/2022	2.9147	2/12/2022	
43	6/13/2022	3.3476	4/13/2022	2.8109	2/11/2022	2.2385
44	6/12/2022		4/12/2022	2.8092	2/10/2022	2.3163
45	6/11/2022		4/11/2022	2.8084	2/9/2022	2.2449
46	6/10/2022	3.1935	4/10/2022		2/8/2022	2.2571
47	6/9/2022	3.1630	4/9/2022		2/7/2022	2.2169
48	6/8/2022	3.1714	4/8/2022	2.7182	2/6/2022	
49	6/7/2022	3.1236	4/7/2022	2.6790	2/5/2022	
50	6/6/2022	3.1959	4/6/2022	2.6260	2/4/2022	2.2101
51	6/5/2022		4/5/2022	2.5729	2/3/2022	2.1517
52	6/4/2022		4/4/2022	2.4560	2/2/2022	2.1083
53	6/3/2022	3.0862	4/3/2022		2/1/2022	2.1090
54	6/2/2022	3.0747	4/2/2022		1/31/2022	2.1075
55	6/1/2022	3.0566	4/1/2022	2.4317	1/30/2022	
56	5/31/2022	3.0451	3/31/2022	2.4476	1/29/2022	
57	5/30/2022	2.9635	3/30/2022	2.4743	1/28/2022	2.0733
58	5/29/2022		3/29/2022	2.5012	1/27/2022	2.0928
59	5/28/2022		3/28/2022	2.5399	1/26/2022	2.1649
60	5/27/2022	2.9635	3/27/2022			
61	5/26/2022	2.9819	3/26/2022		**6-Mth Total**	**358.5252**
62					**6-Mth Total Days**	**129.00**
63					**Average Rate**	**2.7793**

EXHIBIT B

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
ROE Calculation

Exhibit B
Page 1 of 1

Impact of ROE Trigger on May 2022 Earnings Surveillance Report ("ESR")

Line	Description		(1)	(2) Calculation
1	ROE Trigger Revenue Requirement Increase Cap		$	24,428,000
2	Less Income Tax 25.345%			6,191,277
3	Net Operating Income Impact		$	18,236,723
4	May 2022 ESR, Schedule 4, Page 1 of 4, Average - Capital Structure Pro Forma Adjusted Basis - Common Equity		$	7,007,012,030
5	Impact on ROE	lines 3 / 4		0.26%
6	May 2022 ESR, Schedule 1, IV. Financial Integrity Indicators F. Return on Common Equity - Pro Forma Adjusted Basis			9.20%
7	ROE Pro Forma Adjusted with ROE Trigger Revenue Increase	Lines 5 + 6		9.46%

EXHIBIT C

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Revised AFUDC Rate - Year 2022
Effective October 1, 2022

COST OF CAPITAL - 13 MONTH AVERAGE

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	8,718,755	14,347	8,733,103	0.900097	7,860,638	(12,425)	(545,373)	7,302,840	43.96%	10.10%	4.44%
2	Long Term Debt	7,870,342	12,951	7,883,293	0.900097	7,095,728		(492,304)	6,603,424	39.75%	4.11%	1.63%
3	Short Term Debt	88,795	146	88,941	0.900097	80,056		(5,554)	74,501	0.45%	1.66%	0.01%
4	Customer Deposits Active	195,420	322	195,742	1.000000	195,742		(13,581)	182,161	1.10%	2.36%	0.03%
5	Customer Deposits Inactive	2,025	3	2,029	1.000000	2,029		(141)	1,888	0.01%	0.00%	0.00%
6	Investment Tax Credit	257,117	423	257,540	0.900097	231,811		(16,083)	215,728	1.30%	7.23%	0.09%
7	Deferred Income Taxes	2,972,714	(28,193)	2,944,522	0.900097	2,650,355	(235,973)	(183,882)	2,230,499	13.43%	0.00%	0.00%
8												
9	**Total**	**20,105,169**	**-**	**20,105,169**		**18,116,357**	**(248,398)**	**(1,256,918)**	**16,611,041**	**100.00%**		**6.20%**

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Revised AFUDC Rate - Year 2023
Effective 1/1/2023

COST OF CAPITAL - 13 MONTH AVERAGE

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	9,627,861	14,564	9,642,425	0.91549	8,827,523	(11,345)	(800,522)	8,015,656	44.84%	10.10%	4.53%
2	Long Term Debt	8,560,469	12,950	8,573,419	0.91549	7,848,861		(711,772)	7,137,089	39.93%	4.02%	1.61%
3	Short Term Debt	1,221	2	1,223	0.91549	1,119		(101)	1,018	0.01%	73.19%	0.00%
4	Customer Deposits Active	195,420	296	195,716	1.00000	195,716		(17,748)	177,967	1.00%	2.36%	0.02%
5	Customer Deposits Inactive	2,025	3	2,028	1.00000	2,028		(184)	1,844	0.01%	0.00%	0.00%
6	Investment Tax Credit	280,947	425	281,372	0.91549	257,593		(23,360)	234,233	1.31%	7.24%	0.09%
7	Deferred Income Taxes	3,073,863	(28,239)	3,045,624	0.91549	2,788,232	(227,711)	(252,850)	2,307,670	12.91%	0.00%	0.00%
8												
9	**Total**	**21,741,806**	**-**	**21,741,806**		**19,921,072**	**(239,057)**	**(1,806,537)**	**17,875,478**	**100.00%**		**6.26%**

EXHIBIT D

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Calculation of Uniform Percentage Increase

Purpose: 30-Yr Treasury Rate ROE Trigger
Amount: $24,428,000
Period: Jan 2023 - Dec 2023
Percent: 0.91%

Line No.	(1) Rate Schedule	(2) Billed Sales MWH	(3) Billed Customer Charge ($000)	(4) Billed Energy Charge ($000)	(5) Billed Demand Charge ($000)	(6) Billed Base Revenue Total ($000) (3) + (4) + (5)	(7) Unbilled Sales MWH	(8) Energy and Demand $/MWH (4 + 5) / (1)	(9) Unbilled Revenue ($000) (7) * (8)	(10) Total Class Revenue ($000) (6) + (9)	(11) Base Rate Increase at Uniform Percent ($000) **0.91%**	(12) Total Class Revenue with Increase ($000) (10) + (11)
1	RS-1	21,187,001	$ 265,595,081	$ 1,525,211,082	$ -	$ 1,790,806,163	(114,244)	$ 71.99	$ (8,224)	$ 1,790,797,939	$ 16,377,090	$ 1,807,175,029
2	GS-1	1,165,933	11,225,243	84,109,682	-	95,334,924	(2,684)	72.14	(194)	95,334,731	871,849	96,206,580
3	GS-2	207,230	2,875,765	5,758,909	-	8,634,674	(35)	27.79	(1)	8,634,673	78,965	8,713,638
4	GSD-1	13,822,270	25,397,463	374,454,588	280,952,060	680,804,111	(14,028)	47.42	(665)	680,803,446	6,226,040	687,029,486
5	CS-1, CS-2, CS-3	61,189	12,126	935,338	1,497,442	2,444,906	(57)	39.76	(2)	2,444,904	22,359	2,467,263
6	IS-1, IS-2, IS-3	2,540,650	1,046,783	39,118,754	32,332,777	72,498,314	(1,247)	28.12	(35)	72,498,279	663,007	73,161,286
7	LS-1	330,646	1,323,448	9,549,044	-	10,872,492	(323)	28.88	(9)	10,872,483	99,430	10,971,913
8	SS-1	70,181	28,394	934,814	2,179,762	3,142,970	(573)	44.38	(25)	3,142,945	28,743	3,171,687
9	SS-2	67,856	30,530	892,311	2,555,329	3,478,170	(16)	50.81	(1)	3,478,169	31,808	3,509,977
10	SS-3	81,829	3,901	1,080,956	2,054,441	3,139,298	(18)	38.32	(1)	3,139,298	28,709	3,168,007
11	TOTAL	39,534,784	$ 307,538,734	$ 2,042,045,477	$ 321,571,812	$ 2,671,156,023	(133,224)		$ (9,158)	$ 2,671,146,865	$ 24,428,000	$ 2,695,574,865

EXHIBIT E

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

Line	Rate Schedule	Type of Charge	(3) Jan-23 2021 Multi-Year Settlement MFR A-3	(4) Jan-23 Proposed Increase ROE Trigger	(5) Jan-23 Proposed Rate ROE Trigger
		(1)	(2)		
1	**RS-1**	Customer Charge - $ per Line of Billing			
2	**RST-1**	Standard	12.67	0.12	12.79
3	**RSL-1**				
4	**RSL-2**	Energy Charge - cents per KWH			
5		Standard			
6		0 - 1,000 KWH (Winter)	7.783	0.071	7.854
7		Over 1,000 KWH (Winter)	8.933	0.081	9.014
8		0 - 1,000 KWH (Non-Winter)	6.714	0.061	6.775
9		Over 1,000 KWH (Non-Winter)	7.598	0.069	7.667
10		Time of Use - On Peak	8.982	0.082	9.064
11		Time of Use - Off Peak	7.454	0.068	7.522
12		Time of Use - Super Off Peak	4.270	0.039	4.309
13					
14	**GS-1**	Customer Charge - $ per Line of Billing			
15	**GST-1**	Standard			
16		Unmetered	8.90	0.08	8.98
17		Secondary	15.75	0.14	15.89
18		Primary	199.14	1.81	200.95
19		Transmission	982.25	8.94	991.19
20					
21		Energy Charge - cents per KWH			
22		Standard	7.206	0.066	7.272
23		Time of Use - On Peak	9.054	0.082	9.136
24		Time of Use - Off Peak	8.432	0.077	8.509
25		Time of Use - Super Off Peak	4.724	0.043	4.767
26					
27		Premium Distribution Charge - cents per KWH	1.363	0.012	1.375
28					
29		Meter Voltage Adjustment - % of Demand & Energy Charges			
30		Primary	1.00%	0 00%	1 00%
31		Transmission	2.00%	0 00%	2 00%
32		Equipment Rental - % of Installed Equipment Cost	1.08%	0 00%	1 08%
33					
34	**GS-2**	Customer Charge - $ per Line of Billing			
35		Standard			
36		Unmetered	9.17	0.08	9.25
37		Metered	16.23	0.15	16.38
38					
39		Energy and Demand Charge - cents per KWH			
40		Standard	2.779	0.025	2.804
41					
42		Premium Distribution Charge - cents per KWH	0.241	0.002	0.243
43					
44		Equipment Rental - % of Installed Equipment Cost	1.08%	0 00%	1 08%

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

Line	(1) Rate Schedule	(2) Type of Charge	(3) Jan-23 2021 Multi-Year Settlement MFR A-3	(4) Jan-23 Proposed Increase ROE Trigger	(5) Jan-23 Proposed Rate ROE Trigger
45					
46	**GSD-1**	Customer Charge - $ per Line of Billing			
47	**GSDT-1**	Standard			
48		Secondary	16.23	0.15	16.38
49		Primary	205.19	1.87	207.06
50		Transmission	1,012.09	9.21	1,021.30
51					
52		Demand Charge - $ per KW			
53		Standard	6.88	0.06	6.94
54		Time of Use			
55		Base	2.16	0.02	2.18
56		On Peak	1.25	0.01	1.26
57		Mid Peak	4.36	0.04	4.40
58		Delivery Voltage Credits - $ per KW			
59		Primary	1.29	0.01	1.30
60		Transmission < 230 kV	5.32	0.05	5.37
61		Transmission ≥ 230 kV	7.36	0.07	7.43
62					
63		Premium Distribution Charge - $ per KW	1.48	0.01	1.49
64					
65		Energy Charge - cents per KWH			
66		Standard	3.008	0.027	3.035
67		Time of Use - On Peak	3.316	0.030	3.346
68		Time of Use - Off Peak	2.729	0.025	2.754
69		Time of Use - Super Off Peak	1.640	0.015	1.655
70					
71		Meter Voltage Adjustment - % of Demand & Energy Charges			
72		Primary	1.00%	0 00%	1 00%
73		Transmission	2.00%	0 00%	2 00%
74		Equipment Rental - % of Installed Equipment Cost	1.08%	0 00%	1 08%
75					
76	**CS-2**	Customer Charge - $ per Line of Billing			
77	**CS-3**	Secondary	89.02	0.81	89.83
78	**CST-2**	Primary	247.17	2.25	249.42
79	**CST-3**	Transmission	922.46	8.39	930.85
80					
81		Demand Charge - $ per KW			
82		Standard	11.01	0.10	11.11
83		Time of Use			
84		Base	1.60	0.01	1.61
85		On Peak	1.31	0.01	1.32
86		Mid Peak	4.71	0.04	4.75
87					
88		Curtailable Demand Credit			

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

	(1)	(2)	(3)	(4)	(5)
Line	Rate Schedule	Type of Charge	Jan-23 2021 Multi-Year Settlement MFR A-3	Jan-23 Proposed Increase ROE Trigger	Jan-23 Proposed Rate ROE Trigger
89		CS-2, CST-2 - $ per KW of On-pk Capability	7.72	-	7.72
90		CS-3, CST-3 - $ per KW of Contract Demand	7.72	-	7.72
91		Curtailable Event Incentive	0.25		0.25
92					
93		Delivery Voltage Credits - $ per KW			
94		Primary	1.29	0.01	1.30
95		Transmission < 230 kV	5.32	0.05	5.37
96		Transmission ≥ 230 kV	7.36	0.07	7.43
97					
98		Premium Distribution Charge - $ per KW	1.48	0.01	1.49
99					
100		Energy Charge - cents per KWH			
101		Standard	2.009	0.018	2.027
102		Time of Use - On Peak	1.848	0.017	1.865
103		Time of Use - Off Peak	1.601	0.015	1.616
104		Time of Use - Super Off Peak	1.011	0.009	1.020
105					
106		Meter Voltage Adjustment - % of Demand & Energy Charges			
107		Primary	1.00%	0 00%	1 00%
108		Transmission	2.00%	0 00%	2 00%
109		Equipment Rental - % of Installed Equipment Cost	1.08%	0 00%	1 08%
110					
111	**IS-2**	Customer Charge - $ per Line of Billing			
112	**IST-2**	Secondary	326.87	2.97	329.84
113		Primary	485.02	4.41	489.43
114		Transmission	1,160.34	10.56	1,170.90
115					
116		Demand Charge - $ per KW			
117		Standard	9.15	0.08	9.23
118		Time of Use			
119		Base	1.60	0.01	1.61
120		On Peak	1.31	0.01	1.32
121		Mid Peak	4.71	0.04	4.75
122					
123		Interruptible Demand Credit			
124		IS-2, IST-2 - $ per KW On-Peak Demand	7.72	-	7.72
125					
126		Delivery Voltage Credits - $ per KW			
127		Primary	1.29	0.01	1.30
128		Transmission < 230 kV	5.32	0.05	5.37
129		Transmission ≥ 230 kV	7.36	0.07	7.43
130					
131		Premium Distribution Charge - $ per KW	1.48	0.01	1.49
132					

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

	(1)	(2)	(3)	(4)	(5)
Line	Rate Schedule	Type of Charge	Jan-23 2021 Multi-Year Settlement MFR A-3	Jan-23 Proposed Increase ROE Trigger	Jan-23 Proposed Rate ROE Trigger
133		Energy Charge - cents per KWH			
134		Standard	1.332	0.012	1.344
135		Time of Use - On Peak	1.848	0.017	1.865
136		Time of Use - Off Peak	1.601	0.015	1.616
137		Time of Use - Super Off Peak	1.011	0.009	1.020
138					
139		Meter Voltage Adjustment - % of Demand & Energy Charges			
140		Primary	1.00%	0 00%	1 00%
141		Transmission	2.00%	0 00%	2 00%
142		Equipment Rental - % of Installed Equipment Cost	1.08%	0 00%	1 08%
143					
144	**LS-1**	Customer Charge - $ per Line of Billing			
145		Standard			
146		Unmetered	1.66	0.02	1.68
147		Metered	4.77	0.04	4.81
148					
149		Energy Charge - cents per KWH			
150		Standard	2.888	0.026	2.914
151					
152		Fixture & Maintenace Charges - $ per fixture	various		various
153		Pole Charges - $ per Pole	various		various
154					
155		Other Fixture Charge Rate - % of Installed Fixture Cos	1.08%	0 00%	1 08%
156		Other Pole Charge Rate - % of Installed Pole Cost	1.08%	0 00%	1 08%
157					
158	**SS-1**	Customer Charge - $ per Line of Billing			
159		Secondary	141.01	1.28	142.29
160		Primary	329.96	3.00	332.96
161		Transmission	1,136.86	10.35	1,147.21
162		Customer Owned	113.69	1.03	114.72
163					
164		Base Rate Energy Charge - cents per KWH	1.332	0.012	1.344
165					
166		Distribution Charge - $ per KW			
167		Applicable to Specified SB Capacity	2.69	0.02	2.71
168					
169		Generation and Transmission Capacity Charge			
170		Greater of : - $ per KW			
171		Monthly Reservation Charge			
172		Applicable to Specified SB Capacity	1.504	0.014	1.518
173		Peak Day Utilized SB Power Charge of:	0.716	0.007	0.723
174					
175		Delivery Voltage Credits - $ per KW			
176		Primary	1.29	0.01	1.30

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

Line	(1) Rate Schedule	(2) Type of Charge	(3) Jan-23 2021 Multi-Year Settlement MFR A-3	(4) Jan-23 Proposed Increase ROE Trigger	(5) Jan-23 Proposed Rate ROE Trigger
177		Premium Distribution Charge - $ per KW	1.38	0.01	1.39
178					
179	**SS-2**	Customer Charge - $ per Line of Billing			
180		Secondary	355.90	3.24	359.14
181		Primary	514.04	4.68	518.72
182		Transmission	1,189.36	10.82	1,200.18
183		Customer Owned	333.01	3.03	336.04
184					
185		Base Rate Energy Charge - cents per KWH	1.315	0.012	1.327
186					
187		Distribution Charge - $ per KW			
188		Applicable to Specified SB Capacity	2.68	0.02	2.70
189					
190		Generation and Transmission Capacity Charge			
191		Greater of : - $ per KW			
192		Monthly Reservation Charge			
193		Applicable to Specified SB Capacity	1.501	0.014	1.515
194		Peak Day Utilized SB Power Charge of:	0.715	0.007	0.722
195					
196		Interruptible Capacity Credit - $ per KW			
197		Monthly Reservation Credit	1.170	-	1.170
198		Daily Demand Credit	0.557	-	0.557
199					
200		Delivery Voltage Credits - $ per KW			
201		Primary	1.29	0.01	1.30
202		Premium Distribution Charge - $ per KW	1.37	0.01	1.38
203					
204	**SS-3**	Customer Charge - $ per Line of Billing			
205		Secondary	118.03	1.07	119.10
206		Primary	276.17	2.51	278.68
207		Transmission	951.49	8.66	960.15
208		Customer Owned	95.14	0.87	96.01
209					
210		Base Rate Energy Charge - cents per KWH	1.321	0.012	1.333
211					
212		Distribution Charge - $ per KW			
213		Applicable to Specified SB Capacity	2.68	0.02	2.70
214					
215		Generation and Transmission Capacity Charge			
216		Greater of : - $ per KW			
217		Monthly Reservation Charge			
218		Applicable to Specified SB Capacity	1.501	0.014	1.515
219		Peak Day Utilized SB Power Charge of:	0.715	0.007	0.722
220					

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Uniform Percentage Increase - Tariff Changes

Summary of Tariff Changes

Line	(1) Rate Schedule	(2) Type of Charge	(3) Jan-23 2021 Multi-Year Settlement MFR A-3	(4) Jan-23 Proposed Increase ROE Trigger	(5) Jan-23 Proposed Rate ROE Trigger
221		Curtailable Capacity Credit - $ per KW			
222		Monthly Reservation Credit	0.877	-	0.877
223		Daily Demand Credit	0.418	-	0.418
224					
225		Delivery Voltage Credits - $ per KW			
226		Primary	1.29	0.01	1.30
227		Premium Distribution Charge - $ per KW	1.37	0.01	1.38
228					
229					

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 3
PARTY: Staff Exhibit 3
DESCRIPTION: Letter dated 8/29/22, with attached response to staff's first data request. (Bates No. 00027-01418)

3

Letter dated 8/29/22, with attached response to staff's first data request.

FILED 8/30/2022
DOCUMENT NO. 05752-2022
FPSC - COMMISSION CLERK

Dianne M. Triplett
DEPUTY GENERAL COUNSEL

August 29, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20220143-EI – Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC.

Dear Mr. Teitzman:

Please find attached Duke Energy Florida, LLC's ("DEF"), response to Staff's First Data Request for the above reference docket.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Dianne M. Triplett

Dianne M. Triplett

DMT/vr
Attachments

cc: Suzanne Brownless, FPSC

299 First Avenue North ▪ St. Petersburg, FL 33701
Phone: 727.820.4692 ▪ Fax: 727.820.5041 ▪ Email: dianne.triplett@duke-energy.com

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S FIRST DATA REQUEST REGARDING DEF'S PETITION FOR A LIMITED PROCEEDING TO IMPLEMENT RETURN ON EQUITY TRIGGER PROVISION OF 2021 SETTLEMENT AGREEMENT

Docket No. 20220143-EI

1. Please provide DEF's Petition Exhibits B, C, and D in electronic format, with cells unlocked and formulas intact.

   Response:
   Please see the attached excel files "Q1.Exhibit C" and "Q1.Exhibit B and D".

2. Please refer to Exhibit C, page 2 of 2, attached to Duke Energy Florida's (DEF) Petition. On line (3), column (11), DEF lists a short term debt cost rate of 73.19 percent. Please explain how the cost rate was derived and provide supporting documentation for the forecasted cost rate.

   Response:

   The short-term debt cost rate includes DEF's Credit Facility Fees, which are approximately $1M annually. In 2023, the ST debt cost rate of 73.19% per DEF's Petition is unusually high because the balance of ST debt is so low (~$1M). There is no impact to the WACC because the weighted cost of ST debt is 0.00%. Please see the attached Excel file "MFR D-3 with support (2023)."

   Shortly after the 2021 Settlement, DEF began including credit facility fees in the miscellaneous expense adjustment on Earnings Surveillance Reports, which eliminated its impact on the short-term debt cost rate.

3. Please refer to Exhibit C attached to Duke Energy Florida's (DEF) Petition. Please provide a detailed calculation for the Pro Rata Adjustments shown in column 8 of Exhibit C for both 2022 and 2023.

   Response:
   Please see the Microsoft Excel file "Exhibit C" provided in response to question 1. The Pro Rata Adjustments are on the tabs with the name "2023 B-2 (2021 Settlement)" and "2022 B-2 (2021 Settlement)".

4. Please refer to paragraph 8 on page 5 of Duke Energy Florida's petition and Exhibit C attached to the petition. Please provide the discounted monthly AFUDC rate and calculation pursuant to Rule 25-6.0141(4), Allowance for Funds Used During Construction, Florida Administrative Code, for the following rates and years.

   a. For January through July 2022; 6.09 percent.

   b. For August through December 2022; 6.20 percent.

   c. For 2023 and 2024; 6.26 percent.

   Response:

   4.a. Please see Microsoft Excel file "Exhibit C" provided in response to question 1. The discounted monthly AFUDC rate and calculation is on tab "2022 D-1a (2021 Settlement), line 22 to line 28.

   4.b. Please see Microsoft Excel file "Exhibit C" provided in response to question 1. The discounted monthly AFUDC rate and calculation is on tab "2022 D-1a (Trigger)", line 27 to line 31.

   4.c. Please see Microsoft Excel file "Exhibit C" provided in response to question 1. The discounted monthly AFUDC rate and calculation is on tab "2023 D-1a (Trigger)", line 20 to line 31.

5. In its petition, DEF states that the inclusion of a weather normalization adjustment of $45.9 million to base revenues, as reflected in Schedule 2, page 2 of 3 of the Company's May 2022 Earnings Surveillance Report (ESR), along with the $10 million increase due to the ROE trigger, results in an earned return on equity of 9.46 percent, based on a 12-month average rate base. Please identify the weather normalization adjustment to operating revenue that would result in the Company earning at the adjusted ROE mid-point of 10.10 percent and provide support calculations.

   Response:

   An unfavorable weather impact of $13,993,343 (pre-tax) to operating revenue would be required for DEF's earnings to result in an adjusted ROE mid-point of 10.10%. See "Q5 – Calculations" excel file for the calculation that derives the 10.10% ROE as requested.

6. Please provide all workpapers (in electronic format, with cells unlocked and formulas intact) that contain all of DEF's calculations used to derive the weather normalization adjustment to operating revenue in the amount of $45.9 million appearing in Schedule 2, page 2 of 3, of the Company's May 2022 ESR. It is assumed such calculations will involve some or all of the following monthly inputs: revenues prior to normalization, cooling and heating degree days, cooling and heating degree day coefficients, customers, and megawatt hour sales.

   Response:
   See attached Excel Spreadsheet labeled Q6 DEF Calcs Used to Derive the Weather Normalization Adjustment.xlsx

7. Please refer to Schedule 2, page 2 of 3, of DEF's May 2022 ESR for the following requests.

   a. Please provide, in electronic format (Excel, with cells unlocked and formulas intact), DEF's weather data and normalization calculations used to derive the monthly normal weather for both Cooling Degree Days (CDD) and Heating Degree Days (HDD) that was in turn, used to calculate the weather normalization adjustment to operating revenues in the amount of $45.9 million.

      Response:

      Please see response to question 6.

      Normal weather conditions for energy sales uses a sales weighted 30-year average of conditions at the St Petersburg, Orlando, and Tallahassee weather stations. For billed kilowatt-hour (kWh) sales, the normal weather calculation begins with a historical 30-year average of calendar and billing cycle weighted monthly heating and cooling degree-days (HDD and CDD). The expected consumption period read dates for each billing cycle determines the exact historical dates for developing the 30-year average weather condition each month. Each class displays different weather-sensitive base temperatures from which degree day (DD) values begin to accumulate. Seasonal and monthly peak demand are based on a 30-year historical average of system-weighted degree days using the "Itron Rank-Sort Normal" approach which takes annual weather extremes into account as well as the date and hour of occurrence.

   b. Please provide, in electronic format (Excel, with cells unlocked and formulas intact), DEF's weather data and normalization calculations used to derive the monthly actual weather for both CDD and HDD.

      Response:
      See attached spreadsheet Q7b Calculation of CDD and HDD.xlsx.

c. Please provide, in electronic format (Excel, with cells unlocked and formulas intact) all models, model equations, summary statistics, and model assumptions used to produce the HDD coefficients and the CDD coefficients (for each rate class) which were in turn, used to derive the weather normalization adjustment in the amount of $45.9 million.

Response:
Please find attached the outputs in excel format the results of the Metrix ND models used to calculate the coefficients and weather elasticities of demand for DEF Spring 2022 forecast. Note the use per customer, sales, customer, and peak models are provided as they all have impact on the HDD and CDD impact on sales and peak. These model results are for the revenue classes (Residential, Commercial, Industrial, OPA, SL). The rate class analysis would utilize these results for the weather normalization. Note that the revenue classes sensitive to weather would be the residential, commercial, industrial, and OPA classes. The specific impacts are in the elasticity and the coefficient tabs of the Use per customer, sales, and peak model spread sheets. Also provided in the tabs are the summary model statistics along with forecast versus predicted results, simulated results, and the residuals in the model fit analytics.

d. Is it correct that the monthly CDD - Normal weather data and the monthly HDD - Normal weather data used to calculate DEF's weather normalization adjustment were based on an average twenty years of historical data? If not, please explain.

Response:
Duke Energy uses 30- year average for planning purposes. Using a longer history helps us capture weather over a longer time and include some colder winters as well as warmer summers.

e. Are DEF's proposed sales and revenue adjustments implemented for the purpose of removing the impact of atypical weather from actual sales? If not, please explain.

Response:
Yes.

f. Does DEF assume that a 20-year average of CDD and HDD is the optimal representation of normal weather for the annual period ending May 2022 for the purpose of removing the impact of atypical sales for the purposes of the Petition?

Response:
DEF assumes a 30-year historical average of system-weighted degree days which takes annual weather extremes into account.

g. Please explain in detail and offer any document support for the Company's position (e.g. whitepapers, studies, etc.).

Response:
DEF utilizes the 30 years of weather data for weather normalization. For the Spring 2022 forecast, DEF utilized the data from 1991 to 2020. DEF uses the Itron method of Rank and average by date method. This practice is utilized by most utilities in the ITRON SAE user group. Two sources include the Itron white paper "Defining Normal Weather for Energy and Peak Normalization" on the use of the 30 years of weather data and the Rank average by date method and the NOAA paper "Climate Change and the 1991 to 2020 US Climate Normal".

Both papers support the DEF use of 30 years of weather data, 1991 to 2020, for normal weather calculations and the Itron paper supports the use of the Rank average by data method DEF uses in the normal weather calculations of normal temperatures and weather splines used to define weather impact on demand and to ultimately normalize for weather the billing history.

8. Please provide any relevant documentation in the Company's possession supporting the Company's selection of weather stations and the Company's data source in its weather normalization process as applied in DEF's Petition.

Response:
DEF uses preliminary quality-controlled data from the National Oceanic and Atmospheric Administration (NOAA) for the sales weighted average of Orlando International Airport (MCO), Tallahassee Regional Airport (TLH) and St. Petersburg International Airport (PIE).

9. Referring to Request 3 above, please identify all public sources of the weather data known to the Company that were used to determine normal weather and actual weather which were in turn, used to calculate the weather normalization adjustment in the amount of $45.9 million appearing on Schedule 2, page 2 of 3, of DEF's May 2022 ESR.

Response:
Please see DEF's response to question number 8.

10. Please provide the last prior calculations of weather normalized monthly CDDs and HDDs prepared by the Company to support rate filing(s) before the Commission, specifying the rate filing docket number and, as available, the document number containing the data and/or calculations.

Response:
The most current weather normalization calculations were prepared to support the kWh sales in the May 2, 2022 SPPCRC filing in Docket No. 20220010 (using the fall 2021

sales forecast) and the August 5, 2022 ECCR filing in Docket No. 20220002 (using the spring 2022 sales forecast). Please find attached the spread sheet labeled" Q10 Spread Sheet Documenting Weather Normalization for DEF Fall 2021and Spring 2022 Forecasts JP.xls ". The calculations are provided in the tabs along with the documentation of the data, weather stations, methodology for calculating the normal weather temperatures and weather splines used in the load forecast model. Also provided a contact number in the documentation tab if there are follow up questions.

Weather normal calculations utilized data from 1991 to 2020 from three weather stations in the DEF service area. Average daily temperatures per day per month over 1991-2020 are derived for each of the three weather stations. Daily average temperatures were ranked by month. An average daily rank for each day was established. Average daily temperatures were sorted by rank to establish an average daily temperature per daily rank for each month. The average rank for each day was used to extract an average temperature from the list of average temperature per rank. This derives the normal temperatures for each day of the month. Weather splines calculated from this list.

The average daily weather normal temperature for each day for each station is weighted based on the fixed weights established to reflect the DEF distribution of load across the regions. The weather normal average temperatures and weather splines for DEF used in the load model used to forecast load in 2023 in the Spring 2022 forecast are provided in the spread sheet.

11. Please identify all changes, if any, in DEF's method and/or data sources for calculating weather normals or HDD/CDD coefficients used to calculate the weather normalization adjustment in this docket compared to its method and/or data sources of calculating weather normals or HDD/CDD coefficients in other Commission filings within the past 5 years.

Response:
There have been no changes within the past five years.

12. Please discuss all planned customer communications (i.e., information on Duke's website, emails, bill inserts, bill messages) to notify customers of the proposed rate increase. In your response, please include the timing of any customer notifications.

Response:
Duke Energy will provide the rate customer communications listed below in the December bill insert. Bill communications will be provided beginning with the first day of the December billing cycle. The website will also be updated with bill inserts, so they will be available when customers want to reference them.

* Billing Inserts – A full-page, detailed notification that accompanies the paper billing statement. These are produced for Residential/Small Business, and Commercial and Industrial customers.

* Paperless Notification Email – A message appearing on the paperless notification makes Residential/Small Business, Commercial and Industrial customers aware of the rate increase.

* Webpage – The full-page billing inserts are posted in PDF format on Duke Energy's bill insert webpage.

13. With the requested January 1, 2023, effective date, please explain whether Duke intends to notify its customers of the proposed rate increase with the December 2022 billing cycle. If yes, please provide a copy of the customer notification scheduled to be included with the December billing cycle. If not, please explain why not.

Response:
Duke Energy intends to notify its customers of the proposed rate increase with the December 2022 billing cycle along with all other January 2023 rate changes, but those notifications are not complete and/or known at this time.

14. For RS-1, please provide MFR schedule A-2 that demonstrates the impact of the revised base rates as presented in Exhibit E of the Petition, as well as the impact of the multi-year base rate increase permitted in paragraph 3 of the 2021 Settlement. Please use projected 2023 clause factors, where available.

Response:
Please see the attached excel file "Q14 Attachment MFR A-2 for RS-1" .

15. For the following question, please refer to Exhibit D of the Petition, as well as Exhibit CAM-3, Form 5P (Page 100 of 102) of DN 02762-2022 in Docket No. 20220010-EI. Please explain why projected Billed Sales in Column 2 of Exhibit D vary when compared to projected Sales at Meter System Total in Column 3 of Exhibit CAM-3.

Response:
CAM-3 was filed on May 2, 2022, using the most current sales forecast at the time. The projected Billed Sales in Column 2 of Exhibit D tie to Sales at Meter in the 2023 Projected ECCR filing, Docket No. 2022002-EG, filed August 5, 2022, Schedule C-1, Page 1 of 2, Column 2. The ECCR filing is the most current clause projection filing as of the date of the ROE Trigger filing.

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
ROE Calculation

Exhibit B
Page 1 of 1

Impact of ROE Trigger on May 2022 Earnings Surveillance Report ("ESR")

Line	Description		(1)	(2) Calculation
1	ROE Trigger Revenue Requirement Increase Cap		$	24,428,000
2	Less Income Tax 25.345%			6,191,277
3	Net Operating Income Impact		$	18,236,723
4	May 2022 ESR, Schedule 4, Page 1 of 4, Average - Capital Structure Pro Forma Adjusted Basis - Common Equity		$	7,007,012,030
5	Impact on ROE	lines 3 / 4		0.26%
6	May 2022 ESR, Schedule 1, IV. Financial Integrity Indicators F. Return on Common Equity - Pro Forma Adjusted Basis			9.20%
7	ROE Pro Forma Adjusted with ROE Trigger Revenue Increase	Lines 5 + 6		9.46%

Trigger occurs, the revenue requirement increase cap would be $24.428 million in 2022 or $26.785 million in 2023 or 2024. This number shall be adjusted downward to the extent that it would cause adjusted earnings, as reflected on the Company's pro forma weather adjusted earnings surveillance report ("ESR"), to exceed the midpoint of the new range. The use of the pro forma weather adjusted ESR for the highly specific circumstances of the Trigger shall not be precedent for use of the pro forma weather adjustment information for any other purpose. The Commission shall approve the Company's verified

DUKE ENERGY FLORIDA
Average - Capital Structure
Pro Forma Adjusted Basis
May-22

Schedule 4
Page 1 of 4

	System Per Books	Retail Per Books	Pro Rata Adjustments	Specific Adjustments	Adjusted Retail	Cap Ratio	Low-Point		Mid-Point		High-Point	
							Cost Rate	Weighted Cost	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost
Common Equity	8,336,070,793	7,534,136,862	(515,356,843)	(11,767,989)	7,007,012,030	44.24%	8.85%	3.91%	9.85%	4.36%	10.85%	4.80%
Long Term Debt	6,878,498,653	6,216,783,847	(425,246,071)		5,791,537,776	36.56%	4.27%	1.56%	4.27%	1.56%	4.27%	1.56%
Short Term Debt *	513,866,013	464,431,861	(31,768,488)	(115,784,431)	316,878,942	2.00%	0.29%	0.01%	0.29%	0.01%	0.29%	0.01%
Customer Deposits												
Active	185,289,358	185,289,358	(12,674,330)		172,615,028	1.09%	2.79%	0.03%	2.79%	0.03%	2.79%	0.03%
Inactive	1,615,217	1,615,217	(110,486)		1,504,732	0.01%						
Investment Tax Credits **	220,889,124	199,639,486	(13,655,921)		185,983,565	1.17%	6.78%	0.08%	7.33%	0.09%	7.87%	0.09%
Deferred Income Taxes	3,094,276,883	2,796,605,992	(191,295,972)	(240,557,569)	2,364,752,451	14.93%						
Total	**19,230,506,041**	**17,398,502,622**	**(1,190,108,111)**	**(368,109,988)**	**15,840,284,524**	**100.00%**		**5.59%**		**6.04%**		**6.49%**

*** Daily Weighted Average**
**** Cost Rates Calculated Per IRS Ruling**

DUKE ENERGY FLORIDA
RATE OF RETURN REPORT SUMMARY
May-22

SCHEDULE 1

	(1) Actual Per Books	(2) FPSC Adjustments	(3) FPSC Adjusted	(4) Pro Forma Adjustments	(5) Pro Forma Adjusted
I. AVERAGE RATE OF RETURN (Jurisdictional)					
Net Operating Income	$986,782,025 (a)	($40,993,839) (b)	$945,788,186	($34,276,703)	$911,511,483
Average Rate Base	$17,398,502,622	($1,558,218,099)	$15,840,284,524	$0	$15,840,284,524
Average Rate of Return	5.67%		5.97%		5.75%
I. YEAR END RATE OF RETURN (Jurisdictional)					
Net Operating Income	$963,904,445	($18,116,258)	$945,788,186		
Average Rate Base	$18,037,466,720	($1,615,242,996)	$16,422,223,724		
Average Rate of Return	5.34%		5.76%		

(a) INCLUDES AFUDC EARNINGS
(b) INCLUDES REVERSAL OF AFUDC EARNINGS

III. REQUIRED RATES OF RETURN	Average Capital Structure	End of Period Capital Structure
FPSC Adjusted Basis		
Low Point	5.59%	5.60%
Mid Point	6.04%	6.05%
High Point	6.49%	6.50%
Pro Forma Adjusted Basis		
Low Point	5.59%	5.60%
Mid Point	6.04%	6.05%
High Point	6.49%	6.50%

IV. FINANCIAL INTEGRITY INDICATORS		
A. T.I.E. with AFUDC	4.20	(System Per Books Basis)
B. T.I.E without AFUDC	4.12	(System Per Books Basis)
C. AFUDC to Net Income	3.08%	(System Per Books Basis)
D. Internally Generated Funds	65.64%	(System Per Books Basis)
E. STD/LTD to Total Investor Funds		
LT Debt-Fixed to Total Investor Funds	44.16%	(FPSC Adjusted Basis)
ST Debt to Total Investor Funds	2.42%	(FPSC Adjusted Basis)
F. Return on Common Equity	9.69%	(FPSC Adjusted Basis)
	9.20%	(Pro Forma Adjusted Basis)
G. Current Allowed AFUDC Rate	6.09%	Docket 20210016-EI

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Calculation of Uniform Percentage Increase

Purpose: 30-Yr Treasury Rate ROE Trigger
Amount: $24,428,000
Period: Jan 2023 - Dec 2023
Percent: 0.91%

Line No.	(1) Rate Schedule	(2) Billed Sales MWH	(3) Billed Customer Charge ($000)	(4) Billed Energy Charge ($000)	(5) Billed Demand Charge ($000)	(6) Billed Base Revenue Total ($000) (3) + (4) + (5)	(7) Unbilled Sales MWH	(8) Energy and Demand $/MWH (4 + 5) / (1)	(9) Unbilled Revenue ($000) (7) * (8)	(10) Total Class Revenue ($000) (6) + (9)	(11) Base Rate Increase at Uniform Percent ($000) **0.91%**	(12) Total Class Revenue with Increase ($000) (10) + (11)
1	RS-1	21,187,001	$ 265,595,081	$ 1,525,211,082	$ -	$ 1,790,806,163	(114,244)	$ 71.99	$ (8,224)	$ 1,790,797,939	$ 16,377,090	$ 1,807,175,029
2	GS-1	1,165,933	11,225,243	84,109,682	-	95,334,924	(2,684)	72.14	(194)	95,334,731	871,849	96,206,580
3	GS-2	207,230	2,875,765	5,758,909	-	8,634,674	(35)	27.79	(1)	8,634,673	78,965	8,713,638
4	GSD-1	13,822,270	25,397,463	374,454,588	280,952,060	680,804,111	(14,028)	47.42	(665)	680,803,446	6,226,040	687,029,486
5	CS-1, CS-2, CS-3	61,189	12,126	935,338	1,497,442	2,444,906	(57)	39.76	(2)	2,444,904	22,359	2,467,263
6	IS-1, IS-2, IS-3	2,540,650	1,046,783	39,118,754	32,332,777	72,498,314	(1,247)	28.12	(35)	72,498,279	663,007	73,161,286
7	LS-1	330,646	1,323,448	9,549,044	-	10,872,492	(323)	28.88	(9)	10,872,483	99,430	10,971,913
8	SS-1	70,181	28,394	934,814	2,179,762	3,142,970	(573)	44.38	(25)	3,142,945	28,743	3,171,687
9	SS-2	67,856	30,530	892,311	2,555,329	3,478,170	(16)	50.81	(1)	3,478,169	31,808	3,509,977
10	SS-3	81,829	3,901	1,080,956	2,054,441	3,139,298	(18)	38.32	(1)	3,139,298	28,709	3,168,007
11	TOTAL	39,534,784	$ 307,538,734	$ 2,042,045,477	$ 321,571,812	$ 2,671,156,023	(133,224)		$ (9,158)	$ 2,671,146,865	$ 24,428,000	$ 2,695,574,865

	DEF Tariff Base Rates	Effective	Dec-23 RS-1	Dec-23 RSS-1 (closed)	Dec-23 RST-1 (closed)	Dec-23 GS-1	Dec-23 GST-1	Dec-23 GS-2 100% LF	Dec-23 GSD-1 24 mWh	Dec-23 GSDT-1 24 mwh	Dec-23 CS-1 (closed)	Dec-23 CS-2 500 kW	Dec-23 CS-3 2000 kW	Dec-23 CST-1 (closed)	Dec-23 CST-2 500 kW	Dec-23 CST-3 2000 kW	Dec-23 IS-1	Dec-23 IS-2 500 kW	Dec-23 IST-1 (closed)	Dec-23 IST-2 500 kW	Dec-23 SS-1 Firm	Dec-23 SS-2 IS	Dec-23 SS-3 CS	Dec-23 LS-1
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo																							
2	Customer Chrg - Unmetered	$/mo				8.98		9.25																	1.68
3	Customer Chrg - Secondary	$/mo	12.79		12.79	15.89	15.89	16.38	16.38	16.38	89.83	89.83	89.83	89.83	89.83	89.83	329.84	329.84	329.84	329.84	142.29	359.14	119.10	4.81
4	Customer Chrg - Primary	$/mo				200.95	200.95		207.06	207.06	249.42	249.42	249.42	249.42	249.42	249.42	489.43	489.43	489.43	489.43	332.96	518.72	278.68	
5	Customer Chrg - Transmission	$/mo				991.19	991.19		1,021.30	1,021.30	930.85	930.85	930.85	930.85	930.85	930.85	1,170.90	1,170.90	1,170.90	1,170.90	1,147.21	1,200.18	960.15	
6	Customer Chrg - Secondary - CIAC Pd	$/mo			12.79		15.89			16.38											114.72	336.04	96.01	
7	Customer Chrg - Primary - CIAC Pd	$/mo					15.89			207.06														
8	Customer Chrg - Transmission - CIAC Pd	$/mo					15.89			1,021.30														
9	CIAC for Metering Cost	$																						
10	Energy Chrg - Standard	¢/kWh				7.272		2.804	3.035		2.027	2.027	2.027				1.344	1.344			1.344	1.327	1.333	2.914
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	7.854																					
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	9.014																					
13	Energy Chrg - TOU - On Peak	¢/kWh			9.064		9.136			3.346				1.865	1.865	1.865			1.865	1.865				
14	Energy Chrg - TOU - Off Peak	¢/kWh			7.522		8.509			2.754				1.616	1.616	1.616			1.616	1.616				
15	Energy Chrg - TOU - Super Off Peak	¢/kWh			4.309		4.767			1.655				1.020	1.020	1.020			1.020	1.020				
16	Energy Chrg - Prem Distrib	¢/kWh				1.375	1.375	0.243																
17	Demand Chrg - Standard	$/kW							6.94		11.11	11.11	11.11				9.23	9.23						
18	Demand Chrg - TOU - Base	$/kW								2.18				1.61	1.61	1.61			1.61	1.61				
19	Demand Chrg - TOU - On Peak	$/kW								1.26				1.32	1.32	1.32			1.32	1.32				
20	Demand Chrg - TOU - Mid Peak	$/kW								4.40				4.75	4.75	4.75			4.75	4.75				
21	Demand Chrg - Prem Distrib Chrg	$/kW							1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.39	1.38	1.38	
22	Demand Chrg - Primary Voltage Cr	$/kW							1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	
23	Demand Chrg - Transmission Voltage Cr	$/kW							5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW							7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	
25	Capacity Chrg - Distrib Capacity	$/kW																			2.71	2.70	2.70	
26	Capacity Chrg - G&T-greater of SB cap or	$/kW																			1.520	1.510	1.510	
27	Capacity Chrg - G&T-greater of daily max	$/kW																			0.720	0.720	0.720	
28	IS/CS Cr	$/kW										7.72	7.72		7.72	7.72		7.72		7.72				
29	IS/CS Cr - greater of SB capacity or	$/kW																				1.170	0.877	
30	IS/CS Cr - greater of daily max demands	$/kW																				0.557	0.418	
31	Meter Voltage Adj - Primary	%				1.0%	1.0%		1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	
32	Meter Voltage Adj - Transmission	%				2.0%	2.0%		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
33	Power Factor	$/kVar																						
34	Equip Rental Chrg	%				1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%				
35	Other Fixture Chrg	%																						1.08%
36	Other Pole Chrg	%																						1.08%
	Rate Codes Excluded Above: SC-1, TS-1, RSL-1, RSL-2, GSLM-1 (closed), GSLM-2, CISR-1, PPS-1, ED-1, EDR-1																							
			91.33																					
	CHANGE FROM PRIOR RATE:																							
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Customer Chrg - Unmetered	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Customer Chrg - Secondary	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Customer Chrg - Primary	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Chrg - Transmission	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Chrg - Secondary - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Customer Chrg - Primary - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Customer Chrg - Transmission - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	CIAC for Metering Cost	$	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Energy Chrg - Standard	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	1.079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	1.347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Energy Chrg - TOU - On Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Energy Chrg - TOU - Off Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Energy Chrg - TOU - Super Off Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Energy Chrg - Prem Distrib	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Demand Chrg - Standard	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Demand Chrg - TOU - Base	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Demand Chrg - TOU - On Peak	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Demand Chrg - TOU - Mid Peak	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Demand Chrg - Prem Distrib Chrg	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Demand Chrg - Primary Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Demand Chrg - Transmission Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Capacity Chrg - Distrib Capacity	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Capacity Chrg - G&T-greater of SB cap or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Capacity Chrg - G&T-greater of daily max	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	IS/CS Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	IS/CS Cr - greater of SB capacity or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	IS/CS Cr - greater of daily max demands	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Meter Voltage Adj - Primary	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Meter Voltage Adj - Transmission	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Power Factor	$/kVar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	DEF Tariff Base Rates	effective	Mar-23 RS-1	Mar-23 RSS-1 (closed)	Mar-23 RST-1 (closed)	Mar-23 GS-1	Mar-23 GST-1	Mar-23 GS-2 100% LF	Mar-23 GSD-1 24 mWh	Mar-23 GSDT-1 24 mwh	Mar-23 CS-1 (closed)	Mar-23 CS-2 500 kW	Mar-23 CS-3 2000 kW	Mar-23 CST-1 (closed)	Mar-23 CST-2 500 kW	Mar-23 CST-3 2000 kW	Mar-23 IS-1	Mar-23 IS-2 500 kW	Mar-23 IST-1 (closed)	Mar-23 IST-2 500 kW	Mar-23 SS-1 Firm	Mar-23 SS-2 IS	Mar-23 SS-3 CS	Mar-23 LS-1
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo																						
2	Customer Chrg - Unmetered	$/mo				8.98		9.25																1.68
3	Customer Chrg - Secondary	$/mo	12.79		12.79	15.89	15.89	16.38	16.38	16.38	89.83	89.83	89.83	89.83	89.83	89.83	329.84	329.84	329.84	329.84	142.29	359.14	119.10	4.81
4	Customer Chrg - Primary	$/mo				200.95	200.95		207.06	207.06	249.42	249.42	249.42	249.42	249.42	249.42	489.43	489.43	489.43	489.43	332.96	518.72	278.68	
5	Customer Chrg - Transmission	$/mo				991.19	991.19		1,021.30	1,021.30	930.85	930.85	930.85	930.85	930.85	930.85	1,170.90	1,170.90	1,170.90	1,170.90	1,147.21	1,200.18	960.15	
6	Customer Chrg - Secondary - CIAC Pd	$/mo			12.79		15.89			16.38											114.72	336.04	96.01	
7	Customer Chrg - Primary - CIAC Pd	$/mo					15.89			207.06														
8	Customer Chrg - Transmission - CIAC Pd	$/mo					15.89			1,021.30														
9	CIAC for Metering Cost	$																						
10	Energy Chrg - Standard	¢/kWh				7.272		2.804	3.035		2.027	2.027	2.027				1.344	1.344			1.344	1.327	1.333	2.914
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	6.775																					
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	7.667																					
13	Energy Chrg - TOU - On Peak	¢/kWh			9.064		9.136			3.346				1.865	1.865	1.865			1.865	1.865				
14	Energy Chrg - TOU - Off Peak	¢/kWh			7.522		8.509			2.754				1.616	1.616	1.616			1.616	1.616				
15	Energy Chrg - TOU - Super Off Peak	¢/kWh			4.309		4.767			1.655				1.020	1.020	1.020			1.020	1.020				
16	Energy Chrg - Prem Distrib	¢/kWh				1.375	1.375	0.243																
17	Demand Chrg - Standard	$/kW							6.94		11.11	11.11	11.11				9.23	9.23						
18	Demand Chrg - TOU - Base	$/kW								2.18				1.61	1.61	1.61			1.61	1.61				
19	Demand Chrg - TOU - On Peak	$/kW								1.26				1.32	1.32	1.32			1.32	1.32				
20	Demand Chrg - TOU - Mid Peak	$/kW								4.40				4.75	4.75	4.75			4.75	4.75				
21	Demand Chrg - Prem Distrib Chrg	$/kW							1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.39	1.38	1.38	
22	Demand Chrg - Primary Voltage Cr	$/kW							1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	
23	Demand Chrg - Transmission Voltage Cr	$/kW							5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW							7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	
25	Capacity Chrg - Distrib Capacity	$/kW																			2.71	2.70	2.70	
26	Capacity Chrg - G&T-greater of SB cap or	$/kW																			1.520	1.510	1.510	
27	Capacity Chrg - G&T-greater of daily max	$/kW																			0.720	0.720	0.720	
28	IS/CS Cr	$/kW										7.72	7.72		7.72	7.72		7.72		7.72				
29	IS/CS Cr - greater of SB capacity or	$/kW																				1.170	0.877	
30	IS/CS Cr - greater of daily max demands	$/kW																				0.557	0.418	
31	Meter Voltage Adj - Primary	%				1.0%	1.0%		1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	
32	Meter Voltage Adj - Transmission	%				2.0%	2.0%		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
33	Power Factor	$/kVar																						
34	Equip Rental Chrg	%				1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%				
35	Other Fixture Chrg	%																						1.08%
36	Other Pole Chrg	%																						1.08%
	Rate Codes Excluded Above: SC-1, TS-1, RSL-1, RSL-2, GS																							
			80.54																					
	CHANGE FROM PRIOR RATE:																							
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Customer Chrg - Unmetered	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Customer Chrg - Secondary	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Customer Chrg - Primary	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Customer Chrg - Transmission	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Customer Chrg - Secondary - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Customer Chrg - Primary - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Customer Chrg - Transmission - CIAC Pd	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	CIAC for Metering Cost	$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Energy Chrg - Standard	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	(1.079)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	(1.347)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Energy Chrg - TOU - On Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Energy Chrg - TOU - Off Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Energy Chrg - TOU - Super Off Peak	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Energy Chrg - Prem Distrib	¢/kWh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Demand Chrg - Standard	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Demand Chrg - TOU - Base	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Demand Chrg - TOU - On Peak	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Demand Chrg - TOU - Mid Peak	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Demand Chrg - Prem Distrib Chrg	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Demand Chrg - Primary Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Demand Chrg - Transmission Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Capacity Chrg - Distrib Capacity	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Capacity Chrg - G&T-greater of SB cap or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Capacity Chrg - G&T-greater of daily max	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	IS/CS Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	IS/CS Cr - greater of SB capacity or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	IS/CS Cr - greater of daily max demands	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Meter Voltage Adj - Primary	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Meter Voltage Adj - Transmission	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Power Factor	$/kVar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	DEF Tariff Base Rates	Effective	Jan-23 RS-1	Jan-23 RSS-1 (closed)	Jan-23 RST-1 (closed)	Jan-23 GS-1	Jan-23 GST-1	Jan-23 GS-2 100% LF	Jan-23 GSD-1 24 mWh	Jan-23 GSDT-1 24 mwh	Jan-23 CS-1 (closed)	Jan-23 CS-2 500 kW	Jan-23 CS-3 2000 kW	Jan-23 CST-1 (closed)	Jan-23 CST-2 500 kW	Jan-23 CST-3 2000 kW	Jan-23 IS-1	Jan-23 IS-2 500 kW	Jan-23 IST-1 (closed)	Jan-23 IST-2 500 kW	Jan-23 SS-1 Firm	Jan-23 SS-2 IS	Jan-23 SS-3 CS	Jan-23 LS-1
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo																						
2	Customer Chrg - Unmetered	$/mo				8.98		9.25																1.68
3	Customer Chrg - Secondary	$/mo	12.79		12.79	15.89	15.89	16.38	16.38	16.38	89.83	89.83	89.83	89.83	89.83	89.83	329.84	329.84	329.84	329.84	142.29	359.14	119.10	4.81
4	Customer Chrg - Primary	$/mo				200.95	200.95		207.06	207.06	249.42	249.42	249.42	249.42	249.42	249.42	489.43	489.43	489.43	489.43	332.96	518.72	278.68	
5	Customer Chrg - Transmission	$/mo				991.19	991.19		1,021.30	1,021.30	930.85	930.85	930.85	930.85	930.85	930.85	1,170.90	1,170.90	1,170.90	1,170.90	1,147.21	1,200.18	960.15	
6	Customer Chrg - Secondary - CIAC Pd	$/mo			12.79		15.89			16.38											114.72	336.04	96.01	
7	Customer Chrg - Primary - CIAC Pd	$/mo					15.89			207.06														
8	Customer Chrg - Transmission - CIAC Pd	$/mo					15.89			1,021.30														
9	CIAC for Metering Cost	$																						
10	Energy Chrg - Standard	¢/kWh				7.272		2.804	3.035		2.027	2.027	2.027				1.344	1.344			1.344	1.327	1.333	2.914
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	7.854																					
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	9.014																					
13	Energy Chrg - TOU - On Peak	¢/kWh			9.064		9.136			3.346				1.865	1.865	1.865			1.865	1.865				
14	Energy Chrg - TOU - Off Peak	¢/kWh			7.522		8.509			2.754				1.616	1.616	1.616			1.616	1.616				
15	Energy Chrg - TOU - Super Off Peak	¢/kWh			4.309		4.767			1.655				1.020	1.020	1.020			1.020	1.020				
16	Energy Chrg - Prem Distrib	¢/kWh				1.375	1.375	0.243																
17	Demand Chrg - Standard	$/kW							6.94		11.11	11.11	11.11				9.23	9.23						
18	Demand Chrg - TOU - Base	$/kW								2.18				1.61	1.61	1.61			1.61	1.61				
19	Demand Chrg - TOU - On Peak	$/kW								1.26				1.32	1.32	1.32			1.32	1.32				
20	Demand Chrg - TOU - Mid Peak	$/kW								4.40				4.75	4.75	4.75			4.75	4.75				
21	Demand Chrg - Prem Distrib Chrg	$/kW							1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.39	1.38	1.38	
22	Demand Chrg - Primary Voltage Cr	$/kW							1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	
23	Demand Chrg - Transmission Voltage Cr	$/kW							5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW							7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	
25	Capacity Chrg - Distrib Capacity	$/kW																			2.71	2.70	2.70	
26	Capacity Chrg - G&T-greater of SB cap or	$/kW																			1.52	1.51	1.51	
27	Capacity Chrg - G&T-greater of daily max	$/kW																			0.72	0.72	0.72	
28	IS/CS Cr	$/kW										7.72	7.72		7.72	7.72		7.72		7.72				
29	IS/CS Cr - greater of SB capacity or	$/kW																				1.170	0.877	
30	IS/CS Cr - greater of daily max demands	$/kW																				0.557	0.418	
31	Meter Voltage Adj - Primary	%				1.0%	1.0%		1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	
32	Meter Voltage Adj - Transmission	%				2.0%	2.0%		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
33	Power Factor	$/kVar																						
34	Equip Rental Chrg	%				1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%				
35	Other Fixture Chrg	%																						1.08%
36	Other Pole Chrg	%																						1.08%
	Rate Codes Excluded Above: SC-1, TS-1, RSL-1, RSL-2, GS																							
			91.33																					
	CHANGE FROM PRIOR RATE:																							
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Customer Chrg - Unmetered	$/mo	-	-	-	0.08	-	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
3	Customer Chrg - Secondary	$/mo	0.12	-	0.12	0.14	0.14	0.15	0.15	0.15	0.81	0.81	0.81	0.81	0.81	0.81	2.97	2.97	2.97	2.97	1.28	3.24	1.07	0.04
4	Customer Chrg - Primary	$/mo	-	-	-	1.81	1.81	-	1.87	1.87	2.25	2.25	2.25	2.25	2.25	2.25	4.41	4.41	4.41	4.41	3.00	4.68	2.51	-
5	Customer Chrg - Transmission	$/mo	-	-	-	8.94	8.94	-	9.21	9.21	8.39	8.39	8.39	8.39	8.39	8.39	10.56	10.56	10.56	10.56	10.35	10.82	8.66	-
6	Customer Chrg - Secondary - CIAC Pd	$/mo	-	-	0.12	-	0.14	-	-	0.15	-	-	-	-	-	-	-	-	-	-	1.03	3.03	0.87	-
7	Customer Chrg - Primary - CIAC Pd	$/mo	-	-	-	-	0.14	-	-	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Customer Chrg - Transmission - CIAC Pd	$/mo	-	-	-	-	0.14	-	-	9.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	CIAC for Metering Cost	$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Energy Chrg - Standard	¢/kWh	-	-	-	0.07	-	0.02	0.03	-	0.02	0.02	0.02	-	-	-	0.01	0.01	-	-	0.01	0.01	0.01	0.03
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Energy Chrg - TOU - On Peak	¢/kWh	-	-	0.08	-	0.08	-	-	0.03	-	-	-	0.02	0.02	0.02	-	-	0.02	0.02	-	-	-	-
14	Energy Chrg - TOU - Off Peak	¢/kWh	-	-	0.07	-	0.08	-	-	0.02	-	-	-	0.02	0.02	0.02	-	-	0.02	0.02	-	-	-	-
15	Energy Chrg - TOU - Super Off Peak	¢/kWh	-	-	0.04	-	0.04	-	-	0.02	-	-	-	0.01	0.01	0.01	-	-	0.01	0.01	-	-	-	-
16	Energy Chrg - Prem Distrib	¢/kWh	-	-	-	0.01	0.01	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Demand Chrg - Standard	$/kW	-	-	-	-	-	-	0.06	-	0.10	0.10	0.10	-	-	-	0.08	0.08	-	-	-	-	-	-
18	Demand Chrg - TOU - Base	$/kW	-	-	-	-	-	-	-	0.02	-	-	-	0.01	0.01	0.01	-	-	0.01	0.01	-	-	-	-
19	Demand Chrg - TOU - On Peak	$/kW	-	-	-	-	-	-	-	0.01	-	-	-	0.01	0.01	0.01	-	-	0.01	0.01	-	-	-	-
20	Demand Chrg - TOU - Mid Peak	$/kW	-	-	-	-	-	-	-	0.04	-	-	-	0.04	0.04	0.04	-	-	0.04	0.04	-	-	-	-
21	Demand Chrg - Prem Distrib Chrg	$/kW	-	-	-	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-
22	Demand Chrg - Primary Voltage Cr	$/kW	-	-	-	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-
23	Demand Chrg - Transmission Voltage Cr	$/kW	-	-	-	-	-	-	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW	-	-	-	-	-	-	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-
25	Capacity Chrg - Distrib Capacity	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	-
26	Capacity Chrg - G&T-greater of SB cap or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.01	0.01	-
27	Capacity Chrg - G&T-greater of daily max	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.01	-
28	IS/CS Cr	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	IS/CS Cr - greater of SB capacity or	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	IS/CS Cr - greater of daily max demands	$/kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Meter Voltage Adj - Primary	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Meter Voltage Adj - Transmission	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Power Factor	$/kVar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	DEF Tariff Base Rates	effective	Jan 23 RS-1	Jan 23 RSS-1 (closed)	Jan 23 RST-1 (closed)	Jan 23 GS-1	Jan 23 GST-1	Jan 23 GS-2 100% LF	Jan 23 GSD-1 24 mWh	Jan 23 GSDT-1 24 mwh	Jan 23 CS-1 (closed)	Jan 23 CS-2 500 kW	Jan 23 CS-3 2000 kW	Jan 23 CST-1 (closed)	Jan 23 CST-2 500 kW	Jan 23 CST-3 2000 kW	Jan 23 IS-1	Jan 23 IS-2 500 kW	Jan 23 IST-1 (closed)	Jan 23 IST-2 500 kW	Jan 23 SS-1 Firm	Jan 23 SS-2 IS	Jan 23 SS-3 CS	Jan 23 LS-1
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo																						
2	Customer Chrg - Unmetered	$/mo				8.90		9.17																1.66
3	Customer Chrg - Secondary	$/mo	12.67		12.67	15.75	15.75	16.23	16.23	16.23	89.02	89.02	89.02	89.02	89.02	89.02	326.87	326.87	326.87	326.87	141.01	355.90	118.03	4.77
4	Customer Chrg - Primary	$/mo				199.14	199.14		205.19	205.19	247.17	247.17	247.17	247.17	247.17	247.17	485.02	485.02	485.02	485.02	329.96	514.04	276.17	
5	Customer Chrg - Transmission	$/mo				982.25	982.25		1,012.09	1,012.09	922.46	922.46	922.46	922.46	922.46	922.46	1,160.34	1,160.34	1,160.34	1,160.34	1,136.86	1,189.36	951.49	
6	Customer Chrg - Secondary - CIAC Pd	$/mo			12.67		15.75			16.23											113.69	333.01	95.14	
7	Customer Chrg - Primary - CIAC Pd	$/mo					15.75			205.19														
8	Customer Chrg - Transmission - CIAC Pd	$/mo					15.75			1,012.09														
9	CIAC for Metering Cost	$																						
10	Energy Chrg - Standard	¢/kWh				7.206		2.779	3.008		2.009	2.009	2.009				1.332	1.332			1.332	1.315	1.321	2.888
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh	7.783																					
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh	8.933																					
13	Energy Chrg - TOU - On Peak	¢/kWh			8.982		9.054			3.316				1.848	1.848	1.848			1.848	1.848				
14	Energy Chrg - TOU - Off Peak	¢/kWh			7.454		8.432			2.729				1.601	1.601	1.601			1.601	1.601				
15	Energy Chrg - TOU - Super Off Peak	¢/kWh			4.270		4.724			1.640				1.011	1.011	1.011			1.011	1.011				
16	Energy Chrg - Prem Distrib	¢/kWh				1.363	1.363	0.241																
17	Demand Chrg - Standard	$/kW							6.88		11.01	11.01	11.01				9.15	9.15						
18	Demand Chrg - TOU - Base	$/kW								2.16				1.60	1.60	1.60			1.60	1.60				
19	Demand Chrg - TOU - On Peak	$/kW								1.25				1.31	1.31	1.31			1.31	1.31				
20	Demand Chrg - TOU - Mid Peak	$/kW								4.36				4.71	4.71	4.71			4.71	4.71				
21	Demand Chrg - Prem Distrib Chrg	$/kW							1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.38	1.37	1.37	
22	Demand Chrg - Primary Voltage Cr	$/kW							1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	
23	Demand Chrg - Transmission Voltage Cr	$/kW							5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW							7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	
25	Capacity Chrg - Distrib Capacity	$/kW																			2.69	2.68	2.68	
26	Capacity Chrg - G&T-greater of SB cap or	$/kW																			1.504	1.501	1.501	
27	Capacity Chrg - G&T-greater of daily max	$/kW																			0.716	0.715	0.715	
28	IS/CS Cr	$/kW										7.72	7.72		7.72	7.72		7.72		7.72				
29	IS/CS Cr - greater of SB capacity or	$/kW																				1.170	0.877	
30	IS/CS Cr - greater of daily max demands	$/kW																				0.557	0.418	
31	Meter Voltage Adj - Primary	%				1.0%	1.0%		1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	
32	Meter Voltage Adj - Transmission	%				2.0%	2.0%		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
33	Power Factor	$/kVar																						
34	Equip Rental Chrg	%				1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%				
35	Other Fixture Chrg	%																						1.08%
36	Other Pole Chrg	%																						1.08%
	Rate Codes Excluded Above: SC-1, TS-1, RSL-1, RSL-2, GS																							
			90.50																					
	CHANGE FROM PRIOR RATE:																							
1	Customer Chrg - Seasonal (Mar-Oct)	$/mo																						
2	Customer Chrg - Unmetered	$/mo																						
3	Customer Chrg - Secondary	$/mo																						
4	Customer Chrg - Primary	$/mo																						
5	Customer Chrg - Transmission	$/mo																						
6	Customer Chrg - Secondary - CIAC Pd	$/mo																						
7	Customer Chrg - Primary - CIAC Pd	$/mo																						
8	Customer Chrg - Transmission - CIAC Pd	$/mo																						
9	CIAC for Metering Cost	$																						
10	Energy Chrg - Standard	¢/kWh																						
11	Energy Chrg - Standard <= 1,000 kWh	¢/kWh																						
12	Energy Chrg - Standard > 1,000 kWh	¢/kWh																						
13	Energy Chrg - TOU - On Peak	¢/kWh																						
14	Energy Chrg - TOU - Off Peak	¢/kWh																						
15	Energy Chrg - TOU - Super Off Peak	¢/kWh																						
16	Energy Chrg - Prem Distrib	¢/kWh																						
17	Demand Chrg - Standard	$/kW																						
18	Demand Chrg - TOU - Base	$/kW																						
19	Demand Chrg - TOU - On Peak	$/kW																						
20	Demand Chrg - TOU - Mid Peak	$/kW																						
21	Demand Chrg - Prem Distrib Chrg	$/kW																						
22	Demand Chrg - Primary Voltage Cr	$/kW																						
23	Demand Chrg - Transmission Voltage Cr	$/kW																						
24	Demand Chrg - Transmission > 230 Voltage Cr	$/kW																						
25	Capacity Chrg - Distrib Capacity	$/kW																						
26	Capacity Chrg - G&T-greater of SB cap or	$/kW																						
27	Capacity Chrg - G&T-greater of daily max	$/kW																						
28	IS/CS Cr	$/kW																						
29	IS/CS Cr - greater of SB capacity or	$/kW																						
30	IS/CS Cr - greater of daily max demands	$/kW																						
31	Meter Voltage Adj - Primary	%																						
32	Meter Voltage Adj - Transmission	%																						
33	Power Factor	$/kVar																						

DEF Base Sales and Revenue Forecast by Class (Excludes CEC and Minimum Bill Revenue)

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
Rates Effective:	1/1/2023	1/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	3/1/2023	12/1/2023	
Billed mWh:													
RS-1	1,602,524	1,275,578	1,389,372	1,477,710	1,958,078	2,227,666	2,415,127	2,328,810	1,995,223	1,627,209	1,272,017	1,617,687	21,187,001
GS-1	61,262	58,061	62,702	77,966	92,295	125,319	126,187	136,325	141,658	124,253	90,726	69,180	1,165,933
GS-2	18,031	16,329	16,043	16,726	16,824	17,595	18,255	17,805	17,523	17,458	17,248	17,392	207,230
GSD	1,044,330	968,835	997,179	1,053,531	1,157,167	1,226,750	1,294,122	1,336,555	1,308,664	1,251,889	1,139,343	1,043,904	13,822,270
CS	5,679	8,133	1,669	4,853	5,647	4,645	5,456	5,401	4,967	4,967	5,073	4,700	61,189
IS	200,510	192,672	215,544	207,745	199,154	233,659	220,559	224,280	218,809	210,577	208,689	208,454	2,540,650
LS	29,377	28,030	26,471	27,227	28,042	28,059	28,392	28,266	26,308	26,593	25,879	28,001	330,646
SS-1	7,236	7,633	6,046	6,109	4,651	2,921	2,288	4,977	6,777	6,063	7,621	7,861	70,181
SS-2	4,031	3,138	10,626	11,031	5,956	7,984	5,149	4,399	7,021	2,309	2,359	3,854	67,856
SS-3	7,356	10,773	880	8,112	3,719	5,187	5,290	5,675	6,636	10,111	8,662	9,428	81,829
	2,980,335	2,569,181	2,726,532	2,891,011	3,471,533	3,879,783	4,120,825	4,092,492	3,733,586	3,281,429	2,777,617	3,010,461	39,534,784
Billed Energy Revenue:													
RS-1	126,859,440	100,467,985	96,237,705	102,443,077	136,418,267	156,652,391	170,675,722	164,330,675	140,901,488	114,173,201	88,686,664	127,364,467	1,525,211,082
GS-1	4,403,158	4,156,980	4,514,031	5,617,424	6,669,299	9,067,034	9,108,842	9,845,768	10,233,446	8,978,506	6,542,321	4,972,872	84,109,682
GS-2	501,071	453,777	445,843	464,807	467,533	488,963	507,315	494,807	486,975	485,163	479,333	483,322	5,758,909
GSD	27,933,493	25,787,631	26,636,984	28,341,376	31,457,079	33,452,257	35,408,312	36,666,407	35,857,544	34,228,153	30,833,640	27,851,712	374,454,588
CS	87,345	128,011	20,754	73,824	87,385	70,472	83,824	83,156	75,859	75,909	77,636	71,163	935,338
IS	3,066,669	2,943,237	3,306,255	3,198,754	3,053,666	3,626,450	3,416,585	3,470,312	3,383,506	3,247,187	3,203,795	3,202,336	39,118,754
LS	848,412	809,514	764,482	786,328	809,848	810,337	819,969	816,318	759,780	768,017	747,372	808,666	9,549,044
SS-1	96,385	101,666	80,538	81,370	61,950	38,903	30,471	66,292	90,269	80,755	101,511	104,704	934,814
SS-2	53,006	41,264	139,731	145,062	78,323	104,986	67,715	57,841	92,320	30,359	31,026	50,677	892,311
SS-3	97,167	142,317	11,620	107,162	49,123	68,519	69,878	74,971	87,656	133,565	114,431	124,548	1,080,956
	163,946,146	135,032,383	132,157,943	141,259,184	179,152,471	204,380,312	220,188,635	215,906,547	191,968,843	162,200,815	130,817,730	165,034,468	2,042,045,477
Billed Demand KW:													
RS-1													
GS-1													
GS-2													
GSD	3,191,979	2,985,985	3,058,512	3,167,283	3,394,247	3,611,370	3,766,329	3,855,355	3,798,302	3,627,319	3,402,622	3,245,758	41,105,060
CS	26,135	35,440	11,177	22,671	24,866	21,669	24,943	24,239	22,810	22,692	23,155	24,913	284,708
IS	617,158	602,187	652,498	619,651	584,035	671,535	638,850	644,496	633,283	609,356	622,434	624,684	7,520,166
LS													
SS-1	20,743	20,327	27,754	25,339	12,015	9,048	7,460	13,539	17,167	16,094	28,149	33,154	230,789
SS-2	20,062	19,470	54,570	55,808	30,340	37,234	24,486	22,980	32,325	10,494	21,795	36,052	365,617
SS-3	19,716	30,042	2,858	21,963	10,321	15,405	16,295	16,857	19,313	26,742	30,544	33,245	243,302
	3,895,794	3,693,450	3,807,368	3,912,714	4,055,825	4,366,260	4,478,363	4,577,466	4,523,199	4,312,696	4,128,700	3,997,806	49,749,641
Billed Demand Revenue (including delivery voltage credits):													
RS-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-2	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	21,549,663	20,727,857	21,212,639	22,054,934	23,669,879	24,682,800	25,435,900	26,012,001	25,722,383	24,927,231	23,343,120	21,613,653	280,952,060
CS	128,157	157,413	79,432	119,514	131,928	117,790	126,754	127,888	121,934	122,349	123,391	140,893	1,497,442
IS	2,598,551	2,507,517	2,720,324	2,632,370	2,746,342	2,960,295	2,801,881	2,893,088	2,795,935	2,762,232	2,501,240	2,413,002	32,332,777
LS	-	-	-	-	-	-	-	-	-	-	-	-	-
SS-1	205,534	211,182	188,571	181,895	136,892	111,851	106,299	155,590	188,409	173,602	252,763	267,174	2,179,762
SS-2	172,681	133,528	346,732	372,866	202,308	281,017	190,756	176,505	249,945	122,163	129,394	177,433	2,555,329
SS-3	166,482	253,676	24,131	185,454	87,153	130,076	137,599	142,340	163,082	225,807	257,918	280,722	2,054,441
	24,821,069	23,991,174	24,571,830	25,547,033	26,974,502	28,283,830	28,799,187	29,507,411	29,241,689	28,333,384	26,607,826	24,892,877	321,571,812

DEF Base Sales and Revenue Forecast by Class (Excludes CEC and Minimum Bill Revenue)

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
Total Billed Energy & Demand Revenue:													
RS-1	126,859,440	100,467,985	96,237,705	102,443,077	136,418,267	156,652,391	170,675,722	164,330,675	140,901,488	114,173,201	88,686,664	127,364,467	1,525,211,082
GS-1	4,403,158	4,156,980	4,514,031	5,617,424	6,669,299	9,067,034	9,108,842	9,845,768	10,233,446	8,978,506	6,542,321	4,972,872	84,109,682
GS-2	501,071	453,777	445,843	464,807	467,533	488,963	507,315	494,807	486,975	485,163	479,333	483,322	5,758,909
GSD	49,483,157	46,515,489	47,849,623	50,396,310	55,126,958	58,135,057	60,844,212	62,678,407	61,579,926	59,155,384	54,176,760	49,465,365	655,406,648
CS	215,502	285,424	100,186	193,338	219,312	188,261	210,578	211,044	197,794	198,257	201,028	212,056	2,432,780
IS	5,665,220	5,450,754	6,026,579	5,831,125	5,800,007	6,586,745	6,218,466	6,363,400	6,179,441	6,009,420	5,705,035	5,615,339	71,451,531
LS	848,412	809,514	764,482	786,328	809,848	810,337	819,969	816,318	759,780	768,017	747,372	808,666	9,549,044
SS-1	301,919	312,848	269,109	263,265	198,842	150,754	136,770	221,882	278,678	254,357	354,274	371,878	3,114,576
SS-2	225,687	174,792	486,463	517,928	280,631	386,004	258,471	234,346	342,265	152,522	160,420	228,110	3,447,640
SS-3	263,649	395,993	35,751	292,616	136,276	198,595	207,477	217,311	250,738	359,372	372,349	405,270	3,135,398
	188,767,215	159,023,557	156,729,773	166,806,217	206,126,973	232,664,141	248,987,822	245,413,958	221,210,532	190,534,199	157,425,556	189,927,345	2,363,617,289
Unbilled mWh:													
RS-1	31,606	63,779	(10,678)	(62,515)	(97,904)	(87,853)	(103,077)	(11,440)	99,761	81,360	63,601	(80,884)	(114,244)
GS-1	(4,583)	(1,755)	9,921	8,172	17,700	5,899	6,174	(4,634)	(7,506)	(11,234)	(16,753)	(4,086)	(2,684)
GS-2	(611)	(267)	1,222	872	1,766	479	472	(253)	(601)	(928)	(1,695)	(490)	(35)
GSD	(27,495)	(9,513)	55,720	44,521	97,601	30,173	34,473	(28,281)	(37,710)	(58,667)	(92,090)	(22,759)	(14,028)
CS	(25)	14	30	57	103	51	84	(131)	(39)	(82)	(101)	(18)	(57)
IS	(1,116)	(384)	2,206	1,709	3,782	1,166	1,303	(1,189)	(1,531)	(2,401)	(3,814)	(979)	(1,247)
LS	(612)	13	1,116	1,007	2,118	665	936	(1,127)	(623)	(1,254)	(1,939)	(624)	(323)
SS-1	(100)	41	136	207	243	46	69	(260)	(138)	(319)	(417)	(81)	(573)
SS-2	(0)	(0)	(2)	(3)	(2)	(2)	(1)	(1)	(2)	(1)	(0)	(1)	(16)
SS-3	(1)	(1)	(0)	(3)	(1)	(1)	(1)	(1)	(2)	(3)	(2)	(1)	(18)
	(2,936)	51,927	59,671	(5,977)	25,405	(49,379)	(59,567)	(47,316)	51,608	6,473	(53,211)	(109,922)	(133,224)
Unbilled Demand and Energy Revenue:													
RS-1	2,501,998	5,023,399	(739,635)	(4,333,921)	(6,820,913)	(6,177,967)	(7,284,363)	(807,228)	7,045,075	5,708,660	4,434,333	(6,368,224)	(7,818,785)
GS-1	(329,388)	(125,626)	714,260	588,811	1,278,987	426,768	445,655	(334,660)	(542,223)	(811,735)	(1,208,080)	(293,704)	(190,937)
GS-2	(16,966)	(7,416)	33,948	24,229	49,078	13,321	13,122	(7,043)	(16,711)	(25,784)	(47,111)	(13,628)	(962)
GSD	(1,302,775)	(456,723)	2,673,731	2,129,684	4,649,677	1,429,863	1,620,766	(1,326,265)	(1,774,488)	(2,772,193)	(4,378,963)	(1,078,433)	(586,119)
CS	(956)	503	1,787	2,268	3,985	2,070	3,259	(5,119)	(1,565)	(3,274)	(4,005)	(791)	(1,839)
IS	(31,520)	(10,872)	61,692	47,960	110,132	32,859	36,743	(33,725)	(43,232)	(68,509)	(104,272)	(26,365)	(29,108)
LS	(17,679)	372	32,229	29,084	61,170	19,197	27,044	(32,533)	(17,982)	(36,217)	(56,004)	(18,007)	(9,327)
SS-1	(4,167)	1,687	6,039	8,908	10,371	2,367	4,124	(11,571)	(5,695)	(13,365)	(19,368)	(3,813)	(24,485)
SS-2	(27)	(22)	(84)	(161)	(90)	(98)	(65)	(51)	(101)	(42)	(30)	(33)	(804)
SS-3	(31)	(50)	(6)	(91)	(44)	(50)	(52)	(47)	(74)	(99)	(69)	(58)	(673)
	798,489	4,425,252	2,783,960	(1,503,231)	(657,647)	(4,251,671)	(5,133,768)	(2,558,243)	4,643,003	1,977,441	(1,383,569)	(7,803,055)	(8,663,039)
Total Demand and Energy Revenue (billed & unbilled):													
RS-1	129,361,438	105,491,385	95,498,070	98,109,156	129,597,353	150,474,423	163,391,359	163,523,447	147,946,562	119,881,861	93,120,998	120,996,244	1,517,392,297
GS-1	4,073,770	4,031,353	5,228,291	6,206,235	7,948,286	9,493,803	9,554,497	9,511,108	9,691,224	8,166,770	5,334,241	4,679,168	83,918,744
GS-2	484,105	446,361	479,791	489,036	516,611	502,284	520,437	487,764	470,264	459,379	432,222	469,694	5,757,947
GSD	48,180,381	46,058,766	50,523,354	52,525,994	59,776,635	59,564,920	62,464,978	61,352,142	59,805,438	56,383,191	49,797,797	48,386,933	654,820,529
CS	214,545	285,928	101,973	195,606	223,298	190,331	213,837	205,925	196,229	194,983	197,022	211,265	2,430,942
IS	5,633,701	5,439,881	6,088,271	5,879,084	5,910,140	6,619,604	6,255,208	6,329,675	6,136,209	5,940,911	5,600,763	5,588,974	71,422,422
LS	830,733	809,886	796,711	815,412	871,018	829,534	847,013	783,784	741,798	731,800	691,369	790,659	9,539,717
SS-1	297,752	314,535	275,148	272,172	209,213	153,121	140,894	210,312	272,983	240,992	334,905	368,065	3,090,091
SS-2	225,660	174,770	486,379	517,767	280,541	385,906	258,406	234,295	342,164	152,480	160,390	228,077	3,446,836
SS-3	263,618	395,943	35,745	292,524	136,232	198,545	207,425	217,264	250,664	359,273	372,279	405,212	3,134,725
	189,565,704	163,448,809	159,513,733	165,302,986	205,469,326	228,412,471	243,854,054	242,855,716	225,853,535	192,511,640	156,041,987	182,124,290	2,354,954,251

DEF Base Sales and Revenue Forecast by Class (Excludes CEC and Minimum Bill Revenue)

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
Number of Customers:													
RS-1	1,736,125	1,739,256	1,742,593	1,745,667	1,748,777	1,751,802	1,754,851	1,757,778	1,760,746	1,763,684	1,729,026	1,732,211	20,962,516
GS-1	58,290	58,712	59,196	59,290	59,542	59,761	59,867	60,082	61,520	60,781	51,256	51,800	700,096
GS-2	15,148	15,288	15,234	15,339	15,383	15,214	15,225	15,354	15,344	15,347	14,186	14,354	181,417
GSD	127,240	127,183	127,562	127,268	127,283	127,061	127,153	127,140	126,262	127,176	124,455	124,476	1,520,258
CS	3	4	3	3	3	3	2	2	5	3	3	14	49
IS	186	187	196	185	190	188	187	187	247	192	204	197	2,346
LS	64,821	64,699	63,804	64,150	64,136	64,586	64,739	64,632	64,147	64,191	65,452	64,245	773,603
SS-1	12	12	10	10	10	10	10	10	12	10	12	10	128
SS-2	3	3	5	3	3	3	3	3	6	3	3	3	41
SS-3	1	2	1	1	1	1	-	1	29	1	2	1	41
	2,001,829	2,005,347	2,008,604	2,011,916	2,015,328	2,018,628	2,022,037	2,025,190	2,028,318	2,031,388	1,984,599	1,987,311	24,140,495
Customer Revenue:													
RS-1	21,996,708	22,036,376	22,078,653	22,117,598	22,157,008	22,195,329	22,233,956	22,271,050	22,308,650	22,345,882	21,906,761	21,947,109	265,595,081
GS-1	934,621	941,314	948,997	950,493	954,485	957,960	959,653	963,057	985,885	974,160	822,989	831,628	11,225,243
GS-2	240,114	242,340	241,489	243,146	243,852	241,167	241,344	243,394	243,226	243,278	224,878	227,537	2,875,765
GSD	2,126,097	2,125,112	2,131,728	2,126,598	2,126,860	2,122,967	2,124,590	2,124,351	2,108,994	2,124,981	2,077,404	2,077,782	25,397,463
CS	779	1,035	720	748	748	784	524	517	1,340	747	684	3,498	12,126
IS	83,109	83,641	87,630	82,417	84,667	84,027	83,373	83,609	110,228	85,445	90,824	87,813	1,046,783
LS	109,725	109,504	107,890	108,514	108,488	109,300	109,576	109,383	108,508	108,588	118,074	115,897	1,323,448
SS-1	2,662	2,662	2,218	2,218	2,218	2,218	2,218	2,218	2,662	2,218	2,662	2,218	28,394
SS-2	2,217	2,217	3,921	2,217	2,217	2,217	2,217	2,217	4,435	2,217	2,217	2,217	30,530
SS-3	95	190	95	95	95	95	-	95	2,759	95	190	95	3,901
	25,496,128	25,544,392	25,603,343	25,634,046	25,680,638	25,716,064	25,757,453	25,799,893	25,876,685	25,887,611	25,246,685	25,295,796	307,538,734
Total Billed Energy, Demand & Customer Revenue:													
RS-1	148,856,148	122,504,361	118,316,359	124,560,675	158,575,274	178,847,720	192,909,679	186,601,725	163,210,137	136,519,083	110,593,425	149,311,576	1,790,806,163
GS-1	5,337,779	5,098,294	5,463,028	6,567,917	7,623,784	10,024,994	10,068,495	10,808,826	11,219,331	9,952,666	7,365,310	5,804,501	95,334,924
GS-2	741,185	696,118	687,333	707,953	711,385	730,130	748,659	738,201	730,201	728,441	704,211	710,858	8,634,674
GSD	51,609,254	48,640,600	49,981,352	52,522,908	57,253,817	60,258,024	62,968,802	64,802,758	63,688,920	61,280,364	56,254,164	51,543,148	680,804,111
CS	216,281	286,460	100,906	194,086	220,061	189,046	211,102	211,561	199,133	199,004	201,711	215,554	2,444,906
IS	5,748,330	5,534,395	6,114,209	5,913,542	5,884,674	6,670,771	6,301,839	6,447,009	6,289,669	6,094,865	5,795,859	5,703,152	72,498,314
LS	958,137	919,018	872,372	894,842	918,336	919,638	929,546	925,701	868,288	876,605	865,447	924,563	10,872,492
SS-1	304,581	315,510	271,327	265,483	201,061	152,972	138,988	224,101	281,340	256,575	356,936	374,096	3,142,970
SS-2	227,904	177,010	490,384	520,146	282,848	388,221	260,688	236,564	346,700	154,740	162,638	230,327	3,478,170
SS-3	263,745	396,184	35,846	292,711	136,371	198,690	207,477	217,406	253,497	359,467	372,539	405,365	3,139,298
	214,263,343	184,567,949	182,333,116	192,440,263	231,807,611	258,380,206	274,745,275	271,213,851	247,087,217	216,421,810	182,672,241	215,223,141	2,671,156,023
Total Billed and Unbilled Energy, Demand & Customer Revenue:													
RS-1	151,358,146	127,527,761	117,576,724	120,226,754	151,754,361	172,669,752	185,625,316	185,794,497	170,255,212	142,227,743	115,027,759	142,943,353	1,782,987,378
GS-1	5,008,390	4,972,668	6,177,288	7,156,728	8,902,771	10,451,762	10,514,150	10,474,165	10,677,109	9,140,930	6,157,230	5,510,796	95,143,987
GS-2	724,218	688,702	721,280	732,182	760,463	743,451	761,781	731,158	713,490	702,656	657,100	697,231	8,633,712
GSD	50,306,479	48,183,878	52,655,082	54,652,592	61,903,495	61,687,887	64,589,568	63,476,492	61,914,432	58,508,172	51,875,201	50,464,715	680,217,993
CS	215,324	286,963	102,693	196,354	224,046	191,116	214,362	206,442	197,568	195,729	197,706	214,763	2,443,067
IS	5,716,810	5,523,522	6,175,901	5,961,502	5,994,806	6,703,631	6,338,582	6,413,284	6,246,437	6,026,356	5,691,587	5,676,787	72,469,206
LS	940,458	919,390	904,601	923,926	979,506	938,834	956,589	893,168	850,306	840,388	809,443	906,556	10,863,165
SS-1	300,414	317,197	277,366	274,391	211,431	155,339	143,112	212,530	275,645	243,210	337,567	370,283	3,118,485
SS-2	227,878	176,988	490,300	519,984	282,758	388,123	260,623	236,513	346,599	154,698	162,608	230,295	3,477,366
SS-3	263,714	396,134	35,840	292,620	136,327	198,640	207,425	217,359	253,423	359,368	372,470	405,307	3,138,625
	215,061,832	188,993,201	185,117,076	190,937,032	231,149,964	254,128,535	269,611,507	268,655,609	251,730,221	218,399,251	181,288,671	207,420,086	2,662,492,984

DEF Retail Forecast by Rate Code

								Historical Year										Percentages									Forecast Year								
Rate Class	Rate Code	Del	Met	Rate Sch.	Ref. to Rate Tab			Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW	Power Factor Adj		Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW		Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW	
RS-1	1	S	S	RS-1	RS-1	Standard		14,452,157	15,406,827,272	15,406,827,272			-	-				72.5213%	72.7752%								15,201,509	15,418,885,837	15,418,885,837						
RS-1	91	S	S	RSL-1	RS-1	Standard	LM	4,996,540	5,522,017,578	5,522,017,578			17	-				25.0728%	26.0836%								5,255,613	5,526,339,533	5,526,339,533						
RS-1	201	S	S	RSS-1	RS-1	Standard		325,575	154,791,431	154,791,431			-	-				1.6337%	0.7312%								342,456	154,912,583	154,912,583						
RS-1	291	S	S	RSSL-1	RS-1	Standard	LM	153,565	86,277,131	86,277,131			-	-				0.7706%	0.4075%								161,527	86,344,658	86,344,658						
								19,927,837	21,169,913,412	21,169,913,412			17	-				99.9984%	99.9976%								20,961,105	21,186,482,610	21,186,482,610						
				<=1,000 kW	RS-1																														
				>1,000 kW	RS-1																														
RS-1	51	S	S	RST-1	RST-1	TOU		325	518,498	377,729	140,768		-	-				0.0016%	0.0024%	72.8507%	27.1493%	0.0000%					342	518,903	378,025	140,878	-				
RS-1	101	S	S	RST-1	RST-1	TOU		-	-	-	-		-	-				0.0000%	0.0000%	0.0000%	0.0000%	0.0000%					-	-	-	-	-				
								325	518,498	377,729	140,768	-	-	-				0.0016%	0.0024%								342	518,903	378,025	140,878	-				
Total RS								19,928,162	21,170,431,910	21,170,291,141	140,768	-	17	-				100.0000%	100.0000%								20,961,447	21,187,001,514	21,186,860,635	140,878	-				
																											-	-	-						
GS-1	161	S	S	GSLM-2	GS-1	Standard	LM	-	-	-			-	-				0.0000%	0.0000%								-	-							
GS-1	90	S	S	GS-1	GS-1	Standard	UM	544	339,637	339,637			-	-				0.0337%	0.0150%								555	334,532	334,532						
GS-1	66	S	S	GS-1	GS-1	Standard	UM	5,136	541,809	541,809			-	-				0.3184%	0.0240%								5,243	533,666	533,666						
GS-1	60	S	S	GS-1	GS-1	Standard		1,589,324	2,110,765,597	2,110,765,597			46,584	-				98.5345%	93.3892%								1,622,377	2,079,041,960	2,079,041,960						
GS-1	61	S	S	GSLM-1	GS-1	Standard	LM	233	399,791	399,791			-	-				0.0144%	0.0177%								238	393,782	393,782						
								1,595,237	2,112,046,834	2,112,046,834		-	46,584	-				98.9011%	93.4459%								1,628,413	2,080,303,940	2,080,303,940						
GS-1	62	P	P	GS-1	GS-1	Standard		1,146	11,650,202	11,650,202			53,367	-				0.0710%	0.5155%								1,170	11,475,106	11,475,106						
														-																					
GS-1	50	S	S	GST-1	GST-1	TOU		13,653	123,859,961	93,049,761	30,810,201		6,652	1,868				0.8465%	5.4801%	75.1250%	24.8750%	0.0000%					13,937	121,998,415	91,651,274	30,347,140	-				
GS-1	100	S	S	GST-1	GST-1	TOU		2,821	9,273,069	6,759,611	2,513,458		1,215	912				0.1749%	0.4103%	72.8951%	27.1049%	0.0000%					2,880	9,133,700	6,658,018	2,475,682	-				
GS-1	102	S	S	GST-1	GST-1	TOU	LM	20	78,600	56,760	21,840		-	-				0.0012%	0.0035%	72.2137%	27.7863%	0.0000%					20	77,419	55,907	21,512	-				
GS-1	105	S	P	GST-1	GST-1	TOU		19	42,067	42,067	-		-	-				0.0012%	0.0019%	100.0000%	0.0000%	0.0000%					19	41,435	41,435	-	-				
GS-1	130	S	S	GST-1	GST-1	TOU		-	-	-	-		-	-				0.0000%	0.0000%	0.0000%	0.0000%	0.0000%					-	-	-	-	-				
								16,513	133,253,697	99,908,199	33,345,499	-	7,867	2,780				1.0238%	5.8957%								16,856	131,250,968	98,406,634	32,844,334	-				
GS-1	52	P	P	GST-1	GST-1	TOU		56	754,635	566,860	187,775		-	-				0.0035%	0.0334%	75.1171%	24.8829%	0.0000%					57	743,293	558,341	184,953	-				
GS-1	104	T	T	GST-1	GST-1	TOU		10	2,475,424	2,279,401	196,023		-	-				0.0006%	0.1095%	92.0812%	7.9188%	0.0000%					10	2,438,220	2,245,143	193,077	-				
Total GS-1								1,612,962	2,260,180,793	2,226,451,496	33,729,297	-	107,818	2,780				100.0000%	100.0000%								1,646,506	2,226,211,528	2,192,989,164	33,222,364	-				
																											-	-	-						
GS-2	67	S	S	GS-2	GS-2	Standard	UM	4,995	1,896,311	1,896,311			-	-				2.8104%	0.9014%								5,098	1,867,996	1,867,996						
GS-2	76	S	S	GS-2	GS-2	Standard	UM	4,529	413,018	413,018			-	-				2.5482%	0.1963%								4,623	406,851	406,851						
								9,524	2,309,329	2,309,329			-	-				5.3585%	1.0977%								9,721	2,274,847	2,274,847						
GS-2	27	S	S	GS-2	GS-2	Standard		20,244	8,005,619	8,005,619			-	-				11.3900%	3.8055%								20,663	7,886,083	7,886,083						
GS-2	28	S	S	GS-2	GS-2	Standard		147,967	200,055,744	200,055,744			99	-				83.2515%	95.0968%								151,032	197,068,608	197,068,608						
								168,211	208,061,363	208,061,363			99	-				94.6415%	98.9023%								171,696	204,954,691	204,954,691						
Total GS-2								177,735	210,370,692	210,370,692			99	-				100.0000%	100.0000%								181,417	207,229,538	207,229,538						
																											-	-	-						
GSD	8	S	P	GSD-1	GSD-1	Standard		16	61,151	61,151			214	-	-			0.0028%	0.0005%				0.0006%				16	60,548	60,548				212		
GSD	70	S	S	GSD-1	GSD-1	Standard		383,036	3,248,730,257	3,248,730,257			12,125,580	-	(4,461)			67.9848%	25.2054%				36.1961%				390,822	3,216,708,092	3,216,708,092				12,006,060		
GSD	71	S	S	GSLM-1	GSD-1	Standard	LM	265	2,647,919	2,647,919			8,527	-	-			0.0470%	0.0205%				0.0255%				270	2,621,819	2,621,819				8,443		
GSD	171	S	S	GSLM-2	GSD-1	Standard	LM	50	7,036,400	7,036,400			17,595	-	-			0.0089%	0.0546%				0.0525%				51	6,967,043	6,967,043				17,422		
GSD	829	S	S	GSD-1	GSD-1	Standard		3	99,268	99,268			514	-	-			0.0005%	0.0008%				0.0015%				3	98,290	98,290				509		
								383,370	3,258,574,995	3,258,574,995			12,152,430	-	(4,461)			68.0441%	25.2818%				36.2763%				391,162	3,226,455,792	3,226,455,792				12,032,646		
GSD	72	P	P	GSD-1	GSD-1	Standard		857	70,429,507	70,429,507			258,172	-	(2,542)			0.1521%	0.5464%				0.7707%				874	69,735,296	69,735,296				255,627		
GSD	73	P	P	GSLM-1	GSD-1	Standard	LM	-	-	-			-	-	-			0.0000%	0.0000%				0.0000%				-	-	-				-		
								857	70,429,507	70,429,507			258,172	-	(2,542)			0.1521%	0.5464%				0.7707%				874	69,735,296	69,735,296				255,627		
GSD	75	T	T	GSLM-1	GSD-1	Standard	LM	3	34,228	34,228			2	-	-			0.0005%	0.0003%				0.0000%				3	33,891	33,891				2		
GSD	53	S	S	GSDT-1	GSDT-1	TOU		171,558	6,968,134,240	4,944,823,073	2,023,311,167		15,949,096	12,642,168	(90,896)			30.4497%	54.0625%	70.9634%	29.0366%	0.0000%	47.6097%	74.6540%	0.0000%		175,045	6,899,450,562	4,896,082,818	2,003,367,744	-	15,791,889	12,517,556	-
GSD	69	S	S	GSLM-1	GSDT-1	TOU	LM	2,936	85,152,030	60,694,734	24,457,296		217,938	204,496	-			0.5211%	0.6607%	71.2781%	28.7219%	0.0000%	0.6506%	1.2076%	0.0000%		2,996	84,312,701	60,096,477	24,216,225	-	215,790	202,480	-
GSD	107	S	P	GSDT-1	GSDT-1	TOU		28	18,669,261	13,687,186	4,982,075		32,375	31,436	(3,802)			0.0050%	0.1448%	73.3140%	26.6860%	0.0000%	0.0966%	0.1856%	0.0000%		29	18,485,241	13,552,274	4,932,968	-	32,056	31,126	-
GSD	109	S	S	GSDT-1	GSDT-1	TOU	LM	-	-	-	-		-	-	-			0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%		-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	GSDT-1	TOU	LM Standby	1,588	355,265,166	250,374,376	104,890,790		634,801	622,542	(3,475)			0.2819%	2.7563%	70.4754%	29.5246%	0.0000%	1.8949%	3.6762%	0.0000%		1,620	351,763,380	247,906,480	103,856,900	-	628,544	616,406	-
GSD	620	S	S	GSDT-1	GSDT-1	TOU	Econ Dev	20	3,125,600	2,154,400	971,200		7,996	7,648	-			0.0035%	0.0243%	68.9276%	31.0724%	0.0000%	0.0239%	0.0452%	0.0000%		20	3,094,792	2,133,164	961,627	-	7,917	7,573	-
GSD	621	S	S	GSDT-1	GSDT-1	TOU	Econ Dev	-	-	-	-		-	-	-			0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%		-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	GSDT-1	TOU	LM Standby Econ De	16	13,096,949	9,408,178	3,688,771		25,946	25,663	(555)			0.0028%	0.1016%	71.8349%	28.1651%	0.0000%	0.0775%	0.1515%	0.0000%		16	12,967,855	9,315,443	3,652,411	-	25,690	25,410	-
GSD	623	S	S	GSDT-1	GSDT-1	TOU	Econ Dev	3	842,600	568,000	274,600		2,218	2,198	-			0.0005%	0.0065%	67.4104%	32.5896%	0.0000%	0.0066%	0.0130%	0.0000%		3	834,295	562,401	271,893	-	2,196	2,176	-
GSD	624	S	S	GSDT-1	GSDT-1	TOU	Econ Dev	-	-	-	-		-	-	-			0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%		-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	GSDT-1	TOU	Econ Dev-R	10	1,616,175	1,107,710	508,465		4,342	4,219	-			0.0018%	0.0125%	68.5390%	31.4610%	0.0000%	0.0130%	0.0249%	0.0000%		10	1,600,245	1,096,791	503,453	-	4,299	4,177	-
GSD	834	S	S	GSDT-1	GSDT-1	TOU	Prem Dist Chrg	215	74,905,984	54,690,573	20,215,411		139,702	132,716	(5,651)			0.0382%	0.5812%	73.0123%	26.9877%	0.0000%	0.4170%	0.7837%	0.0000%		219	74,167,649	54,151,498	20,016,151	-	138,325	131,408	-
GSD	851	S	S	GSLM-2	GSDT-1	TOU	Prem Dist Chrg	20	20,101,200	14,843,400	5,257,800		36,924	35,082	(4,609)			0.0035%	0.1560%	73.8434%	26.1566%	0.0000%	0.1102%	0.2072%	0.0000%		20	19,903,066	14,697,091	5,205,975	-	36,560	34,736	-
								176,394	7,540,909,205	5,352,351,630	2,188,557,575	-	17,051,338	13,708,168	(108,988)			31.3085%	58.5064%	70.9775%	29.0225%	0.0000%	50.9000%	80.9489%	0.0000%		179,979	7,466,579,784	5,299,594,438	2,166,985,347	-	16,883,266	13,573,049	-
GSD	45	P	P	GSLM-1	GSDT-1	TOU	LM	8	1,464,600	959,700	504,900		3,717	3,717	-			0.0014%	0.0114%	65.5264%	34.4736%	0.0000%	0.0111%	0.0219%	0.0000%		8	1,450,164	950,240	499,923	-	3,680	3,680	-
GSD	54	P	P	GSDT-1	GSDT-1	TOU		2,674	1,489,429,815	1,093,589,163	395,840,652		3,118,178	2,441,311	(164,449)			0.4746%	11.5558%	73.4233%	26.5767%	0.0000%	9.3081%	14.4163%	0.0000%		2,728	1,474,748,766	1,082,809,847	391,938,920	-	3,087,443	2,417,247	-
GSD	145	P	P	GSLM-2	GSDT-1	TOU	LM Standby	61	58,356,348	43,370,148	14,986,200		106,970	103,671	(6,854)			0.0108%	0.4528%	74.3195%	25.6805%	0.0000%	0.3193%	0.6122%	0.0000%		62	57,781,140	42,942,656	14,838,484	-	105,916	102,649	-
GSD	625	P	P	GSDT-1	GSDT-1	TOU	LM Standby	2	1,012,800	746,400	266,400		2,232	2,112	118			0.0004%	0.0079%	73.6967%	26.3033%	0.0000%	0.0067%	0.0125%	0.0000%		2	1,002,817	739,043	263,774	-	2,210	2,091	-
GSD	835	P	P	GSDT-1	GSDT-1	TOU	Prem Dist Chrg	34	69,309,704	51,414,166	17,895,538		106,918	105,676	(5,694)			0.0060%	0.5377%	74.1803%	25.8197%	0.0000%	0.3192%	0.6240%	0.0000%		35	68,626,530	50,907,386	17,719,145	-	105,864	104,634	-
								2,779	1,619,573,267	1,190,079,577	429,493,690	-	3,338,015	2,656,487	(176,880)			0.4932%	12.5655%	73.4811%	26.5189%	0.0000%	9.9643%	15.6870%	0.0000%		2,835	1,603,609,417	1,178,349,172	425,260,246	-	3,305,113	2,630,302	-
GSD	83	T	T	GSDT-1	GSDT-1	TOU		11	399,514,633	292,494,481	107,020,151		699,727	569,694	(21,536)			0.0020%	3.0996%	73.2125%	26.7875%	0.0000%	2.0888%	3.3641%	0.0000%		11	395,576,687	289,611,415	105,965,272	-	692,829	564,079	-
GSD	84	T	P	GSDT-1	GSDT-1	TOU		-	-	-	-		-	-	-			0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%		-	-	-	-	-	-	-	-

DEF Retail Forecast by Rate Code

Rate Class	Rate Code	Del	Met	Ref. to Rate Sch.	Ref. to Detail Tab		Historical Year: Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW	Power Factor Adj
							11	399,514,633	292,494,481	107,020,151	-	699,727	569,694		(21,536)
Total GSD							563,414	12,889,035,835	10,163,964,419	2,725,071,416	-	33,499,683	16,934,348	0	(314,407)
CS	18	S	S	CS-1	CS-1	Standard	-	-	-			-	-		-
CS	280	P	P	CS-2	CS-1	Standard	8	1,926	1,926			2,500	-		-
CS	85	P	P	CST-1	CST-1	TOU	36	61,045,865	46,070,922	14,974,943		215,329	134,268		2,660
CS	285	P	P	CST-2	CST-1	TOU	-	-	-	-		-	-		-
CS	385	P	P	CST-3	CST-1	TOU	-	-	-	-		-	-		-
CS	766	P	P	CST-3	CST-1	TOU	-	-	-	-		-	-		-
							36	61,045,865	46,070,922	14,974,943	-	215,329	134,268	-	2,660
Total CS							44	61,047,791	46,072,848	14,974,943	-	217,829	134,268	0	2,660
IS	44	S	P	IS-1	IS-1	Standard	10	980,100	980,100			3,846	-		-
IS	47	S	S	IS-1	IS-1	Standard	152	13,499,252	13,499,252			55,531	-		-
IS	247	S	S	IS-1	IS-1	Standard	67	8,601,773	8,601,773			38,621	-		(2,001)
							229	23,081,125	23,081,125			97,998	-		(2,001)
IS	46	P	P	IS-1	IS-1	Standard	319	122,704,135	122,704,135			552,285	-		4,760
IS	246	P	P	IS-2	IS-1	Standard	63	55,667,005	55,667,005			138,695	-		5,296
							382	178,371,140	178,371,140			690,979	-		10,056
IS	155	T	P	IS-1	IS-1	Standard	-	-	-			-	-		-
IS	26	S	P	IST-1	IST-1	TOU	10	2,919,900	2,160,600	759,300		5,163	5,058		-
IS	30	S	S	IST-1	IST-1	TOU	49	10,158,187	7,686,361	2,471,825		22,483	15,614		(1,358)
IS	230	S	S	IST-2	IST-1	TOU	767	331,340,430	241,533,492	89,806,938		632,331	515,271		(12,254)
							826	344,418,517	251,380,453	93,038,064	-	659,978	535,943	-	(13,612)
IS	57	P	P	IST-1	IST-1	TOU	382	363,865,549	271,996,727	91,868,822		1,063,097	760,734		(20,838)
IS	59	P	T	IST-1	IST-1	TOU	11	72,396	54,175	18,221		165	143		-
IS	257	P	P	IST-2	IST-1	TOU	312	479,511,422	353,121,808	126,389,614		892,648	700,382		(32,549)
							705	843,449,367	625,172,710	218,276,657	-	1,955,910	1,461,259	-	(53,387)
IS	55	T	T	IST-1	IST-1	TOU	38	49,111,024	36,664,519	12,446,505		137,678	113,387		12,822
IS	156	T	P	IST-1	IST-1	TOU	40	270,774,655	206,639,319	64,135,336		700,931	659,069		9,635
IS	255	T	T	IST-2	IST-1	TOU	62	835,673,962	632,664,139	203,009,824		2,023,803	1,539,661		(147,931)
							140	1,155,559,641	875,967,976	279,591,665	-	2,862,412	2,312,117	-	(125,475)
Total IS							2,282	2,544,879,791	1,953,973,404	590,906,386	-	6,267,276	4,309,319	0	(184,418)
LS	17	S	S	LS-1	LS-1	Co own UM	257,392	306,850,938	306,850,938			3	-		
LS	116	S	S	LS-1	LS-1	Cust own UM	1,090	3,794,045	3,794,045			-	-		
							258,482	310,644,983	310,644,983			3	-		
LS	16	S	S	LS-1	LS-1	Cust own	12,549	22,831,244	22,831,244			-	-		
Total LS							271,031	333,476,227	333,476,227			3	-		
SS-1	20	T	P	SS-1	SS-1	Firm	10	981,827	737,176	244,651		2,151	32,013		-
SS-1	21	P	P	SS-1	SS-1	Firm	51	62,133,600	50,006,143	12,127,457		161,507	1,630,686		-
SS-1	22	T	T	SS-1	SS-1	Firm	-	7,152,217	6,362,688	789,529		67,415	224,485		-
SS-1	22	T	T	SS-1	SS-1	Cust Own	60								
Total SS-1							121	70,267,644	57,106,007	13,161,637	-	231,073	1,887,184	-	-
SS-2	23	P	P	SS-2	SS-2	Interruptible	13	14,994,804	10,928,101	4,066,703		134,819	377,066		-
SS-2	24	T	T	SS-2	SS-2	Interruptible	12	2,265,316	1,521,283	744,033		50,000	16,229		-
SS-2	123	T	P	SS-2	SS-2	Interruptible	11	50,526,518	37,635,287	12,891,231		180,422	1,972,612		-
Total SS-2							36	67,786,638	50,084,671	17,701,967	-	365,241	2,365,907	-	-
SS-3	25	P	P	SS-3	SS-3	Cust Own	29	82,979,811	70,062,934	12,916,877		246,724	2,434,121		-
Total SS-3							29	82,979,811	70,062,934	12,916,877	-	246,724	2,434,121	-	-
n/a							-	-	-	-		-	-		-
Other							-	-	-	-	-	-	-	-	-
Retail Total							22,555,816	39,690,457,130	36,281,853,839	3,408,603,291	-	40,935,764	28,067,927	0	(496,166)

Percentages

Rate Class	Rate Code	Del	Met	Ref. to Rate Sch.	Ref. to Detail Tab		Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW
							0.0020%	3.0996%	73.2125%	26.7875%	0.0000%	2.0888%	3.3641%	0.0000%
Total GSD							100.0000%	100.0000%	78.8574%	21.1426%	0.0000%	100.0000%	100.0000%	0.0000%
CS	18	S	S	CS-1	CS-1	Standard	0.0000%	0.0000%	0.0000%			0.0000%		
CS	280	P	P	CS-2	CS-1	Standard	18.1818%	0.0032%	100.0000%			1.1477%		
CS	85	P	P	CST-1	CST-1	TOU	81.8182%	99.9968%	75.4694%	24.5306%	0.0000%	98.8523%	100.0000%	0.0000%
CS	285	P	P	CST-2	CST-1	TOU	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
CS	385	P	P	CST-3	CST-1	TOU	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
CS	766	P	P	CST-3	CST-1	TOU	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
							81.8182%	99.9968%	75.4694%	24.5306%	0.0000%	98.8523%	100.0000%	0.0000%
Total CS							100.0000%	100.0000%	75.4701%	24.5299%	0.0000%	100.0000%	100.0000%	0.0000%
IS	44	S	P	IS-1	IS-1	Standard	0.4382%	0.0385%	100.0000%			0.0614%		
IS	47	S	S	IS-1	IS-1	Standard	6.6608%	0.5304%	100.0000%			0.8860%		
IS	247	S	S	IS-1	IS-1	Standard	2.9360%	0.3380%	100.0000%			0.6162%		
							10.0351%	0.9070%	100.0000%			1.5637%		
IS	46	P	P	IS-1	IS-1	Standard	13.9790%	4.8216%	100.0000%			8.8122%		
IS	246	P	P	IS-2	IS-1	Standard	2.7607%	2.1874%	100.0000%			2.2130%		
							16.7397%	7.0090%	100.0000%			11.0252%		
IS	155	T	P	IS-1	IS-1	Standard	0.0000%	0.0000%	0.0000%			0.0000%		
IS	26	S	P	IST-1	IST-1	TOU	0.4382%	0.1147%	73.9957%	26.0043%	0.0000%	0.0824%	0.1174%	0.0000%
IS	30	S	S	IST-1	IST-1	TOU	2.1472%	0.3992%	75.6667%	24.3333%	0.0000%	0.3587%	0.3623%	0.0000%
IS	230	S	S	IST-2	IST-1	TOU	33.6109%	13.0199%	72.8959%	27.1041%	0.0000%	10.0894%	11.9571%	0.0000%
							36.1963%	13.5338%	72.9869%	27.0131%	0.0000%	10.5305%	12.4368%	0.0000%
IS	57	P	P	IST-1	IST-1	TOU	16.7397%	14.2979%	74.7520%	25.2480%	0.0000%	16.9627%	17.6532%	0.0000%
IS	59	P	T	IST-1	IST-1	TOU	0.4820%	0.0028%	74.8315%	25.1685%	0.0000%	0.0026%	0.0033%	0.0000%
IS	257	P	P	IST-2	IST-1	TOU	13.6722%	18.8422%	73.6420%	26.3580%	0.0000%	14.2430%	16.2527%	0.0000%
							30.8940%	33.1430%	74.1210%	25.8790%	0.0000%	31.2083%	33.9093%	0.0000%
IS	55	T	T	IST-1	IST-1	TOU	1.6652%	1.9298%	74.6564%	25.3436%	0.0000%	2.1968%	2.6312%	0.0000%
IS	156	T	P	IST-1	IST-1	TOU	1.7528%	10.6400%	76.3141%	23.6859%	0.0000%	11.1840%	15.2940%	0.0000%
IS	255	T	T	IST-2	IST-1	TOU	2.7169%	32.8375%	75.7071%	24.2929%	0.0000%	32.2916%	35.7286%	0.0000%
							6.1350%	45.4072%	75.8047%	24.1953%	0.0000%	45.6723%	53.6539%	0.0000%
Total IS							100.0000%	100.0000%	76.7806%	23.2194%	0.0000%	100.0000%	100.0000%	0.0000%
LS	17	S	S	LS-1	LS-1	Co own UM	94.9677%	92.0158%	100.0000%					
LS	116	S	S	LS-1	LS-1	Cust own UM	0.4022%	1.1377%	100.0000%					
							95.3699%	93.1536%	100.0000%					
LS	16	S	S	LS-1	LS-1	Cust own	4.6301%	6.8464%	100.0000%					
Total LS							100.0000%	100.0000%	100.0000%					
SS-1	20	T	P	SS-1	SS-1	Firm	8.2645%	1.3973%	75.0821%	24.9179%		0.9309%	1.6963%	
SS-1	21	P	P	SS-1	SS-1	Firm	42.1488%	88.4242%	80.4816%	19.5184%		69.8943%	86.4084%	
SS-1	22	T	T	SS-1	SS-1	Firm	0.0000%	10.1785%	88.9611%	11.0389%		29.1748%	11.8952%	
SS-1	22	T	T	SS-1	SS-1	Cust Own	49.5868%							
Total SS-1							100.0000%	100.0000%	81.2693%	18.7307%		100.0000%	100.0000%	
SS-2	23	P	P	SS-2	SS-2	Interruptible	36.1111%	22.1206%	72.8793%	27.1207%		36.9124%	15.9375%	
SS-2	24	T	T	SS-2	SS-2	Interruptible	33.3333%	3.3418%	67.1554%	32.8446%		13.6896%	0.6860%	
SS-2	123	T	P	SS-2	SS-2	Interruptible	30.5556%	74.5376%	74.4862%	25.5138%		49.3980%	83.3766%	
Total SS-2							100.0000%	100.0000%	73.8858%	26.1142%		100.0000%	100.0000%	
SS-3	25	P	P	SS-3	SS-3	Cust Own	100.0000%	100.0000%	84.4337%	15.5663%		100.0000%	100.0000%	
Total SS-3							100.0000%	100.0000%	84.4337%	15.5663%		100.0000%	100.0000%	
Other							0.0000%	0.0000%	0.0000%	0.0000%				
Retail Total								100.0000%	91.4120%	8.5880%				

Forecast Year

Rate Class	Rate Code	Del	Met	Ref. to Rate Sch.	Ref. to Detail Tab		Annual Billed Accounts	Total kWh	Base/Off-Peak kWh	On-Peak kWh	Super Off-Pk kWh	Base KW	On-Peak KW	Mid-Peak KW
							11	395,576,687	289,611,415	105,965,272	-	692,829	564,079	-
Total GSD							574,866	12,761,990,867	10,063,780,003	2,698,210,865	-	33,169,483	16,767,429	0
CS	18	S	S	CS-1	CS-1	Standard	-	-						
CS	280	P	P	CS-2	CS-1	Standard	9	1,931	1,931	-		2,506	-	-
CS	85	P	P	CST-1	CST-1	TOU	40	61,188,694	46,178,713	15,009,980	-	215,833	134,582	-
CS	285	P	P	CST-2	CST-1	TOU	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	CST-1	TOU	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	CST-1	TOU	-	-	-	-	-	-	-	-
							40	61,188,694	46,178,713	15,009,980	-	215,833	134,582	-
Total CS							49	61,190,624	46,180,644	15,009,980	-	218,338	134,582	0
IS	44	S	P	IS-1	IS-1	Standard	10	978,471	978,471			3,840		
IS	47	S	S	IS-1	IS-1	Standard	156	13,476,815	13,476,815			55,439		
IS	247	S	S	IS-1	IS-1	Standard	69	8,587,477	8,587,477			38,557		
							235	23,042,763	23,042,763			97,835		
IS	46	P	P	IS-1	IS-1	Standard	328	122,500,195	122,500,195			551,367		
IS	246	P	P	IS-2	IS-1	Standard	65	55,574,484	55,574,484			138,464		
							393	178,074,679	178,074,679			689,831		
IS	155	T	P	IS-1	IS-1	Standard	-	-	-			-		
IS	26	S	P	IST-1	IST-1	TOU	10	2,915,047	2,157,009	758,038	-	5,154	5,050	-
IS	30	S	S	IST-1	IST-1	TOU	50	10,141,303	7,673,586	2,467,717	-	22,446	15,588	-
IS	230	S	S	IST-2	IST-1	TOU	789	330,789,728	241,132,053	89,657,675	-	631,280	514,415	-
							849	343,846,078	250,962,648	92,883,430	-	658,881	535,052	-
IS	57	P	P	IST-1	IST-1	TOU	393	363,260,788	271,544,656	91,716,132	-	1,061,330	759,470	-
IS	59	P	T	IST-1	IST-1	TOU	11	72,276	54,085	18,191	-	165	143	-
IS	257	P	P	IST-2	IST-1	TOU	321	478,714,452	352,534,903	126,179,549	-	891,164	699,218	-
							725	842,047,516	624,133,645	217,913,872	-	1,952,659	1,458,830	-
IS	55	T	T	IST-1	IST-1	TOU	39	49,029,399	36,603,581	12,425,818	-	137,449	113,199	-
IS	156	T	P	IST-1	IST-1	TOU	41	270,324,615	206,295,875	64,028,740	-	699,766	657,974	-
IS	255	T	T	IST-2	IST-1	TOU	64	834,285,035	631,612,622	202,672,412	-	2,020,439	1,537,102	-
							144	1,153,639,049	874,512,078	279,126,971	-	2,857,654	2,308,274	-
Total IS							2,346	2,540,650,086	1,950,725,813	589,924,273	-	6,256,860	4,302,157	0
LS	17	S	S	LS-1	LS-1	Co own UM	258,979	304,246,275	304,246,275					
LS	116	S	S	LS-1	LS-1	Cust own UM	1,097	3,761,840	3,761,840					
							260,076	308,008,114	308,008,114					
LS	16	S	S	LS-1	LS-1	Cust own	12,626	22,637,444	22,637,444					
Total LS							272,703	330,645,558	330,645,558					
SS-1	20	T	P	SS-1	SS-1	Firm	10	980,620	736,269	244,350	-	2,148	31,974	-
SS-1	21	P	P	SS-1	SS-1	Firm	52	62,057,185	49,944,643	12,112,542	-	161,308	1,628,681	-
SS-1	22	T	T	SS-1	SS-1	Firm	-	7,143,421	6,354,863	788,558	-	67,332	224,209	-
SS-1	22	T	T	SS-1	SS-1	Cust Own	62							
Total SS-1							124	70,181,226	57,035,776	13,145,450	-	230,789	1,884,863	-
SS-2	23	P	P	SS-2	SS-2	Interruptible	14	15,010,216	10,939,333	4,070,883	-	134,958	377,454	-
SS-2	24	T	T	SS-2	SS-2	Interruptible	13	2,267,644	1,522,847	744,798	-	50,051	16,246	-
SS-2	123	T	P	SS-2	SS-2	Interruptible	12	50,578,453	37,673,972	12,904,482	-	180,607	1,974,640	-
Total SS-2							38	67,856,314	50,136,152	17,720,162	-	365,617	2,368,339	-
SS-3	25	P	P	SS-3	SS-3	Cust Own	41	81,828,634	69,090,953	12,737,681	-	243,302	2,400,352	-
Total SS-3							41	81,828,634	69,090,953	12,737,681	-	243,302	2,400,352	-
n/a							-	-	-	-	-	-	-	-
Other							-	-	-	-	-	-	-	-
Retail Total							23,639,538	39,534,785,890	36,154,674,235	3,380,111,654	-	40,484,388	27,857,723	0

DEF Retail Forecast by Rate Co

20220113-EI Staff Hearing Exhibits 00049

Historical Sales kWh by Month - Base/Off Peak

Rate Class	Rate Code	Del	Met	Rate Sch.	Power Factor Adj	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
RS-1	1	S	S	RS-1		1,123,479,663	1,034,884,075	1,060,748,290	1,077,823,324	1,228,566,090	1,482,074,168	1,537,260,650	1,520,687,015	1,697,200,410	1,477,348,385	1,162,070,485	1,004,684,717	15,406,827,272	-
RS-1	91	S	S	RSL-1		425,661,664	398,229,254	372,573,344	382,316,617	437,390,105	527,834,960	546,399,164	552,724,696	602,199,458	520,936,219	404,163,841	351,588,256	5,522,017,578	-
RS-1	201	S	S	RSS-1		14,352,648	14,764,875	13,592,675	13,366,124	12,573,092	12,788,543	12,707,276	13,044,442	13,860,550	12,165,122	10,598,704	10,977,380	154,791,431	-
RS-1	291	S	S	RSSL-1		8,368,307	8,291,794	7,319,216	7,116,154	6,932,120	7,227,054	7,219,912	7,367,403	7,818,047	6,796,851	5,800,527	6,019,746	86,277,131	-
						1,571,862,282	1,456,169,998	1,454,233,525	1,480,622,219	1,685,461,407	2,029,924,725	2,103,587,002	2,093,823,556	2,321,078,465	2,017,246,577	1,582,633,557	1,373,270,099	21,169,913,412	-
				<=1,000 kW		1,224,323,531	1,148,044,426	1,195,525,381	1,199,007,873	1,263,758,963	1,345,028,123	1,298,123,539	1,321,202,664	1,456,244,629	1,397,750,153	1,212,772,095	1,131,162,581	15,192,943,958	
				>1,000 kW		347,538,751	308,125,572	258,708,144	281,614,346	421,702,444	684,896,602	805,463,463	772,620,892	864,833,836	619,496,424	369,861,462	242,107,518	5,976,969,454	
						1,571,862,282	1,456,169,998	1,454,233,525	1,480,622,219	1,685,461,407	2,029,924,725	2,103,587,002	2,093,823,556	2,321,078,465	2,017,246,577	1,582,633,557	1,373,270,099	21,169,913,412	-
																			-
RS-1	51	S	S	RST-1		35,470	30,239	28,288	29,336	41,780	22,523	34,291	34,551	38,845	29,884	26,829	25,693	377,729	-
RS-1	101	S	S	RST-1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
						35,470	30,239	28,288	29,336	41,780	22,523	34,291	34,551	38,845	29,884	26,829	25,693	377,729	-
																			-
Total RS						1,571,897,752	1,456,200,237	1,454,261,813	1,480,651,555	1,685,503,187	2,029,947,248	2,103,621,293	2,093,858,107	2,321,117,310	2,017,276,461	1,582,660,386	1,373,295,792	21,170,291,141	-
																			-
GS-1	161	S	S	GSLM-2		-	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	90	S	S	GS-1		22,969	27,417	33,047	31,897	34,667	34,561	34,635	34,577	40,423	45,444	-	-	339,637	-
GS-1	66	S	S	GS-1		32,719	32,734	33,299	34,354	34,353	34,351	34,351	34,351	34,388	32,821	102,042	102,046	541,809	-
GS-1	60	S	S	GS-1		131,583,721	135,856,452	154,828,299	160,836,015	168,062,573	198,526,979	197,657,900	199,234,469	227,542,346	206,022,018	178,623,867	151,990,958	2,110,765,597	-
GS-1	61	S	S	GSLM-1		34,816	30,737	25,959	26,972	31,840	45,910	47,219	54,419	55,775	46,144	-	-	399,791	-
						131,674,225	135,947,340	154,920,604	160,929,238	168,163,433	198,641,801	197,774,105	199,357,816	227,672,932	206,146,427	178,725,909	152,093,004	2,112,046,834	-
GS-1	62	P	P	GS-1		442,457	449,203	515,147	850,390	658,321	1,559,637	980,640	974,056	1,696,776	1,161,189	1,848,686	513,700	11,650,202	-
																			-
GS-1	50	S	S	GST-1		6,067,514	5,629,461	7,374,497	7,418,445	8,257,736	9,278,661	8,013,543	7,651,930	8,774,034	8,523,288	8,497,384	7,563,267	93,049,761	-
GS-1	100	S	S	GST-1		592,901	572,683	625,734	646,198	655,791	743,212	708,729	686,712	781,801	745,850	-	-	6,759,611	-
GS-1	102	S	S	GST-1		7,980	5,940	4,500	4,320	5,040	6,240	6,120	5,520	5,640	5,460	-	-	56,760	-
GS-1	105	S	P	GST-1		3,537	3,983	4,516	4,220	3,996	4,562	4,014	3,935	5,102	4,202	-	-	42,067	-
GS-1	130	S	S	GST-1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
						6,671,932	6,212,067	8,009,247	8,073,183	8,922,563	10,032,675	8,732,406	8,348,097	9,566,577	9,278,800	8,497,384	7,563,267	99,908,199	-
GS-1	52	P	P	GST-1		49,500	68,700	55,200	53,400	42,261	49,108	42,416	54,615	53,700	32,400	39,796	25,765	566,860	-
																			-
GS-1	104	T	T	GST-1		226,737	-	383,197	208,309	194,229	217,444	-	222,579	221,319	182,542	257,198	165,848	2,279,401	-
																			-
																			-
Total GS-1					-	139,064,851	142,677,310	163,883,395	170,114,520	177,980,807	210,500,665	207,529,567	208,957,163	239,211,304	216,801,358	189,368,973	160,361,584	2,226,451,496	-
																			-
																			-
GS-2	67	S	S	GS-2		172,743	172,754	172,657	172,844	172,479	172,657	172,657	172,657	169,703	172,538	86,311	86,311	1,896,311	-
GS-2	76	S	S	GS-2		41,653	41,638	41,637	41,637	41,464	41,016	40,994	40,993	40,993	40,993	-	-	413,018	-
						214,396	214,392	214,294	214,481	213,943	213,673	213,651	213,650	210,696	213,531	86,311	86,311	2,309,329	-
																			-
GS-2	27	S	S	GS-2		841,389	764,414	854,702	803,217	763,305	787,820	798,146	721,242	840,788	830,596	-	-	8,005,619	-
GS-2	28	S	S	GS-2		15,967,600	15,269,534	16,926,398	16,452,524	16,039,293	16,644,310	16,899,250	15,790,294	17,482,980	17,072,609	18,112,521	17,398,431	200,055,744	-
						16,808,989	16,033,948	17,781,100	17,255,741	16,802,598	17,432,130	17,697,396	16,511,536	18,323,768	17,903,205	18,112,521	17,398,431	208,061,363	-
																			-
Total GS-2						17,023,385	16,248,340	17,995,394	17,470,222	17,016,541	17,645,803	17,911,047	16,725,186	18,534,464	18,116,736	18,198,832	17,484,742	210,370,692	-
																			-
																			-
GSD	8	S	P	GSD-1	-	-	3,609	6,613	2,694	5,743	8,575	8,544	8,100	8,925	8,348	-	-	61,151	-
GSD	70	S	S	GSD-1	(4,461)	216,509,133	211,826,612	248,656,679	248,771,264	269,267,525	301,465,357	304,470,460	300,484,386	334,336,174	305,824,278	275,319,755	231,798,633	3,248,730,257	-
GSD	71	S	S	GSLM-1	-	264,113	242,174	256,589	247,581	243,056	267,966	294,489	263,108	291,580	277,263	-	-	2,647,919	-
GSD	171	S	S	GSLM-2	-	697,060	602,460	632,140	746,020	697,320	740,660	752,880	662,320	739,920	765,620	-	-	7,036,400	-
GSD	829	S	S	GSD-1	-	35,236	32,016	32,016	-	-	-	-	-	-	-	-	-	99,268	-
					(4,461)	217,505,542	212,706,871	249,584,037	249,767,559	270,213,644	302,482,558	305,526,373	301,417,914	335,376,599	306,875,509	275,319,755	231,798,633	3,258,574,995	-
																			-
GSD	72	P	P	GSD-1	(2,542)	5,090,407	5,300,554	5,377,295	6,033,812	5,908,520	6,471,902	5,762,238	5,701,316	7,256,385	6,493,617	6,081,875	4,951,586	70,429,507	-
GSD	73	P	P	GSLM-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					(2,542)	5,090,407	5,300,554	5,377,295	6,033,812	5,908,520	6,471,902	5,762,238	5,701,316	7,256,385	6,493,617	6,081,875	4,951,586	70,429,507	-
																			-
GSD	75	T	T	GSLM-1	-	-	-	-	-	-	-	-	-	-	-	16,680	17,548	34,228	-
																			-
GSD	53	S	S	GSDT-1	(90,896)	355,025,288	340,286,873	384,812,886	377,321,795	385,373,053	423,560,928	442,355,927	426,096,934	476,079,880	443,014,528	459,169,642	431,725,338	4,944,823,073	-
GSD	69	S	S	GSLM-1	-	4,787,159	4,196,062	5,072,778	5,416,267	5,897,338	6,552,757	7,310,506	7,544,524	7,263,725	6,653,618	-	-	60,694,734	-
GSD	107	S	P	GSDT-1	(3,802)	1,236,117	2,339,848	170,319	1,255,923	2,448,683	8,924	1,635,241	1,489,607	1,646,642	1,455,882	-	-	13,687,186	-
GSD	109	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	(3,475)	23,164,871	21,588,489	25,718,857	23,655,668	23,591,886	26,534,031	26,736,241	24,742,906	28,510,366	26,131,061	-	-	250,374,376	-
GSD	620	S	S	GSDT-1	-	181,200	197,200	186,800	205,200	193,600	219,600	250,000	234,000	250,400	236,400	-	-	2,154,400	-
GSD	621	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	(555)	902,525	-	1,894,300	919,567	945,065	1,178,356	-	1,164,777	1,222,905	1,180,683	-	-	9,408,178	-
GSD	623	S	S	GSDT-1	-	-	-	-	-	-	-	-	181,200	194,700	192,100	-	-	568,000	-
GSD	624	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	-	90,886	91,881	105,626	96,273	92,063	115,909	119,829	149,746	126,557	118,940	-	-	1,107,710	-
GSD	834	S	S	GSDT-1	(5,651)	5,304,949	4,866,359	5,357,790	5,223,719	5,129,781	5,718,494	6,160,194	5,533,683	6,060,059	5,335,545	-	-	54,690,573	-
GSD	851	S	S	GSLM-2	(4,609)	1,245,600	1,240,200	1,308,000	1,402,800	1,317,000	1,389,600	1,798,800	1,683,000	1,719,000	1,739,400	-	-	14,843,400	-
					(108,988)	391,938,595	374,806,912	424,627,356	415,497,212	424,988,469	465,278,599	486,366,738	468,820,377	523,074,234	486,058,157	459,169,642	431,725,338	5,352,351,630	-
																			-
GSD	45	P	P	GSLM-1	-	84,300	-	168,900	85,800	104,100	132,900	121,800	-	138,300	123,600	-	-	959,700	-
GSD	54	P	P	GSDT-1	(164,449)	80,651,356	75,084,962	81,270,266	83,255,555	85,806,307	89,226,331	94,889,927	104,949,524	102,794,796	95,781,229	103,565,421	96,313,489	1,093,589,163	-
GSD	145	P	P	GSLM-2	(6,854)	4,189,477	3,498,606	4,466,394	3,915,060	3,703,220	4,658,044	4,114,349	4,857,335	5,230,588	4,737,075	-	-	43,370,148	-
GSD	625	P	P	GSDT-1	118	-	-	-	-	-	-	-	-	360,000	386,400	-	-	746,400	-
GSD	835	P	P	GSDT-1	(5,694)	5,564,478	4,942,194	5,455,626	4,808,656	4,663,806	5,338,821	4,966,687	5,551,845	5,147,235	4,974,818	-	-	51,414,166	-
					(176,880)	90,489,611	83,525,762	91,361,186	92,065,071	94,277,433	99,356,096	104,092,763	115,358,704	113,670,919	106,003,122	103,565,421	96,313,489	1,190,079,577	-
																			-
GSD	83	T	T	GSDT-1	(21,536)	23,748,753	19,254,392	20,806,839	23,378,557	23,540,807	22,255,224	25,967,349	29,951,337	28,050,028	27,221,444	26,494,358	21,825,394	292,494,481	-
GSD	84	T	P	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DEF Retail Forecast by Rate Co

Historical Sales kWh by Month - Base/Off Peak

Rate Class	Rate Code	Del	Met	Rate Sch.	Power Factor Adj	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
					(21,536)	23,748,753	19,254,392	20,806,839	23,378,557	23,540,807	22,255,224	25,967,349	29,951,337	28,050,028	27,221,444	26,494,358	21,825,394	292,494,481
	Total GSD				(314,407)	728,772,908	695,594,491	791,756,713	786,742,211	818,928,873	895,844,379	927,715,461	921,249,648	1,007,428,165	932,651,849	870,647,731	786,631,990	10,163,964,419
					-													
CS	18	S	S	CS-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	280	P	P	CS-2	-	-	-	-	-	-	-	-	-	-	-	-	1,926	1,926
CS	85	P	P	CST-1	2,660	4,261,717	6,393,114	1,365,307	3,812,906	3,547,510	3,545,419	4,042,605	3,788,389	3,906,742	3,739,829	3,899,198	3,768,185	46,070,922
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2,660	4,261,717	6,393,114	1,365,307	3,812,906	3,547,510	3,545,419	4,042,605	3,788,389	3,906,742	3,739,829	3,899,198	3,768,185	46,070,922
	Total CS				2,660	4,261,717	6,393,114	1,365,307	3,812,906	3,547,510	3,545,419	4,042,605	3,788,389	3,906,742	3,739,829	3,899,198	3,770,111	46,072,848
					-													
IS	44	S	P	IS-1	-	77,100	106,500	94,200	83,400	99,900	94,200	89,100	95,100	125,400	115,200	-	-	980,100
IS	47	S	S	IS-1	-	886,864	927,850	937,950	960,930	1,090,990	1,303,594	1,135,530	1,266,904	1,479,378	1,365,392	1,159,087	984,783	13,499,252
IS	247	S	S	IS-1	(2,001)	393,000	661,480	509,590	849,180	760,180	741,640	708,500	792,270	886,350	815,200	807,747	676,636	8,601,773
					(2,001)	1,356,964	1,695,830	1,541,740	1,893,510	1,951,070	2,139,434	1,933,130	2,154,274	2,491,128	2,295,792	1,966,834	1,661,419	23,081,125
IS	46	P	P	IS-1	4,760	9,324,509	9,719,642	10,973,349	10,083,117	10,068,972	11,887,851	9,713,540	10,610,433	9,987,411	10,503,240	10,767,904	9,064,167	122,704,135
IS	246	P	P	IS-2	5,296	4,282,200	2,830,800	6,724,800	4,428,600	4,572,000	4,413,000	2,973,000	5,146,800	4,644,000	5,096,400	5,239,750	5,315,655	55,667,005
					10,056	13,606,709	12,550,442	17,698,149	14,511,717	14,640,972	16,300,851	12,686,540	15,757,233	14,631,411	15,599,640	16,007,654	14,379,822	178,371,140
IS	155	T	P	IS-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IS	26	S	P	IST-1	-	227,700	208,500	208,200	201,900	204,300	222,300	202,800	220,800	267,900	196,200	-	-	2,160,600
IS	30	S	S	IST-1	(1,358)	583,131	638,575	678,064	637,377	523,749	574,895	552,503	791,543	651,356	673,752	680,179	701,238	7,686,361
IS	230	S	S	IST-2	(12,254)	17,802,592	16,079,606	19,368,670	18,146,755	18,838,682	21,434,875	21,887,602	21,496,914	23,465,066	21,883,158	21,166,022	19,963,550	241,533,492
					(13,612)	18,613,423	16,926,681	20,254,934	18,986,032	19,566,731	22,232,070	22,642,905	22,509,257	24,384,322	22,753,110	21,846,200	20,664,788	251,380,453
IS	57	P	P	IST-1	(20,838)	22,629,391	25,925,622	26,448,395	24,855,875	15,831,452	16,286,061	17,627,189	17,551,029	18,899,787	18,082,879	33,420,345	34,438,702	271,996,727
IS	59	P	T	IST-1	-	5,994	5,049	5,221	5,556	4,903	5,211	5,853	5,254	5,842	5,292	-	-	54,175
IS	257	P	P	IST-2	(32,549)	28,805,176	26,241,150	30,647,198	29,231,533	25,343,122	29,390,925	29,466,627	30,414,513	31,484,134	29,302,416	31,182,514	31,612,500	353,121,808
					(53,387)	51,440,561	52,171,821	57,100,814	54,092,964	41,179,477	45,682,197	47,099,669	47,970,796	50,389,763	47,390,587	64,602,858	66,051,202	625,172,710
IS	55	T	T	IST-1	12,822	3,433,209	3,324,863	2,876,127	2,763,969	2,353,805	2,741,606	2,950,230	3,025,917	3,331,215	3,499,221	3,366,457	2,997,900	36,664,519
IS	156	T	P	IST-1	9,635	20,992,388	22,578,369	19,186,654	20,915,056	19,640,955	21,469,121	20,569,775	21,860,045	20,076,196	19,350,760	-	-	206,639,319
IS	255	T	T	IST-2	(147,931)	45,536,887	45,917,764	47,581,257	53,786,711	28,970,308	73,317,187	55,795,480	45,268,891	61,401,680	50,362,998	59,355,792	65,369,183	632,664,139
					(125,475)	69,962,484	71,820,996	69,644,038	77,465,736	50,965,068	97,527,914	79,315,485	70,154,853	84,809,091	73,212,979	62,722,249	68,367,083	875,967,976
	Total IS				(184,418)	154,980,141	155,165,770	166,239,675	166,949,959	128,303,318	183,882,466	163,677,729	158,546,413	176,705,715	161,252,108	167,145,796	171,124,314	1,953,973,404
					-													
LS	17	S	S	LS-1		25,495,550	25,346,396	26,045,947	25,555,509	25,780,160	25,601,743	25,563,691	25,125,494	25,533,226	25,548,889	25,597,362	25,656,970	306,850,938
LS	116	S	S	LS-1		317,722	317,722	317,722	317,722	317,722	317,722	317,722	317,722	299,103	317,722	317,722	317,722	3,794,045
						25,813,272	25,664,118	26,363,669	25,873,231	26,097,882	25,919,465	25,881,413	25,443,216	25,832,329	25,866,611	25,915,084	25,974,692	310,644,983
LS	16	S	S	LS-1		2,184,044	1,991,602	2,149,229	1,903,415	1,606,251	1,663,293	1,743,184	1,580,519	1,856,103	1,909,859	2,099,682	2,144,063	22,831,244
	Total LS					27,997,316	27,655,720	28,512,898	27,776,646	27,704,133	27,582,758	27,624,597	27,023,735	27,688,432	27,776,470	28,014,766	28,118,755	333,476,227
SS-1	20	T	P	SS-1	-	89,642	77,622	81,747	73,015	66,055	81,482	80,948	98,984	87,681	-	-	-	737,176
SS-1	21	P	P	SS-1	-	4,929,034	5,371,618	3,567,488	3,605,509	2,806,509	1,783,805	1,279,122	3,201,740	4,738,068	4,200,094	7,404,390	7,118,766	50,006,143
SS-1	22	T	T	SS-1	-	402,973	345,993	1,190,262	1,002,328	282,638	365,185	340,182	322,162	342,855	370,093	551,937	846,081	6,362,688
SS-1	22	T	T	SS-1														
	Total SS-1				-	5,421,649	5,795,233	4,839,497	4,680,852	3,155,202	2,230,472	1,700,252	3,622,886	5,168,604	4,570,187	7,956,327	7,964,847	57,106,007
					-													
SS-2	23	P	P	SS-2	-	673,717	-	970,828	1,378,549	-	1,224,617	-	643,423	1,108,285	164,246	1,760,599	3,003,837	10,928,101
SS-2	24	T	T	SS-2	-	-	316,045	315,522	246,613	313,009	-	225,042	79,726	-	25,326	-	-	1,521,283
SS-2	123	T	P	SS-2	-	2,350,693	2,132,171	6,302,987	7,037,657	3,182,823	4,911,583	3,540,294	2,277,666	4,270,536	1,628,877	-	-	37,635,287
	Total SS-2				-	3,024,410	2,448,216	7,589,337	8,662,819	3,495,832	6,136,200	3,765,336	3,000,815	5,378,821	1,818,449	1,760,599	3,003,837	50,084,671
					-													
SS-3	25	P	P	SS-3	-	5,508,841	8,801,783	776,952	6,565,517	2,414,174	4,572,518	4,521,125	4,482,013	5,835,351	7,693,910	8,899,643	9,991,107	70,062,934
	Total SS-3				-	5,508,841	8,801,783	776,952	6,565,517	2,414,174	4,572,518	4,521,125	4,482,013	5,835,351	7,693,910	8,899,643	9,991,107	70,062,934
					-													
	n/a					-	-	-	-	-	-	-	-	-	-	-	-	-
	Other					-	-	-	-	-	-	-	-	-	-	-	-	-
	Retail Total				(496,166)	2,657,952,970	2,516,980,214	2,637,220,981	2,673,427,207	2,868,049,577	3,381,887,928	3,462,109,012	3,441,254,355	3,810,974,908	3,391,697,357	2,878,552,251	2,561,747,079	36,281,853,839

20220143 EI Staff Hearing Exhibits 00051

Duke Energy Florida
Docket No. 20220143
DEF's Response to Staff's DR 1
Q1

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
RS-1	1	S	S	RS-1													
RS-1	91	S	S	RSL-1													
RS-1	201	S	S	RSS-1													
RS-1	291	S	S	RSSL-1													
				<=1,000 kW													
				>1,000 kWI													
RS-1	51	S	S	RST-1	9,154	8,935	8,372	9,093	18,648	8,718	14,437	15,197	16,358	14,308	10,445	7,103	140,768
RS-1	101	S	S	RST-1	-	-	-	-	-	-	-	-	-	-	-	-	-
					9,154	8,935	8,372	9,093	18,648	8,718	14,437	15,197	16,358	14,308	10,445	7,103	140,768
Total RS					9,154	8,935	8,372	9,093	18,648	8,718	14,437	15,197	16,358	14,308	10,445	7,103	140,768
GS-1	161	S	S	GSLM-2													
GS-1	90	S	S	GS-1													
GS-1	66	S	S	GS-1													
GS-1	60	S	S	GS-1													
GS-1	61	S	S	GSLM-1													
GS-1	62	P	P	GS-1													
GS-1	50	S	S	GST-1	2,054,753	2,014,079	2,585,759	2,413,710	2,608,883	2,799,215	2,526,890	2,603,009	2,983,338	2,984,615	2,910,209	2,325,741	30,810,201
GS-1	100	S	S	GST-1	198,860	210,609	235,562	238,480	248,792	261,492	257,467	271,653	298,987	291,556	-	-	2,513,458
GS-1	102	S	S	GST-1	2,340	1,920	1,440	1,800	2,340	2,760	2,520	2,100	2,400	2,220	-	-	21,840
GS-1	105	S	P	GST-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	130	S	S	GST-1	-	-	-	-	-	-	-	-	-	-	-	-	-
					2,255,953	2,226,608	2,822,761	2,653,990	2,860,015	3,063,467	2,786,877	2,876,762	3,284,725	3,278,391	2,910,209	2,325,741	33,345,499
GS-1	52	P	P	GST-1	18,300	24,600	17,400	16,500	13,017	17,201	14,149	11,433	14,100	10,200	12,956	17,919	187,775
GS-1	104	T	T	GST-1	35,280	-	66,023	2,583	-	-	-	8,347	-	21,105	34,934	27,752	196,023
Total GS-1					2,309,533	2,251,208	2,906,184	2,673,073	2,873,032	3,080,668	2,801,026	2,896,542	3,298,825	3,309,696	2,958,098	2,371,412	33,729,297
GS-2	67	S	S	GS-2													
GS-2	76	S	S	GS-2													
GS-2	27	S	S	GS-2													
GS-2	28	S	S	GS-2													
Total GS-2																	
GSD	8	S	P	GSD-1													
GSD	70	S	S	GSD-1													
GSD	71	S	S	GSLM-1													
GSD	171	S	S	GSLM-2													
GSD	829	S	S	GSD-1													
GSD	72	P	P	GSD-1													
GSD	73	P	P	GSLM-1													
GSD	75	T	T	GSLM-1													-
GSD	53	S	S	GSDT-1	130,205,339	131,341,937	151,819,787	158,741,213	174,353,359	180,233,369	185,460,338	184,754,337	203,387,964	197,558,343	186,569,340	138,885,842	2,023,311,167
GSD	69	S	S	GSLM-1	1,559,072	1,438,003	1,937,947	2,190,818	2,526,069	2,806,516	3,036,736	3,023,201	3,179,394	2,759,540	-	-	24,457,296
GSD	107	S	P	GSDT-1	398,759	732,583	28,432	427,898	1,011,856	6,717	601,420	583,619	618,865	571,926	-	-	4,982,075
GSD	109	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	8,703,158	8,465,751	10,134,993	10,025,644	10,613,063	11,049,350	11,407,481	10,829,217	12,030,767	11,631,366	-	-	104,890,790
GSD	620	S	S	GSDT-1	73,600	81,600	80,800	85,200	92,800	105,600	111,600	112,400	119,600	108,000	-	-	971,200
GSD	621	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	290,114	-	596,791	421,881	454,961	464,820	-	485,378	476,168	498,658	-	-	3,688,771
GSD	623	S	S	GSDT-1	-	-	-	-	-	-	-	89,400	89,900	95,300	-	-	274,600
GSD	624	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	27,049	31,219	33,482	37,338	53,263	57,991	61,678	75,542	66,450	64,453	-	-	508,465
GSD	834	S	S	GSDT-1	1,556,825	1,621,789	1,756,556	1,873,765	2,099,392	2,178,785	2,347,077	2,288,423	2,260,096	2,232,703	-	-	20,215,411
GSD	851	S	S	GSLM-2	354,000	363,600	430,200	457,200	523,200	547,200	622,200	672,000	645,600	642,600	-	-	5,257,800
					143,167,916	144,076,482	166,818,988	174,260,957	191,727,963	197,450,348	203,648,530	202,913,517	222,874,804	216,162,889	186,569,340	138,885,842	2,188,557,575
GSD	45	P	P	GSLM-1	37,500	-	88,200	51,900	62,400	64,800	62,400	-	71,100	66,600	-	-	504,900
GSD	54	P	P	GSDT-1	23,758,276	24,332,180	26,577,866	30,289,913	34,286,978	33,832,953	36,251,104	39,862,300	40,332,912	38,942,130	37,618,636	29,755,403	395,840,652
GSD	145	P	P	GSLM-2	1,217,636	1,150,013	1,456,157	1,372,541	1,381,811	1,599,679	1,433,901	1,832,509	1,726,721	1,815,232	-	-	14,986,200
GSD	625	P	P	GSDT-1	-	-	-	-	-	-	-	-	124,800	141,600	-	-	266,400
GSD	835	P	P	GSDT-1	1,561,998	1,619,739	1,679,410	1,752,276	1,832,664	1,792,818	1,814,843	1,954,056	1,914,950	1,972,784	-	-	17,895,538
					26,575,410	27,101,932	29,801,633	33,466,630	37,563,853	37,290,250	39,562,248	43,648,865	44,170,483	42,938,346	37,618,636	29,755,403	429,493,690
GSD	83	T	T	GSDT-1	6,604,779	6,209,138	6,642,664	7,918,370	9,151,468	8,856,389	10,727,084	10,797,930	11,752,028	11,012,088	10,514,936	6,833,277	107,020,151
GSD	84	T	P	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-

Rate Class	Rate Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
RS-1	1													
RS-1	91													
RS-1	201													
RS-1	291													
RS-1	51	-	-	-	-	-	-	-	-	-	-	-	-	-
RS-1	101	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
Total RS		-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	161													
GS-1	90													
GS-1	66													
GS-1	60													
GS-1	61													
GS-1	62													
GS-1	50	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	100	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	102	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	105	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	130	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	52	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	104	-	-	-	-	-	-	-	-	-	-	-	-	-
Total GS-1		-	-	-	-	-	-	-	-	-	-	-	-	-
GS-2	67													
GS-2	76													
GS-2	27													
GS-2	28													
Total GS-2														
GSD	8													
GSD	70													
GSD	71													
GSD	171													
GSD	829													
GSD	72													
GSD	73													
GSD	75	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	53	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	69	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	107	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	109	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	620	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	621	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	623	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	624	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	834	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	851	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	45	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	54	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	145	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	625	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	835	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	83	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	84	-	-	-	-	-	-	-	-	-	-	-	-	-

Rate Class	Rate Code	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
RS-1	1	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)
RS-1	91										
RS-1	201										
RS-1	291										
		(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)	(232,372,302)
		-	-	-	-	-	-	-	-	-	-
RS-1	51	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708
RS-1	101										
		170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708	170,571,708
Total RS		(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)	(61,800,595)
GS-1	161										
GS-1	90										
GS-1	66										
GS-1	60	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)
GS-1	61										
		(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)	(90,949,963)
GS-1	62	15	15	15	15	15	15	15	15	15	15
GS-1	50	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)
GS-1	100										
GS-1	102										
GS-1	105										
GS-1	130										
		(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)	(500,022)
GS-1	52	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)	(21,858)
GS-1	104	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)	(81,050)
Total GS-1		(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)	(91,552,878)
GS-2	67										
GS-2	76										
		-	-	-	-	-	-	-	-	-	-
GS-2	27										
GS-2	28										
		-	-	-	-	-	-	-	-	-	-
Total GS-2		-	-	-	-	-	-	-	-	-	-
GSD	8										
GSD	70	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743
GSD	71										
GSD	171										
GSD	829										
		9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743	9,178,743
GSD	72										
GSD	73										
		-	-	-	-	-	-	-	-	-	-
GSD	75										
GSD	53	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467
GSD	69										
GSD	107										
GSD	109										
GSD	169										
GSD	620										
GSD	621										
GSD	622										
GSD	623										
GSD	624										
GSD	627										
GSD	834										
GSD	851										
		44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467	44,268,467
GSD	45										
GSD	54	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)
GSD	145										
GSD	625										
GSD	835										
		(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)	(5,948,044)
GSD	83	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)	(230,659)
GSD	84										

Rate Class	Rate Code	Del	Met	Sch.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
					6,604,779	6,209,138	6,642,664	7,918,370	9,151,468	8,856,389	10,727,084	10,797,930	11,752,028	11,012,088	10,514,936	6,833,277	107,020,151
Total GSD					176,348,105	177,387,552	203,263,285	215,645,957	238,443,284	243,596,987	253,937,862	257,360,312	278,797,315	270,113,323	234,702,912	175,474,522	2,725,071,416
CS	18	S	S	CS-1													
CS	280	P	P	CS-2													
CS	85	P	P	CST-1	1,264,993	1,894,930	342,076	1,223,635	1,313,433	1,199,875	1,289,447	1,335,270	1,334,528	1,309,715	1,343,465	1,123,576	14,974,943
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-
					1,264,993	1,894,930	342,076	1,223,635	1,313,433	1,199,875	1,289,447	1,335,270	1,334,528	1,309,715	1,343,465	1,123,576	14,974,943
Total CS					1,264,993	1,894,930	342,076	1,223,635	1,313,433	1,199,875	1,289,447	1,335,270	1,334,528	1,309,715	1,343,465	1,123,576	14,974,943
IS	44	S	P	IS-1													
IS	47	S	S	IS-1													
IS	247	S	S	IS-1													
IS	46	P	P	IS-1													
IS	246	P	P	IS-2													
IS	155	T	P	IS-1													
IS	26	S	P	IST-1	60,900	66,900	63,000	67,800	79,800	75,900	78,600	90,900	97,200	78,300	-	-	759,300
IS	30	S	S	IST-1	164,956	192,110	209,837	216,138	181,199	191,784	176,005	274,920	216,658	215,639	221,413	211,166	2,471,825
IS	230	S	S	IST-2	5,277,885	5,274,016	6,370,427	6,903,720	7,951,342	8,513,964	8,555,704	8,652,294	9,309,556	8,963,447	7,903,412	6,131,171	89,806,938
					5,503,741	5,533,026	6,643,264	7,187,658	8,212,341	8,781,648	8,810,309	9,018,114	9,623,414	9,257,386	8,124,825	6,342,338	93,038,064
IS	57	P	P	IST-1	6,474,340	7,771,671	8,075,712	8,703,592	6,219,104	6,442,647	6,443,825	6,724,161	6,848,831	7,169,945	10,307,212	10,687,782	91,868,822
IS	59	P	T	IST-1	1,603	1,603	1,674	1,841	1,787	1,836	1,938	2,003	1,890	2,046	-	-	18,221
IS	257	P	P	IST-2	8,485,013	8,504,569	10,043,447	10,432,771	10,379,810	11,378,147	10,950,219	11,954,712	11,688,363	11,787,343	10,814,431	9,970,789	126,389,614
					14,960,956	16,277,843	18,120,833	19,138,204	16,600,701	17,822,630	17,395,982	18,680,876	18,539,084	18,959,334	21,121,643	20,658,572	218,276,657
IS	55	T	T	IST-1	1,064,254	966,496	903,925	927,711	904,489	900,345	1,134,284	1,095,937	1,251,950	1,270,410	1,097,365	929,340	12,446,505
IS	156	T	P	IST-1	5,936,334	6,188,971	5,433,590	6,754,604	6,496,438	6,182,923	7,051,942	6,807,122	6,543,671	6,739,741	-	-	64,135,336
IS	255	T	T	IST-2	13,594,771	13,361,866	14,275,349	17,390,765	10,649,212	24,885,938	17,777,642	16,465,775	19,876,490	17,042,602	17,963,354	19,726,060	203,009,824
					20,595,359	20,517,333	20,612,864	25,073,080	18,050,139	31,969,206	25,963,868	24,368,834	27,672,111	25,052,753	19,060,718	20,655,399	279,591,665
Total IS					41,060,056	42,328,202	45,376,961	51,398,942	42,863,181	58,573,484	52,170,159	52,067,824	55,834,609	53,269,473	48,307,186	47,656,309	590,906,386
LS	17	S	S	LS-1													
LS	116	S	S	LS-1													
LS	16	S	S	LS-1													
Total LS					-	-	-	-	-	-	-	-	-	-	-	-	-
SS-1	20	T	P	SS-1	24,168	26,861	24,480	24,376	23,865	25,637	29,181	34,766	31,317	-	-	-	244,651
SS-1	21	P	P	SS-1	1,382,452	1,641,173	1,068,174	1,171,360	1,095,080	670,170	505,455	1,123,947	1,850,794	1,618,852	-	-	12,127,457
SS-1	22	T	T	SS-1	52,305	45,171	312,492	299,788	31,629	34,605	162	2,469	-	10,908	-	-	789,529
SS-1	22	T	T	SS-1													
Total SS-1					1,458,925	1,713,205	1,405,146	1,495,524	1,150,574	730,412	534,798	1,161,182	1,882,111	1,629,760	-	-	13,161,637
SS-2	23	P	P	SS-2	217,026	-	328,923	604,706	-	492,329	-	222,260	443,241	14,841	663,414	1,079,963	4,066,703
SS-2	24	T	T	SS-2	-	191,192	185,799	116,058	124,557	-	87,223	26,069	-	13,135	-	-	744,033
SS-2	123	T	P	SS-2	729,833	602,321	2,082,299	2,244,335	1,291,936	1,727,605	1,185,131	874,646	1,657,423	495,702	-	-	12,891,231
Total SS-2					946,859	793,513	2,597,021	2,965,099	1,416,493	2,219,934	1,272,354	1,122,975	2,100,664	523,678	663,414	1,079,963	17,701,967
SS-3	25	P	P	SS-3	1,737,991	2,327,998	66,262	1,985,350	652,763	856,305	653,886	838,779	1,233,987	2,563,556	-	-	12,916,877
Total SS-3					1,737,991	2,327,998	66,262	1,985,350	652,763	856,305	653,886	838,779	1,233,987	2,563,556	-	-	12,916,877
n/a					-	-	-	-	-	-	-	-	-	-	-	-	-
Other					-	-	-	-	-	-	-	-	-	-	-	-	-
Retail Total					225,135,616	228,705,543	255,965,307	277,396,673	288,731,408	310,266,383	312,673,969	316,798,081	344,498,397	332,733,509	287,985,521	227,712,884	3,408,603,291

Rate Class	Rate Code	Del	Met	Rate Sch.	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
RS-1	1	S	S	RS-1	(232,372,302)	(232,372,302)	(2,788,467,624)	912,990,073	674,142,448	781,039,443	843,303,444	1,194,858,064	1,394,050,625	1,532,514,663	1,458,938,971	1,226,523,841	959,302,745	701,601,428	951,099,602	12,630,365,348											
RS-1	91	S	S	RSL-1			-	433,952,541	348,832,010	355,947,029	381,554,846	508,117,915	579,244,210	627,305,956	614,741,561	517,644,505	420,203,318	324,832,629	414,154,626	5,526,531,146											
RS-1	201	S	S	RSS-1			-	14,632,203	12,933,407	12,986,094	13,339,492	14,606,214	14,034,102	14,588,877	14,508,056	11,914,387	9,812,765	8,518,340	12,930,843	154,804,778											
RS-1	291	S	S	RSSL-1			-	8,531,302	7,263,261	6,992,591	7,101,975	8,053,073	7,930,943	8,288,984	8,194,041	6,720,313	5,482,551	4,661,972	7,090,981	86,311,988											
					(232,372,302)	(232,372,302)	(2,788,467,624)	1,370,106,119	1,043,171,127	1,156,965,158	1,245,299,756	1,725,635,265	1,995,259,881	2,182,698,480	2,096,382,629	1,762,803,047	1,394,801,378	1,039,614,368	1,385,276,052	18,398,013,260											
				<=1,000 kW			-	1,067,175,656	822,436,116	951,141,056	1,008,443,742	1,293,881,322	1,322,059,197	1,346,943,232	1,322,817,439	1,105,982,632	966,457,875	796,656,490	1,141,051,884	13,145,046,642											
				>1,000 kW			-	302,930,463	220,735,010	205,824,102	236,856,014	431,753,943	673,200,684	835,755,248	773,565,190	656,820,415	428,343,503	242,957,878	244,224,168	5,252,966,618											
					-	-	-	1,370,106,119	1,043,171,127	1,156,965,158	1,245,299,756	1,725,635,265	1,995,259,881	2,182,698,480	2,096,382,629	1,762,803,047	1,394,801,378	1,039,614,368	1,385,276,052	18,398,013,260											
RS-1	51	S	S	RST-1	170,571,708	170,571,708	2,046,860,490	170,607,868	170,598,196	170,598,733	170,600,985	170,620,244	170,596,424	170,611,076	170,610,135	170,605,098	170,595,813	170,593,270	170,601,973	2,047,239,816		29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221
RS-1	101	S	S	RST-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-											
					170,571,708	170,571,708	2,046,860,490	170,607,868	170,598,196	170,598,733	170,600,985	170,620,244	170,596,424	170,611,076	170,610,135	170,605,098	170,595,813	170,593,270	170,601,973	2,047,239,816		29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221
Total RS					(61,800,595)	(61,800,595)	(741,607,134)	1,540,713,987	1,213,769,322	1,327,563,891	1,415,900,741	1,896,255,509	2,165,856,305	2,353,309,556	2,266,992,764	1,933,408,146	1,565,397,191	1,210,207,639	1,555,878,025	20,445,253,076	(0)	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221	29,362,221
GS-1	161	S	S	GSLM-2																-										
GS-1	90	S	S	GS-1			-	24,308	27,699	29,930	30,703	34,628	34,576	35,329	36,671	38,340	43,895	-	-	336,080										
GS-1	66	S	S	GS-1			-	34,627	33,070	30,158	33,069	34,315	34,366	35,039	36,431	32,616	31,703	95,015	98,787	529,196										
GS-1	60	S	S	GS-1	(90,949,963)	(90,949,963)	(1,091,399,553)	48,306,948	46,302,064	49,275,253	63,867,954	76,924,914	107,664,173	110,666,710	120,347,865	124,868,146	108,051,089	75,373,177	56,187,545	987,835,836										
GS-1	61	S	S	GSLM-1			-	36,846	31,053	23,511	25,963	31,804	45,930	48,165	57,714	52,901	44,571	-	-	398,458										
					(90,949,963)	(90,949,963)	(1,091,399,553)	48,402,729	46,393,886	49,358,852	63,957,689	77,025,661	107,779,046	110,785,242	120,478,681	124,992,004	108,171,258	75,468,192	56,286,332	989,099,570										
GS-1	62	P	P	GS-1	15	15	176	468,273	453,832	466,574	818,585	657,600	1,560,336	1,000,295	1,033,048	1,609,363	1,121,632	1,721,393	497,311	11,408,244										
GS-1	50	S	S	GST-1	(500,022)	(500,022)	(6,000,261)	5,921,314	5,187,267	6,178,928	6,640,843	7,748,492	8,782,713	7,674,020	7,615,222	7,821,926	7,732,804	7,412,200	6,821,732	85,537,459		(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)
GS-1	100	S	S	GST-1			-	627,476	578,566	566,716	622,019	655,059	743,538	722,924	728,291	741,518	720,432	-	-	6,706,539										
GS-1	102	S	S	GST-1			-	8,445	6,001	4,076	4,158	5,034	6,243	6,243	5,854	5,349	5,274	-	-	56,678										
GS-1	105	S	P	GST-1			-	3,743	4,024	4,090	4,062	3,992	4,564	4,094	4,173	4,839	4,059	-	-	41,640										
GS-1	130	S	S	GST-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					(500,022)	(500,022)	(6,000,261)	6,560,978	5,775,858	6,753,810	7,271,082	8,412,576	9,537,058	8,407,280	8,353,540	8,573,632	8,462,569	7,412,200	6,821,732	92,342,316		(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)	(1,370,224)
GS-1	52	P	P	GST-1	(21,858)	(21,858)	(262,298)	30,528	47,548	28,135	29,544	20,356	27,271	21,407	36,064	29,075	9,438	15,197	3,084	297,646		(17,856)	(17,856)	(17,856)	(17,856)	(17,856)	(17,856)	(17,856)	(17,856)	(17,856)	(17,856)
GS-1	104	T	T	GST-1	(81,050)	(81,050)	(972,601)	158,909	(81,050)	266,005	119,464	112,962	136,489	(81,050)	155,006	128,865	95,271	158,436	79,501	1,248,809		2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983	2,983
Total GS-1					(91,552,878)	(91,552,878)	(1,098,634,537)	55,621,418	52,590,074	56,873,376	72,196,364	86,229,155	119,040,201	120,133,175	130,056,339	135,332,940	117,860,167	84,775,417	63,687,960	1,094,396,585	(0)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)	(1,385,097)
GS-2	67	S	S	GS-2			-	182,964	173,610	153,928	165,478	170,525	172,159	175,976	183,806	160,446	166,266	81,803	85,853	1,872,813										
GS-2	76	S	S	GS-2			-	44,118	41,844	37,120	39,863	40,994	40,898	41,782	43,640	38,757	39,503	-	-	408,518										
					-	-	-	227,081	215,454	191,048	205,340	211,519	213,057	217,758	227,446	199,202	205,769	81,803	85,853	2,281,331		-	-	-	-	-	-	-	-	-	-
GS-2	27	S	S	GS-2			-	891,172	768,200	761,986	768,986	754,658	785,548	813,487	767,816	794,922	800,403	-	-	7,907,179										
GS-2	28	S	S	GS-2			-	16,912,371	15,345,151	15,090,258	15,751,368	15,857,591	16,596,314	17,224,074	16,809,955	16,529,266	16,452,010	17,166,596	17,306,074	197,041,028										
					-	-	-	17,803,543	16,113,351	15,852,243	16,520,355	16,612,248	17,381,862	18,037,561	17,577,771	17,324,188	17,252,414	17,166,596	17,306,074	204,948,207		-	-	-	-	-	-	-	-	-	-
Total GS-2					-	-	-	18,030,625	16,328,804	16,043,291	16,725,695	16,823,768	17,594,919	18,255,319	17,805,218	17,523,390	17,458,183	17,248,399	17,391,927	207,229,538	-	-	-	-	-	-	-	-	-	-	-
GSD	8	S	P	GSD-1			-	-	3,640	6,040	2,594	5,805	8,567	8,718	8,578	8,468	8,076	-	-	60,486										
GSD	70	S	S	GSD-1	9,178,743	9,178,743	110,144,919	237,852,027	222,824,210	236,294,440	248,714,425	281,359,147	310,366,766	319,862,084	327,404,546	326,380,547	305,027,457	270,957,616	239,397,202	3,326,440,468										
GSD	71	S	S	GSLM-1			-	278,952	244,253	234,361	238,390	245,685	267,719	300,498	278,643	276,637	268,219	-	-	2,633,357										
GSD	171	S	S	GSLM-2			-	736,223	607,633	577,378	718,324	704,863	739,979	768,243	701,425	702,000	740,647	-	-	6,996,715										
GSD	829	S	S	GSD-1			-	37,216	32,291	29,242	-	-	-	-	-	-	-	-	-	98,749										
					9,178,743	9,178,743	110,144,919	238,904,417	223,712,027	237,141,462	249,673,733	282,315,501	311,383,031	320,939,544	328,393,192	327,367,651	306,044,399	270,957,616	239,397,202	3,336,229,775										
GSD	72	P	P	GSD-1			-	5,376,402	5,346,067	4,911,463	5,809,808	5,972,437	6,465,948	5,879,820	6,037,937	6,884,503	6,281,804	5,782,754	4,917,831	69,666,775										
GSD	73	P	P	GSLM-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					-	-	-	5,376,402	5,346,067	4,911,463	5,809,808	5,972,437	6,465,948	5,879,820	6,037,937	6,884,503	6,281,804	5,782,754	4,917,831	69,666,775										
GSD	75	T	T	GSLM-1			-	-	-	-	-	-	-	-	-	-	-	15,860	17,429	33,288										
GSD	53	S	S	GSDT-1	44,268,467	44,268,467	531,221,609	419,240,171	387,477,223	395,745,239	407,582,269	433,810,404	467,439,739	495,650,902	495,523,325	495,949,764	472,832,476	480,855,050	473,050,727	5,425,157,289		(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)
GSD	69	S	S	GSLM-1			-	5,056,116	4,232,092	4,633,326	5,215,189	5,961,134	6,546,729	7,459,681	7,989,973	6,891,467	6,436,586	-	-	60,422,293										
GSD	107	S	P	GSDT-1			-	1,305,566	2,359,939	155,564	1,209,297	2,475,172	8,916	1,668,609	1,577,557	1,562,253	1,408,393	-	-	13,731,268										
GSD	109	S	S	GSDT-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										
GSD	169	S	S	GSLM-2			-	24,466,345	21,773,859	23,490,848	22,777,456	23,847,098	26,509,621	27,281,808	26,203,795	27,049,240	25,278,702	-	-	248,678,772										
GSD	620	S	S	GSDT-1			-	191,380	198,893	170,618	197,582	195,694	219,398	255,101	247,816	237,567	228,689	-	-	2,142,739										
GSD	621	S	S	GSDT-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										
GSD	622	S	S	GSLM-2			-	953,232	-	1,730,198	885,428	955,289	1,177,272	-	1,233,549	1,160,232	1,142,171	-	-	9,237,370										
GSD	623	S	S	GSDT-1			-	-	-	-	-	-	-	-	191,899	184,722	185,834	-	-	562,454										
GSD	624	S	S	GSDT-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										
GSD	627	S	S	GSDT-1			-	95,992	92,670	96,476	92,699	93,059	115,802	122,274	158,587	120,071	115,060	-	-	1,102,691										
GSD	834	S	S	GSDT-1			-	5,602,997	4,908,144	4,893,648	5,029,790	5,185,274	5,713,233	6,285,896	5,860,407	5,749,487	5,161,507	-	-	54,390,383										
GSD	851	S	S	GSLM-2			-	1,315,582	1,250,849	1,194,689	1,350,721	1,331,247	1,388,322	1,835,505	1,782,369	1,630,903	1,682,663	-	-	14,762,850										
					44,268,467	44,268,467	531,221,609	458,227,382	422,293,669	432,110,605	444,340,431	473,854,371	509,119,031	540,559,777	540,769,277	540,535,708	514,472,081	480,855,050	473,050,727	5,830,188,109		(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)	(89,051,117)
GSD	45	P	P	GSLM-1			-	89,036	-	154,268	82,615	105,226	132,778	124,285	-	131,212	119,568	-	-	938,989										
GSD	54	P	P	GSDT-1	(5,948,044)	(5,948,044)	(71,376,524)	79,234,554	69,781,637	68,281,827	74,216,666	80,786,498	83,196,203	90,878,163	105,197,986	91,578,629	86,708,935	92,523,783	89,708,875	1,012,093,756		(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)
GSD	145	P	P	GSLM-2			-	4,424,855	3,528,647	4,079,473	3,769,714	3,743,281	4,653,759	4,198,304	5,144,125	4,962,526	4,582,558	-	-	43,087,242										
GSD	625	P	P	GSDT-1			-	-	-	-	-	-	-	-	-	341,550	373,796	-	-	715,347										
GSD	835	P	P	GSDT-1			-	5,877,108	4,984,630	4,983,008	4,630,136	4,714,258	5,333,910	5,068,035	5,879,641	4,883,445	4,812,546	-	-	51,166,716										
					(5,948,044)	(5,948,044)	(71,376,524)	89,625,553	78,294,915	77,498,576	82,699,131	89,349,263	93,316,649	100,268,787	116,221,753	101,897,363	96,597,404	92,523,783	89,708,875	1,108,002,050		(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)	(22,611,909)
GSD	83	T	T	GSDT-1	(230,659)	(230,659)	(2,767,905)	24,852,372	19,189,062	18,773,696	22,279,974	23,564,808	22,004,091	26,266,568	31,489,087	26,381,835	26,102,859	24,960,643	21,445,951	287,310,947		(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)
GSD	84	T	P	GSDT-1			-	-	-	-	-	-	-	-	-	-	-	-	-	-										

Rate Class	Rate Code	Del	Met	Rate Sch.	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
					(230,659)	(230,659)	(2,767,905)	24,852,372	19,189,062	18,773,696	22,279,974	23,564,808	22,004,091	26,266,568	31,489,087	26,381,835	26,102,859	24,960,643	21,445,951	287,310,947		(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)	(1,325,712)
Total GSD					47,268,508	47,268,508	567,222,099	816,986,126	748,835,739	770,435,802	804,803,077	875,056,380	942,288,751	993,914,495	1,022,911,246	1,003,067,060	949,498,547	875,095,705	828,538,015	10,631,430,944	(0)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)	(112,988,738)
CS	18	S	S	CS-1			-	-	-	-	-	-	-	-	-	-	-	-	-											
CS	280	P	P	CS-2			-	-	-	-	-	-	-	-	-	-	-	1,851	1,851											
CS	85	P	P	CST-1	(185,166)	(185,166)	(2,221,992)	4,194,065	6,088,215	1,149,253	3,488,968	3,935,837	3,284,988	3,951,553	3,808,185	3,517,233	3,493,229	3,587,623	3,435,354	43,934,502		(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)
CS	285	P	P	CST-2			-	-	-	-	-	-	-	-	-	-	-	-	-											
CS	385	P	P	CST-3			-	-	-	-	-	-	-	-	-	-	-	-	-											
CS	766	P	P	CST-3			-	-	-	-	-	-	-	-	-	-	-	-	-											
					(185,166)	(185,166)	(2,221,992)	4,194,065	6,088,215	1,149,253	3,488,968	3,935,837	3,284,988	3,951,553	3,808,185	3,517,233	3,493,229	3,587,623	3,435,354	43,934,502		(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)
Total CS					(185,166)	(185,166)	(2,221,992)	4,194,065	6,088,215	1,149,253	3,488,968	3,935,837	3,284,988	3,951,553	3,808,185	3,517,233	3,493,229	3,587,623	3,437,205	43,936,353	(0)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)	(680,516)
IS	44	S	P	IS-1			-	78,858	103,900	95,948	79,350	116,235	90,782	91,045	101,270	117,995	113,082	-	-	988,464											
IS	47	S	S	IS-1			-	907,083	905,195	955,357	914,264	1,269,381	1,256,295	1,160,313	1,349,105	1,392,020	1,340,284	1,122,696	938,299	13,510,293											
IS	247	S	S	IS-1			-	401,960	645,329	519,047	807,941	884,479	714,731	723,963	843,675	834,011	800,209	782,387	644,698	8,602,430											
					-	-	-	1,387,900	1,654,423	1,570,353	1,801,555	2,270,095	2,061,807	1,975,321	2,294,051	2,344,026	2,253,575	1,905,083	1,582,997	23,101,188		-	-	-	-	-	-	-	-	-	-
IS	46	P	P	IS-1			-	9,537,091	9,482,318	11,177,001	9,593,450	11,715,378	11,456,515	9,925,542	11,298,877	9,397,650	10,310,097	10,429,835	8,636,321	122,960,076											
IS	246	P	P	IS-2			-	4,379,826	2,761,680	6,849,604	4,213,533	5,319,581	4,252,880	3,037,887	5,480,743	4,369,770	5,002,683	5,075,243	5,064,746	55,808,178											
					-	-	-	13,916,917	12,243,998	18,026,605	13,806,983	17,034,959	15,709,395	12,963,429	16,779,620	13,767,420	15,312,780	15,505,079	13,701,068	178,768,253		-	-	-	-	-	-	-	-	-	-
IS	155	T	P	IS-1			-	-	-	-	-	-	-	-	-	-	-	-	-											
IS	26	S	P	IST-1			-	232,891	203,409	212,064	192,095	237,706	214,234	207,226	235,126	252,080	192,592	-	-	2,179,424											
IS	30	S	S	IST-1			-	596,425	622,983	690,648	606,424	609,389	554,036	564,562	842,901	612,893	661,362	658,824	668,138	7,688,585											
IS	230	S	S	IST-2	(173,833)	(173,833)	(2,085,997)	18,034,626	15,513,158	19,554,295	17,091,659	21,745,216	20,483,304	22,191,474	22,717,880	21,905,611	21,306,919	20,327,661	18,847,401	239,719,204		(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)
					(173,833)	(173,833)	(2,085,997)	18,863,942	16,339,550	20,457,007	17,890,178	22,592,310	21,251,574	22,963,262	23,795,907	22,770,585	22,160,873	20,986,485	19,515,539	249,587,213		(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)	(4,590,131)
IS	57	P	P	IST-1	(1,586,437)	(1,586,437)	(19,037,241)	21,558,863	23,706,160	25,352,808	22,062,360	16,833,661	14,108,705	16,425,472	17,103,368	16,197,310	16,163,919	30,784,645	31,226,696	251,523,967		(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)
IS	59	P	T	IST-1			-	6,131	4,926	5,318	5,286	5,705	5,022	5,981	5,595	5,497	5,195	-	-	54,654											
IS	257	P	P	IST-2			-	29,461,882	25,600,421	31,215,972	27,811,959	29,487,048	28,324,512	30,109,747	32,387,919	29,624,983	28,763,578	30,203,509	30,120,332	353,111,862											
					(1,586,437)	(1,586,437)	(19,037,241)	51,026,876	49,311,507	56,574,097	49,879,605	46,326,414	42,438,239	46,541,201	49,496,881	45,827,790	44,932,691	60,988,153	61,347,028	604,690,483		(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)	(10,087,435)
IS	55	T	T	IST-1			-	3,511,480	3,243,680	2,929,504	2,629,742	2,738,682	2,642,130	3,014,620	3,222,250	3,134,505	3,434,874	3,260,764	2,856,394	36,618,625		(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)
IS	156	T	P	IST-1	(2,375,135)	(2,375,135)	(28,501,621)	19,095,841	19,651,939	17,167,599	17,524,221	20,477,368	18,315,006	18,643,583	20,903,270	16,515,553	16,619,787	(2,375,135)	(2,375,135)	180,163,897		(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)
IS	255	T	T	IST-2			-	46,575,045	44,796,591	48,464,306	51,174,662	33,707,326	70,656,965	57,013,238	48,206,103	57,775,886	49,436,880	57,492,261	62,283,639	627,582,901		(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)	(2,341,663)
					(2,375,135)	(2,375,135)	(28,501,621)	69,182,367	67,692,210	68,561,409	71,328,625	56,923,377	91,614,101	78,671,441	72,331,623	77,425,944	69,491,541	58,377,889	62,764,897	844,365,423		(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)	(7,024,990)
Total IS					(4,135,405)	(4,135,405)	(49,624,859)	154,378,002	147,241,687	165,189,471	154,706,947	145,147,155	173,075,116	163,114,654	164,698,083	162,135,765	154,151,461	157,762,689	158,911,530	1,900,512,560	-	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)	(21,702,556)
LS	17	S	S	LS-1			-	26,752,088	25,689,649	24,180,701	25,050,206	26,094,397	26,043,566	26,274,108	26,280,362	24,260,408	24,460,687	23,645,478	25,549,436	304,281,088											
LS	116	S	S	LS-1			-	333,381	322,025	294,969	311,440	321,595	323,205	326,552	332,326	284,193	304,189	293,495	316,390	3,763,758											
					-	-	-	27,085,469	26,011,674	24,475,669	25,361,646	26,415,992	26,366,771	26,600,660	26,612,688	24,544,601	24,764,876	23,938,973	25,865,826	308,044,846		-	-	-	-	-	-	-	-	-	-
LS	16	S	S	LS-1			-	2,291,684	2,018,573	1,995,315	1,865,779	1,625,830	1,691,997	1,791,627	1,653,166	1,763,577	1,828,512	1,939,574	2,135,077	22,600,712											
Total LS					-	-	-	29,377,153	28,030,247	26,470,984	27,227,425	28,041,822	28,058,768	28,392,287	28,265,854	26,308,178	26,593,389	25,878,547	28,000,903	330,645,558	0	-	-	-	-	-	-	-	-	-	-
SS-1	20	T	P	SS-1			-	94,274	78,906	79,151	72,217	71,350	80,374	82,853	102,974	84,276	-	-	-	746,375											
SS-1	21	P	P	SS-1	197,083	197,083	2,365,000	5,380,806	5,657,537	3,651,297	3,763,177	3,228,544	1,956,633	1,506,306	3,527,883	4,751,168	4,304,188	7,289,359	7,222,726	52,239,625											
SS-1	22	T	T	SS-1	(197,083)	(197,083)	(2,365,000)	226,712	154,632	955,386	794,287	108,209	163,136	151,104	138,065	132,458	164,816	331,588	637,929	3,958,322											
SS-1	22	T	T	SS-1																										
	Total SS-1				-	-	-	5,701,792	5,891,074	4,685,834	4,629,681	3,408,103	2,200,144	1,740,263	3,768,922	4,967,903	4,469,004	7,620,947	7,860,655	56,944,321	0	-	-	-	-	-	-	-	-	-	-
SS-2	23	P	P	SS-2			-	683,825	-	1,012,724	1,307,822	-	1,170,045	-	686,293	1,040,282	161,899	1,713,675	2,834,640	10,611,206											
SS-2	24	T	T	SS-2			-	-	305,927	329,138	233,960	379,517	-	230,033	85,038	-	24,964	-	-	1,588,578											
SS-2	123	T	P	SS-2			-	2,385,962	2,063,908	6,574,992	6,676,589	3,859,110	4,692,710	3,618,811	2,429,424	4,008,501	1,605,603	-	-	37,915,610											
Total SS-2					-	-	-	3,069,787	2,369,835	7,916,855	8,218,372	4,238,627	5,862,755	3,848,844	3,200,755	5,048,783	1,792,466	1,713,675	2,834,640	50,115,394	0	-	-	-	-	-	-	-	-	-	-
SS-3	25	P	P	SS-3			-	5,591,494	8,519,988	810,481	6,228,672	2,927,138	4,368,755	4,621,395	4,780,644	5,477,300	7,583,975	8,662,447	9,428,339	69,000,629											
Total SS-3					-	-	-	5,591,494	8,519,988	810,481	6,228,672	2,927,138	4,368,755	4,621,395	4,780,644	5,477,300	7,583,975	8,662,447	9,428,339	69,000,629	(0)	-	-	-	-	-	-	-	-	-	-
n/a																															
Other					-	-	-														-	-	-	-	-	-	-	-	-	-
Retail Total					(110,405,535)	(110,405,535)	(1,324,866,422)	2,633,664,450	2,229,664,985	2,377,139,239	2,514,125,942	3,062,063,493	3,461,630,702	3,691,281,540	3,646,288,010	3,296,786,698	2,848,297,613	2,392,553,089	2,675,969,199	34,829,464,959	0	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)	(107,394,686)

DEF Retail Forecast by Rate Co

Rate Class	Rate Code	Del	Met	Rate Sch.	Nov-23	Dec-23	Total
RS-1	1	S	S	RS-1			
RS-1	91	S	S	RSL-1			
RS-1	201	S	S	RSS-1			
RS-1	291	S	S	RSSL-1			
				<=1,000 kW			
				>1,000 kWI			
RS-1	51	S	S	RST-1	29,362,221	29,362,221	352,346,651
RS-1	101	S	S	RST-1			-
					29,362,221	29,362,221	352,346,651
Total RS					29,362,221	29,362,221	352,346,651
GS-1	161	S	S	GSLM-2			
GS-1	90	S	S	GS-1			
GS-1	66	S	S	GS-1			
GS-1	60	S	S	GS-1			
GS-1	61	S	S	GSLM-1			
GS-1	62	P	P	GS-1			
GS-1	50	S	S	GST-1	(1,370,224)	(1,370,224)	(16,442,687)
GS-1	100	S	S	GST-1			-
GS-1	102	S	S	GST-1			-
GS-1	105	S	P	GST-1			-
GS-1	130	S	S	GST-1			-
					(1,370,224)	(1,370,224)	(16,442,687)
GS-1	52	P	P	GST-1	(17,856)	(17,856)	(214,269)
GS-1	104	T	T	GST-1	2,983	2,983	35,795
Total GS-1					(1,385,097)	(1,385,097)	(16,621,161)
GS-2	67	S	S	GS-2			-
GS-2	76	S	S	GS-2			-
					-	-	-
GS-2	27	S	S	GS-2			-
GS-2	28	S	S	GS-2			-
					-	-	-
Total GS-2					-	-	-
GSD	8	S	P	GSD-1			
GSD	70	S	S	GSD-1			
GSD	71	S	S	GSLM-1			
GSD	171	S	S	GSLM-2			
GSD	829	S	S	GSD-1			
GSD	72	P	P	GSD-1			
GSD	73	P	P	GSLM-1			
GSD	75	T	T	GSLM-1			-
GSD	53	S	S	GSDT-1	(89,051,117)	(89,051,117)	(1,068,613,403)
GSD	69	S	S	GSLM-1			-
GSD	107	S	P	GSDT-1			-
GSD	109	S	S	GSDT-1			-
GSD	169	S	S	GSLM-2			-
GSD	620	S	S	GSDT-1			-
GSD	621	S	S	GSDT-1			-
GSD	622	S	S	GSLM-2			-
GSD	623	S	S	GSDT-1			-
GSD	624	S	S	GSDT-1			-
GSD	627	S	S	GSDT-1			-
GSD	834	S	S	GSDT-1			-
GSD	851	S	S	GSLM-2			-
					(89,051,117)	(89,051,117)	(1,068,613,403)
GSD	45	P	P	GSLM-1			-
GSD	54	P	P	GSDT-1	(22,611,909)	(22,611,909)	(271,342,906)
GSD	145	P	P	GSLM-2			-
GSD	625	P	P	GSDT-1			-
GSD	835	P	P	GSDT-1			-
					(22,611,909)	(22,611,909)	(271,342,906)
GSD	83	T	T	GSDT-1	(1,325,712)	(1,325,712)	(15,908,548)
GSD	84	T	P	GSDT-1			-

DEF Retail Forecast by Rate Co

Rate Class	Rate Code	Del	Met	Rate Sch.	Nov-23	Dec-23	Total
					(1,325,712)	(1,325,712)	(15,908,548)
	Total GSD				(112,988,738)	(112,988,738)	(1,355,864,856)
CS	18	S	S	CS-1			-
CS	280	P	P	CS-2			-
CS	85	P	P	CST-1	(680,516)	(680,516)	(8,166,196)
CS	285	P	P	CST-2			-
CS	385	P	P	CST-3			-
CS	766	P	P	CST-3			-
					(680,516)	(680,516)	(8,166,196)
	Total CS				(680,516)	(680,516)	(8,166,196)
IS	44	S	P	IS-1			-
IS	47	S	S	IS-1			-
IS	247	S	S	IS-1			-
					-	-	-
IS	46	P	P	IS-1			-
IS	246	P	P	IS-2			-
					-	-	-
IS	155	T	P	IS-1			-
IS	26	S	P	IST-1			-
IS	30	S	S	IST-1			-
IS	230	S	S	IST-2	(4,590,131)	(4,590,131)	(55,081,576)
					(4,590,131)	(4,590,131)	(55,081,576)
IS	57	P	P	IST-1	(10,087,435)	(10,087,435)	(121,049,218)
IS	59	P	T	IST-1			-
IS	257	P	P	IST-2			-
					(10,087,435)	(10,087,435)	(121,049,218)
IS	55	T	T	IST-1	(2,341,663)	(2,341,663)	(28,099,959)
IS	156	T	P	IST-1	(2,341,663)	(2,341,663)	(28,099,959)
IS	255	T	T	IST-2	(2,341,663)	(2,341,663)	(28,099,959)
					(7,024,990)	(7,024,990)	(84,299,878)
	Total IS				(21,702,556)	(21,702,556)	(260,430,672)
LS	17	S	S	LS-1			-
LS	116	S	S	LS-1			-
					-	-	-
LS	16	S	S	LS-1			-
	Total LS				-	-	-
SS-1	20	T	P	SS-1			-
SS-1	21	P	P	SS-1			-
SS-1	22	T	T	SS-1			-
SS-1	22	T	T	SS-1			
	Total SS-1				-	-	-
SS-2	23	P	P	SS-2			-
SS-2	24	T	T	SS-2			-
SS-2	123	T	P	SS-2			-
	Total SS-2				-	-	-
SS-3	25	P	P	SS-3			-
	Total SS-3				-	-	-
	n/a						
	Other				-	-	-
	Retail Total				(107,394,686)	(107,394,686)	(1,288,736,234)

DEF Retail Forecast by Rate Co

Forecasted Sales kWh by Month - On-Peak

Adjustments to Forecasted Sales kWh by Month - Super Off-Peak

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23
RS-1	1	S	S	RS-1																													
RS-1	91	S	S	RSL-1																													
RS-1	201	S	S	RSS-1																													
RS-1	291	S	S	RSSL-1																													
				<=1,000 kW																													
				>1,000 kW																													
RS-1	51	S	S	RST-1	29,371,553	29,370,048	29,370,219	29,371,296	29,383,884	29,371,788	29,378,796	29,379,123	29,376,282	29,373,762	29,370,616	29,370,588	352,487,955	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000	32,438,333	32,438,333	32,438,333	32,438,333
RS-1	101	S	S	RST-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-				
					29,371,553	29,370,048	29,370,219	29,371,296	29,383,884	29,371,788	29,378,796	29,379,123	29,376,282	29,373,762	29,370,616	29,370,588	352,487,955	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000	32,438,333	32,438,333	32,438,333	32,438,333
Total RS					29,371,553	29,370,048	29,370,219	29,371,296	29,383,884	29,371,788	29,378,796	29,379,123	29,376,282	29,373,762	29,370,616	29,370,588	352,487,955	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000	32,438,333	32,438,333	32,438,333	32,438,333
GS-1	161	S	S	GSLM-2																													
GS-1	90	S	S	GS-1																													
GS-1	66	S	S	GS-1																													
GS-1	60	S	S	GS-1																													
GS-1	61	S	S	GSLM-1																													
GS-1	62	P	P	GS-1																													
GS-1	50	S	S	GST-1	804,350	664,545	971,652	953,171	1,235,745	1,430,220	1,207,276	1,390,394	1,459,396	1,512,679	1,339,576	881,251	13,850,254	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	53,564,000	4,463,667	4,463,667	4,463,667	4,463,667
GS-1	100	S	S	GST-1	210,456	212,772	213,344	229,557	248,514	261,607	262,624	288,101	283,582	281,620	-	-	2,492,177												-	-	-	-	-
GS-1	102	S	S	GST-1	2,476	1,940	1,304	1,733	2,337	2,761	2,570	2,227	2,276	2,144	-	-	21,770												-	-	-	-	-
GS-1	105	S	P	GST-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
GS-1	130	S	S	GST-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
					1,017,283	879,257	1,186,300	1,184,460	1,486,597	1,694,588	1,472,470	1,680,722	1,745,254	1,796,444	1,339,576	881,251	16,364,201	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	53,564,000	4,463,667	4,463,667	4,463,667	4,463,667
GS-1	52	P	P	GST-1	1,511	6,997	(2,097)	(1,973)	(4,853)	(647)	(3,423)	(5,730)	(4,482)	(8,003)	(5,792)	(509)	(29,003)	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	476,000	39,667	39,667	39,667	39,667
GS-1	104	T	T	GST-1	40,320	2,983	62,779	5,469	2,983	2,983	2,983	11,835	2,983	23,369	35,511	29,848	224,046	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	937,000	78,083	78,083	78,083	78,083
Total GS-1					1,059,115	889,237	1,246,982	1,187,956	1,484,727	1,696,924	1,472,029	1,686,827	1,743,755	1,811,809	1,369,295	910,590	16,559,244	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	54,977,000	4,581,417	4,581,417	4,581,417	4,581,417
GS-2	67	S	S	GS-2																									-				
GS-2	76	S	S	GS-2																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-2	27	S	S	GS-2																									-				
GS-2	28	S	S	GS-2																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total GS-2																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	8	S	P	GSD-1																									-				
GSD	70	S	S	GSD-1																									-				
GSD	71	S	S	GSLM-1																									-				
GSD	171	S	S	GSLM-2																									-				
GSD	829	S	S	GSD-1																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	72	P	P	GSD-1																									-				
GSD	73	P	P	GSLM-1																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	75	T	T	GSLM-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
GSD	53	S	S	GSDT-1	48,469,560	43,418,591	49,616,611	63,796,861	87,188,360	91,016,446	100,193,638	106,611,620	103,913,432	102,063,147	88,342,297	48,887,938	933,518,500	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	1,487,526,053	123,960,504	123,960,504	123,960,504	123,960,504
GSD	69	S	S	GSLM-1	1,646,665	1,450,350	1,770,064	2,109,484	2,553,395	2,803,934	3,098,702	3,201,699	3,016,453	2,669,528	-	-	24,320,276												-	-	-	-	-
GSD	107	S	P	GSDT-1	421,163	738,873	25,969	412,012	1,022,802	6,711	613,692	618,077	587,149	553,271	-	-	4,999,719												-	-	-	-	-
GSD	109	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
GSD	169	S	S	GSLM-2	9,192,128	8,538,442	9,257,005	9,653,444	10,727,873	11,039,185	11,640,257	11,468,603	11,414,203	11,251,967	-	-	104,183,107												-	-	-	-	-
GSD	620	S	S	GSDT-1	77,735	82,301	73,800	82,037	93,804	105,503	113,877	119,036	113,471	104,477	-	-	966,041												-	-	-	-	-
GSD	621	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
GSD	622	S	S	GSLM-2	306,413	-	545,091	406,219	459,883	464,392	-	514,036	451,765	482,392	-	-	3,630,192												-	-	-	-	-
GSD	623	S	S	GSDT-1	-	-	-	-	-	-	-	94,678	85,293	92,191	-	-	272,163												-	-	-	-	-
GSD	624	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-
GSD	627	S	S	GSDT-1	28,569	31,487	30,581	35,952	53,839	57,938	62,937	80,002	63,045	62,351	-	-	506,700												-	-	-	-	-
GSD	834	S	S	GSDT-1	1,644,292	1,635,715	1,604,387	1,804,202	2,122,103	2,176,781	2,394,970	2,423,538	2,144,269	2,159,875	-	-	20,110,131												-	-	-	-	-
GSD	851	S	S	GSLM-2	373,889	366,722	392,932	440,227	528,860	546,697	634,896	711,677	612,514	621,639	-	-	5,230,052												-	-	-	-	-
					62,160,414	56,262,482	63,316,440	78,740,438	104,750,918	108,217,586	118,752,969	125,842,967	122,401,592	120,060,838	88,342,297	48,887,938	1,097,736,880	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	1,487,526,053	123,960,504	123,960,504	123,960,504	123,960,504
GSD	45	P	P	GSLM-1	39,607	-	80,559	49,973	63,075	64,740	63,673	-	67,456	64,428	-	-	493,512												-	-	-	-	-
GSD	54	P	P	GSDT-1	2,481,180	1,929,200	1,663,532	6,553,497	12,045,978	11,189,919	14,378,918	19,603,970	15,653,985	15,059,983	13,156,553	6,940,651	120,657,368	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	342,719,430	28,559,952	28,559,952	28,559,952	28,559,952
GSD	145	P	P	GSLM-2	1,286,047	1,159,888	1,330,011	1,321,586	1,396,759	1,598,207	1,463,161	1,940,705	1,638,228	1,756,022	-	-	14,890,613												-	-	-	-	-
GSD	625	P	P	GSDT-1	-	-	-	-	-	-	-	-	118,404	136,981	-	-	255,385												-	-	-	-	-
GSD	835	P	P	GSDT-1	1,649,756	1,633,647	1,533,924	1,687,223	1,852,489	1,791,169	1,851,876	2,069,429	1,816,811	1,908,435	-	-	17,794,758												-	-	-	-	-
					5,456,590	4,722,735	4,608,026	9,612,279	15,358,302	14,644,036	17,757,628	23,614,104	19,294,884	18,925,848	13,156,553	6,940,651	154,091,636	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	342,719,430	28,559,952	28,559,952	28,559,952	28,559,952
GSD	83	T	T	GSDT-1	5,650,144	4,936,741	4,741,502	6,298,690	7,924,754	7,522,529	9,620,264	10,109,757	9,824,037	9,327,177	8,672,074	5,460,982	90,088,649	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	18,676,453	1,556,371	1,556,371	1,556,371	1,556,371
GSD	84	T	P	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-

DEF Retail Forecast by Rate Co

Forecasted Sales kWh by Month - On-Peak

Adjustments to Forecasted Sales kWh by Month - Super Off-Peak

Rate Class	Rate Code	Del	Met	Rate Sch.	Forecasted Sales kWh by Month - On-Peak Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Adjustments to Forecasted Sales kWh by Month - Super Off-Peak Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-24	Feb-24	Mar-24	Apr-24
					5,650,144	4,936,741	4,741,502	6,298,690	7,924,754	7,522,529	9,620,264	10,109,757	9,824,037	9,327,177	8,672,074	5,460,982	90,088,649	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	18,676,453	1,556,371	1,556,371	1,556,371	1,556,371
Total GSD					73,267,147	65,921,957	72,665,968	94,651,407	128,033,975	130,384,151	146,130,861	159,566,828	151,520,513	148,313,863	110,170,924	61,289,571	1,341,917,166	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	1,848,921,935	154,076,828	154,076,828	154,076,828	154,076,828
CS	18	S	S	CS-1																									-				
CS	280	P	P	CS-2																									-				
CS	85	P	P	CST-1	619,358	1,178,925	(346,179)	498,584	845,247	493,887	638,950	726,995	584,209	607,684	619,395	399,030	6,866,084	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187	865,682	865,682	865,682	865,682
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	-	-	-	-												-				
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-												-				
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-												-				
					619,358	1,178,925	(346,179)	498,584	845,247	493,887	638,950	726,995	584,209	607,684	619,395	399,030	6,866,084	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187	865,682	865,682	865,682	865,682
Total CS					619,358	1,178,925	(346,179)	498,584	845,247	493,887	638,950	726,995	584,209	607,684	619,395	399,030	6,866,084	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187	865,682	865,682	865,682	865,682
IS	44	S	P	IS-1																									-				
IS	47	S	S	IS-1																									-				
IS	247	S	S	IS-1																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-				
IS	46	P	P	IS-1																									-				
IS	246	P	P	IS-2																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-				
IS	155	T	P	IS-1																									-				
IS	26	S	P	IST-1	62,288	65,267	64,169	64,507	92,848	73,146	80,315	96,798	91,460	76,860	-	-	767,660												-	-	-	-	-
IS	30	S	S	IST-1	168,717	187,419	213,731	205,642	210,827	184,825	179,846	292,758	203,864	211,674	214,462	201,199	2,474,964												-	-	-	-	-
IS	230	S	S	IST-2	808,080	555,109	1,898,523	1,978,323	4,661,357	3,614,914	4,152,304	4,623,555	4,169,692	4,208,488	3,065,146	1,251,637	34,987,128	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	57,167,573	4,763,964	4,763,964	4,763,964	4,763,964
					1,039,085	807,795	2,176,423	2,248,472	4,965,033	3,872,886	4,412,466	5,013,111	4,465,016	4,497,022	3,279,607	1,452,836	38,229,752	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	57,167,573	4,763,964	4,763,964	4,763,964	4,763,964
IS	57	P	P	IST-1	(3,465,492)	(2,505,524)	(1,861,848)	(1,806,516)	(2,851,427)	(3,878,551)	(3,502,971)	(2,926,985)	(3,643,030)	(3,049,337)	(103,828)	95,865	(29,499,645)	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	140,086,458	11,673,872	11,673,872	11,673,872	11,673,872
IS	59	P	T	IST-1	1,640	1,564	1,705	1,752	2,079	1,769	1,980	2,133	1,778	2,008	-	-	18,409												-	-	-	-	-
IS	257	P	P	IST-2	8,678,456	8,296,913	10,229,841	9,926,123	12,077,042	10,965,305	11,189,212	12,730,378	10,998,160	11,570,587	10,474,902	9,500,150	126,637,069												-	-	-	-	-
					5,214,604	5,792,953	8,369,698	8,121,359	9,227,694	7,088,523	7,688,221	9,805,525	7,356,909	8,523,259	10,371,074	9,596,014	97,155,833	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	140,086,458	11,673,872	11,673,872	11,673,872	11,673,872
IS	55	T	T	IST-1	(1,253,146)	(1,398,766)	(1,420,963)	(1,459,005)	(1,289,279)	(1,473,986)	(1,182,623)	(1,174,618)	(1,163,641)	(1,094,615)	(1,278,751)	(1,456,190)	(15,645,583)													-	-	-	-	-
IS	156	T	P	IST-1	3,730,008	3,696,192	3,192,767	4,084,916	5,217,026	3,616,920	4,864,190	4,907,130	3,815,601	4,274,142	(2,341,663)	(2,341,663)	36,715,566	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	112,801,499	9,400,125	9,400,125	9,400,125	9,400,125
IS	255	T	T	IST-2	11,563,044	10,693,946	12,198,618	14,204,552	10,048,832	21,641,320	15,823,983	15,192,472	16,361,112	14,387,545	15,057,714	16,453,291	173,626,428													-	-	-	-	-
					14,039,906	12,991,372	13,970,423	16,830,464	13,976,579	23,784,254	19,505,550	18,924,984	19,013,072	17,567,072	11,437,299	12,655,437	194,696,411	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	112,801,499	9,400,125	9,400,125	9,400,125	9,400,125
Total IS					20,293,595	19,592,120	24,516,545	27,200,294	28,169,306	34,745,662	31,606,237	33,743,620	30,834,996	30,587,352	25,087,980	23,704,288	330,081,996	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	310,055,531	25,837,961	25,837,961	25,837,961	25,837,961
LS	17	S	S	LS-1																									-				
LS	116	S	S	LS-1																									-				
																		-	-	-	-	-	-	-	-	-	-	-	-	-				
LS	16	S	S	LS-1																									-				
Total LS																		-	-	-	-	-	-	-	-	-	-	-	-	-				
SS-1	20	T	P	SS-1	25,417	27,305	23,703	24,110	25,778	25,288	29,868	36,167	30,101	-	-	-	247,737												-	-	-	-	-
SS-1	21	P	P	SS-1	1,453,885	1,668,315	1,034,258	1,158,555	1,182,855	661,057	517,350	1,169,252	1,778,926	1,583,011	-	-	12,207,463												-	-	-	-	-
SS-1	22	T	T	SS-1	55,008	45,918	302,570	296,511	34,164	34,134	166	2,569	-	10,666	-	-	781,706												-	-	-	-	-
SS-1	22	T	T	SS-1																													
Total SS-1					1,534,309	1,741,538	1,360,530	1,479,175	1,242,797	720,480	547,383	1,207,988	1,809,027	1,593,677	-	-	13,236,905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SS-2	23	P	P	SS-2	220,282	-	343,118	573,681	-	470,390	-	237,069	416,044	14,629	645,733	1,019,132	3,940,077												-	-	-	-	-
SS-2	24	T	T	SS-2	-	185,071	193,817	110,104	151,023	-	89,157	27,806	-	12,947	-	-	769,925												-	-	-	-	-
SS-2	123	T	P	SS-2	740,783	583,037	2,172,161	2,129,189	1,566,447	1,650,619	1,211,415	932,923	1,555,725	488,619	-	-	13,030,918												-	-	-	-	-
Total SS-2					961,065	768,108	2,709,095	2,812,974	1,717,470	2,121,008	1,300,572	1,197,797	1,971,770	516,195	645,733	1,019,132	17,740,920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SS-3	25	P	P	SS-3	1,764,067	2,253,466	69,122	1,883,491	791,462	818,146	668,388	894,666	1,158,271	2,526,927	-	-	12,828,005												-	-	-	-	-
Total SS-3					1,764,067	2,253,466	69,122	1,883,491	791,462	818,146	668,388	894,666	1,158,271	2,526,927	-	-	12,828,005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n/a																																	
Other					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail Total					128,870,210	121,715,397	131,592,282	159,085,178	191,668,867	200,352,046	211,743,216	228,403,845	218,998,823	215,331,270	167,263,943	116,693,199	2,091,718,275	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	2,613,602,653	217,800,221	217,800,221	217,800,221	217,800,221

DEF Retail Forecast by Rate Co

Rate Class	Rate Code	Del	Met	Rate Sch.	Forecasted Sales kWh by Month - Super Off Peak May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
RS-1	1	S	S	RS-1									
RS-1	91	S	S	RSL-1									
RS-1	201	S	S	RSS-1									
RS-1	291	S	S	RSSL-1									
				<=1,000 kW									
				>1,000 kW									
RS-1	51	S	S	RST-1	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000
RS-1	101	S	S	RST-1	-	-	-	-	-	-	-	-	-
					32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000
Total RS					32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	32,438,333	389,260,000
GS-1	161	S	S	GSLM-2									
GS-1	90	S	S	GS-1									
GS-1	66	S	S	GS-1									
GS-1	60	S	S	GS-1									
GS-1	61	S	S	GSLM-1									
GS-1	62	P	P	GS-1									
GS-1	50	S	S	GST-1	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	53,564,000
GS-1	100	S	S	GST-1	-	-	-	-	-	-	-	-	-
GS-1	102	S	S	GST-1	-	-	-	-	-	-	-	-	-
GS-1	105	S	P	GST-1	-	-	-	-	-	-	-	-	-
GS-1	130	S	S	GST-1	-	-	-	-	-	-	-	-	-
					4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	4,463,667	53,564,000
GS-1	52	P	P	GST-1	39,667	39,667	39,667	39,667	39,667	39,667	39,667	39,667	476,000
GS-1	104	T	T	GST-1	78,083	78,083	78,083	78,083	78,083	78,083	78,083	78,083	937,000
Total GS-1					4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	4,581,417	54,977,000
GS-2	67	S	S	GS-2									
GS-2	76	S	S	GS-2									
GS-2	27	S	S	GS-2									
GS-2	28	S	S	GS-2									
Total GS-2					-	-	-	-	-	-	-	-	-
GSD	8	S	P	GSD-1									
GSD	70	S	S	GSD-1									
GSD	71	S	S	GSLM-1									
GSD	171	S	S	GSLM-2									
GSD	829	S	S	GSD-1									
GSD	72	P	P	GSD-1									
GSD	73	P	P	GSLM-1									
GSD	75	T	T	GSLM-1	-	-	-	-	-	-	-	-	-
GSD	53	S	S	GSDT-1	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	1,487,526,053
GSD	69	S	S	GSLM-1	-	-	-	-	-	-	-	-	-
GSD	107	S	P	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	109	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	-	-	-	-	-	-	-	-	-
GSD	620	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	621	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	-	-	-	-	-	-	-	-	-
GSD	623	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	624	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	834	S	S	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	851	S	S	GSLM-2	-	-	-	-	-	-	-	-	-
					123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	123,960,504	1,487,526,053
GSD	45	P	P	GSLM-1	-	-	-	-	-	-	-	-	-
GSD	54	P	P	GSDT-1	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	342,719,430
GSD	145	P	P	GSLM-2	-	-	-	-	-	-	-	-	-
GSD	625	P	P	GSDT-1	-	-	-	-	-	-	-	-	-
GSD	835	P	P	GSDT-1	-	-	-	-	-	-	-	-	-
					28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	28,559,952	342,719,430
GSD	83	T	T	GSDT-1	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	18,676,453
GSD	84	T	P	GSDT-1	-	-	-	-	-	-	-	-	-

Forecasted ¢/kWh by Month - Off Peak or Base

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23
RS-1	1	S	S	RS-1												
RS-1	91	S	S	RSL-1												
RS-1	201	S	S	RSS-1												
RS-1	291	S	S	RSSL-1												
				<=1,000 kW	7.783	7.783	6.714	6.714	6.714	6.714	6.714	6.714	6.714	6.714	6.714	7.783
				>1,000 kW	8.933	8.933	7.598	7.598	7.598	7.598	7.598	7.598	7.598	7.598	7.598	8.933
RS-1	51	S	S	RST-1	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454
RS-1	101	S	S	RST-1	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454	7.454
GS-1	161	S	S	GSLM-2	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	90	S	S	GS-1	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	66	S	S	GS-1	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	60	S	S	GS-1	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	61	S	S	GSLM-1	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	62	P	P	GS-1	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206	7.206
GS-1	50	S	S	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	100	S	S	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	102	S	S	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	105	S	P	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	130	S	S	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	52	P	P	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-1	104	T	T	GST-1	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432	8.432
GS-2	67	S	S	GS-2	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779
GS-2	76	S	S	GS-2	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779
GS-2	27	S	S	GS-2	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779
GS-2	28	S	S	GS-2	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779	2.779
GSD	8	S	P	GSD-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	70	S	S	GSD-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	71	S	S	GSLM-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	171	S	S	GSLM-2	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	829	S	S	GSD-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	72	P	P	GSD-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	73	P	P	GSLM-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	75	T	T	GSLM-1	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008	3.008
GSD	53	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	69	S	S	GSLM-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	107	S	P	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	109	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	169	S	S	GSLM-2	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	620	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	621	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	622	S	S	GSLM-2	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	623	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	624	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	627	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	834	S	S	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	851	S	S	GSLM-2	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	45	P	P	GSLM-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	54	P	P	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	145	P	P	GSLM-2	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	625	P	P	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	835	P	P	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	83	T	T	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729
GSD	84	T	P	GSDT-1	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729	2.729

Forecasted ¢/kWh by Month - On Peak

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23	Jan 23
RS-1	51	S	S	RST-1	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	4.270
RS-1	101	S	S	RST-1	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	8.982	4.270
GS-1	50	S	S	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	100	S	S	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	102	S	S	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	105	S	P	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	130	S	S	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	52	P	P	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GS-1	104	T	T	GST-1	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	9.054	4.724
GSD	53	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	69	S	S	GSLM-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	107	S	P	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	109	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	169	S	S	GSLM-2	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	620	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	621	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	622	S	S	GSLM-2	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	623	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	624	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	627	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	834	S	S	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	851	S	S	GSLM-2	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	45	P	P	GSLM-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	54	P	P	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	145	P	P	GSLM-2	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	625	P	P	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	835	P	P	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	83	T	T	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640
GSD	84	T	P	GSDT-1	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	3.316	1.640

Rate Class	Rate Code	Del	Met	Rate Sch.	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23	Jan 23 Jan-23
					1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	1,556,371	18,676,453																									
Total GSD					154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	154,076,828	1,848,921,935																									
CS	18	S	S	CS-1										2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009													
CS	280	P	P	CS-2										2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009	2.009													
CS	85	P	P	CST-1	865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
					865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187																									
Total CS					865,682	865,682	865,682	865,682	865,682	865,682	865,682	865,682	10,388,187																									
IS	44	S	P	IS-1										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	47	S	S	IS-1										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	247	S	S	IS-1										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	46	P	P	IS-1										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	246	P	P	IS-2										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	155	T	P	IS-1										1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332													
IS	26	S	P	IST-1	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	30	S	S	IST-1	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	230	S	S	IST-2	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	57,167,573	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
					4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	4,763,964	57,167,573																									
IS	57	P	P	IST-1	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	140,086,458	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	59	P	T	IST-1	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	257	P	P	IST-2	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
					11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	11,673,872	140,086,458																									
IS	55	T	T	IST-1	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	156	T	P	IST-1	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	112,801,499	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
IS	255	T	T	IST-2	-	-	-	-	-	-	-	-	-	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.601	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.848	1.011
					9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	9,400,125	112,801,499																									
Total IS					25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	25,837,961	310,055,531																									
LS	17	S	S	LS-1										2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888													
LS	116	S	S	LS-1										2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888													
LS	16	S	S	LS-1										2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888	2.888													
Total LS																																					
SS-1	20	T	P	SS-1	-	-	-	-	-	-	-	-	-	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332
SS-1	21	P	P	SS-1	-	-	-	-	-	-	-	-	-	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332
SS-1	22	T	T	SS-1	-	-	-	-	-	-	-	-	-	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332
SS-1	22	T	T	SS-1																																	
	Total SS-1				-	-	-	-	-	-	-	-	-																									
SS-2	23	P	P	SS-2	-	-	-	-	-	-	-	-	-	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315
SS-2	24	T	T	SS-2	-	-	-	-	-	-	-	-	-	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315
SS-2	123	T	P	SS-2	-	-	-	-	-	-	-	-	-	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315
Total SS-2					-	-	-	-	-	-	-	-	-																									
SS-3	25	P	P	SS-3	-	-	-	-	-	-	-	-	-	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321
Total SS-3					-	-	-	-	-	-	-	-	-																									
n/a																																					
Other					-	-	-	-	-	-	-	-	-																									
Retail Total					217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	217,800,221	2,613,602,653																									

DEF Retail Forecast by Rate Co

Forecasted ¢/kWh by Month - Super Off Peak

Forecasted Energy $ by Month

Historical Base kW by Month

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
RS-1	1	S	S	RS-1																																
RS-1	91	S	S	RSL-1																																
RS-1	201	S	S	RSS-1																																
RS-1	291	S	S	RSSL-1																																
				<=1,000 kW												83,058,281	64,010,203	63,859,611	67,706,913	86,871,192	88,763,054	90,433,769	88,813,963	74,255,674	64,887,982	53,487,517	88,808,068	914,956,226										
				>1,000 kW												27,060,778	19,718,258	15,638,515	17,996,320	32,804,665	51,149,788	63,500,684	58,775,483	49,905,215	32,545,539	18,459,940	21,816,545	409,371,730										
																110,119,060	83,728,461	79,498,126	85,703,233	119,675,857	139,912,842	153,934,452	147,589,446	124,160,889	97,433,521	71,947,456	110,624,613	1,324,327,956										
RS-1	51	S	S	RST-1	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	16,740,380	16,739,524	16,739,579	16,739,844	16,742,410	16,739,548	16,741,270	16,741,229	16,740,599	16,739,680	16,739,208	16,739,854	200,883,126										
RS-1	101	S	S	RST-1	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	-	-	-	-	-	-	-	-	-	-	-	-	-										
																16,740,380	16,739,524	16,739,579	16,739,844	16,742,410	16,739,548	16,741,270	16,741,229	16,740,599	16,739,680	16,739,208	16,739,854	200,883,126										
Total RS																126,859,440	100,467,985	96,237,705	102,443,077	136,418,267	156,652,391	170,675,722	164,330,675	140,901,488	114,173,201	88,686,664	127,364,467	1,525,211,082										
GS-1	161	S	S	GSLM-2												-	-	-	-	-	-	-	-	-	-	-	-	-										
GS-1	90	S	S	GS-1												1,752	1,996	2,157	2,212	2,495	2,492	2,546	2,642	2,763	3,163	-	-	24,218										
GS-1	66	S	S	GS-1												2,495	2,383	2,173	2,383	2,473	2,476	2,525	2,625	2,350	2,284	6,847	7,119	38,134										
GS-1	60	S	S	GS-1												3,480,999	3,336,527	3,550,775	4,602,325	5,543,209	7,758,280	7,974,643	8,672,267	8,997,999	7,786,161	5,431,391	4,048,874	71,183,450										
GS-1	61	S	S	GSLM-1												2,655	2,238	1,694	1,871	2,292	3,310	3,471	4,159	3,812	3,212	-	-	28,713										
GS-1	62	P	P	GS-1												33,744	32,703	33,621	58,987	47,387	112,438	72,081	74,441	115,971	80,825	124,044	35,836	822,078										
GS-1	50	S	S	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	782,975	708,422	819,844	857,120	976,101	1,080,914	967,244	978,865	1,002,542	999,852	957,146	865,860	10,996,884										
GS-1	100	S	S	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	71,963	68,049	67,102	73,233	77,735	86,381	84,735	87,494	88,200	86,245	-	-	791,137										
GS-1	102	S	S	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	936	682	462	508	636	776	759	695	657	639	-	-	6,750										
GS-1	105	S	P	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	316	339	345	343	337	385	345	352	408	342	-	-	3,511										
GS-1	130	S	S	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	-	-	-	-	-	-	-	-	-	-	-	-	-										
GS-1	52	P	P	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4,585	6,517	4,056	4,186	3,151	4,115	3,369	4,396	3,920	1,945	2,631	2,088	44,958										
GS-1	104	T	T	GST-1	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	4.724	20,738	(2,875)	31,802	14,257	13,484	15,468	(2,875)	17,830	14,825	13,838	20,263	13,095	169,849										
Total GS-1																4,403,158	4,156,980	4,514,031	5,617,424	6,669,299	9,067,034	9,108,842	9,845,768	10,233,446	8,978,506	6,542,321	4,972,872	84,109,682										
GS-2	67	S	S	GS-2												5,085	4,825	4,278	4,599	4,739	4,784	4,890	5,108	4,459	4,621	2,273	2,386	52,045										
GS-2	76	S	S	GS-2												1,226	1,163	1,032	1,108	1,139	1,137	1,161	1,213	1,077	1,098	-	-	11,353										
GS-2	27	S	S	GS-2												24,766	21,348	21,176	21,370	20,972	21,830	22,607	21,338	22,091	22,243	-	-	219,741										
GS-2	28	S	S	GS-2												469,995	426,442	419,358	437,731	440,682	461,212	478,657	467,149	459,348	457,201	477,060	480,936	5,475,770										
Total GS-2																501,071	453,777	445,843	464,807	467,533	488,963	507,315	494,807	486,975	485,163	479,333	483,322	5,758,909										
GSD	8	S	P	GSD-1												-	109	182	78	175	258	262	258	255	243	-	-	1,819	-	18	41	20	23	22	24	22	23	21
GSD	70	S	S	GSD-1												7,154,589	6,702,552	7,107,737	7,481,330	8,463,283	9,335,832	9,621,452	9,848,329	9,817,527	9,175,226	8,150,405	7,201,068	100,059,329	787,011	795,341	880,735	852,403	893,806	912,053	915,379	903,661	939,571	898,208
GSD	71	S	S	GSLM-1												8,391	7,347	7,050	7,171	7,390	8,053	9,039	8,382	8,321	8,068	-	-	79,211	916	829	891	836	859	861	855	810	836	834
GSD	171	S	S	GSLM-2												22,146	18,278	17,368	21,607	21,202	22,259	23,109	21,099	21,116	22,279	-	-	210,461	1,638	1,622	1,651	1,747	1,940	1,835	1,764	1,646	1,907	1,845
GSD	829	S	S	GSD-1												1,119	971	880	-	-	-	-	-	-	-	-	-	2,970	173	167	174	-	-	-	-	-	-	-
																													789,738	797,977	883,492	855,006	896,628	914,771	918,022	906,139	942,337	900,908
GSD	72	P	P	GSD-1												161,722	160,810	147,737	174,759	179,651	194,496	176,865	181,621	207,086	188,957	173,945	147,928	2,095,577	17,501	18,632	17,640	20,481	18,637	19,499	17,946	17,225	20,033	20,255
GSD	73	P	P	GSLM-1												-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																													17,501	18,632	17,640	20,481	18,637	19,499	17,946	17,225	20,033	20,255
GSD	75	T	T	GSLM-1												-	-	-	-	-	-	-	-	-	-	477	524	1,001	-	-	-	-	-	-	-	-	-	-
GSD	53	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	15,081,267	14,046,966	14,478,127	15,271,376	16,762,804	17,807,488	18,881,686	19,091,025	19,013,191	18,320,964	18,084,917	16,563,631	203,403,443	1,163,311	1,165,027	1,302,536	1,282,351	1,344,775	1,350,294	1,386,835	1,348,730	1,433,051	1,391,660
GSD	69	S	S	GSLM-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	192,585	163,587	185,139	212,273	247,350	271,639	306,328	324,215	288,094	264,176	-	-	2,455,385	19,917	17,023	20,537	21,760	21,825	22,832	24,324	24,112	24,021	21,587
GSD	107	S	P	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	49,595	88,904	5,106	46,664	101,464	466	65,886	63,547	62,104	56,782	-	-	540,517	2,926	5,953	131	3,060	6,322	91	3,516	3,408	3,532	3,436
GSD	109	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	972,498	877,343	948,027	941,705	1,006,524	1,089,507	1,130,511	1,095,400	1,116,669	1,062,971	-	-	10,241,156	60,091	4,186	70,734	68,006	70,798	72,273	73,251	69,422	74,817	71,223
GSD	620	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	7,800	8,157	7,103	8,112	8,451	9,486	10,738	10,710	10,246	9,705	-	-	90,509	704	756	684	692	788	836	868	888	932	848
GSD	621	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	36,174	-	65,292	37,634	41,320	47,527	-	50,709	46,643	47,166	-	-	372,465	2,565	-	5,640	2,803	3,035	3,034	-	2,997	2,925	2,947
GSD	623	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	8,376	7,869	8,128	-	-	24,374	-	-	-	-	-	-	-	748	732	738
GSD	624	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	3,567	3,573	3,647	3,722	4,325	5,081	5,424	6,981	5,367	5,208	-	-	46,895	350	359	375	373	409	432	470	543	545	486
GSD	834	S	S	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	207,431	188,184	186,749	197,090	211,875	228,096	250,959	240,295	228,007	212,479	-	-	2,151,165	12,965	13,084	13,857	14,174	14,462	14,231	15,067	13,764	14,239	13,859
GSD	851	S	S	GSLM-2	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	48,300	46,296	45,633	51,459	53,867	56,016	71,144	72,240	64,818	66,533	-	-	576,307	3,708	3,330	3,396	3,480	3,480	3,840	3,924	3,642	4,032	4,092
																													1,266,537	1,209,718	1,417,890	1,396,699	1,465,894	1,467,863	1,508,255	1,468,254	1,558,826	1,510,876
GSD	45	P	P	GSLM-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	3,743	-	6,881	3,912	4,963	5,770	5,503	-	5,818	5,399	-	-	41,990	267	-	729	420	456	456	477	-	471	441
GSD	54	P	P	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	2,712,970	2,436,696	2,386,957	2,711,070	3,072,491	3,109,865	3,425,253	3,989,304	3,486,650	3,334,059	3,429,629	3,146,690	37,241,636	218,859	232,404	241,860	247,528	273,364	257,833	267,230	274,175	277,955	272,212
GSD	145	P	P	GSLM-2	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	163,400	134,759	155,432	146,699	148,471	179,998	163,090	204,737	189,751	183,288	-	-	1,669,624	9,556	8,548	10,760	10,306	9,821	11,492	10,205	12,423	12,204	11,655
GSD	625	P	P	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	-	13,247	14,743	-	-	27,990	-	-	-	-	-	-	-	-	1,200	1,032
GSD	835	P	P	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	215,092	190,202	186,851	182,305	190,081	204,958	199,715	229,078	193,515	194,618	-	-	1,986,414	10,382	10,557	10,674	10,288	10,743	10,401	10,957	11,116	10,939	10,861
																													239,064	251,509	264,023	268,542	294,384	280,182	288,869	297,714	302,769	296,201
GSD	83	T	T	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	891,104	712,896	695,087	842,410	931,393	875,463	1,061,347	1,220,101	1,071,250	1,047,161	994,266	791,871	11,134,349	50,537	52,236	54,882	56,763	54,464	57,271	60,717	63,820	67,024	65,184
GSD	84	T	P	GSDT-1	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DEF Retail Forecast by Rate Co — Forecasted ¢/kWh by Month - Super Off Peak — Forecasted Energy $ by Month — Historical Base kW by Month

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan 23 Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Jan 23 Dec-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
																												50,537	52,236	54,882	56,763	54,464	57,271	60,717	63,820	57,024	65,184
Total GSD																27,933,493	25,787,631	26,636,984	28,341,376	31,457,079	33,452,257	35,408,312	36,666,407	35,857,544	34,228,153	30,833,640	27,851,712	374,454,588	2,363,377	2,330,072	2,637,927	2,597,491	2,730,007	2,739,586	2,793,809	2,753,152	2,890,989	2,793,424
CS	18	S	S	CS-1												-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	280	P	P	CS-2												-	-	-	-	-	-	-	-	-	-	-	37	37	-	-	-	-	-	-	-	-	-	-
CS	85	P	P	CST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	87,345	128,011	20,754	73,824	87,385	70,472	83,824	83,156	75,859	75,909	77,636	71,126	935,301	21,346	34,162	3,380	21,566	19,405	19,936	19,390	18,282	19,106	22,334
CS	285	P	P	CST-2	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
																												21,346	34,162	3,380	21,566	19,405	19,936	19,390	18,282	19,106	22,334
Total CS																87,345	128,011	20,754	73,824	87,385	70,472	83,824	83,156	75,859	75,909	77,636	71,163	935,338	21,346	34,162	3,380	21,566	19,405	19,936	19,390	18,282	19,106	22,334
IS	44	S	P	IS-1												1,050	1,384	1,278	1,057	1,548	1,209	1,213	1,349	1,572	1,506	-	-	13,166	441	471	408	327	372	387	297	366	408	369
IS	47	S	S	IS-1												12,082	12,057	12,725	12,178	16,908	16,734	15,455	17,970	18,542	17,853	14,954	12,498	179,957	3,791	3,917	3,596	3,739	3,970	4,241	4,027	4,203	4,322	4,110
IS	247	S	S	IS-1												5,354	8,596	6,914	10,762	11,781	9,520	9,643	11,238	11,109	10,659	10,421	8,587	114,584	2,104	3,964	2,063	2,974	2,769	2,689	2,735	2,828	3,018	2,864
																18,487	22,037	20,917	23,997	30,238	27,463	26,311	30,557	31,222	30,018	25,376	21,086	307,708	6,336	8,352	6,067	7,040	7,111	7,317	7,059	7,397	7,748	7,343
IS	46	P	P	IS-1												127,034	126,304	148,878	127,785	156,049	152,601	132,208	150,501	125,177	137,330	138,925	115,036	1,637,828	36,878	35,206	49,712	36,987	36,396	45,730	35,086	40,428	41,201	44,507
IS	246	P	P	IS-2												58,339	36,786	91,237	56,124	70,857	56,648	40,465	73,004	58,205	66,636	67,602	67,462	743,365	10,110	4,932	13,968	11,910	5,214	10,278	6,102	10,050	10,506	10,416
																185,373	163,090	240,114	183,909	226,906	209,249	172,673	223,505	183,382	203,966	206,528	182,498	2,381,193	46,988	40,138	63,680	48,897	41,610	56,008	41,188	50,478	51,707	54,923
IS	155	T	P	IS-1												-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IS	26	S	P	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	4,880	4,463	4,581	4,268	5,522	4,782	4,802	5,553	5,726	4,504	-	-	49,079	474	486	462	477	510	516	534	576	579	549
IS	30	S	S	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	12,667	13,437	15,007	13,509	13,652	12,286	12,362	18,905	13,580	14,500	14,511	14,415	168,832	1,679	1,946	2,348	1,964	1,553	1,872	1,755	1,774	1,866	1,887
IS	230	S	S	IST-2	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	351,831	306,788	396,313	358,361	482,446	442,905	480,184	497,320	475,928	467,060	430,253	373,041	5,062,431	43,525	64,583	49,640	47,889	54,045	53,774	54,871	52,952	56,372	54,649
																369,378	324,688	415,901	376,137	501,620	459,972	497,348	521,778	495,234	486,064	444,764	387,456	5,280,341	45,678	67,015	52,450	50,330	56,108	56,162	57,160	55,302	58,817	57,085
IS	57	P	P	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	399,138	451,256	489,514	437,857	334,835	272,228	316,260	337,757	310,019	320,455	608,966	619,734	4,898,019	85,170	110,473	97,285	106,263	69,454	63,856	65,711	62,604	66,043	68,108
IS	59	P	T	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	128	108	117	117	130	113	132	129	121	120	-	-	1,215	22	11	11	11	11	22	22	22	11	22
IS	257	P	P	IST-2	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	632,063	563,190	688,815	628,704	695,271	656,114	688,834	753,788	677,542	674,329	677,134	657,789	7,993,574	69,667	66,078	74,713	70,658	72,615	74,976	74,943	74,494	77,497	74,844
																1,031,329	1,014,554	1,178,446	1,066,678	1,030,237	928,455	1,005,226	1,091,674	987,681	994,905	1,286,101	1,277,523	12,892,809	154,859	176,562	172,009	176,932	142,080	138,854	140,676	137,120	143,551	142,974
IS	55	T	T	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	33,061	26,082	20,642	15,140	20,020	15,061	26,409	29,881	28,679	34,764	28,573	18,820	297,134	13,199	11,757	11,490	10,360	10,300	10,567	12,182	12,373	11,949	11,936
IS	156	T	P	IST-1	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	469,690	477,968	428,891	451,087	519,289	455,099	483,409	520,380	429,962	440,104	13,735	13,735	4,703,351	71,498	72,193	71,101	67,800	68,709	66,582	68,643	75,451	71,934	67,020
IS	255	T	T	IST-2	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	959,352	914,818	1,001,344	1,081,806	725,357	1,531,150	1,205,209	1,052,537	1,227,345	1,057,366	1,198,718	1,301,218	13,256,219	143,866	142,968	144,514	154,892	98,323	252,566	174,483	151,553	186,531	163,012
																1,462,102	1,418,868	1,450,877	1,548,034	1,264,666	2,001,310	1,715,028	1,602,798	1,685,986	1,532,234	1,241,027	1,333,774	18,256,703	228,563	226,918	227,105	233,052	177,332	329,715	255,308	239,377	270,414	241,968
Total IS																3,066,669	2,943,237	3,306,255	3,198,754	3,053,666	3,626,450	3,416,585	3,470,312	3,383,506	3,247,187	3,203,795	3,202,336	39,118,754	482,424	518,985	521,311	516,251	424,241	588,056	501,391	489,674	532,237	504,293
LS	17	S	S	LS-1												772,600	741,917	698,339	723,450	753,606	752,138	758,796	758,977	700,641	706,425	682,881	737,868	8,787,638										
LS	116	S	S	LS-1												9,628	9,300	8,519	8,994	9,288	9,334	9,431	9,598	8,207	8,785	8,476	9,137	108,697										
LS	16	S	S	LS-1												66,184	58,296	57,625	53,884	46,954	48,865	51,742	47,743	50,932	52,807	56,015	61,661	652,709										
Total LS																848,412	809,514	764,482	786,328	809,848	810,337	819,969	816,318	759,780	768,017	747,372	808,666	9,549,044										
SS-1	20	T	P	SS-1	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1,594	1,415	1,370	1,283	1,294	1,407	1,501	1,853	1,524	-	-	-	13,242	207	217	198	198	217	245	255	425	189	-
SS-1	21	P	P	SS-1	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	91,038	97,580	62,412	65,557	58,760	34,868	26,955	62,566	86,981	78,417	97,094	96,207	858,435	14,068	14,798	12,801	11,766	12,942	11,652	12,024	15,066	13,679	11,766
SS-1	22	T	T	SS-1	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	1.332	3,753	2,671	16,756	14,529	1,896	2,628	2,015	1,873	1,764	2,337	4,417	8,497	63,137	2,585	4,242	5,508	8,456	4,664	3,962	4,609	3,886	2,192	7,081
SS-1	22	T	T	SS-1																																		
Total SS-1																96,385	101,666	80,538	81,370	61,950	38,903	30,471	66,292	90,269	80,755	101,511	104,704	934,814	16,860	19,257	18,507	20,420	17,823	15,859	16,888	19,377	16,060	18,847
SS-2	23	P	P	SS-2	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	11,889	-	17,829	24,742	-	21,572	-	12,142	19,151	2,321	31,026	50,677	191,349	9,500	-	19,000	9,500	-	18,308	-	8,739	9,500	5,616
SS-2	24	T	T	SS-2	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	-	6,457	6,877	4,524	6,977	-	4,197	1,484	-	499	-	-	31,014	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
SS-2	123	T	P	SS-2	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	1.315	41,117	34,807	115,025	115,796	71,346	83,415	63,517	44,215	73,170	27,539	-	-	669,947	18,770	14,810	18,770	18,770	15,452	18,770	18,770	18,770	18,770	18,770
Total SS-2																53,006	41,264	139,731	145,062	78,323	104,986	67,715	57,841	92,320	30,359	31,026	50,677	892,311	33,270	19,810	42,770	33,270	20,452	42,078	23,770	32,509	33,270	29,386
SS-3	25	P	P	SS-3	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	1.321	97,167	142,317	11,620	107,162	49,123	68,519	69,878	74,971	87,656	133,565	114,431	124,548	1,080,956	20,053	38,798	-	21,164	17,517	19,990	16,753	20,887	23,544	22,857
Total SS-3																97,167	142,317	11,620	107,162	49,123	68,519	69,878	74,971	87,656	133,565	114,431	124,548	1,080,956	20,053	38,798	-	21,164	17,517	19,990	16,753	20,887	23,544	22,857
n/a																													-	-	-	-	-	-	-	-	-	-
Other																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail Total																163,946,146	135,032,383	132,157,943	141,259,184	179,152,471	204,380,312	220,188,635	215,906,547	191,968,843	162,200,815	130,817,730	165,034,468	2,042,045,477	2,937,330	2,961,084	3,223,895	3,210,162	3,229,445	3,425,505	3,372,001	3,333,881	3,515,206	3,391,141

DEF Retail Forecast by Rate Co					Historical On-Peak kW by Month												Historical TOU Mid Peak kW by Month												Adjustments to Forecasted Base kW by Month												
Rate Class	Rate Code	Del	Met	Rate Sch.	Nov	Dec	Total		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
RS-1	1	S	S	RS-1																																						
RS-1	91	S	S	RSL-1																																						
RS-1	201	S	S	RSS-1																																						
RS-1	291	S	S	RSSL-1																																						
				<=1,000 kW																																						
				>1,000 kW																																						
RS-1	51	S	S	RST-1																																						
RS-1	101	S	S	RST-1																																						
Total RS																																									
GS-1	161	S	S	GSLM-2																																						
GS-1	90	S	S	GS-1																																						
GS-1	66	S	S	GS-1																																						
GS-1	60	S	S	GS-1																																						
GS-1	61	S	S	GSLM-1																																						
GS-1	62	P	P	GS-1																																						
GS-1	50	S	S	GST-1																																						
GS-1	100	S	S	GST-1																																						
GS-1	102	S	S	GST-1																																						
GS-1	105	S	P	GST-1																																						
GS-1	130	S	S	GST-1																																						
GS-1	52	P	P	GST-1																																						
GS-1	104	T	T	GST-1																																						
Total GS-1																																									
GS-2	67	S	S	GS-2																																						
GS-2	76	S	S	GS-2																																						
GS-2	27	S	S	GS-2																																						
GS-2	28	S	S	GS-2																																						
Total GS-2																																									
GSD	8	S	P	GSD-1	-	-	214																																			
GSD	70	S	S	GSD-1	1,743,177	1,604,235	12,125,580																															34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	408,137
GSD	71	S	S	GSLM-1	-	-	8,527																																			
GSD	171	S	S	GSLM-2	-	-	17,595																																			
GSD	829	S	S	GSD-1	-	-	514																																			
					1,743,177	1,604,235	12,152,430																															34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	34,011	408,137
GSD	72	P	P	GSD-1	38,617	31,706	258,172																															1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	14,267
GSD	73	P	P	GSLM-1	-	-	-																																			
					38,617	31,706	258,172																															1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	1,189	14,267
GSD	75	T	T	GSLM-1	-	2	2																																			
GSD	53	S	S	GSDT-1	1,443,754	1,336,773	15,949,096		1,076,458	1,094,789	1,235,725	1,226,943	1,305,846	1,302,784	1,343,971	1,311,419	1,392,562	1,350,871	548	251	12,642,168		-	-	-	-	-	-	-	-	-	-	-	-	-		554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	6,653,309
GSD	69	S	S	GSLM-1	-	-	217,938		16,562	15,411	19,231	20,678	21,038	21,756	23,349	23,280	23,172	20,019	-	-	204,496		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	107	S	P	GSDT-1	-	-	32,375		2,835	5,489	131	2,940	6,257	88	3,499	3,398	3,473	3,326	-	-	31,436		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	109	S	S	GSDT-1	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	169	S	S	GSLM-2	-	-	634,801		57,923	3,857	68,535	65,683	70,159	71,166	72,491	68,256	74,093	70,379	-	-	622,542		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	620	S	S	GSDT-1	-	-	7,996		648	692	632	664	780	812	820	872	900	828	-	-	7,648		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	621	S	S	GSDT-1	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	622	S	S	GSLM-2	-	-	25,946		2,421	-	5,546	2,758	3,035	3,034	-	2,997	2,925	2,947	-	-	25,663		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	623	S	S	GSDT-1	-	-	2,218		-	-	-	-	-	-	-	748	712	738	-	-	2,198		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	624	S	S	GSDT-1	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	627	S	S	GSDT-1	-	-	4,342		338	324	343	335	409	426	470	543	545	486	-	-	4,219		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	834	S	S	GSDT-1	-	-	139,702		12,197	12,612	13,020	13,338	13,346	13,687	14,497	12,548	13,987	13,484	-	-	132,716		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	851	S	S	GSLM-2	-	-	36,924		3,384	3,072	2,958	3,312	3,468	3,726	3,696	3,642	3,882	3,942	-	-	35,082		-	-	-	-	-	-	-	-	-	-	-	-	-															-
					1,443,754	1,336,773	17,051,338		1,172,766	1,136,246	1,346,121	1,336,651	1,424,338	1,417,479	1,462,793	1,427,703	1,516,251	1,467,020	548	251	13,708,168		-	-	-	-	-	-	-	-	-	-	-	-	-		554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	554,442	6,653,309
GSD	45	P	P	GSLM-1	-	-	3,717		267	-	729	420	456	456	477	-	471	441	-	-	3,717		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	54	P	P	GSDT-1	289,068	265,690	3,118,178		201,841	214,839	228,065	235,857	256,715	246,506	257,993	265,329	268,800	265,247	-	119	2,441,311		-	-	-	-	-	-	-	-	-	-	-	-	-		113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	1,367,213
GSD	145	P	P	GSLM-2	-	-	106,970		9,339	8,140	10,491	10,131	9,290	10,929	9,846	12,017	11,917	11,571	-	-	103,671		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	625	P	P	GSDT-1	-	-	2,232		-	-	-	-	-	-	-	-	1,128	984	-	-	2,112		-	-	-	-	-	-	-	-	-	-	-	-	-															-
GSD	835	P	P	GSDT-1	-	-	106,918		10,186	10,486	10,496	10,221	10,732	10,382	10,438	10,935	10,939	10,861	-	-	105,676		-	-	-	-	-	-	-	-	-	-	-	-	-															-
					289,068	265,690	3,338,015		221,633	233,465	249,781	256,629	277,193	268,273	278,754	288,281	293,255	289,104	-	119	2,656,487		-	-	-	-	-	-	-	-	-	-	-	-	-		113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	113,934	1,367,213
GSD	83	T	T	GSDT-1	62,230	54,598	699,727		48,250	48,929	50,950	53,085	54,464	57,271	60,717	63,820	67,024	65,184	-	-	569,694		-	-	-	-	-	-	-	-	-	-	-	-	-		(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(507,349)
GSD	84	T	P	GSDT-1	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-															-

DEF Retail Forecast by Rate Co

20220143.EI Staff Hearing Exhibits 00064

Rate Class	Rate Code	Del	Met	Rate Sch.	Historical On-Peak kW by Month													Historical TOU Mid Peak kW by Month												Adjustments to Forecasted Base kW by Month												
					Nov	Dec	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
					62,230	54,598	699,727	48,250	48,929	50,950	53,085	54,464	57,271	60,717	63,820	67,024	65,184	-	-	569,694	-	-	-	-	-	-	-	-	-	-	-	-	-	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(42,279)	(507,349)
	Total GSD				3,576,846	3,293,004	33,499,683	1,442,649	1,418,640	1,646,852	1,646,365	1,755,995	1,743,023	1,802,264	1,779,804	1,876,530	1,821,308	548	370	16,934,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(0)	661,298	661,298	661,298	661,298	661,298	661,298	661,298	661,298	661,298	661,298	661,298	661,298	7,935,577
CS	18	S	S	CS-1	-	-	-																																				-
CS	280	P	P	CS-2	-	2,500	2,500																																				-
CS	85	P	P	CST-1	8,409	8,013	215,329	19,067	25,368	2,477	13,785	16,712	12,269	12,868	12,912	8,542	10,268	-	-	134,268	-	-	-	-	-	-	-	-	-	-	-	-	-	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	66,370
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
					8,409	8,013	215,329	19,067	25,368	2,477	13,785	16,712	12,269	12,868	12,912	8,542	10,268	-	-	134,268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	66,370
	Total CS				8,409	10,513	217,829	19,067	25,368	2,477	13,785	16,712	12,269	12,868	12,912	8,542	10,268	-	-	134,268	-	-	-	-	-	-	-	-	-	-	-	-	-	(0)	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	5,531	66,370
IS	44	S	P	IS-1	-	-	3,846																											145	145	145	145	145	145	145	145	145	145	145	145	1,735
IS	47	S	S	IS-1	9,160	6,456	55,531																											1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	1,693	20,319
IS	247	S	S	IS-1	5,453	5,160	38,621																																				-
					14,612	11,616	97,998																											1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	1,838	22,054
IS	46	P	P	IS-1	79,145	71,009	552,285																											2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	33,775
IS	246	P	P	IS-2	20,563	24,646	138,695																																				-
					99,708	95,654	690,979																											2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	33,775
IS	155	T	P	IS-1	-	-	-																																				-
IS	26	S	P	IST-1	-	-	5,163	462	480	462	462	489	504	522	576	579	522	-	-	5,058	-	-	-	-	-	-	-	-	-	-	-	-													-
IS	30	S	S	IST-1	1,920	1,919	22,483	1,433	1,659	1,987	1,685	1,509	1,563	1,299	1,646	1,513	1,320	-	-	15,614	-	-	-	-	-	-	-	-	-	-	-	-													-
IS	230	S	S	IST-2	51,305	48,726	632,331	39,408	62,425	46,892	45,673	52,501	52,408	53,909	52,449	55,639	53,967	-	-	515,271	-	-	-	-	-	-	-	-	-	-	-	-		22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	273,017
					53,225	50,645	659,978	41,303	64,564	49,341	47,820	54,499	54,475	55,730	54,671	57,731	55,809	-	-	535,943	-	-	-	-	-	-	-	-	-	-	-	-	-		22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	22,751	273,017
IS	57	P	P	IST-1	137,174	130,956	1,063,097	80,054	101,126	93,447	104,210	66,702	61,046	62,421	59,573	64,821	67,334	-	-	760,734	-	-	-	-	-	-	-	-	-	-	-	-		67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	806,193
IS	59	P	T	IST-1	-	-	165	11	11	11	11	11	11	22	22	11	22	-	-	143	-	-	-	-	-	-	-	-	-	-	-	-													-
IS	257	P	P	IST-2	82,759	79,404	892,648	64,093	61,839	69,982	69,234	71,777	74,120	73,280	71,554	73,231	71,272	-	-	700,382	-	-	-	-	-	-	-	-	-	-	-	-													-
					219,933	210,360	1,955,910	144,158	162,976	163,440	173,455	138,490	135,177	135,723	131,149	138,063	138,628	-	-	1,461,259	-	-	-	-	-	-	-	-	-	-	-	-	-		67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	67,183	806,193
IS	55	T	T	IST-1	11,237	10,328	137,678	13,134	11,132	10,764	10,108	9,945	10,292	11,808	12,357	11,949	11,898	-	-	113,387	-	-	-	-	-	-	-	-	-	-	-	-													-
IS	156	T	P	IST-1	-	-	700,931	68,232	69,370	64,152	65,243	63,835	62,950	65,390	72,621	62,642	64,634	-	-	659,069	-	-	-	-	-	-	-	-	-	-	-	-		10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	128,267
IS	255	T	T	IST-2	200,380	210,714	2,023,803	141,071	142,320	129,561	153,344	97,833	240,512	156,018	149,580	173,793	155,629	-	-	1,539,661	-	-	-	-	-	-	-	-	-	-	-	-													-
					211,618	221,042	2,862,412	222,437	222,822	204,477	228,695	171,613	313,754	233,216	234,558	248,384	232,161	-	-	2,312,117	-	-	-	-	-	-	-	-	-	-	-	-	-		10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	10,689	128,267
	Total IS				599,096	589,317	6,267,276	407,898	450,362	417,258	449,970	364,602	503,406	424,669	420,378	444,178	426,598	-	-	4,309,319	-	-	-	-	-	-	-	-	-	-	-	-	-	(0)	105,276	105,276	105,276	105,276	105,276	105,276	105,276	105,276	105,276	105,276	105,276	105,276	1,263,306
LS	17	S	S	LS-1																																								
LS	116	S	S	LS-1																																								
LS	16	S	S	LS-1																																								
	Total LS																																	-	-	-	-	-	-	-	-	-	-	-	-	-
SS-1	20	T	P	SS-1	-	-	2,151	3,591	4,158	3,657	3,175	2,853	3,080	3,439	4,318	3,742	-	-	-	32,013	-	-	-	-	-	-	-	-	-	-	-	-													-
SS-1	21	P	P	SS-1	15,758	15,187	161,507	191,191	222,921	146,289	165,148	147,104	100,257	73,604	147,221	235,513	201,438	-	-	1,630,686	-	-	-	-	-	-	-	-	-	-	-	-													-
SS-1	22	T	T	SS-1	8,467	11,763	67,415	41,485	39,378	74,522	46,768	10,395	8,718	108	1,694	-	1,417	-	-	224,485	-	-	-	-	-	-	-	-	-	-	-	-													-
SS-1	22	T	T	SS-1																																							
	Total SS-1				24,226	26,950	231,073	236,267	266,457	224,468	215,091	160,352	112,055	77,151	153,233	239,255	202,855	-	-	1,887,184	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
SS-2	23	P	P	SS-2	26,386	28,270	134,819	39,393	-	82,817	86,419	-	73,982	-	30,534	59,878	4,043	-	-	377,066	-	-	-	-	-	-	-	-	-	-	-	-													-
SS-2	24	T	T	SS-2	-	-	50,000	-	2,722	2,293	2,608	2,155	-	2,192	2,117	-	2,142	-	-	16,229	-	-	-	-	-	-	-	-	-	-	-	-													-
SS-2	123	T	P	SS-2	-	-	180,422	148,289	126,160	292,111	322,881	187,079	243,871	171,111	134,638	248,965	97,507	-	-	1,972,612	-	-	-	-	-	-	-	-	-	-	-	-													-
	Total SS-2				26,386	28,270	365,241	187,682	128,882	377,221	411,908	189,234	317,853	173,303	167,289	308,843	103,692	-	-	2,365,907	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
SS-3	25	P	P	SS-3	21,419	23,743	246,724	285,902	471,531	17,626	351,086	162,165	189,005	166,779	195,994	225,449	368,584	-	-	2,434,121	-	-	-	-	-	-	-	-	-	-	-	-													-
	Total SS-3				21,419	23,743	246,724	285,902	471,531	17,626	351,086	162,165	189,005	166,779	195,994	225,449	368,584	-	-	2,434,121	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
n/a					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	Other				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	Retail Total				4,256,381	3,971,796	40,827,827	2,579,465	2,761,240	2,685,902	3,088,205	2,649,060	2,877,611	2,657,034	2,729,610	3,102,797	2,933,305	548	370	28,065,147	-	-	-	-	-	-	-	-	-	-	-	-	-	(0)	772,104	772,104	772,104	772,104	772,104	772,104	772,104	772,104	772,104	772,104	772,104	772,104	9,265,253

DEF Retail Forecast by Rate Co

Rate Class	Rate Code	Del	Met	Rate Sch.	Forecasted Base kW by Month Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	
RS-1	1	S	S	RS-1														
RS-1	91	S	S	RSL-1														
RS-1	201	S	S	RSS-1														
RS-1	291	S	S	RSSL-1														
				<=1,000 kW														
				>1,000 kW														
RS-1	51	S	S	RST-1														
RS-1	101	S	S	RST-1														
Total RS																		
GS-1	161	S	S	GSLM-2														
GS-1	90	S	S	GS-1														
GS-1	66	S	S	GS-1														
GS-1	60	S	S	GS-1														
GS-1	61	S	S	GSLM-1														
GS-1	62	P	P	GS-1														
GS-1	50	S	S	GST-1														
GS-1	100	S	S	GST-1														
GS-1	102	S	S	GST-1														
GS-1	105	S	P	GST-1														
GS-1	130	S	S	GST-1														
GS-1	52	P	P	GST-1														
GS-1	104	T	T	GST-1														
Total GS-1																		
GS-2	67	S	S	GS-2														
GS-2	76	S	S	GS-2														
GS-2	27	S	S	GS-2														
GS-2	28	S	S	GS-2														
Total GS-2																		
GSD	8	S	P	GSD-1	-	13	21	9	20	30	31	30	30	28	-	-	212	0
GSD	70	S	S	GSD-1	892,486	838,247	886,865	931,692	1,049,516	1,154,212	1,188,484	1,215,707	1,212,011	1,134,941	1,011,974	898,063	12,414,197	0
GSD	71	S	S	GSLM-1	894	783	751	764	788	858	963	893	887	860	-	-	8,443	(0)
GSD	171	S	S	GSLM-2	1,833	1,513	1,438	1,789	1,755	1,843	1,913	1,747	1,748	1,844	-	-	17,422	-
GSD	829	S	S	GSD-1	192	166	151	-	-	-	-	-	-	-	-	-	509	(0)
					895,406	840,722	889,226	934,254	1,052,079	1,156,943	1,191,391	1,218,377	1,214,675	1,137,674	1,011,974	898,063	12,440,783	0
GSD	72	P	P	GSD-1	20,916	20,805	19,210	22,507	23,103	24,914	22,764	23,344	26,450	24,239	22,407	19,234	269,894	(0)
GSD	73	P	P	GSLM-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					20,916	20,805	19,210	22,507	23,103	24,914	22,764	23,344	26,450	24,239	22,407	19,234	269,894	(0)
GSD	75	T	T	GSLM-1	-	-	-	-	-	-	-	-	-	-	1	1	2	0
GSD	53	S	S	GSDT-1	1,774,793	1,682,335	1,706,403	1,740,858	1,817,205	1,915,095	1,997,214	1,996,843	1,998,084	1,930,793	1,954,146	1,931,428	22,445,198	-
GSD	69	S	S	GSLM-1	18,057	15,114	16,547	18,625	21,289	23,381	26,641	28,535	24,612	22,987	-	-	215,790	-
GSD	107	S	P	GSDT-1	3,048	5,509	363	2,823	5,778	21	3,895	3,683	3,647	3,288	-	-	32,056	-
GSD	109	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	61,840	55,034	59,374	57,571	60,274	67,004	68,956	66,231	68,368	63,893	-	-	628,544	-
GSD	620	S	S	GSDT-1	707	735	630	730	723	811	943	916	878	845	-	-	7,917	0
GSD	621	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	2,651	-	4,812	2,462	2,657	3,274	-	3,431	3,227	3,177	-	-	25,690	-
GSD	623	S	S	GSDT-1	-	-	-	-	-	-	-	749	721	726	-	-	2,196	-
GSD	624	S	S	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	374	361	376	361	363	451	477	618	468	449	-	-	4,299	0
GSD	834	S	S	GSDT-1	14,249	12,482	12,445	12,792	13,187	14,530	15,986	14,904	14,622	13,127	-	-	138,325	0
GSD	851	S	S	GSLM-2	3,258	3,098	2,959	3,345	3,297	3,438	4,546	4,414	4,039	4,167	-	-	36,560	(0)
					1,878,978	1,774,670	1,803,909	1,839,568	1,924,774	2,028,005	2,118,658	2,120,324	2,118,666	2,043,450	1,954,146	1,931,428	23,536,575	-
GSD	45	P	P	GSLM-1	349	-	605	324	412	520	487	-	514	469	-	-	3,680	(0)
GSD	54	P	P	GSDT-1	355,643	326,807	322,232	340,336	360,378	367,729	391,163	434,846	393,300	378,444	396,183	387,596	4,454,656	-
GSD	145	P	P	GSLM-2	10,877	8,674	10,028	9,267	9,202	11,440	10,320	12,645	12,199	11,265	-	-	105,916	-
GSD	625	P	P	GSDT-1	-	-	-	-	-	-	-	-	1,055	1,155	-	-	2,210	0
GSD	835	P	P	GSDT-1	12,160	10,313	10,310	9,580	9,754	11,036	10,486	12,165	10,104	9,957	-	-	105,864	0
					379,029	345,794	343,174	359,506	379,746	390,725	412,456	459,656	417,172	401,290	396,183	387,596	4,672,326	-
GSD	83	T	T	GSDT-1	17,651	3,994	2,992	11,447	14,546	10,782	21,061	33,655	21,339	20,666	17,912	9,436	185,480	-
GSD	84	T	P	GSDT-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments to Forecasted Peak kW by Month

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
	27,168	27,168	27,168	27,168	27,168	27,168	27,168	27,168	27,168	27,168	27,168	27,168	326,013
	16,492	16,492	16,492	16,492	16,492	16,492	16,492	16,492	16,492	16,492	16,492	16,492	197,903
	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(553,372)

Forecasted Peak kW by Month

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	677,096	609,368	692,477	882,620	1,196,277	1,247,608	1,370,665	1,456,724	1,420,544	1,395,733	1,211,750	682,706
	13,709	12,075	14,737	17,563	21,258	23,344	25,798	26,656	25,114	22,225	-	-
	2,622	4,600	162	2,565	6,368	42	3,821	3,848	3,655	3,444	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	54,386	50,518	54,770	57,115	63,472	65,314	68,870	67,855	67,533	66,573	-	-
	609	645	579	643	735	827	893	933	889	819	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	2,145	-	3,815	2,843	3,219	3,251	-	3,598	3,162	3,377	-	-
	-	-	-	-	-	-	-	757	682	737	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	236	260	252	296	444	478	519	660	520	514	-	-
	10,744	10,688	10,484	11,789	13,867	14,224	15,650	15,836	14,012	14,114	-	-
	2,483	2,436	2,610	2,924	3,513	3,631	4,217	4,727	4,068	4,129	-	-
	764,031	690,590	779,885	978,359	1,309,153	1,358,718	1,490,432	1,581,593	1,540,179	1,511,665	1,211,750	682,706
	295	-	601	373	470	483	475	-	503	480	-	-
	66,200	55,141	49,819	147,785	257,821	240,671	304,559	409,237	330,104	318,203	280,070	155,541
	8,865	7,996	9,168	9,110	9,629	11,017	10,086	13,378	11,293	12,105	-	-
	-	-	-	-	-	-	-	-	970	1,122	-	-
	9,701	9,606	9,020	9,921	10,893	10,532	10,889	12,168	10,683	11,222	-	-
	85,061	72,743	68,608	167,189	278,813	262,703	326,009	434,784	353,552	343,132	280,070	155,541
	(10,737)	(15,204)	(16,426)	(6,676)	3,506	987	14,122	17,187	15,398	12,287	8,185	(11,921)
	-	-	-	-	-	-	-	-	-	-	-	-

Rate Class	Rate Code	Del	Met	Rate Sch.	Forecasted Base kW by Month Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Adjustments to Forecasted Peak kW by Month Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Forecasted Peak kW by Month Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
					17,651	3,994	2,992	11,447	14,546	10,782	21,061	33,655	21,339	20,666	17,912	9,436	185,480	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(46,114)	(553,372)	(10,737)	(15,204)	(16,426)	(6,676)	3,506	987	14,122	17,187	15,398	12,287	8,185	(11,921)
Total GSD					3,191,979	2,985,985	3,058,512	3,167,283	3,394,247	3,611,370	3,766,329	3,855,355	3,798,302	3,627,319	3,402,622	3,245,758	41,105,060	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(2,455)	(29,456)	838,356	748,129	832,067	1,138,872	1,591,471	1,622,408	1,830,563	2,033,564	1,909,129	1,867,084	1,500,005	826,326
CS	18	S	S	CS-1	-	-	-	-	-	-	-	-	-	-	-	-	-																								
CS	280	P	P	CS-2	-	-	-	-	-	-	-	-	-	-	-	2,506	2,506																								
CS	85	P	P	CST-1	26,135	35,440	11,177	22,671	24,866	21,669	24,943	24,239	22,810	22,692	23,155	22,407	282,203	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	20,216	13,825	24,793	(5,101)	11,457	18,252	11,365	14,209	15,935	13,136	13,596	13,825	9,506
CS	285	P	P	CST-2	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	-	-	-	-	-	-	-	-	-	-	-	-	-												-	-	-	-	-	-	-	-	-	-	-	-	-
					26,135	35,440	11,177	22,671	24,866	21,669	24,943	24,239	22,810	22,692	23,155	22,407	282,203	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	20,216	13,825	24,793	(5,101)	11,457	18,252	11,365	14,209	15,935	13,136	13,596	13,825	9,506
Total CS					26,135	35,440	11,177	22,671	24,866	21,669	24,943	24,239	22,810	22,692	23,155	24,913	284,708	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	20,216	13,825	24,793	(5,101)	11,457	18,252	11,365	14,209	15,935	13,136	13,596	13,825	9,506
IS	44	S	P	IS-1	451	548	517	453	596	497	498	538	603	584	145	145	5,575																								
IS	47	S	S	IS-1	5,415	5,408	5,614	5,445	6,902	6,848	6,455	7,229	7,405	7,193	6,300	5,544	75,758																								
IS	247	S	S	IS-1	1,802	2,892	2,326	3,621	3,964	3,203	3,245	3,781	3,738	3,587	3,507	2,890	38,557																								
					7,668	8,848	8,457	9,519	11,463	10,549	10,198	11,549	11,746	11,364	9,952	8,578	119,889																								
IS	46	P	P	IS-1	45,580	45,334	52,933	45,833	55,348	54,187	47,322	53,480	44,955	49,046	49,583	41,541	585,142																								
IS	246	P	P	IS-2	10,867	6,852	16,994	10,454	13,198	10,552	7,537	13,598	10,842	12,412	12,592	12,566	138,464	0																								
					56,447	52,186	69,928	56,287	68,546	64,739	54,859	67,078	55,796	61,458	62,175	54,107	723,606																								
IS	155	T	P	IS-1	-	-	-	-	-	-	-	-	-	-	-	-	-																								
IS	26	S	P	IST-1	551	481	502	454	562	507	490	556	596	455	-	-	5,154												-	410	429	422	424	611	481	528	637	602	506	-	-
IS	30	S	S	IST-1	1,741	1,819	2,016	1,770	1,779	1,617	1,648	2,461	1,789	1,931	1,923	1,951	22,446												-	1,063	1,180	1,346	1,295	1,328	1,164	1,133	1,844	1,284	1,333	1,351	1,267
IS	230	S	S	IST-2	70,244	63,604	74,246	67,761	80,016	76,692	81,191	82,577	80,438	78,861	76,283	72,384	904,297	217	217	217	217	217	217	217	217	217	217	217	2,605	12,098	8,379	28,131	29,304	68,753	53,367	61,268	68,197	61,524	62,094	45,284	18,620
					72,536	65,904	76,764	69,986	82,357	78,817	83,329	85,594	82,823	81,248	78,206	74,335	931,898	217	217	217	217	217	217	217	217	217	217	217	2,605	13,571	9,989	29,899	31,024	70,691	55,012	62,929	70,678	63,410	63,933	46,635	19,887
IS	57	P	P	IST-1	158,152	167,213	174,161	160,277	138,214	126,716	136,492	139,352	135,529	135,388	197,082	198,947	1,867,523	596	596	596	596	596	596	596	596	596	596	596	7,151	89,815	65,101	48,529	47,105	74,006	100,449	90,780	75,951	94,386	79,101	3,269	(1,872)
IS	59	P	T	IST-1	18	15	16	16	17	15	18	17	17	16	-	-	165	(0)											-	13	12	13	14	16	14	15	17	14	16	-	-
IS	257	P	P	IST-2	74,354	64,609	78,781	70,190	74,418	71,484	75,989	81,739	74,766	72,592	76,226	76,016	891,164	0											-	47,918	45,811	56,483	54,806	66,683	60,544	61,780	70,290	60,726	63,886	57,836	52,454
					232,525	231,837	252,959	230,483	212,649	198,215	212,499	221,108	210,311	207,996	273,308	274,963	2,758,852	596	596	596	596	596	596	596	596	596	596	596	7,151	137,745	110,924	105,026	101,925	140,705	161,007	152,576	146,258	155,125	143,003	61,105	50,582
IS	55	T	T	IST-1	13,180	12,175	10,996	9,871	10,280	9,917	11,315	12,095	11,765	12,893	12,239	10,722	137,449												-	9,067	10,120	10,281	10,556	9,328	10,665	8,556	8,499	8,419	7,920	9,252	10,536
IS	156	T	P	IST-1	84,858	87,018	77,369	78,754	90,224	81,825	83,102	91,878	74,836	75,241	1,464	1,464	828,033	0	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(549,277)	21,072	20,466	11,444	27,432	47,720	19,045	41,397	42,167	22,606	30,823	(87,738)	(87,738)
IS	255	T	T	IST-2	149,944	144,218	156,026	164,752	108,517	227,473	183,548	155,195	186,004	159,157	185,090	200,516	2,020,439												-	102,367	94,673	107,993	125,752	88,962	191,589	140,089	134,498	144,844	127,372	133,305	145,660
					247,982	243,411	244,391	253,376	209,021	319,216	277,965	259,168	272,605	247,291	198,794	212,701	2,985,921	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(45,773)	(549,277)	132,505	125,259	129,718	163,740	146,010	221,299	190,042	185,163	175,869	166,115	54,819	68,458
Total IS					617,158	602,187	652,498	619,651	584,035	671,535	638,850	644,496	633,283	609,356	622,434	624,684	7,520,166	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(44,960)	(539,521)	283,821	246,171	264,643	296,689	357,406	437,318	405,547	402,099	394,403	373,051	162,559	138,927
LS	17	S	S	LS-1																																				
LS	116	S	S	LS-1																																				
LS	16	S	S	LS-1																																				
Total LS					-	-	-	-	-	-	-	-	-	-	-	-	-														-	-	-	-	-	-	-	-	-	-	-	-
					For Premium Distribution Charge - Primary Delivery only																																				
SS-1	20	T	P	SS-1	271	227	228	208	205	231	238	296	243	-	-	-	2,148												-	4,039	3,380	3,391	3,094	3,057	3,443	3,549	4,411	3,610	-	-	-
SS-1	21	P	P	SS-1	16,615	17,470	11,275	11,620	9,969	6,042	4,651	10,894	14,671	13,291	22,508	22,303	161,308												-	167,758	176,386	113,837	117,325	100,657	61,002	46,962	109,989	148,128	134,192	227,261	225,184
SS-1	22	T	T	SS-1	3,856	2,630	16,251	13,511	1,841	2,775	2,570	2,349	2,253	2,804	5,640	10,851	67,332	(0)											-	12,842	8,759	54,115	44,990	6,129	9,240	8,559	7,820	7,503	9,336	18,782	36,134
SS-1	22	T	T	SS-1																																				
Total SS-1					20,743	20,327	27,754	25,339	12,015	9,048	7,460	13,539	17,167	16,094	28,149	33,154	230,789	(0)	-	-	-	-	-	-	-	-	-	-	-	-	184,638	188,525	171,343	165,409	109,842	73,686	59,070	122,221	159,241	143,528	246,043	261,318
					For Premium Distribution Charge - Primary Delivery only																																				
SS-2	23	P	P	SS-2	8,697	-	12,880	16,633	-	14,881	-	8,729	13,231	2,059	21,795	36,052	134,958												-	24,325	-	36,024	46,521	-	41,620	-	24,412	37,004	5,759	60,958	100,832
SS-2	24	T	T	SS-2	-	9,639	10,370	7,371	11,957	-	7,248	2,679	-	787	-	-	50,051												-	-	3,129	3,366	2,393	3,881	-	2,352	870	-	255	-	-
SS-2	123	T	P	SS-2	11,365	9,831	31,319	31,803	18,383	22,353	17,238	11,572	19,094	7,648	-	-	180,607	(0)											-	124,261	107,488	342,425	347,716	200,982	244,396	188,467	126,524	208,762	83,620	-	-
Total SS-2					20,062	19,470	54,570	55,808	30,340	37,234	24,486	22,980	32,325	10,494	21,795	36,052	365,617	(0)	-	-	-	-	-	-	-	-	-	-	-	-	148,585	110,617	381,814	396,629	204,863	286,016	190,820	151,806	245,766	89,634	60,958	100,832
					For Premium Distribution Charge - Primary Delivery only																																				
SS-3	25	P	P	SS-3	19,716	30,042	2,858	21,963	10,321	15,405	16,295	16,857	19,313	26,742	30,544	33,245	243,302												-	194,514	296,388	28,195	216,679	101,828	151,978	160,766	166,306	190,541	263,827	301,344	327,987
Total SS-3					19,716	30,042	2,858	21,963	10,321	15,405	16,295	16,857	19,313	26,742	30,544	33,245	243,302	-	-	-	-	-	-	-	-	-	-	-	-	-	194,514	296,388	28,195	216,679	101,828	151,978	160,766	166,306	190,541	263,827	301,344	327,987
n/a					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail Total					3,895,794	3,693,450	3,807,368	3,912,714	4,055,825	4,366,260	4,478,363	4,577,466	4,523,199	4,312,696	4,128,700	3,997,806	49,749,641	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(45,730)	(548,761)	1,663,738	1,614,623	1,672,961	2,225,736	2,383,662	2,582,771	2,660,976	2,891,930	2,912,216	2,750,719	2,284,734	1,664,896

20220143 EI Staff Hearing Exhibits 00067

Duke Energy Florida
Docket No. 20220143
DEF's Response to Staff's DR 1
Q1

DEF Retail Forecast by Rate Co | Adjustments to Forecasted Mid-Peak kW by Month | Forecasted Mid-Peak kW by Month | Forecasted Daily Demands for SS Classes

Rate Class	Rate Code	Del	Met	Rate Sch.	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
RS-1	1	S	S	RS-1																																			
RS-1	91	S	S	RSL-1																																			
RS-1	201	S	S	RSS-1																																			
RS-1	291	S	S	RSSL-1																																			
				<=1,000 kW																																			
				>1,000 kW																																			
RS-1	51	S	S	RST-1																																			
RS-1	101	S	S	RST-1																																			
Total RS																																						
GS-1	161	S	S	GSLM-2																																			
GS-1	90	S	S	GS-1																																			
GS-1	66	S	S	GS-1																																			
GS-1	60	S	S	GS-1																																			
GS-1	61	S	S	GSLM-1																																			
GS-1	62	P	P	GS-1																																			
GS-1	50	S	S	GST-1																																			
GS-1	100	S	S	GST-1																																			
GS-1	102	S	S	GST-1																																			
GS-1	105	S	P	GST-1																																			
GS-1	130	S	S	GST-1																																			
GS-1	52	P	P	GST-1																																			
GS-1	104	T	T	GST-1																																			
Total GS-1																																						
GS-2	67	S	S	GS-2																																			
GS-2	76	S	S	GS-2																																			
GS-2	27	S	S	GS-2																																			
GS-2	28	S	S	GS-2																																			
Total GS-2																																						
GSD	8	S	P	GSD-1																																			
GSD	70	S	S	GSD-1																																			
GSD	71	S	S	GSLM-1																																			
GSD	171	S	S	GSLM-2																																			
GSD	829	S	S	GSD-1																																			
GSD	72	P	P	GSD-1																																			
GSD	73	P	P	GSLM-1																																			
GSD	75	T	T	GSLM-1																																			
GSD	53	S	S	GSDT-1	12,843,569	0	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	19,981,523	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	19,981,523	-
GSD	69	S	S	GSLM-1	202,480	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	107	S	P	GSDT-1	31,126	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	109	S	S	GSDT-1	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	616,406	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	620	S	S	GSDT-1	7,573	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	621	S	S	GSDT-1	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	25,410	0													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	623	S	S	GSDT-1	2,176	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	624	S	S	GSDT-1	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	4,177	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	834	S	S	GSDT-1	131,408	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	851	S	S	GSLM-2	34,736	0													-	-	-	-	-	-	-	-	-	-	-	-	-	-
					13,899,062	0	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	19,981,523	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	1,665,127	19,981,523	-
					-																																		
GSD	45	P	P	GSLM-1	3,680	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	54	P	P	GSDT-1	2,615,150	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	145	P	P	GSLM-2	102,649	(0)	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	3,948,001	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	3,948,001	-
GSD	625	P	P	GSDT-1	2,091	-	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	3,948,001	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	329,000	3,948,001	-
GSD	835	P	P	GSDT-1	104,634	0													-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2,828,205	-	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	7,896,002	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	658,000	7,896,002	-
					-																																		
GSD	83	T	T	GSDT-1	10,707	-	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	186,708	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	186,708	-
GSD	84	T	P	GSDT-1	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-

Rate Class	Rate Code	Del	Met	Rate Sch.	Total		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
					10,707	-	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	186,708	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	15,559	186,708	-										
						-																										-										
Total GSD					16,737,973	0	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	28,064,233	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	2,338,686	28,064,233	(0)										
						-																										0										
						-																										-										
CS	18	S	S	CS-1		-																										-										
						-																										-										
CS	280	P	P	CS-2		-																										-										
						-																										-										
CS	85	P	P	CST-1	154,798	(0)	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	-										
CS	285	P	P	CST-2	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
CS	385	P	P	CST-3	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
CS	766	P	P	CST-3	-	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					154,798	(0)	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	-										
Total CS					154,798	(0)	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	19,951	239,408	(0)										
						-																										0										
						-																										-										
IS	44	S	P	IS-1		-																										-										
IS	47	S	S	IS-1		-																										-										
IS	247	S	S	IS-1		-																										-										
						-																										-										
						-																										-										
IS	46	P	P	IS-1		-																										-										
IS	246	P	P	IS-2		-																										-										
						-																										-										
						-																										-										
IS	155	T	P	IS-1		-																										-										
						-																										-										
IS	26	S	P	IST-1	5,050	0													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IS	30	S	S	IST-1	15,588	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IS	230	S	S	IST-2	517,020	(0)	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	718,146	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	718,146	-										
					537,657	(0)	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	718,146	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	59,846	718,146	-										
IS	57	P	P	IST-1	766,621	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IS	59	P	T	IST-1	143	-													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IS	257	P	P	IST-2	699,218	-	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	2,259,061	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	2,259,061	-										
					1,465,981	-	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	2,259,061	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	188,255	2,259,061	-										
						-																										-										
IS	55	T	T	IST-1	113,199	0													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
IS	156	T	P	IST-1	108,697	-	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	1,921,207	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	1,921,207	-										
IS	255	T	T	IST-2	1,537,102	(0)													-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					1,758,997	-	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	1,921,207	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	160,101	1,921,207	-										
Total IS					3,762,636	-	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	4,898,414	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	408,201	4,898,414	(0)										
						-																										-										
						-																										-										
LS	17	S	S	LS-1		-																										-										
LS	116	S	S	LS-1		-																										-										
						-																										-										
						-																										-										
LS	16	S	S	LS-1		-																										-										
Total LS					-	-																										-										
						-																										-										
						-																										-										
SS-1	20	T	P	SS-1	31,974	0																										-	5,127	3,694	4,833	4,980	3,618	-	-	3,705	-
SS-1	21	P	P	SS-1	1,628,681	-																										-	139,226	154,079	124,412	139,032	89,552	59,068	52,570	95,021	148,682
SS-1	22	T	T	SS-1	224,209	(0)																										-	40,186	30,170	42,045	17,277	7,235	5,205	-	16,451	1,789
SS-1	22	T	T	SS-1																																						
						-																										-										
Total SS-1					1,884,863	-																										-	184,539	187,943	171,290	161,290	100,405	64,273	52,570	115,177	150,471
						-																										-										
						-																										-										
SS-2	23	P	P	SS-2	377,454	-																										-	32,711	9,693	94,943	-	10,231	29,012	31,717	55,216	92,988
SS-2	24	T	T	SS-2	16,246	(0)																										-	-	-	-	-	-	-	-	-	-
SS-2	123	T	P	SS-2	1,974,640	(0)																										-	113,807	98,975	286,872	391,126	194,632	257,004	156,989	96,590	152,778
						-																										-										
Total SS-2					2,368,339	-																										-	146,519	108,668	381,814	391,126	204,863	286,016	188,706	151,806	245,766
						-																										-										
						-																										-										
SS-3	25	P	P	SS-3	2,400,352	-																										-	194,514	296,388	28,195	216,679	101,828	151,978	160,766	166,306	190,541
						-																										-										
Total SS-3					2,400,352	-																										-	194,514	296,388	28,195	216,679	101,828	151,978	160,766	166,306	190,541
						-																										-										
						-																										-										
n/a					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-																										-										
Retail Total					27,308,962	0	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	33,202,055	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	2,766,838	33,202,055	(0)	525,571	592,999	581,299	769,095	407,095	502,267	402,042	433,289	586,778

DEF Retail Forecast by Rate Co

Rate Class	Rate Code	Del	Met	Rate Sch.	Oct-23	Nov-23	Dec-23	Total
RS-1	1	S	S	RS-1				
RS-1	91	S	S	RSL-1				
RS-1	201	S	S	RSS-1				
RS-1	291	S	S	RSSL-1				
				<=1,000 kW				
				>1,000 kW				
RS-1	51	S	S	RST-1				
RS-1	101	S	S	RST-1				
Total RS								
GS-1	161	S	S	GSLM-2				
GS-1	90	S	S	GS-1				
GS-1	66	S	S	GS-1				
GS-1	60	S	S	GS-1				
GS-1	61	S	S	GSLM-1				
GS-1	62	P	P	GS-1				
GS-1	50	S	S	GST-1				
GS-1	100	S	S	GST-1				
GS-1	102	S	S	GST-1				
GS-1	105	S	P	GST-1				
GS-1	130	S	S	GST-1				
GS-1	52	P	P	GST-1				
GS-1	104	T	T	GST-1				
Total GS-1								
GS-2	67	S	S	GS-2				
GS-2	76	S	S	GS-2				
GS-2	27	S	S	GS-2				
GS-2	28	S	S	GS-2				
Total GS-2								
GSD	8	S	P	GSD-1				
GSD	70	S	S	GSD-1				
GSD	71	S	S	GSLM-1				
GSD	171	S	S	GSLM-2				
GSD	829	S	S	GSD-1				
GSD	72	P	P	GSD-1				
GSD	73	P	P	GSLM-1				
GSD	75	T	T	GSLM-1				
GSD	53	S	S	GSDT-1				
GSD	69	S	S	GSLM-1				
GSD	107	S	P	GSDT-1				
GSD	109	S	S	GSDT-1				
GSD	169	S	S	GSLM-2				
GSD	620	S	S	GSDT-1				
GSD	621	S	S	GSDT-1				
GSD	622	S	S	GSLM-2				
GSD	623	S	S	GSDT-1				
GSD	624	S	S	GSDT-1				
GSD	627	S	S	GSDT-1				
GSD	834	S	S	GSDT-1				
GSD	851	S	S	GSLM-2				
GSD	45	P	P	GSLM-1				
GSD	54	P	P	GSDT-1				
GSD	145	P	P	GSLM-2				
GSD	625	P	P	GSDT-1				
GSD	835	P	P	GSDT-1				
GSD	83	T	T	GSDT-1				
GSD	84	T	P	GSDT-1				

Forecasted Standby Capacity for SS Classes

Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total

Forecasted Base $/kW

Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23
6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880	6.880
5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590
5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590	5.590
1.560	1.560	1.560	1.560	1.560	1.560	1.560	1.560	1.560	1.560	1.560	1.560
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640
3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160
2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160	2.160

Forecasted On-Peak $/kW

Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250
1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250

Rate Class	Rate Code	Del	Met	Rate Sch.	Forecasted Standby Capacity for SS Classes													Forecasted Base $/kW												Forecasted On-Peak $/kW											
					Oct-23	Nov-23	Dec-23	Total	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23	Jan 23 Jan-23	Jan 23 Feb-23	Jan 23 Mar-23	Jan 23 Apr-23	Jan 23 May-23	Jan 23 Jun-23	Jan 23 Jul-23	Jan 23 Aug-23	Jan 23 Sep-23	Jan 23 Oct-23	Jan 23 Nov-23	Jan 23 Dec-23
Total GSD																																							
CS	18	S	S	CS-1														11.010	11.010	11.010	11.010	11.010	11.010	11.010	11.010	11.010	11.010	11.010	11.010												
CS	280	P	P	CS-2														9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720												
CS	85	P	P	CST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
CS	285	P	P	CST-2														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
CS	385	P	P	CST-3														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
CS	766	P	P	CST-3														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
Total CS																																							
IS	44	S	P	IS-1														9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150												
IS	47	S	S	IS-1														9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150												
IS	247	S	S	IS-1														9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150	9.150												
IS	46	P	P	IS-1														7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860												
IS	246	P	P	IS-2														7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860	7.860												
IS	155	T	P	IS-1														3.830	3.830	3.830	3.830	3.830	3.830	3.830	3.830	3.830	3.830	3.830	3.830												
IS	26	S	P	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	30	S	S	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	230	S	S	IST-2														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	57	P	P	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	59	P	T	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	257	P	P	IST-2														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	55	T	T	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	156	T	P	IST-1														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
IS	255	T	T	IST-2														1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310	1.310
Total IS																																							
LS	17	S	S	LS-1																																				
LS	116	S	S	LS-1																																				
LS	16	S	S	LS-1																																				
Total LS																																							
SS-1	20	T	P	SS-1	4,060	3,711	5,245	38,972	3,223	3,223	3,223	3,223	3,223	6,446	6,446	3,223	6,446	3,223	3,223	3,223	48,345	Premium Distribution Charge for SS Classes - Primary Delivery only														Daily Demand Charge for SS Classes											
SS-1	21	P	P	SS-1	135,503	201,843	199,552	1,538,541	361	361	361	361	361	361	180	5,500	180	180	180	180	8,566	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716
SS-1	22	T	T	SS-1	3,931	30,990	56,513	251,791	29,756	31,095	29,756	29,756	30,356	31,340	34,695	29,756	33,356	31,340	31,095	29,079	371,380														0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716
SS-1	22	T	T	SS-1																																				
	Total SS-1				143,494	236,544	261,309	1,829,303	33,340	34,679	33,340	33,340	33,940	38,147	41,321	38,479	39,982	34,743	34,498	32,482	428,291																				
SS-2	23	P	P	SS-2	33,793	35,668	24,758	450,731	-	-	-	9,500	-	-	-	-	-	-	-	-	9,500	Premium Distribution Charge for SS Classes - Primary Delivery only														Daily Demand Charge for SS Classes											
SS-2	24	T	T	SS-2	-	-	-	-	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	446,352	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715
SS-2	123	T	P	SS-2	54,976	24,846	75,227	1,903,820	-	-	-	-	-	-	-	-	-	-	-	-	-														0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715
	Total SS-2				88,769	60,514	99,985	2,354,551	37,196	37,196	37,196	46,696	37,196	37,196	37,196	37,196	37,196	37,196	37,196	37,196	455,852																				
SS-3	25	P	P	SS-3	263,827	301,344	327,987	2,400,352	-	-	-	-	-	-	-	-	-	-	-	-	-	Premium Distribution Charge for SS Classes - Primary Delivery only														Daily Demand Charge for SS Classes											
																						1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715
	Total SS-3				263,827	301,344	327,987	2,400,352	-	-	-	-	-	-	-	-	-	-	-	-	-																				
n/a					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
Other					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
Retail Total					496,090	598,402	689,281	6,584,207	70,536	71,875	70,536	80,036	71,136	75,343	78,517	75,675	77,178	71,939	71,694	69,678	884,143																				

DEF Retail Forecast by Rate Co

Forecasted Mid-Peak $/kW

Forecasted Demand $ by Month

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
RS-1	1	S	S	RS-1																									
RS-1	91	S	S	RSL-1																									
RS-1	201	S	S	RSS-1																									
RS-1	291	S	S	RSSL-1																									
				<=1,000 kW																									
				>1,000 kW																									
RS-1	51	S	S	RST-1																									
RS-1	101	S	S	RST-1																									
Total RS																	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-1	161	S	S	GSLM-2																									
GS-1	90	S	S	GS-1																									
GS-1	66	S	S	GS-1																									
GS-1	60	S	S	GS-1																									
GS-1	61	S	S	GSLM-1																									
GS-1	62	P	P	GS-1																									
GS-1	50	S	S	GST-1																									
GS-1	100	S	S	GST-1																									
GS-1	102	S	S	GST-1																									
GS-1	105	S	P	GST-1																									
GS-1	130	S	S	GST-1																									
GS-1	52	P	P	GST-1																									
GS-1	104	T	T	GST-1																									
Total GS-1																	-	-	-	-	-	-	-	-	-	-	-	-	-
GS-2	67	S	S	GS-2																									
GS-2	76	S	S	GS-2																									
GS-2	27	S	S	GS-2																									
GS-2	28	S	S	GS-2																									
Total GS-2																	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	8	S	P	GSD-1														88	146	63	140	206	210	207	204	195	-	-	1,458
GSD	70	S	S	GSD-1													6,140,306	5,767,138	6,101,628	6,410,040	7,220,669	7,940,982	8,176,768	8,364,061	8,338,634	7,808,397	6,962,379	6,178,676	85,409,677
GSD	71	S	S	GSLM-1													6,153	5,388	5,170	5,258	5,419	5,905	6,628	6,146	6,102	5,916	-	-	58,088
GSD	171	S	S	GSLM-2													12,612	10,409	9,891	12,306	12,075	12,677	13,161	12,016	12,026	12,688	-	-	119,860
GSD	829	S	S	GSD-1													1,320	1,145	1,037	-	-	-	-	-	-	-	-	-	3,501
																	6,160,391	5,784,167	6,117,871	6,427,666	7,238,303	7,959,770	8,196,768	8,382,431	8,356,966	7,827,196	6,962,379	6,178,676	85,592,584
GSD	72	P	P	GSD-1													116,923	116,301	107,386	125,813	129,148	139,271	127,249	130,492	147,856	135,494	125,258	107,517	1,508,706
GSD	73	P	P	GSLM-1													-	-	-	-	-	-	-	-	-	-	-	-	-
																	116,923	116,301	107,386	125,813	129,148	139,271	127,249	130,492	147,856	135,494	125,258	107,517	1,508,706
GSD	75	T	T	GSLM-1													-	-	-	-	-	-	-	-	-	-	1	1	3
GSD	53	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	11,939,877	11,655,508	11,811,379	12,123,483	12,680,462	12,956,069	13,287,267	13,394,039	13,351,495	13,175,133	12,995,595	12,285,221	151,655,529
GSD	69	S	S	GSLM-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	56,140	47,741	54,163	62,184	72,558	79,683	89,793	94,956	84,554	77,434	-	-	719,206
GSD	107	S	P	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	9,861	17,650	987	9,304	20,441	97	13,190	12,765	12,447	11,407	-	-	108,148
GSD	109	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	169	S	S	GSLM-2	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	201,556	182,022	196,710	195,747	209,533	226,371	235,032	227,877	232,091	221,225	-	-	2,128,162
GSD	620	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	2,289	2,394	2,085	2,381	2,481	2,785	3,152	3,144	3,008	2,849	-	-	26,567
GSD	621	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	622	S	S	GSLM-2	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	8,407	-	15,163	8,873	9,762	11,135	-	11,908	10,923	11,082	-	-	87,254
GSD	623	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	-	-	-	-	-	-	-	2,565	2,410	2,489	-	-	7,464
GSD	624	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	-	-	-	-	-	-	-	-	-	-	-	-	-
GSD	627	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	1,103	1,105	1,128	1,151	1,339	1,572	1,678	2,160	1,661	1,612	-	-	14,508
GSD	834	S	S	GSDT-1	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	65,299	58,796	58,406	61,299	65,335	70,669	77,752	74,046	70,739	65,423	-	-	667,763
GSD	851	S	S	GSLM-2	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	4.360	14,963	14,320	14,032	15,831	16,391	17,054	21,817	21,975	19,787	20,329	-	-	176,499
																	12,299,495	11,979,535	12,154,052	12,480,253	13,078,301	13,365,435	13,729,681	13,845,435	13,789,113	13,588,982	12,995,595	12,285,221	155,591,099
GSD	45	P	P	GSLM-1	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	1,123	-	2,057	1,165	1,479	1,728	1,646	-	1,740	1,613	-	-	12,550
GSD	54	P	P	GSDT-1	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	850,940	774,830	758,294	919,857	1,100,692	1,095,132	1,225,610	1,450,815	1,262,157	1,215,194	1,205,843	1,031,633	12,890,995
GSD	145	P	P	GSLM-2	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	1,044,606	1,038,761	1,043,151	1,041,434	1,041,942	1,048,512	1,044,930	1,054,067	1,050,496	1,049,494	1,010,030	1,010,030	12,477,452
GSD	625	P	P	GSDT-1	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	1,010,030	1,010,030	1,010,030	1,010,030	1,010,030	1,010,030	1,010,030	1,010,030	1,013,521	1,013,927	1,010,030	1,010,030	12,127,751
GSD	835	P	P	GSDT-1	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	3.070	56,387	49,548	48,802	47,272	49,120	53,336	51,780	59,491	50,132	50,271	-	-	516,138
																	2,963,087	2,873,168	2,862,335	3,019,758	3,203,262	3,208,737	3,333,996	3,574,403	3,378,045	3,330,498	3,225,903	3,051,694	38,024,886
GSD	83	T	T	GSDT-1	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	9,768	(25,314)	(29,006)	1,445	20,864	9,587	48,207	79,240	50,402	45,060	33,984	(9,456)	234,781
GSD	84	T	P	GSDT-1	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-0.960	-	-	-	-	-	-	-	-	-	-	-	-	-

DEF Retail Forecast by Rate Co — Forecasted Mid-Peak $/kW — Forecasted Demand $ by Month

Rate Class	Rate Code	Del	Met	Rate Sch.	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
																	9,768	(25,314)	(29,006)	1,445	20,864	9,587	48,207	79,240	50,402	45,060	33,984	(9,456)	234,781
Total GSD																	21,549,663	20,727,857	21,212,639	22,054,934	23,669,879	24,682,800	25,435,900	26,012,001	25,722,383	24,927,231	23,343,120	21,613,653	280,952,060
CS	18	S	S	CS-1													-	-	-	-	-	-	-	-	-	-	-	-	-
CS	280	P	P	CS-2													-	-	-	-	-	-	-	-	-	-	-	24,357	24,357
CS	85	P	P	CST-1	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	128,157	157,413	79,432	119,514	131,928	117,790	126,754	127,888	121,934	122,349	123,391	116,536	1,473,085
CS	285	P	P	CST-2	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	385	P	P	CST-3	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	-	-	-	-	-	-	-	-	-	-	-	-	-
CS	766	P	P	CST-3	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	-	-	-	-	-	-	-	-	-	-	-	-	-
																	128,157	157,413	79,432	119,514	131,928	117,790	126,754	127,888	121,934	122,349	123,391	116,536	1,473,085
Total CS																	128,157	157,413	79,432	119,514	131,928	117,790	126,754	127,888	121,934	122,349	123,391	140,893	1,497,442
IS	44	S	P	IS-1													4,126	5,016	4,733	4,143	5,454	4,550	4,559	4,922	5,517	5,342	1,323	1,323	51,008
IS	47	S	S	IS-1													49,551	49,480	51,364	49,821	63,154	62,663	59,059	66,148	67,759	65,816	57,647	50,723	693,184
IS	247	S	S	IS-1													16,485	26,466	21,287	33,135	36,274	29,312	29,691	34,600	34,204	32,818	32,087	26,440	352,796
																	70,162	80,962	77,384	87,099	104,882	96,524	93,309	105,670	107,479	103,976	91,056	78,486	1,096,988
IS	46	P	P	IS-1													358,258	356,328	416,057	360,245	435,032	425,909	371,949	420,353	353,344	385,503	389,723	326,511	4,599,214
IS	246	P	P	IS-2													85,412	53,856	133,576	82,169	103,738	82,936	59,243	106,881	85,216	97,559	98,974	98,769	1,088,329
																	443,671	410,184	549,633	442,414	538,771	508,845	431,192	527,234	438,560	483,062	488,697	425,280	5,687,543
IS	155	T	P	IS-1													-	-	-	-	-	-	-	-	-	-	-	-	-
IS	26	S	P	IST-1	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	1,418	1,332	1,355	1,283	1,700	1,441	1,476	1,724	1,742	1,391	-	-	14,862
IS	30	S	S	IST-1	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4,178	4,456	4,989	4,529	4,586	4,113	4,121	6,353	4,545	4,836	4,847	4,781	56,334
IS	230	S	S	IST-2	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	4.710	410,112	394,615	437,518	428,678	499,964	474,491	492,039	503,334	491,169	489,394	463,246	422,079	5,506,639
																	415,708	400,403	443,862	434,490	506,249	480,045	497,636	511,410	497,456	495,621	468,093	426,860	5,577,835
IS	57	P	P	IST-1	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	370,702	352,823	342,232	318,151	318,090	334,334	337,309	322,460	340,492	320,243	319,613	315,862	3,992,310
IS	59	P	T	IST-1	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	46	40	43	43	49	42	49	49	45	45	-	-	451
IS	257	P	P	IST-2	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	3.420	825,571	807,219	843,875	827,933	850,255	837,519	846,348	866,694	843,008	843,670	841,560	834,173	10,067,827
																	1,196,319	1,160,082	1,186,150	1,146,127	1,168,394	1,171,896	1,183,705	1,189,202	1,183,545	1,163,959	1,161,173	1,150,036	14,060,587
IS	55	T	T	IST-1	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	32,966	32,738	31,062	29,622	28,667	29,838	29,314	30,485	29,854	31,003	31,703	30,956	368,209
IS	156	T	P	IST-1	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	65,716	68,378	41,120	64,281	109,211	58,208	89,532	104,582	51,690	63,103	(210,256)	(210,256)	295,309
IS	255	T	T	IST-2	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	-0.610	374,010	354,770	391,113	428,337	290,167	614,938	477,193	424,504	487,351	421,508	470,774	511,640	5,246,306
																	472,692	455,886	463,295	522,240	428,046	702,985	596,039	559,571	568,895	515,614	292,222	332,340	5,909,824
Total IS																	2,598,551	2,507,517	2,720,324	2,632,370	2,746,342	2,960,295	2,801,881	2,893,088	2,795,935	2,762,232	2,501,240	2,413,002	32,332,777
LS	17	S	S	LS-1																									
LS	116	S	S	LS-1																									
LS	16	S	S	LS-1																									
Total LS																													
				Standby Capacity Charge for SS Classes																									
SS-1	20	T	P	SS-1	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	8,518	7,492	8,308	8,413	7,438	9,695	9,695	7,500	9,695	7,754	7,504	8,602	100,615
SS-1	21	P	P	SS-1	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	123,490	135,321	105,406	116,358	78,619	51,294	44,423	91,558	127,266	115,898	176,302	174,374	1,340,310
SS-1	22	T	T	SS-1	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	1.504	73,526	68,368	74,857	57,123	50,835	50,862	52,181	56,532	51,448	49,950	68,956	84,198	738,838
SS-1	22	T	T	SS-1																									
Total SS-1																	205,534	211,182	188,571	181,895	136,892	111,851	106,299	155,590	188,409	173,602	252,763	267,174	2,179,762
				Standby Capacity Charge for SS Classes																									
SS-2	23	P	P	SS-2	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	35,478	6,930	85,788	37,380	7,315	41,428	22,678	51,612	84,877	27,025	55,798	67,815	524,123
SS-2	24	T	T	SS-2	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	55,831	55,831	55,831	55,831	55,831	55,831	55,831	55,831	55,831	55,831	55,831	55,831	669,974
SS-2	123	T	P	SS-2	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	81,372	70,767	205,113	279,655	139,162	183,758	112,247	69,062	109,236	39,308	17,765	53,787	1,361,232
Total SS-2																	172,681	133,528	346,732	372,866	202,308	281,017	190,756	176,505	249,945	122,163	129,394	177,433	2,555,329
				Standby Capacity Charge for SS Classes																									
SS-3	25	P	P	SS-3	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	166,482	253,676	24,131	185,454	87,153	130,076	137,599	142,340	163,082	225,807	257,918	280,722	2,054,441
Total SS-3																	166,482	253,676	24,131	185,454	87,153	130,076	137,599	142,340	163,082	225,807	257,918	280,722	2,054,441
n/a																													
Other																	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail Total																	24,821,069	23,991,174	24,571,830	25,547,033	26,974,502	28,283,830	28,799,187	29,507,411	29,241,689	28,333,384	26,607,826	24,892,877	321,571,812

DEF MWH Sales for Calendar Month, Billed Month, and Unbilled
Based on File provided by Ed Lynch

		RETAIL										
		RS-1	**GS-1**	**GS-2**	**GSD**	**IS**	**CS**	**LS**	**SS-1**	**SS-2**	**SS-3**	**Total Retail**
Calendar Month MWH:												
2023	1	1,634,130	145,036	17,420	928,479	199,394	5,654	28,765	7,136	4,030	7,355	2,977,399
2023	2	1,339,357	144,663	16,062	870,965	192,287	8,147	28,043	7,674	3,138	10,772	2,621,108
2023	3	1,378,694	160,980	17,265	964,542	217,750	1,699	27,587	6,182	10,624	879	2,786,203
2023	4	1,415,195	174,495	17,598	1,009,696	209,454	4,910	28,234	6,316	11,028	8,110	2,885,034
2023	5	1,860,174	198,352	18,590	1,166,412	202,936	5,749	30,160	4,893	5,954	3,717	3,496,937
2023	6	2,139,813	219,574	18,074	1,168,566	234,824	4,696	28,723	2,966	7,982	5,186	3,830,404
2023	7	2,312,050	220,717	18,728	1,240,238	221,862	5,541	29,329	2,357	5,148	5,288	4,061,258
2023	8	2,317,371	220,047	17,552	1,219,917	223,091	5,270	27,139	4,717	4,398	5,674	4,045,176
2023	9	2,094,984	222,509	16,922	1,182,597	217,278	4,928	25,686	6,638	7,018	6,634	3,785,194
2023	10	1,708,570	201,376	16,530	1,104,865	208,176	4,885	25,339	5,744	2,308	10,108	3,287,902
2023	11	1,335,617	162,330	15,553	958,897	204,874	4,972	23,939	7,204	2,359	8,661	2,724,406
2023	12	1,536,803	153,451	16,902	932,789	207,475	4,684	27,377	7,780	3,853	9,427	2,900,541
		21,072,757	2,223,528	207,195	12,747,963	2,539,403	61,134	330,323	69,608	67,840	81,811	39,401,561
Billed Month MWH:												
2023	1	1,602,524	149,619	18,031	955,974	200,510	5,679	29,377	7,236	4,031	7,356	2,980,335
2023	2	1,275,578	146,417	16,329	880,478	192,672	8,133	28,030	7,633	3,138	10,773	2,569,181
2023	3	1,389,372	151,058	16,043	908,822	215,544	1,669	26,471	6,046	10,626	880	2,726,532
2023	4	1,477,710	166,322	16,726	965,175	207,745	4,853	27,227	6,109	11,031	8,112	2,891,011
2023	5	1,958,078	180,652	16,824	1,068,811	199,154	5,647	28,042	4,651	5,956	3,719	3,471,533
2023	6	2,227,666	213,675	17,595	1,138,393	233,659	4,645	28,059	2,921	7,984	5,187	3,879,783
2023	7	2,415,127	214,543	18,255	1,205,766	220,559	5,456	28,392	2,288	5,149	5,290	4,120,825
2023	8	2,328,810	224,681	17,805	1,248,198	224,280	5,401	28,266	4,977	4,399	5,675	4,092,492
2023	9	1,995,223	230,015	17,523	1,220,308	218,809	4,967	26,308	6,777	7,021	6,636	3,733,586
2023	10	1,627,209	212,610	17,458	1,163,533	210,577	4,967	26,593	6,063	2,309	10,111	3,281,429
2023	11	1,272,017	179,083	17,248	1,050,987	208,689	5,073	25,879	7,621	2,359	8,662	2,777,617
2023	12	1,617,687	157,537	17,392	955,548	208,454	4,702	28,001	7,861	3,854	9,428	3,010,463
		21,187,002	2,226,212	207,230	12,761,991	2,540,650	61,191	330,646	70,181	67,856	81,829	39,534,786
Difference = Unbilled MWH:												
2023	1	31,606	(4,583)	(611)	(27,495)	(1,116)	(25)	(612)	(100)	(0)	(1)	(2,936)
2023	2	63,779	(1,755)	(267)	(9,513)	(384)	14	13	41	(0)	(1)	51,927
2023	3	(10,678)	9,921	1,222	55,720	2,206	30	1,116	136	(2)	(0)	59,671
2023	4	(62,515)	8,172	872	44,521	1,709	57	1,007	207	(3)	(3)	(5,977)
2023	5	(97,904)	17,700	1,766	97,601	3,782	103	2,118	243	(2)	(1)	25,405
2023	6	(87,853)	5,899	479	30,173	1,166	51	665	46	(2)	(1)	(49,379)
2023	7	(103,077)	6,174	472	34,473	1,303	84	936	69	(1)	(1)	(59,567)
2023	8	(11,440)	(4,634)	(253)	(28,281)	(1,189)	(131)	(1,127)	(260)	(1)	(1)	(47,316)
2023	9	99,761	(7,506)	(601)	(37,710)	(1,531)	(39)	(623)	(138)	(2)	(2)	51,608
2023	10	81,360	(11,234)	(928)	(58,667)	(2,401)	(82)	(1,254)	(319)	(1)	(3)	6,473
2023	11	63,601	(16,753)	(1,695)	(92,090)	(3,814)	(101)	(1,939)	(417)	(0)	(2)	(53,211)
2023	12	(80,884)	(4,086)	(490)	(22,759)	(979)	(18)	(624)	(81)	(1)	(1)	(109,922)
		(114,244)	(2,684)	(35)	(14,028)	(1,247)	(57)	(323)	(573)	(16)	(18)	(133,224)
Number of Customers:												
2023	1	1,736,036	137,157	15,148	48,456	186	3	14,731	12	3	1	1,951,734
2023	2	1,739,167	137,579	15,288	48,400	187	4	14,609	12	2	2	1,955,251
2023	3	1,742,504	138,063	15,234	48,778	196	3	13,714	10	5	1	1,958,509
2023	4	1,745,578	138,158	15,339	48,485	185	3	14,060	10	3	1	1,961,821
2023	5	1,748,688	138,409	15,383	48,500	190	3	14,046	9	2	1	1,965,231
2023	6	1,751,713	138,628	15,214	48,277	188	3	14,496	10	3	1	1,968,533
2023	7	1,754,761	138,735	15,225	48,370	187	2	14,649	10	2	-	1,971,941
2023	8	1,757,689	138,949	15,354	48,356	187	2	14,542	11	3	1	1,975,095
2023	9	1,760,657	140,388	15,344	47,478	247	5	14,057	12	7	29	1,978,224
2023	10	1,763,595	139,649	15,347	48,392	192	3	14,101	9	3	1	1,981,293
2023	11	1,728,937	130,124	14,186	45,671	204	3	65,452	12	3	2	1,984,592
2023	12	1,732,122	130,668	14,354	45,701	197	14	64,245	9	3	1	1,987,313
		20,961,447	1,646,506	181,417	574,866	2,346	49	272,703	124	38	41	23,639,538

Update links below in all ıcells beginning in row 37

Sales Forecast Allotion to Rate Class

							1	1	1	1
			Total	Total	Total	Total	Residential Sales	Residential Sales	Residential Sales	Residential Sales
Year	Month	Date	Forecast Billed kWh	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers	Forecast Billed kWh	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers
2023	All		39,534,801	(133,225)	39,401,576	1,969,968	21,211,395	(114,407)	21,096,988	1,754,594
2023	Jan	Jan-23	2,980,335	(2,936)	2,977,399	1,951,734	1,604,499	31,645	1,636,144	1,737,727
2023	Feb	Feb-23	2,569,181	51,927	2,621,108	1,955,251	1,277,264	63,863	1,341,128	1,740,870
2023	Mar	Mar-23	2,726,532	59,671	2,786,203	1,958,509	1,391,430	(10,694)	1,380,736	1,743,998
2023	Apr	Apr-23	2,891,011	(5,977)	2,885,034	1,961,821	1,479,746	(62,602)	1,417,144	1,747,112
2023	May	May-23	3,471,533	25,405	3,496,937	1,965,231	1,960,455	(98,023)	1,862,432	1,750,212
2023	Jun	Jun-23	3,879,783	(49,379)	3,830,404	1,968,533	2,229,897	(87,941)	2,141,955	1,753,299
2023	Jul	Jul-23	4,120,825	(59,567)	4,061,258	1,971,941	2,417,472	(103,177)	2,314,295	1,756,371
2023	Aug	Aug-23	4,092,492	(47,316)	4,045,176	1,975,095	2,330,970	(11,450)	2,319,520	1,759,302
2023	Sep	Sep-23	3,733,586	51,608	3,785,194	1,978,224	1,996,996	99,850	2,096,846	1,762,219
2023	Oct	Oct-23	3,281,429	6,473	3,287,902	1,981,293	1,628,873	81,444	1,710,317	1,765,122
2023	Nov	Nov-23	2,777,619	(53,211)	2,724,408	1,984,607	1,273,677	63,684	1,337,361	1,768,010
2023	Dec	Dec-23	3,010,476	(109,922)	2,900,553	1,987,373	1,620,116	(81,006)	1,539,110	1,770,884

Update links below in all r

Sales Forecast Allc

			3	3	3	3		5	5	5	5		6
			Commercial Sales	Commercial Sales	Commercial Sales	Commercial Sales		Industrial Service	Industrial Service	Industrial Service	Industrial Service		Public Street & Highway Lighting
Year	Month	Date	Forecast Billed kWh	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers		Forecast Billed kWh	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers		Forecast Billed kWh
2023	All		11,654,814	(5,066)	11,649,748	185,981		3,424,443	(770)	3,423,673	1,942		21,565
2023	Jan	Jan-23	864,955	(30,509)	834,446	184,705		263,483	(31)	263,452	1,947		1,801
2023	Feb	Feb-23	784,502	(14,629)	769,873	185,062		268,628	(34)	268,594	1,946		1,800
2023	Mar	Mar-23	804,625	64,813	869,437	185,176		286,850	(50)	286,800	1,945		1,800
2023	Apr	Apr-23	872,836	46,234	919,070	185,357		284,289	(89)	284,201	1,944		1,799
2023	May	May-23	950,433	101,350	1,051,783	185,651		292,140	(94)	292,046	1,943		1,798
2023	Jun	Jun-23	1,067,361	28,336	1,095,698	185,850		297,808	(76)	297,732	1,942		1,797
2023	Jul	Jul-23	1,127,319	26,096	1,153,415	186,169		294,946	(74)	294,872	1,941		1,797
2023	Aug	Aug-23	1,166,118	(10,885)	1,155,233	186,376		301,105	(65)	301,040	1,940		1,796
2023	Sep	Sep-23	1,131,360	(39,326)	1,092,034	186,571		292,847	(86)	292,760	1,939		1,795
2023	Oct	Oct-23	1,066,435	(55,798)	1,010,637	186,720		286,531	(79)	286,451	1,938		1,795
2023	Nov	Nov-23	949,020	(95,086)	853,934	187,130		283,020	(53)	282,967	1,937		1,794
2023	Dec	Dec-23	869,850	(25,661)	844,189	187,006		272,796	(39)	272,757	1,936		1,793

Update links below in all r

Sales Forecast Allc

			6	6	6		7	7	7	7		1	1
			Public Street & Highway Lighting	Public Street & Highway Lighting	Public Street & Highway Lighting		Other Sales to Public Authority	Other Sales to Public Authority	Other Sales to Public Authority	Other Sales to Public Authority		Residential Sales RS	Residential Sales LS
												Percent Historical	Percent Historical
Year	Month	Date	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers		Forecast Billed kWh	Forecast Unbilled kWh	Forecast Calendar kWh	Forecast Customers		Billed kWh	Billed kWh
2023	All		-	21,565	1,475		3,222,584	(12,983)	3,209,601	25,976			
2023	Jan	Jan-23	0	1,801	1,478		245,597	(4,041)	241,556	25,877		99.88%	0.12%
2023	Feb	Feb-23	0	1,800	1,478		236,986	2,727	239,713	25,895		99.87%	0.13%
2023	Mar	Mar-23	0	1,800	1,477		241,828	5,602	247,429	25,913		99.85%	0.15%
2023	Apr	Apr-23	0	1,799	1,477		252,342	10,479	262,821	25,931		99.86%	0.14%
2023	May	May-23	0	1,798	1,476		266,707	22,171	288,878	25,949		99.88%	0.12%
2023	Jun	Jun-23	0	1,797	1,476		282,920	10,301	293,221	25,967		99.90%	0.10%
2023	Jul	Jul-23	0	1,797	1,475		279,292	17,587	296,879	25,985		99.90%	0.10%
2023	Aug	Aug-23	0	1,796	1,475		292,502	(24,915)	267,587	26,003		99.91%	0.09%
2023	Sep	Sep-23	0	1,795	1,474		310,588	(8,829)	301,758	26,021		99.91%	0.09%
2023	Oct	Oct-23	0	1,795	1,474		297,795	(19,093)	278,702	26,039		99.90%	0.10%
2023	Nov	Nov-23	0	1,794	1,473		270,109	(21,756)	248,353	26,057		99.87%	0.13%
2023	Dec	Dec-23	0	1,793	1,472		245,920	(3,216)	242,704	26,076		99.85%	0.15%

Update links below in all r

Sales Forecast Allc

				3	3	3	3	3	3	3	3	
				Commercial Sales LS	Commercial Sales SS-1	Commercial Sales SS-3	Commercial Sales IS	Commercial Sales GS-1	Commercial Sales GS-2	Commercial Sales GSD	Commercial Sales CS	
Year	Month	Date		Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	
2023	All											
2023	Jan	Jan-23	100.00%	1.43%	0.06%	0.00%	3.11%	13.51%	1.93%	79.97%	0.00%	100.00%
2023	Feb	Feb-23	100.00%	1.49%	0.05%	0.00%	3.14%	14.29%	1.92%	79.11%	0.00%	100.00%
2023	Mar	Mar-23	100.00%	1.33%	0.04%	0.00%	3.17%	14.20%	1.84%	79.42%	0.00%	100.00%
2023	Apr	Apr-23	100.00%	1.29%	0.03%	0.00%	3.06%	14.87%	1.78%	78.97%	0.00%	100.00%
2023	May	May-23	100.00%	1.22%	0.03%	0.00%	3.08%	14.55%	1.65%	79.47%	0.00%	100.00%
2023	Jun	Jun-23	100.00%	1.10%	0.04%	0.00%	3.11%	15.87%	1.53%	78.35%	0.00%	100.00%
2023	Jul	Jul-23	100.00%	1.06%	0.03%	0.00%	2.98%	15.48%	1.51%	78.93%	0.00%	100.00%
2023	Aug	Aug-23	100.00%	1.06%	0.03%	0.00%	3.14%	15.70%	1.43%	78.64%	0.00%	100.00%
2023	Sep	Sep-23	100.00%	0.98%	0.03%	0.00%	3.02%	16.10%	1.44%	78.44%	0.00%	100.00%
2023	Oct	Oct-23	100.00%	1.06%	0.03%	0.00%	3.12%	15.77%	1.52%	78.49%	0.00%	100.00%
2023	Nov	Nov-23	100.00%	1.17%	0.06%	0.00%	3.25%	15.11%	1.69%	78.72%	0.00%	100.00%
2023	Dec	Dec-23	100.00%	1.34%	0.06%	0.00%	3.31%	14.62%	1.85%	78.82%	0.00%	100.00%

Update links below in all r

Sales Forecast Allc

			5	5	5	5	5	5	5	5	5	
			Industrial Service LS	Industrial Service SS-1	Industrial Service SS-2	Industrial Service SS-3	Industrial Service IS	Industrial Service GS-1	Industrial Service GS-2	Industrial Service GSD	Industrial Service CS	
Year	Month	Date	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	
2023	All											
2023	Jan	Jan-23	0.08%	0.66%	1.53%	2.79%	62.48%	1.81%	0.00%	29.07%	1.59%	100.00%
2023	Feb	Feb-23	0.07%	1.13%	1.17%	4.01%	59.48%	1.89%	0.00%	29.72%	2.54%	100.00%
2023	Mar	Mar-23	0.08%	0.36%	3.70%	0.31%	63.49%	2.01%	0.00%	29.92%	0.13%	100.00%
2023	Apr	Apr-23	0.07%	0.42%	3.88%	2.85%	60.73%	1.84%	0.00%	28.98%	1.22%	100.00%
2023	May	May-23	0.09%	0.62%	2.04%	1.27%	55.22%	2.33%	0.00%	36.93%	1.50%	100.00%
2023	Jun	Jun-23	0.07%	0.52%	2.68%	1.74%	64.24%	1.92%	0.00%	27.74%	1.08%	100.00%
2023	Jul	Jul-23	0.07%	0.33%	1.75%	1.79%	60.31%	2.07%	0.00%	32.29%	1.39%	100.00%
2023	Aug	Aug-23	0.07%	0.54%	1.46%	1.88%	59.17%	2.41%	0.00%	33.18%	1.29%	100.00%
2023	Sep	Sep-23	0.07%	0.68%	2.40%	2.27%	59.54%	2.25%	0.00%	31.55%	1.24%	100.00%
2023	Oct	Oct-23	0.07%	0.36%	0.81%	3.53%	58.54%	2.26%	0.00%	33.14%	1.29%	100.00%
2023	Nov	Nov-23	0.07%	0.91%	0.83%	3.06%	59.80%	2.15%	0.00%	31.81%	1.35%	100.00%
2023	Dec	Dec-23	0.07%	0.88%	1.41%	3.46%	62.92%	1.77%	0.00%	28.24%	1.25%	100.00%

Update links below in all r

Sales Forecast Allc

			6	6	6	6		7	7	7	7	7
			Public Street & Highway Lighting LS	Public Street & Highway Lighting GS-1	Public Street & Highway Lighting GS-2	Public Street & Highway Lighting GSD		Other Sales to Public Authority LS	Other Sales to Public Authority SS-1	Other Sales to Public Authority IS	Other Sales to Public Authority GS-1	Other Sales to Public Authority GS-2
			Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh		Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh	Percent Historical Billed kWh
Year	Month	Date										
2023	All											
2023	Jan	Jan-23	99.22%	0.73%	0.05%	0.00%	100.00%	5.30%	2.05%	3.67%	11.39%	0.55%
2023	Feb	Feb-23	99.30%	0.66%	0.04%	0.00%	100.00%	5.36%	1.78%	3.49%	12.34%	0.53%
2023	Mar	Mar-23	99.27%	0.69%	0.05%	0.00%	100.00%	4.85%	1.93%	3.28%	12.83%	0.51%
2023	Apr	Apr-23	99.20%	0.75%	0.05%	0.00%	100.00%	4.72%	1.83%	3.33%	12.40%	0.49%
2023	May	May-23	99.29%	0.67%	0.04%	0.00%	100.00%	4.50%	0.95%	3.21%	13.33%	0.44%
2023	Jun	Jun-23	99.29%	0.67%	0.04%	0.00%	100.00%	4.29%	0.35%	3.23%	13.61%	0.44%
2023	Jul	Jul-23	99.27%	0.69%	0.04%	0.00%	100.00%	4.31%	0.35%	3.24%	12.14%	0.45%
2023	Aug	Aug-23	99.29%	0.67%	0.04%	0.00%	100.00%	4.02%	1.03%	3.24%	11.73%	0.39%
2023	Sep	Sep-23	99.17%	0.78%	0.04%	0.00%	100.00%	3.70%	1.43%	3.31%	13.30%	0.39%
2023	Oct	Oct-23	99.25%	0.71%	0.04%	0.00%	100.00%	3.90%	1.57%	3.21%	12.75%	0.41%
2023	Nov	Nov-23	90.51%	0.04%	5.98%	3.48%	100.00%	4.17%	1.66%	3.17%	10.94%	0.42%
2023	Dec	Dec-23	90.89%	0.04%	6.02%	3.05%	100.00%	4.91%	2.00%	3.27%	10.39%	0.48%

Update links below in all r

Sales Forecast Allc

			7	7		[redacted]	1	1
			Other Sales to Public Authority GSD	Other Sales to Public Authority CS			Residential Sales RS	Residential Sales LS
			Percent Historical Billed kWh	Percent Historical Billed kWh			Percent Historical Customers	Percent Historical Customers
Year	Month	Date						
2023	All				[redacted]			
2023	Jan	Jan-23	76.43%	0.61%	100.00%		99.90%	0.10%
2023	Feb	Feb-23	75.95%	0.56%	100.00%		99.90%	0.10%
2023	Mar	Mar-23	76.07%	0.53%	100.00%		99.91%	0.09%
2023	Apr	Apr-23	76.69%	0.55%	100.00%		99.91%	0.09%
2023	May	May-23	77.10%	0.47%	100.00%		99.91%	0.09%
2023	Jun	Jun-23	77.58%	0.50%	100.00%		99.91%	0.09%
2023	Jul	Jul-23	79.03%	0.49%	100.00%		99.91%	0.09%
2023	Aug	Aug-23	79.07%	0.52%	100.00%		99.91%	0.09%
2023	Sep	Sep-23	77.43%	0.43%	100.00%		99.91%	0.09%
2023	Oct	Oct-23	77.74%	0.42%	100.00%		99.91%	0.09%
2023	Nov	Nov-23	79.18%	0.46%	100.00%		97.79%	2.21%
2023	Dec	Dec-23	78.41%	0.53%	100.00%		97.81%	2.19%

Update links below in all r

Sales Forecast Allc

				3	3	3	3	3	3	3	3	
				Commercial Sales LS	Commercial Sales SS-1	Commercial Sales SS-3	Commercial Sales IS	Commercial Sales GS-1	Commercial Sales GS-2	Commercial Sales GSD	Commercial Sales CS	
Year	Month	Date		Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	
2023	All											
2023	Jan	Jan-23	100.00%	3.54%	0.00%	0.00%	0.04%	66.43%	6.47%	23.51%	0.00%	100.00%
2023	Feb	Feb-23	100.00%	3.51%	0.00%	0.00%	0.04%	66.49%	6.52%	23.44%	0.00%	100.00%
2023	Mar	Mar-23	100.00%	3.23%	0.00%	0.00%	0.04%	66.60%	6.52%	23.61%	0.00%	100.00%
2023	Apr	Apr-23	100.00%	3.35%	0.00%	0.00%	0.04%	66.65%	6.55%	23.42%	0.00%	100.00%
2023	May	May-23	100.00%	3.34%	0.00%	0.00%	0.04%	66.66%	6.57%	23.39%	0.00%	100.00%
2023	Jun	Jun-23	100.00%	3.49%	0.00%	0.00%	0.04%	66.75%	6.46%	23.27%	0.00%	100.00%
2023	Jul	Jul-23	100.00%	3.50%	0.00%	0.00%	0.04%	66.73%	6.45%	23.29%	0.00%	100.00%
2023	Aug	Aug-23	100.00%	3.49%	0.00%	0.00%	0.04%	66.73%	6.51%	23.24%	0.00%	100.00%
2023	Sep	Sep-23	100.00%	3.34%	0.00%	0.00%	0.04%	66.89%	6.51%	23.22%	0.00%	100.00%
2023	Oct	Oct-23	100.00%	3.34%	0.00%	0.00%	0.04%	66.91%	6.51%	23.20%	0.00%	100.00%
2023	Nov	Nov-23	100.00%	10.18%	0.00%	0.00%	0.04%	62.10%	5.95%	21.73%	0.00%	99.99%
2023	Dec	Dec-23	100.00%	9.85%	0.00%	0.00%	0.04%	62.29%	6.00%	21.79%	0.01%	99.97%

Update links below in all r

Sales Forecast Allc

			5	5	5	5	5	5	5	5	5	
			Industrial Service LS	Industrial Service SS-1	Industrial Service SS-2	Industrial Service SS-3	Industrial Service IS	Industrial Service GS-1	Industrial Service GS-2	Industrial Service GSD	Industrial Service CS	
Year	Month	Date	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	
2023	All											
2023	Jan	Jan-23	3.37%	0.21%	0.16%	0.05%	4.38%	40.35%	0.00%	51.42%	0.05%	100.00%
2023	Feb	Feb-23	3.12%	0.21%	0.11%	0.11%	4.44%	40.73%	0.00%	51.19%	0.11%	100.00%
2023	Mar	Mar-23	2.97%	0.10%	0.25%	0.05%	4.83%	40.62%	0.00%	51.13%	0.05%	100.00%
2023	Apr	Apr-23	2.98%	0.15%	0.15%	0.05%	4.37%	40.70%	0.00%	51.54%	0.05%	100.00%
2023	May	May-23	3.04%	0.10%	0.10%	0.05%	4.48%	40.71%	0.00%	51.47%	0.05%	100.00%
2023	Jun	Jun-23	3.19%	0.16%	0.16%	0.05%	4.37%	41.11%	0.00%	50.91%	0.05%	100.00%
2023	Jul	Jul-23	3.38%	0.11%	0.11%	0.00%	4.25%	40.72%	0.00%	51.44%	0.00%	100.00%
2023	Aug	Aug-23	3.23%	0.16%	0.16%	0.05%	4.44%	40.98%	0.00%	50.93%	0.05%	100.00%
2023	Sep	Sep-23	0.09%	0.26%	0.35%	1.49%	7.44%	86.51%	0.00%	3.68%	0.18%	100.00%
2023	Oct	Oct-23	3.09%	0.10%	0.15%	0.05%	4.58%	41.15%	0.00%	50.82%	0.05%	100.00%
2023	Nov	Nov-23	15.39%	0.17%	0.13%	0.09%	5.06%	34.71%	0.00%	44.40%	0.04%	100.00%
2023	Dec	Dec-23	14.65%	0.09%	0.13%	0.04%	4.82%	35.33%	0.00%	44.89%	0.04%	100.00%

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Sales Forecast Allc

			6	6	6	6		7	7	7	7	7
			Public Street & Highway Lighting LS	Public Street & Highway Lighting GS-1	Public Street & Highway Lighting GS-2	Public Street & Highway Lighting GSD		Other Sales to Public Authority LS	Other Sales to Public Authority SS-1	Other Sales to Public Authority IS	Other Sales to Public Authority GS-1	Other Sales to Public Authority GS-2
			Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers		Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers	Percent Historical Customers
Year	Month	Date										
2023	All											
2023	Jan	Jan-23	99.26%	0.60%	0.13%	0.00%	100.00%	19.17%	0.02%	0.12%	52.81%	12.33%
2023	Feb	Feb-23	99.26%	0.61%	0.14%	0.00%	100.00%	18.87%	0.02%	0.12%	53.03%	12.43%
2023	Mar	Mar-23	99.26%	0.60%	0.13%	0.00%	100.00%	18.21%	0.02%	0.11%	53.75%	12.18%
2023	Apr	Apr-23	99.26%	0.61%	0.13%	0.00%	100.00%	18.49%	0.02%	0.11%	53.31%	12.32%
2023	May	May-23	99.26%	0.61%	0.13%	0.00%	100.00%	18.47%	0.02%	0.12%	53.41%	12.27%
2023	Jun	Jun-23	99.26%	0.61%	0.14%	0.00%	100.00%	18.85%	0.02%	0.12%	53.04%	12.36%
2023	Jul	Jul-23	99.26%	0.61%	0.14%	0.00%	100.00%	19.23%	0.02%	0.13%	52.75%	12.38%
2023	Aug	Aug-23	99.25%	0.61%	0.14%	0.00%	100.00%	18.83%	0.02%	0.12%	53.01%	12.41%
2023	Sep	Sep-23	99.26%	0.61%	0.14%	0.00%	100.00%	18.45%	0.02%	0.12%	53.43%	12.32%
2023	Oct	Oct-23	99.26%	0.61%	0.14%	0.00%	100.00%	18.48%	0.02%	0.11%	53.45%	12.24%
2023	Nov	Nov-23	82.48%	0.26%	16.94%	0.31%	100.00%	22.34%	0.02%	0.14%	50.80%	10.78%
2023	Dec	Dec-23	81.69%	0.27%	17.76%	0.27%	100.00%	21.42%	0.02%	0.13%	51.77%	11.02%

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Sales Forecast Allc

			7	7			1	1			3	3	3
			Other Sales to Public Authority GSD	Other Sales to Public Authority CS			Residential Sales RS	Residential Sales LS	Residential Sales Total		Commercial Sales LS	Commercial Sales SS-1	Commercial Sales SS-3
			Percent Historical Customers	Percent Historical Customers			Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh		Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh
Year	Month	Date											
2023	All						21,187,002	24,394	21,211,395		138,886	4,680	-
2023	Jan	Jan-23	15.55%	0.01%	100.00%		1,602,524	1,975	1,604,499		12,385	482	-
2023	Feb	Feb-23	15.54%	0.01%	100.00%		1,275,578	1,687	1,277,264		11,663	379	-
2023	Mar	Mar-23	15.71%	0.01%	100.00%		1,389,372	2,058	1,391,430		10,681	347	-
2023	Apr	Apr-23	15.74%	0.01%	100.00%		1,477,710	2,035	1,479,746		11,299	296	-
2023	May	May-23	15.71%	0.01%	100.00%		1,958,078	2,377	1,960,455		11,624	310	-
2023	Jun	Jun-23	15.59%	0.01%	100.00%		2,227,666	2,230	2,229,897		11,696	398	-
2023	Jul	Jul-23	15.48%	0.01%	100.00%		2,415,127	2,345	2,417,472		11,997	345	-
2023	Aug	Aug-23	15.61%	0.00%	100.00%		2,328,810	2,160	2,330,970		12,353	347	-
2023	Sep	Sep-23	15.66%	0.01%	100.00%		1,995,223	1,773	1,996,996		11,066	324	-
2023	Oct	Oct-23	15.70%	0.01%	100.00%		1,627,209	1,664	1,628,873		11,331	368	-
2023	Nov	Nov-23	15.91%	0.01%	100.00%		1,272,017	1,660	1,273,677		11,130	539	-
2023	Dec	Dec-23	15.63%	0.01%	100.00%		1,617,687	2,429	1,620,116		11,662	545	-

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Sales Forecast Allc

			3	3	3	3	3	3		5	5	5
			Commercial Sales IS	Commercial Sales GS-1	Commercial Sales GS-2	Commercial Sales GSD	Commercial Sales CS	Commercial Sales Total		Industrial Service LS	Industrial Service SS-1	Industrial Service SS-2
Year	Month	Date	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh		Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh
2023	All		363,534	1,759,151	192,356	9,196,190	2	11,654,814		2,536	20,980	67,856
2023	Jan	Jan-23	26,868	116,864	16,678	691,678	-	864,955		210	1,730	4,031
2023	Feb	Feb-23	24,628	112,098	15,081	620,653	-	784,502		197	3,030	3,138
2023	Mar	Mar-23	25,503	114,257	14,811	639,025	-	804,625		225	1,041	10,626
2023	Apr	Apr-23	26,694	129,791	15,496	689,261	-	872,836		196	1,204	11,031
2023	May	May-23	29,279	138,280	15,636	755,303	-	950,433		257	1,814	5,956
2023	Jun	Jun-23	33,207	169,427	16,350	836,284	-	1,067,361		203	1,543	7,984
2023	Jul	Jul-23	33,629	174,512	17,009	889,827	-	1,127,319		216	970	5,149
2023	Aug	Aug-23	36,640	183,099	16,654	917,026	-	1,166,118		223	1,625	4,399
2023	Sep	Sep-23	34,147	182,097	16,299	887,427	-	1,131,360		199	1,998	7,021
2023	Oct	Oct-23	33,282	168,150	16,235	837,069	-	1,066,435		208	1,031	2,309
2023	Nov	Nov-23	30,880	143,432	16,012	747,025	-	949,020		204	2,586	2,359
2023	Dec	Dec-23	28,776	127,145	16,096	685,613	2	869,850		198	2,408	3,854

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Sales Forecast Allc

			5	5	5	5	5	5	5		6	6
			Industrial Service SS-3	Industrial Service IS	Industrial Service GS-1	Industrial Service GS-2	Industrial Service GSD	Industrial Service CS	Industrial Service Total		Public Street & Highway Lighting LS	Public Street & Highway Lighting GS-1
Year	Month	Date	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh		Forecast Billed kWh	Forecast Billed kWh
2023	All		81,829	2,070,839	70,733	-	1,064,704	44,966	3,424,443		21,097	128
2023	Jan	Jan-23	7,356	164,616	4,773	-	76,590	4,177	263,483		1,787	13
2023	Feb	Feb-23	10,773	159,771	5,074	-	79,833	6,812	268,628		1,788	12
2023	Mar	Mar-23	880	182,113	5,752	-	85,832	381	286,850		1,786	12
2023	Apr	Apr-23	8,112	172,660	5,240	-	82,390	3,456	284,289		1,784	13
2023	May	May-23	3,719	161,318	6,798	-	107,884	4,395	292,140		1,785	12
2023	Jun	Jun-23	5,187	191,316	5,732	-	82,623	3,220	297,808		1,785	12
2023	Jul	Jul-23	5,290	177,888	6,106	-	95,228	4,099	294,946		1,784	12
2023	Aug	Aug-23	5,675	178,154	7,255	-	99,901	3,873	301,105		1,783	12
2023	Sep	Sep-23	6,636	174,375	6,599	-	92,397	3,622	292,847		1,781	14
2023	Oct	Oct-23	10,111	167,736	6,486	-	94,947	3,703	286,531		1,781	13
2023	Nov	Nov-23	8,662	169,258	6,089	-	90,034	3,827	283,020		1,624	1
2023	Dec	Dec-23	9,428	171,632	4,829	-	77,046	3,401	272,796		1,630	1

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Sales Forecast Allc

			6	6	6		7	7	7	7	7	7
			Public Street & Highway Lighting GS-2	Public Street & Highway Lighting GSD	Public Street & Highway Lighting Total		Other Sales to Public Authority LS	Other Sales to Public Authority SS-1	Other Sales to Public Authority IS	Other Sales to Public Authority GS-1	Other Sales to Public Authority GS-2	Other Sales to Public Authority GSD
Year	Month	Date	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh		Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh
2023	All		223	117	21,565		143,732	44,521	106,278	396,200	14,650	2,500,980
2023	Jan	Jan-23	1	-	1,801		13,020	5,024	9,025	27,969	1,352	187,705
2023	Feb	Feb-23	1	-	1,800		12,696	4,224	8,272	29,233	1,247	179,992
2023	Mar	Mar-23	1	-	1,800		11,721	4,658	7,928	31,037	1,231	183,965
2023	Apr	Apr-23	1	-	1,799		11,913	4,608	8,392	31,278	1,229	193,524
2023	May	May-23	1	-	1,798		11,999	2,527	8,557	35,562	1,187	205,624
2023	Jun	Jun-23	1	-	1,797		12,145	980	9,135	38,505	1,244	219,486
2023	Jul	Jul-23	1	-	1,797		12,051	972	9,041	33,913	1,246	220,711
2023	Aug	Aug-23	1	-	1,796		11,746	3,005	9,486	34,316	1,150	231,271
2023	Sep	Sep-23	1	-	1,795		11,489	4,455	10,286	41,304	1,224	240,484
2023	Oct	Oct-23	1	-	1,795		11,609	4,664	9,558	37,961	1,222	231,517
2023	Nov	Nov-23	107	62	1,794		11,261	4,496	8,551	29,561	1,129	213,865
2023	Dec	Dec-23	108	55	1,793		12,082	4,907	8,046	25,562	1,188	192,834

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Sales Forecast Allc

Year	Month	Date	Other Sales to Public Authority CS	Other Sales to Public Authority Total	Total Total	Total RS	Total GS-1	Total GS-2	Total GSD	Total IS
			Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh
2023	All		16,223	3,222,584	39,534,786	21,187,002	2,226,212	207,230	12,761,991	2,540,650
2023	Jan	Jan-23	1,502	245,597	2,980,335	1,602,524	149,619	18,031	955,974	200,510
2023	Feb	Feb-23	1,321	236,986	2,569,181	1,275,578	146,417	16,329	880,478	192,672
2023	Mar	Mar-23	1,288	241,828	2,726,532	1,389,372	151,058	16,043	908,822	215,544
2023	Apr	Apr-23	1,397	252,342	2,891,011	1,477,710	166,322	16,726	965,175	207,745
2023	May	May-23	1,251	266,707	3,471,533	1,958,078	180,652	16,824	1,068,811	199,154
2023	Jun	Jun-23	1,425	282,920	3,879,783	2,227,666	213,675	17,595	1,138,393	233,659
2023	Jul	Jul-23	1,357	279,292	4,120,825	2,415,127	214,543	18,255	1,205,766	220,559
2023	Aug	Aug-23	1,528	292,502	4,092,492	2,328,810	224,681	17,805	1,248,198	224,280
2023	Sep	Sep-23	1,345	310,588	3,733,586	1,995,223	230,015	17,523	1,220,308	218,809
2023	Oct	Oct-23	1,263	297,795	3,281,429	1,627,209	212,610	17,458	1,163,533	210,577
2023	Nov	Nov-23	1,246	270,109	2,777,617	1,272,017	179,083	17,248	1,050,987	208,689
2023	Dec	Dec-23	1,299	245,920	3,010,463	1,617,687	157,537	17,392	955,548	208,454

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Sales Forecast Allc

			Total CS	Total LS	Total SS-1	Total SS-2	Total SS-3		1 Residential Sales RS	1 Residential Sales LS	Residential Sales Total
Year	Month	Date	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh	Forecast Billed kWh		Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh
2023	All		61,191	330,646	70,181	67,856	81,829		21,072,757	24,231	21,096,988
2023	Jan	Jan-23	5,679	29,377	7,236	4,031	7,356		1,634,130	2,014	1,636,144
2023	Feb	Feb-23	8,133	28,030	7,633	3,138	10,773		1,339,357	1,771	1,341,128
2023	Mar	Mar-23	1,669	26,471	6,046	10,626	880		1,378,694	2,042	1,380,736
2023	Apr	Apr-23	4,853	27,227	6,109	11,031	8,112		1,415,195	1,949	1,417,144
2023	May	May-23	5,647	28,042	4,651	5,956	3,719		1,860,174	2,258	1,862,432
2023	Jun	Jun-23	4,645	28,059	2,921	7,984	5,187		2,139,813	2,142	2,141,955
2023	Jul	Jul-23	5,456	28,392	2,288	5,149	5,290		2,312,050	2,245	2,314,295
2023	Aug	Aug-23	5,401	28,266	4,977	4,399	5,675		2,317,371	2,150	2,319,520
2023	Sep	Sep-23	4,967	26,308	6,777	7,021	6,636		2,094,984	1,862	2,096,846
2023	Oct	Oct-23	4,967	26,593	6,063	2,309	10,111		1,708,570	1,747	1,710,317
2023	Nov	Nov-23	5,073	25,879	7,621	2,359	8,662		1,335,617	1,743	1,337,361
2023	Dec	Dec-23	4,702	28,001	7,861	3,854	9,428		1,536,803	2,308	1,539,110

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Sales Forecast Allc

Year	Month	Date	Commercial Sales LS Forecast Calendar kWh	Commercial Sales SS-1 Forecast Calendar kWh	Commercial Sales SS-3 Forecast Calendar kWh	Commercial Sales IS Forecast Calendar kWh	Commercial Sales GS-1 Forecast Calendar kWh	Commercial Sales GS-2 Forecast Calendar kWh	Commercial Sales GSD Forecast Calendar kWh
2023	All		138,967	4,647	-	363,164	1,757,341	192,345	9,193,268
2023	Jan	Jan-23	11,949	465	-	25,920	112,741	16,090	667,280
2023	Feb	Feb-23	11,446	372	-	24,169	110,008	14,799	609,079
2023	Mar	Mar-23	11,541	375	-	27,558	123,460	16,004	690,499
2023	Apr	Apr-23	11,897	312	-	28,108	136,666	16,316	725,770
2023	May	May-23	12,864	343	-	32,401	153,026	17,304	835,846
2023	Jun	Jun-23	12,006	408	-	34,089	173,925	16,784	858,486
2023	Jul	Jul-23	12,274	353	-	34,408	178,551	17,402	910,426
2023	Aug	Aug-23	12,237	344	-	36,298	181,390	16,499	908,466
2023	Sep	Sep-23	10,681	313	-	32,960	175,768	15,732	856,580
2023	Oct	Oct-23	10,738	349	-	31,541	159,352	15,386	793,272
2023	Nov	Nov-23	10,015	485	-	27,786	129,061	14,407	672,178
2023	Dec	Dec-23	11,318	529	-	27,927	123,394	15,621	665,386

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Sales Forecast Allc

			3	3		5	5	5	5	5
			Commercial Sales CS	Commercial Sales Total		Industrial Service LS	Industrial Service SS-1	Industrial Service SS-2	Industrial Service SS-3	Industrial Service IS
Year	Month	Date	Forecast Calendar kWh	Forecast Calendar kWh		Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh
2023	All		2	11,649,748		2,536	20,976	67,840	81,811	2,070,376
2023	Jan	Jan-23	-	834,446		210	1,730	4,030	7,355	164,597
2023	Feb	Feb-23	-	769,873		197	3,030	3,138	10,772	159,751
2023	Mar	Mar-23	-	869,437		225	1,041	10,624	879	182,081
2023	Apr	Apr-23	-	919,070		196	1,204	11,028	8,110	172,606
2023	May	May-23	-	1,051,783		257	1,813	5,954	3,717	161,266
2023	Jun	Jun-23	-	1,095,698		203	1,543	7,982	5,186	191,268
2023	Jul	Jul-23	-	1,153,415		216	970	5,148	5,288	177,844
2023	Aug	Aug-23	-	1,155,233		223	1,625	4,398	5,674	178,115
2023	Sep	Sep-23	-	1,092,034		199	1,997	7,018	6,634	174,324
2023	Oct	Oct-23	-	1,010,637		208	1,031	2,308	10,108	167,690
2023	Nov	Nov-23	-	853,934		204	2,585	2,359	8,661	169,227
2023	Dec	Dec-23	2	844,189		198	2,408	3,853	9,427	171,608

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Sales Forecast Allc

			5	5	5	5	5		6	6
			Industrial Service GS-1	Industrial Service GS-2	Industrial Service GSD	Industrial Service CS	Industrial Service Total		Public Street & Highway Lighting LS	Public Street & Highway Lighting GS-1
Year	Month	Date	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh		Forecast Calendar kWh	Forecast Calendar kWh
2023	All		70,717	-	1,064,462	44,956	3,423,673		21,097	128
2023	Jan	Jan-23	4,772	-	76,581	4,177	263,452		1,787	13
2023	Feb	Feb-23	5,073	-	79,822	6,811	268,594		1,788	12
2023	Mar	Mar-23	5,751	-	85,817	381	286,800		1,786	12
2023	Apr	Apr-23	5,238	-	82,365	3,455	284,201		1,784	13
2023	May	May-23	6,796	-	107,849	4,394	292,046		1,785	12
2023	Jun	Jun-23	5,730	-	82,602	3,219	297,732		1,785	12
2023	Jul	Jul-23	6,104	-	95,204	4,098	294,872		1,784	12
2023	Aug	Aug-23	7,253	-	99,880	3,872	301,040		1,783	12
2023	Sep	Sep-23	6,597	-	92,369	3,621	292,760		1,781	14
2023	Oct	Oct-23	6,485	-	94,921	3,702	286,451		1,781	13
2023	Nov	Nov-23	6,088	-	90,017	3,826	282,967		1,624	1
2023	Dec	Dec-23	4,828	-	77,035	3,400	272,757		1,630	1

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Sales Forecast Allc

			6	6	6		7	7	7	7
			Public Street & Highway Lighting GS-2	Public Street & Highway Lighting GSD	Public Street & Highway Lighting Total		Other Sales to Public Authority LS	Other Sales to Public Authority SS-1	Other Sales to Public Authority IS	Other Sales to Public Authority GS-1
Year	Month	Date	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh		Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh
2023	All		223	117	21,565		143,492	43,985	105,863	395,342
2023	Jan	Jan-23	1	-	1,801		12,805	4,941	8,877	27,509
2023	Feb	Feb-23	1	-	1,800		12,842	4,273	8,368	29,570
2023	Mar	Mar-23	1	-	1,800		11,992	4,766	8,111	31,756
2023	Apr	Apr-23	1	-	1,799		12,408	4,799	8,741	32,577
2023	May	May-23	1	-	1,798		12,996	2,738	9,269	38,518
2023	Jun	Jun-23	1	-	1,797		12,587	1,016	9,468	39,907
2023	Jul	Jul-23	1	-	1,797		12,810	1,034	9,610	36,049
2023	Aug	Aug-23	1	-	1,796		10,746	2,749	8,678	31,393
2023	Sep	Sep-23	1	-	1,795		11,163	4,328	9,994	40,130
2023	Oct	Oct-23	1	-	1,795		10,865	4,365	8,945	35,527
2023	Nov	Nov-23	107	62	1,794		10,354	4,134	7,862	27,180
2023	Dec	Dec-23	108	55	1,793		11,924	4,843	7,940	25,228

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Sales Forecast Allc

			7	7	7	7					
			Other Sales to Public Authority GS-2	Other Sales to Public Authority GSD	Other Sales to Public Authority CS	Other Sales to Public Authority Total		Total Total	Total RS	Total GS-1	Total GS-2
Year	Month	Date	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh		Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh	Forecast Calendar kWh
2023	All		14,626	2,490,116	16,176	3,209,601		39,401,561	21,072,757	2,223,528	207,195
2023	Jan	Jan-23	1,329	184,617	1,477	241,556		2,977,399	1,634,130	145,036	17,420
2023	Feb	Feb-23	1,262	182,063	1,336	239,713		2,621,108	1,339,357	144,663	16,062
2023	Mar	Mar-23	1,260	188,226	1,317	247,429		2,786,203	1,378,694	160,980	17,265
2023	Apr	Apr-23	1,280	201,561	1,455	262,821		2,885,034	1,415,195	174,495	17,598
2023	May	May-23	1,285	222,717	1,355	288,878		3,496,937	1,860,174	198,352	18,590
2023	Jun	Jun-23	1,289	227,478	1,477	293,221		3,830,404	2,139,813	219,574	18,074
2023	Jul	Jul-23	1,324	234,609	1,443	296,879		4,061,258	2,312,050	220,717	18,728
2023	Aug	Aug-23	1,052	211,572	1,398	267,587		4,045,176	2,317,371	220,047	17,552
2023	Sep	Sep-23	1,189	233,648	1,307	301,758		3,785,194	2,094,984	222,509	16,922
2023	Oct	Oct-23	1,144	216,673	1,182	278,702		3,287,902	1,708,570	201,376	16,530
2023	Nov	Nov-23	1,038	196,640	1,146	248,353		2,724,406	1,335,617	162,330	15,553
2023	Dec	Dec-23	1,173	190,312	1,282	242,704		2,900,541	1,536,803	153,451	16,902

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Sales Forecast Allc

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Year	Month	Date	Total GSD Forecast Calendar kWh	Total IS Forecast Calendar kWh	Total CS Forecast Calendar kWh	Total LS Forecast Calendar kWh	Total SS-1 Forecast Calendar kWh	Total SS-2 Forecast Calendar kWh	Total SS-3 Forecast Calendar kWh	[redacted]	Residential Sales RS Forecast Customers
2023	All		12,747,963	2,539,403	61,134	330,323	69,608	67,840	81,811		20,961,447
2023	Jan	Jan-23	928,479	199,394	5,654	28,765	7,136	4,030	7,355		1,736,036
2023	Feb	Feb-23	870,965	192,287	8,147	28,043	7,674	3,138	10,772		1,739,167
2023	Mar	Mar-23	964,542	217,750	1,699	27,587	6,182	10,624	879		1,742,504
2023	Apr	Apr-23	1,009,696	209,454	4,910	28,234	6,316	11,028	8,110		1,745,578
2023	May	May-23	1,166,412	202,936	5,749	30,160	4,893	5,954	3,717		1,748,688
2023	Jun	Jun-23	1,168,566	234,824	4,696	28,723	2,966	7,982	5,186		1,751,713
2023	Jul	Jul-23	1,240,238	221,862	5,541	29,329	2,357	5,148	5,288		1,754,761
2023	Aug	Aug-23	1,219,917	223,091	5,270	27,139	4,717	4,398	5,674		1,757,689
2023	Sep	Sep-23	1,182,597	217,278	4,928	25,686	6,638	7,018	6,634		1,760,657
2023	Oct	Oct-23	1,104,865	208,176	4,885	25,339	5,744	2,308	10,108		1,763,595
2023	Nov	Nov-23	958,897	204,874	4,972	23,939	7,204	2,359	8,661		1,728,937
2023	Dec	Dec-23	932,789	207,475	4,684	27,377	7,780	3,853	9,427		1,732,122

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Sales Forecast Allc

			1			3	3	3	3	3
			Residential Sales LS	Residential Sales Total		Commercial Sales LS	Commercial Sales SS-1	Commercial Sales SS-3	Commercial Sales IS	Commercial Sales GS-1
Year	Month	Date	Forecast Customers	Forecast Customers		Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers
2023	All		93,678	21,055,125		100,860	38	-	855	1,471,410
2023	Jan	Jan-23	1,691	1,737,727		6,547	3	-	70	122,698
2023	Feb	Feb-23	1,703	1,740,870		6,493	3	-	71	123,046
2023	Mar	Mar-23	1,494	1,743,998		5,977	3	-	73	123,335
2023	Apr	Apr-23	1,534	1,747,112		6,206	3	-	70	123,532
2023	May	May-23	1,524	1,750,212		6,204	3	-	72	123,750
2023	Jun	Jun-23	1,586	1,753,299		6,488	2	-	71	124,047
2023	Jul	Jul-23	1,610	1,756,371		6,512	3	-	71	124,228
2023	Aug	Aug-23	1,613	1,759,302		6,506	3	-	70	124,360
2023	Sep	Sep-23	1,562	1,762,219		6,229	3	-	72	124,799
2023	Oct	Oct-23	1,526	1,765,122		6,241	3	-	73	124,925
2023	Nov	Nov-23	39,073	1,768,010		19,045	4	-	70	116,209
2023	Dec	Dec-23	38,762	1,770,884		18,412	4	-	69	116,480

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Sales Forecast Allc

			3	3	3	3		5	5	5	5
			Commercial Sales GS-2	Commercial Sales GSD	Commercial Sales CS	Commercial Sales Total		Industrial Service LS	Industrial Service SS-1	Industrial Service SS-2	Industrial Service SS-3
Year	Month	Date	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers		Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers
2023	All		143,212	515,311	11	2,231,771		1,134	36	38	41
2023	Jan	Jan-23	11,955	43,432	-	184,705		66	4	3	1
2023	Feb	Feb-23	12,068	43,381	-	185,062		61	4	2	2
2023	Mar	Mar-23	12,076	43,712	-	185,176		58	2	5	1
2023	Apr	Apr-23	12,142	43,403	-	185,357		58	3	3	1
2023	May	May-23	12,197	43,424	-	185,651		59	2	2	1
2023	Jun	Jun-23	12,001	43,239	-	185,850		62	3	3	1
2023	Jul	Jul-23	12,005	43,350	-	186,169		66	2	2	-
2023	Aug	Aug-23	12,126	43,309	-	186,376		63	3	3	1
2023	Sep	Sep-23	12,137	43,331	-	186,571		2	5	7	29
2023	Oct	Oct-23	12,159	43,319	-	186,720		60	2	3	1
2023	Nov	Nov-23	11,127	40,660	-	187,130		298	3	3	2
2023	Dec	Dec-23	11,219	40,752	11	187,006		284	2	3	1

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Sales Forecast Allc

			5	5	5	5	5	5		6
			Industrial Service IS	Industrial Service GS-1	Industrial Service GS-2	Industrial Service GSD	Industrial Service CS	Industrial Service Total		Public Street & Highway Lighting LS
Year	Month	Date	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers		Forecast Customers
2023	All		1,115	10,166	-	10,754	14	23,298		17,068
2023	Jan	Jan-23	85	786	-	1,001	1	1,947		1,467
2023	Feb	Feb-23	86	793	-	996	2	1,946		1,467
2023	Mar	Mar-23	94	790	-	995	1	1,945		1,466
2023	Apr	Apr-23	85	791	-	1,002	1	1,944		1,466
2023	May	May-23	87	791	-	1,000	1	1,943		1,465
2023	Jun	Jun-23	85	798	-	989	1	1,942		1,465
2023	Jul	Jul-23	82	790	-	999	-	1,941		1,464
2023	Aug	Aug-23	86	795	-	988	1	1,940		1,464
2023	Sep	Sep-23	144	1,678	-	71	3	1,939		1,463
2023	Oct	Oct-23	89	798	-	985	1	1,938		1,463
2023	Nov	Nov-23	98	672	-	860	1	1,937		1,215
2023	Dec	Dec-23	93	684	-	869	1	1,936		1,203

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Sales Forecast Allc

			6	6	6	6		7	7	7
			Public Street & Highway Lighting GS-1	Public Street & Highway Lighting GS-2	Public Street & Highway Lighting GSD	Public Street & Highway Lighting Total		Other Sales to Public Authority LS	Other Sales to Public Authority SS-1	Other Sales to Public Authority IS
Year	Month	Date	Forecast Customers	Forecast Customers	Forecast Customers	Forecast Customers		Forecast Customers	Forecast Customers	Forecast Customers
2023	All		97	531	9	17,705		59,962	51	376
2023	Jan	Jan-23	9	2	-	1,478		4,961	4	31
2023	Feb	Feb-23	9	2	-	1,478		4,886	4	30
2023	Mar	Mar-23	9	2	-	1,477		4,720	5	29
2023	Apr	Apr-23	9	2	-	1,477		4,795	4	29
2023	May	May-23	9	2	-	1,476		4,793	4	30
2023	Jun	Jun-23	9	2	-	1,476		4,895	4	32
2023	Jul	Jul-23	9	2	-	1,475		4,998	4	34
2023	Aug	Aug-23	9	2	-	1,475		4,897	4	31
2023	Sep	Sep-23	9	2	-	1,474		4,802	4	30
2023	Oct	Oct-23	9	2	-	1,474		4,812	4	29
2023	Nov	Nov-23	4	250	5	1,473		5,820	5	36
2023	Dec	Dec-23	4	261	4	1,472		5,584	4	35

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Sales Forecast Allc

Year	Month	Date	Other Sales to Public Authority GS-1 Forecast Customers	Other Sales to Public Authority GS-2 Forecast Customers	Other Sales to Public Authority GSD Forecast Customers	Other Sales to Public Authority CS Forecast Customers	Other Sales to Public Authority Total Forecast Customers	Total Total Forecast Customers	Total RS Forecast Customers
2023	All		164,833	37,674	48,792	24	311,713	1,969,961	1,746,787
2023	Jan	Jan-23	13,665	3,191	4,023	2	25,877	1,951,734	1,736,036
2023	Feb	Feb-23	13,732	3,218	4,023	2	25,895	1,955,251	1,739,167
2023	Mar	Mar-23	13,929	3,156	4,072	2	25,913	1,958,509	1,742,504
2023	Apr	Apr-23	13,825	3,195	4,080	2	25,931	1,961,821	1,745,578
2023	May	May-23	13,859	3,185	4,076	2	25,949	1,965,231	1,748,688
2023	Jun	Jun-23	13,773	3,211	4,049	2	25,967	1,968,533	1,751,713
2023	Jul	Jul-23	13,708	3,218	4,022	2	25,985	1,971,941	1,754,761
2023	Aug	Aug-23	13,785	3,226	4,059	1	26,003	1,975,095	1,757,689
2023	Sep	Sep-23	13,902	3,205	4,076	2	26,021	1,978,224	1,760,657
2023	Oct	Oct-23	13,917	3,186	4,089	2	26,039	1,981,293	1,763,595
2023	Nov	Nov-23	13,238	2,810	4,146	2	26,057	1,984,592	1,728,937
2023	Dec	Dec-23	13,500	2,873	4,076	2	26,076	1,987,313	1,732,122

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Sales Forecast Allc

Year	Month	Date	Total GS-1 Forecast Customers	Total GS-2 Forecast Customers	Total GSD Forecast Customers	Total IS Forecast Customers	Total CS Forecast Customers	Total LS Forecast Customers	Total SS-1 Forecast Customers	Total SS-2 Forecast Customers	Total SS-3 Forecast Customers
2023	All		137,209	15,118	47,905	196	4	22,725	10	3	3
2023	Jan	Jan-23	137,157	15,148	48,456	186	3	14,731	12	3	1
2023	Feb	Feb-23	137,579	15,288	48,400	187	4	14,609	12	2	2
2023	Mar	Mar-23	138,063	15,234	48,778	196	3	13,714	10	5	1
2023	Apr	Apr-23	138,158	15,339	48,485	185	3	14,060	10	3	1
2023	May	May-23	138,409	15,383	48,500	190	3	14,046	9	2	1
2023	Jun	Jun-23	138,628	15,214	48,277	188	3	14,496	10	3	1
2023	Jul	Jul-23	138,735	15,225	48,370	187	2	14,649	10	2	-
2023	Aug	Aug-23	138,949	15,354	48,356	187	2	14,542	11	3	1
2023	Sep	Sep-23	140,388	15,344	47,478	247	5	14,057	12	7	29
2023	Oct	Oct-23	139,649	15,347	48,392	192	3	14,101	9	3	1
2023	Nov	Nov-23	130,124	14,186	45,671	204	3	65,452	12	3	2
2023	Dec	Dec-23	130,668	14,354	45,701	197	14	64,245	9	3	1

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Sales Forecast Allo

Year	Month	Date	[redacted]
2023	All		
2023	Jan	Jan-23	
2023	Feb	Feb-23	
2023	Mar	Mar-23	
2023	Apr	Apr-23	
2023	May	May-23	
2023	Jun	Jun-23	
2023	Jul	Jul-23	
2023	Aug	Aug-23	
2023	Sep	Sep-23	
2023	Oct	Oct-23	
2023	Nov	Nov-23	
2023	Dec	Dec-23	

Rate Code	Business Area	ADID	Rate Category	Billed Accounts	Total KWH	Non TOU/ Off Peak KWH	On Peak KWH	Customer Charge	Energy Charge	Non TOU/ Off Peak Energy	On Peak Energy	Billed Metering Voltage Adjustment
1	Florida	Residential Sales		1,204,340	15,406,811,958	15,406,811,958	-	167,486,214	1,049,934,688	971,703,837	78,230,851	-
17	Florida	Residential Sales		7,676	24,372,823	24,372,823	-	694,439	659,231	587,103	72,128	-
51	Florida	Residential Sales		27	518,498	377,729	140,768	6,078	31,583	7,526	24,058	-
91	Florida	Residential Sales		416,378	5,522,017,578	5,522,017,578	-	57,840,128	375,468,266	375,468,266	-	-
201	Florida	Residential Sales		27,131	154,791,431	154,791,431	-	3,277,671	10,151,309	10,151,309	-	-
291	Florida	Residential Sales		12,797	86,277,131	86,277,131	-	1,597,838	5,647,251	5,647,251	-	-
	Florida	**Residential Sales**		1,377,945	18,246,523,543	18,246,400,323	123,220	191,884,182	1,244,995,619	1,244,899,434	96,186	-
1	Florida	Commercial Sales		7	14,689	14,689	-	457	943	794	149	-
8	Florida	Commercial Sales		1	61,151	61,151	-	273	1,754	1,754	-	(30)
17	Florida	Commercial Sales		8,414	141,094,412	141,094,412	-	355,942	3,820,926	2,004,374	1,816,553	-
21	Florida	Commercial Sales		1	260,261	257,670	2,591	4,331	3,256	3,223	32	(183)
22	Florida	Commercial Sales		2	4,495,570	4,214,418	281,152	2,558	56,080	52,583	3,498	(4,475)
28	Florida	Commercial Sales		11,367	195,361,818	195,361,818	-	2,092,114	5,086,296	5,086,296	-	-
30	Florida	Commercial Sales		3	8,431,232	6,448,014	1,983,218	10,121	101,499	71,577	29,922	-
45	Florida	Commercial Sales		1	1,464,600	959,700	504,900	1,819	41,569	10,039	31,530	(608)
47	Florida	Commercial Sales		3	4,814,713	4,814,713	-	11,039	60,787	60,787	-	-
50	Florida	Commercial Sales		711	60,672,781	44,870,730	15,802,051	213,344	3,568,699	923,680	2,645,019	-
52	Florida	Commercial Sales		1	956	728	228	628	52	52	(0)	(1)
53	Florida	Commercial Sales		11,873	5,347,386,768	3,800,025,982	1,547,360,786	3,583,763	136,327,350	55,256,892	81,070,458	-
54	Florida	Commercial Sales		132	732,835,770	535,353,457	197,482,313	318,699	17,926,807	7,654,497	10,272,310	(258,899)
57	Florida	Commercial Sales		5	30,927,799	22,348,636	8,579,164	27,082	382,255	255,884	126,372	(4,523)
60	Florida	Commercial Sales		118,939	1,709,750,204	1,709,750,204	-	21,848,026	117,443,493	117,443,493	-	-
61	Florida	Commercial Sales		18	372,288	372,288	-	3,386	25,565	25,565	-	-
62	Florida	Commercial Sales		28	7,005,044	7,005,044	-	62,571	481,851	481,851	-	(4,819)
66	Florida	Commercial Sales		183	210,048	210,048	-	19,151	14,416	14,416	-	-
67	Florida	Commercial Sales		54	33,768	33,768	-	5,551	882	882	-	-
69	Florida	Commercial Sales		244	82,670,930	58,945,434	23,725,496	73,079	2,097,288	616,274	1,481,014	-
70	Florida	Commercial Sales		29,604	2,623,364,983	2,623,364,983	-	5,444,614	75,237,060	75,237,060	-	-
71	Florida	Commercial Sales		21	2,584,455	2,584,455	-	3,937	74,190	74,190	-	-
72	Florida	Commercial Sales		43	28,370,890	28,370,890	-	96,321	813,368	813,368	-	(12,518)
75	Florida	Commercial Sales		0	34,228	34,228	-	2,378	984	984	-	(20)
76	Florida	Commercial Sales		269	168,867	168,867	-	27,849	4,401	4,401	-	-
90	Florida	Commercial Sales		32	195,816	195,816	-	5,874	13,444	13,444	-	-
95	Florida	Commercial Sales		-	-	-	-	-	-	-	-	-
96	Florida	Commercial Sales		-	-	-	-	-	-	-	-	-
100	Florida	Commercial Sales		204	6,628,430	4,859,515	1,768,915	61,539	399,353	50,288	349,065	-
102	Florida	Commercial Sales		2	78,600	56,760	21,840	499	4,854	599	4,255	-
104	Florida	Commercial Sales		1	2,475,424	2,279,401	196,023	10,549	62,241	36,336	25,904	(1,245)
105	Florida	Commercial Sales		2	42,067	42,067	-	290	2,886	2,886	-	(29)
107	Florida	Commercial Sales		2	18,628,667	13,659,749	4,968,918	474	452,802	142,744	310,058	(6,528)
115	Florida	Commercial Sales		2	-	-	-	-	-	-	-	-
145	Florida	Commercial Sales		2	9,527,281	6,881,609	2,645,672	4,647	236,984	71,905	165,079	(3,307)
169	Florida	Commercial Sales		126	339,909,726	239,568,279	100,341,447	38,149	8,763,169	2,503,408	6,259,760	-
230	Florida	Commercial Sales		55	252,529,865	183,836,992	68,692,873	202,911	3,110,708	2,084,843	1,025,865	-
246	Florida	Commercial Sales		1	8,183,954	8,183,954	-	5,455	103,262	103,262	-	(545)
247	Florida	Commercial Sales		-	-	-	-	-	-	-	-	-
257	Florida	Commercial Sales		4	64,509,145	46,898,623	17,610,522	19,100	795,162	533,746	261,417	(7,265)
280	Florida	Commercial Sales		1	1,926	1,926	-	712	36	36	-	(158)
615	Florida	Commercial Sales		-	-	-	-	-	-	-	-	-
622	Florida	Commercial Sales		1	13,096,949	9,408,178	3,688,771	449	295,859	88,530	207,329	-
829	Florida	Commercial Sales		0	99,268	99,268	-	45	2,823	2,823	-	-
834	Florida	Commercial Sales		15	70,148,804	51,226,973	18,921,831	4,613	1,715,918	535,293	1,180,625	-
835	Florida	Commercial Sales		2	52,664,735	39,236,665	13,428,070	4,039	1,247,434	409,866	837,568	(17,602)
851	Florida	Commercial Sales		2	20,101,200	14,843,400	5,257,800	499	483,271	155,142	328,129	-
	Florida	**Commercial Sales**		149,134	9,966,045,510	8,232,811,740	1,733,233,770	28,700,492	322,336,662	213,904,900	108,431,762	(271,328)
66	Florida	Company Use		9	137,468	137,468	-	862	9,461	9,461	-	-

Rate Code	Business Area	ADID	Rate Category	Billed Accounts	Total KWH	Non TOU/ Off Peak KWH	On Peak KWH	Customer Charge	Energy Charge	Non TOU/ Off Peak Energy	On Peak Energy	Billed Metering Voltage Adjustment
60	Florida	Company Use		51	8,037,377	8,037,377	-	8,954	553,132	553,132	-	-
17	Florida	Company Use		21	484,080	484,080	-	337	13,143	13,143	-	-
	Florida	**Company Use**		-	-	-	-	-	-	-	-	-
17	Florida	Industrial Service		102	2,520,159	2,520,159	-	5,474	68,268	55,408	12,860	-
20	Florida	Industrial Service		1	981,827	737,176	244,651	2,781	12,240	9,190	3,051	(531)
21	Florida	Industrial Service		1	20,023,429	16,054,416	3,969,013	3,711	249,779	200,288	49,490	(9,450)
22	Florida	Industrial Service		1	63,351	55,446	7,905	12,983	791	692	99	(1,104)
23	Florida	Industrial Service		1	14,994,804	10,928,101	4,066,703	6,269	185,102	156,440	28,662	(4,040)
24	Florida	Industrial Service		1	2,265,316	1,521,283	744,033	13,414	27,868	18,721	9,147	(843)
25	Florida	Industrial Service		2	82,979,811	70,062,934	12,916,877	1,070	1,027,281	867,520	159,761	(21,655)
30	Florida	Industrial Service		1	1,726,955	1,238,348	488,607	5,829	21,448	15,355	6,093	-
46	Florida	Industrial Service		18	103,537,379	103,537,379	-	85,933	1,306,472	1,306,472	-	(16,528)
47	Florida	Industrial Service		1	182,347	182,347	-	3,686	2,301	2,301	-	-
50	Florida	Industrial Service		46	6,593,915	4,794,774	1,799,140	6,784	401,047	114,716	286,332	-
52	Florida	Industrial Service		4	753,679	566,132	187,547	4,850	42,490	11,963	30,527	(425)
53	Florida	Industrial Service		295	588,202,141	418,198,306	170,003,835	97,752	14,981,615	6,025,615	8,956,000	-
54	Florida	Industrial Service		28	244,134,860	178,302,205	65,832,654	65,786	5,971,425	2,572,802	3,398,623	(82,693)
55	Florida	Industrial Service		3	49,111,024	36,664,519	12,446,505	41,332	597,951	413,944	184,006	(1,871)
57	Florida	Industrial Service		24	312,163,480	234,345,889	77,817,591	128,656	3,790,423	2,744,972	1,045,451	(41,699)
59	Florida	Industrial Service		1	72,396	54,175	18,221	10,870	880	558	322	(21)
60	Florida	Industrial Service		689	58,778,442	58,778,442	-	139,246	4,040,283	4,040,283	-	-
62	Florida	Industrial Service		54	3,654,263	3,654,263	-	5,385	250,855	250,855	-	(2,509)
66	Florida	Industrial Service		3	6,636	6,636	-	206	455	455	-	-
70	Florida	Industrial Service		562	188,783,068	188,783,068	-	114,944	5,412,655	5,412,655	-	-
72	Florida	Industrial Service		13	11,032,909	11,032,909	-	32,182	316,407	316,407	-	(5,019)
85	Florida	Industrial Service		1	44,947,754	33,839,027	11,108,727	-	735,711	416,392	319,319	(12,136)
95	Florida	Industrial Service		2	-	-	-	2,455	-	-	-	-
96	Florida	Industrial Service		2	-	-	-	2,558	-	-	-	-
100	Florida	Industrial Service		3	559,328	370,101	189,227	997	40,787	3,909	36,878	-
107	Florida	Industrial Service		1	40,594	27,437	13,157	249	1,106	287	820	(26)
115	Florida	Industrial Service		2	-	-	-	-	-	-	-	-
123	Florida	Industrial Service		1	50,526,518	37,635,287	12,891,231	4,815	622,662	463,770	158,892	(8,363)
156	Florida	Industrial Service		3	270,774,655	206,639,319	64,135,336	9,087	3,262,424	2,129,747	1,132,676	(6,653)
169	Florida	Industrial Service		1	1,330,872	990,426	340,446	249	31,578	10,310	21,269	-
230	Florida	Industrial Service		7	71,844,869	52,564,695	19,280,173	26,419	880,472	594,500	285,972	-
246	Florida	Industrial Service		4	47,483,051	47,483,051	-	22,281	599,380	599,380	-	(6,540)
247	Florida	Industrial Service		2	2,161,111	2,161,111	-	3,372	27,290	27,290	-	-
255	Florida	Industrial Service		5	835,673,962	632,664,139	203,009,824	65,252	10,114,336	7,193,933	2,920,403	(47,039)
257	Florida	Industrial Service		20	375,136,261	276,543,170	98,593,091	110,934	4,594,229	3,142,886	1,451,343	(38,194)
296	Florida	Industrial Service		1	-	-	-	2,224	-	-	-	-
615	Florida	Industrial Service		-	-	-	-	-	-	-	-	-
620	Florida	Industrial Service		2	3,125,600	2,154,400	971,200	499	58,188	15,768	42,420	-
623	Florida	Industrial Service		0	842,600	568,000	274,600	75	11,566	2,976	8,589	-
625	Florida	Industrial Service		0	1,012,800	746,400	266,400	405	12,244	3,911	8,333	(164)
627	Florida	Industrial Service		1	1,616,175	1,107,710	508,465	249	36,825	9,841	26,985	-
834	Florida	Industrial Service		2	1,472,120	1,053,900	418,220	499	37,114	11,015	26,099	-
835	Florida	Industrial Service		1	16,644,969	12,177,501	4,467,468	2,621	405,836	127,198	278,638	(5,879)
	Florida	**Industrial Service**		1,536	2,837,906,802	2,190,766,928	647,139,874	869,550	50,175,758	29,286,697	20,889,061	(259,678)
16	Florida	Public Street & Highway Lighting		235	2,815,774	2,815,774	-	12,692	76,260	76,260	-	-
17	Florida	Public Street & Highway Lighting		1,238	17,683,818	17,683,818	-	22,866	479,011	77,594	401,418	-
28	Florida	Public Street & Highway Lighting		56	260,693	260,693	-	5,902	6,803	6,803	-	-
53	Florida	Public Street & Highway Lighting		0	48,165	37,235	10,929	100	1,074	1,074	-	-
60	Florida	Public Street & Highway Lighting		8	132,803	132,803	-	1,454	9,111	9,111	-	-
70	Florida	Public Street & Highway Lighting		1	89,039	89,039	-	94	2,559	2,559	-	-
115	Florida	Public Street & Highway Lighting		-	-	-	-	-	-	-	-	-
116	Florida	Public Street & Highway Lighting		10	1,849,457	1,849,457	-	187	50,079	50,079	-	-

Rate Code	Business Area	ADID	Rate Category	Billed Accounts	Total KWH	Non TOU/ Off Peak KWH	On Peak KWH	Customer Charge	Energy Charge	Non TOU/ Off Peak Energy	On Peak Energy	Billed Metering Voltage Adjustment
	Florida	**Public Street & Highway Lighting**		913	17,208,970	17,208,970	-	(27,418)	472,757	71,340	401,418	-
1	Florida	Other Sales to Public Authority		0	625	625	-	15	40	40	-	-
16	Florida	Other Sales to Public Authority		811	20,015,470	20,015,470	-	44,272	541,807	541,807	-	-
17	Florida	Other Sales to Public Authority		3,998	120,695,646	120,695,646	-	86,205	3,268,310	576,327	2,691,984	-
21	Florida	Other Sales to Public Authority		2	41,849,911	33,694,058	8,155,853	7,422	521,922	420,262	101,660	(14,885)
22	Florida	Other Sales to Public Authority		2	2,593,296	2,092,824	500,472	2,558	32,298	26,071	6,227	(5,854)
26	Florida	Other Sales to Public Authority		1	2,919,900	2,160,600	759,300	3,062	35,683	22,270	13,413	(475)
27	Florida	Other Sales to Public Authority		1,687	8,005,619	8,005,619	-	313,742	208,295	208,295	-	-
28	Florida	Other Sales to Public Authority		908	4,433,233	4,433,233	-	165,760	115,525	115,525	-	-
44	Florida	Other Sales to Public Authority		1	980,100	980,100	-	3,062	12,362	12,362	-	(201)
46	Florida	Other Sales to Public Authority		9	19,166,756	19,166,756	-	43,803	241,948	241,948	-	(3,023)
47	Florida	Other Sales to Public Authority		9	8,502,192	8,502,192	-	29,133	107,319	107,319	-	-
50	Florida	Other Sales to Public Authority		381	56,593,266	43,384,256	13,209,010	113,689	3,033,019	882,956	2,150,063	-
53	Florida	Other Sales to Public Authority		2,128	1,032,497,166	726,561,549	305,935,617	635,996	26,695,457	10,706,145	15,989,312	-
54	Florida	Other Sales to Public Authority		63	512,459,185	379,933,501	132,525,684	148,353	12,245,843	5,413,743	6,832,100	(174,054)
57	Florida	Other Sales to Public Authority		3	20,774,270	15,302,202	5,472,068	17,277	254,496	175,161	79,335	(2,957)
60	Florida	Other Sales to Public Authority		12,757	334,066,770	334,066,770	-	2,345,953	22,939,429	22,939,429	-	-
61	Florida	Other Sales to Public Authority		1	27,503	27,503	-	182	1,883	1,883	-	-
62	Florida	Other Sales to Public Authority		13	990,896	990,896	-	30,770	68,051	68,051	-	(681)
66	Florida	Other Sales to Public Authority		234	187,657	187,657	-	24,097	12,884	12,884	-	-
67	Florida	Other Sales to Public Authority		363	1,862,543	1,862,543	-	38,997	48,473	48,473	-	-
69	Florida	Other Sales to Public Authority		1	2,481,100	1,749,300	731,800	249	63,953	18,289	45,663	-
70	Florida	Other Sales to Public Authority		1,753	436,493,167	436,493,167	-	322,760	12,517,329	12,517,329	-	-
71	Florida	Other Sales to Public Authority		1	63,464	63,464	-	122	1,823	1,823	-	-
72	Florida	Other Sales to Public Authority		16	31,025,709	31,025,709	-	36,615	889,561	889,561	-	(14,402)
76	Florida	Other Sales to Public Authority		109	244,151	244,151	-	11,298	6,344	6,344	-	-
83	Florida	Other Sales to Public Authority		1	399,514,633	292,494,481	107,020,151	11,500	9,739,787	4,143,454	5,596,333	(198,944)
85	Florida	Other Sales to Public Authority		2	16,098,111	12,231,894	3,866,217	5,560	260,796	147,852	112,944	(4,097)
90	Florida	Other Sales to Public Authority		13	143,821	143,821	-	2,417	9,870	9,870	-	-
100	Florida	Other Sales to Public Authority		28	2,085,311	1,529,995	555,316	8,700	124,391	16,166	108,224	-
115	Florida	Other Sales to Public Authority		4	-	-	-	-	-	-	-	-
116	Florida	Other Sales to Public Authority		81	1,944,588	1,944,588	-	1,507	52,654	52,654	-	-
145	Florida	Other Sales to Public Authority		3	48,829,067	36,488,539	12,340,528	7,781	1,151,209	381,315	769,894	(15,950)
169	Florida	Other Sales to Public Authority		6	14,024,568	9,815,671	4,208,897	1,696	365,182	102,581	262,601	-
171	Florida	Other Sales to Public Authority		4	7,036,400	7,036,400	-	760	201,647	201,647	-	-
230	Florida	Other Sales to Public Authority		3	6,965,696	5,131,805	1,833,892	7,964	85,293	58,187	27,106	-
247	Florida	Other Sales to Public Authority		3	6,440,663	6,440,663	-	11,029	81,298	81,298	-	-
257	Florida	Other Sales to Public Authority		3	39,866,016	29,680,014	10,186,001	16,365	486,084	333,412	152,672	(3,902)
615	Florida	Other Sales to Public Authority		-	-	-	-	-	-	-	-	-
834	Florida	Other Sales to Public Authority		1	3,285,060	2,409,700	875,360	371	79,684	25,142	54,542	-
	Florida	**Other Sales to Public Authority**		21,269	2,678,594,843	2,166,186,821	512,408,022	3,807,322	81,228,074	46,234,002	34,994,071	(367,358)
	Florida	**Retail**		**1,715,231**	**36,718,368,399**	**33,567,614,311**	**3,150,754,089**	**248,152,126**	**1,840,122,771**	**1,636,194,773**	**203,927,998**	**(986,961)**
		CHECKS:										
		Residential		290,404	2,948,265,875	2,948,248,327	17,548	39,018,185	196,896,710	118,665,859	78,230,851	-
		Commercial		33,239	1,875,164,574	1,575,133,762	300,030,812	5,868,388	58,925,316	58,925,167	149	(51,425)
		Industrial		375	579,848,625	459,977,652	119,870,973	174,835	10,004,027	10,004,027	-	(53,703)
		Lighting		635	5,670,778	5,659,849	10,929	70,713	152,140	152,140	-	-
		OPA		4,131	526,568,686	430,800,543	95,768,143	693,719	15,273,872	15,273,872	-	(72,066)

Rate Code	Business Area	ADID	KW Billed	KW Actual TOU Base	KW On Peak	Billed Demand	Delivery Voltage Credit	Standby Demand Charge	Power Factor Adjustment	Base Revenue	Load Management Credit	Standby Demand Credit
1	Florida	Residential Sales	-	-	-	-	-	-	-	1,272,177,204	(14)	-
17	Florida	Residential Sales	-	-	-	-	-	-	-	2,098,533	-	-
51	Florida	Residential Sales	-	-	-	-	-	-	-	39,425	-	-
91	Florida	Residential Sales	8	8	-	17	-	-	-	447,916,947	(25,125,348)	-
201	Florida	Residential Sales	-	-	-	-	-	-	-	13,980,961	-	-
291	Florida	Residential Sales	-	-	-	-	-	-	-	7,496,726	(345,279)	-
	Florida	**Residential Sales**	-	-	-	-	-	-	-	1,437,131,439	(21,109,673)	-
1	Florida	Commercial Sales	-	-	-	-	-	-	-	1,776	-	-
8	Florida	Commercial Sales	214	-	-	1,268	-	-	-	3,266	-	-
17	Florida	Commercial Sales	-	-	-	-	-	-	-	10,375,421	-	-
21	Florida	Commercial Sales	730	548	1,005	3,248	(2,570)	7,061	-	27,392	-	-
22	Florida	Commercial Sales	4,687	28,225	155,473	49,373	-	151,817	-	231,891	-	-
28	Florida	Commercial Sales	99	-	-	-	-	-	-	7,682,439	-	-
30	Florida	Commercial Sales	2,713	16,084	13,062	134,689	-	-	(1,358)	258,255	-	-
45	Florida	Commercial Sales	-	3,717	3,717	23,672	(4,423)	-	-	62,028	(416)	-
47	Florida	Commercial Sales	16,510	2,866	-	125,190	-	-	-	211,657	-	-
50	Florida	Commercial Sales	2,312	595	479	108,207	-	-	-	4,035,903	-	-
52	Florida	Commercial Sales	-	-	-	9	-	-	-	718	-	-
53	Florida	Commercial Sales	2,073,592	9,780,422	9,420,359	68,411,777	-	-	(62,555)	228,408,263	(143,718)	(1,184,463)
54	Florida	Commercial Sales	279,567	1,299,309	1,263,848	9,275,438	(1,869,746)	-	(109,423)	28,311,044	-	(17,211)
57	Florida	Commercial Sales	11,290	54,300	51,187	507,066	(78,071)	-	(1,937)	912,511	-	-
60	Florida	Commercial Sales	25,186	2,699	-	6,165	-	-	-	145,781,118	(133)	-
61	Florida	Commercial Sales	-	-	-	-	-	-	-	28,951	(1,718)	-
62	Florida	Commercial Sales	22,661	22,661	-	45,323	-	-	-	580,618	-	-
66	Florida	Commercial Sales	-	-	-	-	-	-	-	34,496	-	-
67	Florida	Commercial Sales	-	-	-	-	-	-	-	7,078	-	-
69	Florida	Commercial Sales	-	213,115	199,676	1,294,652	-	-	-	3,465,019	(448,136)	-
70	Florida	Commercial Sales	8,288,470	1,305,864	-	47,292,500	5	-	(96)	143,148,395	(3,653)	-
71	Florida	Commercial Sales	8,246	-	-	52,758	-	-	-	130,885	(10,592)	-
72	Florida	Commercial Sales	83,344	13,058	-	479,970	(99,234)	-	(2,084)	1,448,437	-	-
75	Florida	Commercial Sales	2	-	-	5	-	-	-	3,583	-	-
76	Florida	Commercial Sales	-	-	-	-	-	-	-	32,250	-	-
90	Florida	Commercial Sales	-	-	-	-	-	-	-	19,319	-	-
95	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-
96	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-
100	Florida	Commercial Sales	-	1,023	720	-	-	-	-	460,891	-	-
102	Florida	Commercial Sales	-	-	-	-	-	-	-	5,353	(94)	-
104	Florida	Commercial Sales	-	-	-	6,426	-	-	-	82,568	-	-
105	Florida	Commercial Sales	-	-	-	-	-	-	-	3,147	-	-
107	Florida	Commercial Sales	-	32,138	31,212	200,020	-	-	(3,802)	642,965	-	-
115	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-
145	Florida	Commercial Sales	-	18,747	18,060	115,987	(22,309)	-	(838)	331,164	(34,188)	-
169	Florida	Commercial Sales	-	592,474	583,412	3,728,490	-	-	(1,947)	11,812,018	(2,288,361)	-
230	Florida	Commercial Sales	76,499	417,010	402,958	3,808,209	-	-	(2,894)	7,886,619	-	-
246	Florida	Commercial Sales	9,451	2,155	-	349,486	(11,247)	-	1,637	664,727	-	-
247	Florida	Commercial Sales	1,128	-	-	9,780	(1,342)	-	129	18,114	-	-
257	Florida	Commercial Sales	21,933	104,041	100,691	1,005,106	(149,909)	-	(9,011)	1,817,465	-	-
280	Florida	Commercial Sales	2,500	-	-	2,521	-	-	-	19,184	-	-
615	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-
622	Florida	Commercial Sales	-	25,946	25,663	147,401	-	-	(555)	443,155	-	-
829	Florida	Commercial Sales	514	-	-	3,984	-	-	-	6,852	-	-
834	Florida	Commercial Sales	-	130,062	123,689	976,936	-	-	(5,651)	2,691,816	-	-
835	Florida	Commercial Sales	-	78,998	77,944	606,744	(94,008)	-	(6,940)	1,739,669	-	-
851	Florida	Commercial Sales	-	36,924	35,082	277,207	-	-	(4,609)	756,367	(69,873)	-
	Florida	**Commercial Sales**	7,106,506	12,833,678	12,507,477	126,481,203	(1,952,432)	158,877	(175,504)	475,277,970	(2,853,378)	-
66	Florida	Company Use	-	-	-	-	-	-	-	13,646	-	-

Rate Code	Business Area	ADID	KW Billed	KW Actual TOU Base	KW On Peak	Billed Demand	Delivery Voltage Credit	Standby Demand Charge	Power Factor Adjustment	Base Revenue	Load Management Credit	Standby Demand Credit
60	Florida	Company Use	437	437	-	874	-	-	-	755,288	-	-
17	Florida	Company Use	-	-	-	-	-	-	-	80,017	-	-
	Florida	**Company Use**	-	-	-	-	-	-	-	-	-	-
17	Florida	Industrial Service	-	3	-	-	-	-	-	139,701	-	-
20	Florida	Industrial Service	-	2,151	32,013	-	-	40,842	-	55,332	-	-
21	Florida	Industrial Service	16,489	63,405	630,150	259,138	(117,999)	637,614	-	1,016,022	-	-
22	Florida	Industrial Service	1,935	9,240	2,160	6,765	-	45,937	-	75,759	-	-
23	Florida	Industrial Service	54,656	80,163	377,066	506,160	(124,355)	472,155	-	730,973	-	-
24	Florida	Industrial Service	-	50,000	16,229	-	-	70,325	-	118,527	-	-
25	Florida	Industrial Service	45,161	201,563	2,434,121	883,635	(333,341)	2,166,822	-	3,391,696	-	-
30	Florida	Industrial Service	1,126	2,560	2,552	27,487	-	-	-	61,203	-	-
46	Florida	Industrial Service	414,200	55,199	-	3,240,337	(491,181)	-	5,810	4,467,307	-	-
47	Florida	Industrial Service	734	166	-	5,292	-	-	-	11,891	-	-
50	Florida	Industrial Service	770	1,388	626	13,420	-	-	-	436,812	-	-
52	Florida	Industrial Service	-	-	-	1,367	-	-	-	49,643	-	-
53	Florida	Industrial Service	209,804	1,064,192	1,039,649	7,502,706	-	-	(14,110)	24,784,676	-	(8,684)
54	Florida	Industrial Service	84,774	380,965	362,120	2,909,134	(553,513)	-	(536)	9,000,541	-	-
55	Florida	Industrial Service	21,565	116,113	113,387	1,132,169	(819,081)	-	12,822	1,045,189	-	-
57	Florida	Industrial Service	250,050	710,169	680,594	7,521,867	(1,785,100)	-	(17,405)	10,292,775	-	-
59	Florida	Industrial Service	-	165	143	1,320	(196)	-	-	12,852	-	-
60	Florida	Industrial Service	1,142	896	-	1,792	-	-	-	4,409,587	-	-
62	Florida	Industrial Service	4,022	4,022	-	8,045	-	-	-	269,701	-	-
66	Florida	Industrial Service	-	-	-	-	-	-	-	689	-	-
70	Florida	Industrial Service	635,661	103,821	-	3,628,687	-	-	(1,522)	10,355,859	-	-
72	Florida	Industrial Service	35,418	6,169	-	200,245	(42,153)	-	-	582,781	-	-
85	Florida	Industrial Service	10,530	170,298	107,955	1,963,837	(215,186)	-	3,369	1,797,589	-	-
95	Florida	Industrial Service	-	-	-	-	-	-	-	67,852	-	-
96	Florida	Industrial Service	-	-	-	-	-	-	-	3,145	-	-
100	Florida	Industrial Service	-	-	-	-	-	-	-	41,784	-	-
107	Florida	Industrial Service	-	237	224	1,445	-	-	-	2,775	-	-
115	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-
123	Florida	Industrial Service	-	180,422	1,972,612	-	-	1,276,821	-	1,895,935	-	-
156	Florida	Industrial Service	-	700,931	659,069	5,995,736	(4,170,539)	-	9,635	5,099,689	-	-
169	Florida	Industrial Service	-	4,591	4,381	28,196	-	-	-	60,024	(16,398)	-
230	Florida	Industrial Service	21,032	103,821	102,853	1,012,526	-	-	(9,360)	1,966,190	-	-
246	Florida	Industrial Service	106,639	20,449	-	807,870	(126,901)	-	3,660	1,421,553	-	-
247	Florida	Industrial Service	6,292	1,147	-	47,263	-	-	(256)	86,759	-	-
255	Florida	Industrial Service	411,095	1,612,708	1,539,661	16,056,970	(12,041,626)	-	(147,931)	15,383,673	-	-
257	Florida	Industrial Service	128,868	565,386	542,227	5,483,632	(817,006)	-	(19,684)	9,666,859	-	-
296	Florida	Industrial Service	-	-	-	-	-	-	-	2,224	-	-
615	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-
620	Florida	Industrial Service	-	7,996	7,648	34,476	-	-	-	93,163	-	-
623	Florida	Industrial Service	-	2,218	2,198	7,028	-	-	-	18,668	-	-
625	Florida	Industrial Service	-	2,232	2,112	6,833	(2,656)	-	118	16,780	-	-
627	Florida	Industrial Service	-	4,342	4,219	22,972	-	-	-	60,047	-	-
834	Florida	Industrial Service	-	3,396	3,207	25,407	-	-	-	63,020	-	-
835	Florida	Industrial Service	-	27,920	27,732	215,249	(33,225)	-	1,245	585,848	-	-
	Florida	**Industrial Service**	996,761	6,068,572	10,666,908	50,962,301	(17,689,368)	4,710,516	(144,673)	88,624,407	(16,398)	-
16	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	92,771	-	-
17	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	1,477,268	-	-
28	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	16,632	-	-
53	Florida	Public Street & Highway Lighting	114	-	-	454	-	-	-	2,771	-	-
60	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	10,610	-	-
70	Florida	Public Street & Highway Lighting	218	218	-	437	-	-	-	5,754	-	-
115	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	-	-	-
116	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	52,184	-	-

Rate Code	Business Area	ADID	KW Billed	KW Actual TOU Base	KW On Peak	Billed Demand	Delivery Voltage Credit	Standby Demand Charge	Power Factor Adjustment	Base Revenue	Load Management Credit	Standby Demand Credit
	Florida	**Public Street & Highway Lighting**	-	-	-	-	-	-	-	421,891	-	-
1	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	70	-	-
16	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	608,997	-	-
17	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	10,252,044	-	-
21	Florida	Other Sales to Public Authority	13,726	66,609	999,531	315,580	(106,000)	852,370	-	1,595,027	-	-
22	Florida	Other Sales to Public Authority	13,608	9,720	66,852	62,640	-	220,512	-	310,621	-	-
26	Florida	Other Sales to Public Authority	-	5,163	5,058	45,730	-	-	-	83,999	-	-
27	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	522,037	-	-
28	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	316,760	-	-
44	Florida	Other Sales to Public Authority	3,846	-	-	33,572	-	-	-	48,795	-	-
46	Florida	Other Sales to Public Authority	70,747	12,139	-	540,302	(83,309)	-	(1,050)	815,430	-	-
47	Florida	Other Sales to Public Authority	30,479	4,775	-	234,041	-	-	-	395,153	-	-
50	Florida	Other Sales to Public Authority	802	785	763	89,434	-	-	-	3,370,145	-	-
53	Florida	Other Sales to Public Authority	497,016	2,323,956	2,182,159	16,040,362	-	-	(14,231)	48,156,640	(3,232)	(65,174)
54	Florida	Other Sales to Public Authority	190,418	883,146	815,343	6,322,883	(1,277,564)	-	(54,490)	19,152,288	-	(71,940)
57	Florida	Other Sales to Public Authority	6,790	30,498	28,953	290,824	(43,136)	-	(1,496)	557,416	-	-
60	Florida	Other Sales to Public Authority	9,521	6,268	-	12,535	-	-	-	26,427,241	(13)	-
61	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	2,065	(37)	-
62	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	102,795	-	-
66	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	37,810	-	-
67	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	89,648	-	-
69	Florida	Other Sales to Public Authority	-	4,823	4,820	30,672	-	-	-	94,874	(10,947)	-
70	Florida	Other Sales to Public Authority	1,527,532	263,796	-	8,666,486	-	-	(2,843)	24,535,999	-	(60,383)
71	Florida	Other Sales to Public Authority	281	-	-	1,808	-	-	-	3,753	(180)	-
72	Florida	Other Sales to Public Authority	104,248	15,934	-	609,537	(125,155)	-	(458)	1,601,401	-	-
76	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	17,642	-	-
83	Florida	Other Sales to Public Authority	116,829	582,898	569,694	6,197,833	(4,163,373)	-	(21,536)	10,706,354	-	-
85	Florida	Other Sales to Public Authority	5,891	28,609	26,313	337,264	(41,055)	-	(709)	560,545	-	-
90	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	12,287	-	-
100	Florida	Other Sales to Public Authority	-	192	192	-	-	-	-	133,091	-	-
115	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	-	-	-
116	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	56,203	-	-
145	Florida	Other Sales to Public Authority	-	88,223	85,611	548,792	(104,985)	-	(6,016)	1,580,830	(357,665)	-
169	Florida	Other Sales to Public Authority	-	37,736	34,749	225,845	-	-	(1,529)	591,195	(108,389)	-
171	Florida	Other Sales to Public Authority	17,595	-	-	113,017	-	-	-	315,424	(60,199)	-
230	Florida	Other Sales to Public Authority	2,500	11,469	9,460	96,682	-	-	-	198,111	-	-
247	Florida	Other Sales to Public Authority	25,989	4,065	-	198,812	-	-	(1,873)	324,901	-	-
257	Florida	Other Sales to Public Authority	11,361	61,058	57,464	571,138	(86,179)	-	(3,853)	1,041,381	-	-
615	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	-	-	-
834	Florida	Other Sales to Public Authority	-	6,244	5,820	48,671	-	-	-	128,726	-	-
	Florida	**Other Sales to Public Authority**	1,483,072	4,141,129	4,892,624	34,892,372	(5,031,462)	1,072,882	(90,510)	115,534,770	(537,417)	(2,792)
	Florida	**Retail**	**12,814,954**	**23,967,787**	**28,067,468**	**226,290,364**	**(27,355,465)**	**5,942,275**	**(453,426)**	**2,366,091,396**	**(26,772,724)**	**(705,324)**
		CHECKS:										
		Residential	8	8	-	17	-	-	-	306,578,358	(4,360,967)	-
		Commercial	3,825,143	1,349,303	760	12,568,401	(380,422)	-	(36,432)	129,306,819	(147,504)	(1,201,674)
		Industrial	1,465,203	191,872	-	8,596,705	(3,984,690)	-	(29,472)	21,018,688	-	(8,684)
		Lighting	332	218	-	891	-	-	-	1,236,099	-	-
		OPA	1,166,106	306,976	158	6,742,087	(999,295)	-	(19,575)	39,212,926	(3,245)	(194,705)

Rate Code	Business Area	ADID	Gross Interruptible Dem Credit	Gross Curtailable Dem Credit	Meter Voltage Adjustment	Total Fuel Charge	Non TOU Off Peak Fuel	On Peak Fuel	Energy Conservation Cost Recov	Capacity Cost Recovery	Environment Cost Recovery	Storm Cost Recovery	Storm Protection Plan Cost Recovery	Asset Securitization Amount
1	Florida	Residential Sales	-	-	-	499,073,482	499,073,482	-	44,756,477	186,044,816	19,359,598	3,817,140	671,607	38,039,865
17	Florida	Residential Sales	-	-	-	751,852	751,852	-	19,491	34,100	26,795	4,701	784	6,567
51	Florida	Residential Sales	-	-	-	16,519	10,817	5,702	1,516	6,300	583	82	-	1,107
91	Florida	Residential Sales	-	-	-	178,262,818	178,262,818	-	16,112,314	66,975,445	6,945,305	1,347,414	234,264	13,636,331
201	Florida	Residential Sales	-	-	-	4,763,521	4,763,521	-	450,300	1,871,832	194,564	33,534	6,686	382,435
291	Florida	Residential Sales	-	-	-	2,648,335	2,648,335	-	251,718	1,046,326	108,520	18,747	3,663	213,210
	Florida	**Residential Sales**	-	-	-	584,457,658	584,452,727	4,931	61,591,816	255,978,820	23,717,210	3,600,554	3,663	44,977,902
1	Florida	Commercial Sales	-	-	-	481	481	-	-	-	15	8	5	36
8	Florida	Commercial Sales	-	-	-	1,945	1,945	-	211	821	70	8	-	113
17	Florida	Commercial Sales	-	-	-	4,356,954	4,356,954	-	115,225	202,239	148,450	27,448	4,000	42,020
21	Florida	Commercial Sales	-	-	(133)	8,850	6,004	2,846	185	720	248	77	48	494
22	Florida	Commercial Sales	-	-	(533)	130,981	116,217	14,764	11,103	42,776	4,916	554	164	8,335
28	Florida	Commercial Sales	-	-	-	6,326,377	6,326,377	-	361,997	1,311,639	206,699	18,318	4,293	284,514
30	Florida	Commercial Sales	(89,522)	-	-	263,934	184,180	79,753	17,932	66,769	7,574	307	-	11,015
45	Florida	Commercial Sales	-	-	-	47,105	27,041	20,064	3,977	15,463	1,670	175	-	2,715
47	Florida	Commercial Sales	(91,551)	-	-	156,642	156,642	-	15,241	56,750	4,994	366	110	7,459
50	Florida	Commercial Sales	-	-	-	1,938,572	1,277,307	661,265	163,347	672,790	62,213	7,062	-	119,738
52	Florida	Commercial Sales	-	-	(1)	32	22	10	-	-	-	-	-	(0)
53	Florida	Commercial Sales	-	-	-	172,291,101	109,435,700	62,855,401	12,758,740	49,610,942	5,067,613	468,142	-	8,292,288
54	Florida	Commercial Sales	-	-	(44,944)	23,215,334	15,269,035	7,946,298	1,688,169	6,563,348	686,048	63,724	-	1,119,705
57	Florida	Commercial Sales	(343,572)	-	(763)	983,430	637,566	345,864	61,013	227,652	27,049	1,508	-	39,244
60	Florida	Commercial Sales	-	-	-	55,492,442	55,492,442	-	4,706,348	19,384,370	2,053,343	332,811	69,198	4,101,533
61	Florida	Commercial Sales	-	-	-	11,929	11,929	-	1,214	4,996	462	67	-	891
62	Florida	Commercial Sales	-	-	(1,134)	229,719	229,719	-	17,302	71,189	8,188	1,892	429	16,656
66	Florida	Commercial Sales	-	-	-	6,793	6,793	-	572	2,348	249	39	9	502
67	Florida	Commercial Sales	-	-	-	1,188	1,188	-	-	-	32	7	4	48
69	Florida	Commercial Sales	-	-	-	2,616,310	1,667,713	948,597	230,699	897,167	95,079	8,956	-	155,279
70	Florida	Commercial Sales	-	-	-	85,033,619	85,033,619	-	8,923,467	34,705,646	2,940,892	351,810	76,420	4,949,267
71	Florida	Commercial Sales	-	-	-	82,420	82,420	-	8,874	34,509	2,978	247	-	4,879
72	Florida	Commercial Sales	-	-	(1,934)	908,686	908,686	-	89,545	348,136	31,520	3,644	823	53,029
75	Florida	Commercial Sales	-	-	(20)	1,179	1,179	-	1	3	32	10	7	64
76	Florida	Commercial Sales	-	-	-	5,365	5,365	-	369	1,372	177	11	-	240
90	Florida	Commercial Sales	-	-	-	6,270	6,270	-	638	2,628	243	32	-	468
95	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-	-	-
96	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-	-	-
100	Florida	Commercial Sales	-	-	-	208,622	137,124	71,498	21,679	89,245	8,246	966	-	15,922
102	Florida	Commercial Sales	-	-	-	2,469	1,599	870	256	1,055	97	11	-	189
104	Florida	Commercial Sales	-	-	(335)	72,186	64,320	7,867	6,347	26,164	2,408	289	-	4,646
105	Florida	Commercial Sales	-	-	-	1,327	1,327	-	136	559	52	6	-	100
107	Florida	Commercial Sales	-	-	-	579,152	382,563	196,588	34,388	133,694	21,237	1,910	-	34,688
115	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-	-	-
145	Florida	Commercial Sales	-	-	-	298,539	193,322	105,216	20,059	77,988	10,861	1,139	-	17,784
169	Florida	Commercial Sales	-	-	-	10,772,250	6,768,941	4,003,309	700,245	2,723,175	390,899	33,479	-	639,752
230	Florida	Commercial Sales	(3,994,020)	-	-	8,076,469	5,288,083	2,788,386	441,821	1,645,079	223,657	11,581	-	324,580
246	Florida	Commercial Sales	(129,443)	-	(121)	262,426	262,426	-	9,809	38,186	8,428	581	165	12,587
247	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-	-	-
257	Florida	Commercial Sales	(1,026,588)	-	(1,351)	2,045,551	1,337,226	708,325	117,156	437,131	55,778	2,937	-	80,957
280	Florida	Commercial Sales	-	(141)	(158)	67	67	-	537	1,855	2	1	0	2
615	Florida	Commercial Sales	-	-	-	-	-	-	-	-	-	-	-	-
622	Florida	Commercial Sales	-	-	-	415,036	267,126	147,910	28,022	108,973	15,062	1,509	-	24,536
829	Florida	Commercial Sales	-	-	-	3,071	3,071	-	555	2,159	114	-	-	192
834	Florida	Commercial Sales	-	-	-	2,202,836	1,447,303	755,534	140,467	546,260	80,671	6,965	-	132,029
835	Florida	Commercial Sales	-	-	-	1,624,171	1,094,461	529,711	84,528	328,632	60,038	4,886	-	98,154
851	Florida	Commercial Sales	-	-	-	630,495	420,203	210,292	39,878	155,081	23,116	2,130	-	37,814
	Florida	**Commercial Sales**	(4,839,175)	-	-	316,212,193	246,991,222	69,220,971	26,765,271	104,781,590	11,542,869	1,094,112	-	19,139,166
66	Florida	Company Use	-	-	-	4,831	4,831	-	-	-	135	62	36	335

Rate Code	Business Area	ADID	Gross Interruptible Dem Credit	Gross Curtailable Dem Credit	Meter Voltage Adjustment	Total Fuel Charge	Non TOU Off Peak Fuel	On Peak Fuel	Energy Conservation Cost Recov	Capacity Cost Recovery	Environment Cost Recovery	Storm Cost Recovery	Storm Protection Plan Cost Recovery	Asset Securitization Amount
60	Florida	Company Use	-	-	-	282,433	282,433	-	-	-	7,877	3,617	2,090	19,611
17	Florida	Company Use	-	-	-	16,246	16,246	-	-	-	441	228	82	145
	Florida	**Company Use**	-	-	-	-	-	-	-	-	-	-	-	-
17	Florida	Industrial Service	-	-	-	77,807	77,807	-	2,058	3,613	2,650	476	71	751
20	Florida	Industrial Service	-	-	-	29,891	20,353	9,538	2,988	11,603	1,119	76	-	1,827
21	Florida	Industrial Service	-	-	(2,205)	637,256	421,411	215,845	32,148	122,162	21,841	2,890	986	37,747
22	Florida	Industrial Service	-	-	(174)	1,887	1,500	387	3,339	12,796	68	6	4	117
23	Florida	Industrial Service	(214,595)	-	(1,435)	486,477	319,193	167,284	19,225	73,218	14,899	1,457	846	23,109
24	Florida	Industrial Service	(58,500)	-	(49)	69,289	41,000	28,289	5,100	19,800	2,356	23	-	3,386
25	Florida	Industrial Service	-	(1,281,301)	(4,731)	2,594,907	1,884,431	710,476	118,443	450,082	91,345	20,769	4,912	102,504
30	Florida	Industrial Service	(17,124)	-	-	56,740	36,467	20,274	3,465	12,901	1,271	92	-	1,829
46	Florida	Industrial Service	(2,305,039)	-	(2,682)	3,308,431	3,308,431	-	383,864	1,432,268	106,570	6,689	2,144	158,786
47	Florida	Industrial Service	(3,811)	-	-	5,903	5,903	-	646	2,407	189	12	4	283
50	Florida	Industrial Service	-	-	-	211,399	137,151	74,248	17,556	72,089	6,638	1,154	-	12,897
52	Florida	Industrial Service	-	-	(67)	23,411	15,939	7,473	2,126	8,748	810	81	-	1,566
53	Florida	Industrial Service	-	-	-	18,901,090	12,013,805	6,887,286	1,375,211	5,348,469	564,565	46,856	-	924,125
54	Florida	Industrial Service	-	-	(14,767)	7,724,711	5,074,652	2,650,058	497,718	1,935,184	227,951	20,083	-	372,378
55	Florida	Industrial Service	(760,827)	-	(475)	1,529,725	1,034,202	495,524	126,664	472,235	42,349	2,156	-	61,836
57	Florida	Industrial Service	(4,566,786)	-	(5,853)	9,839,413	6,703,217	3,136,196	893,004	3,331,960	243,986	9,667	-	356,083
59	Florida	Industrial Service	(960)	-	-	2,209	1,498	711	152	566	75	4	-	110
60	Florida	Industrial Service	-	-	-	1,908,909	1,908,909	-	160,811	661,874	70,465	12,191	2,473	141,265
62	Florida	Industrial Service	-	-	(382)	116,883	116,883	-	10,012	41,194	4,351	682	144	8,688
66	Florida	Industrial Service	-	-	-	215	215	-	18	74	8	1	0	16
70	Florida	Industrial Service	-	-	-	6,124,652	6,124,652	-	687,194	2,671,155	211,106	26,628	5,877	356,312
72	Florida	Industrial Service	-	-	(856)	354,477	354,477	-	37,903	147,360	12,226	1,496	351	20,597
85	Florida	Industrial Service	-	(613,199)	(1,466)	1,406,781	961,190	445,591	63,290	218,802	43,398	5,623	-	45,697
95	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-	-	-
96	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-	-	-
100	Florida	Industrial Service	-	-	-	18,092	10,515	7,577	1,823	7,506	694	93	-	1,339
107	Florida	Industrial Service	-	-	-	1,282	766	517	254	986	46	3	-	76
115	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-	-	(1)
123	Florida	Industrial Service	(1,063,166)	-	-	1,549,508	1,044,320	505,188	95,437	362,660	53,053	1,793	-	76,206
156	Florida	Industrial Service	(4,422,353)	-	-	8,286,616	5,759,876	2,526,740	651,866	2,432,231	284,313	13,020	-	413,862
169	Florida	Industrial Service	-	-	-	41,556	27,984	13,571	4,958	19,282	1,531	130	-	2,505
230	Florida	Industrial Service	(1,136,759)	-	-	2,296,878	1,513,807	783,071	116,757	434,720	62,913	3,344	-	91,180
246	Florida	Industrial Service	(750,619)	-	(1,277)	1,527,085	1,527,085	-	99,174	370,038	48,650	3,490	1,207	72,756
247	Florida	Industrial Service	(34,239)	-	-	69,964	69,964	-	5,914	22,021	2,245	153	46	3,316
255	Florida	Industrial Service	(13,243,225)	-	(10,509)	25,932,713	17,858,286	8,074,427	1,861,898	6,941,643	700,190	33,667	-	1,015,692
257	Florida	Industrial Service	(5,916,794)	-	(6,775)	11,825,734	7,869,459	3,956,275	638,500	2,382,361	324,588	15,533	-	471,985
296	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-	-	-
615	Florida	Industrial Service	-	-	-	-	-	-	-	-	-	-	-	-
620	Florida	Industrial Service	-	-	-	99,723	60,933	38,790	8,636	33,583	3,594	318	-	5,883
623	Florida	Industrial Service	-	-	-	28,631	17,029	11,602	2,395	9,316	969	253	-	1,596
625	Florida	Industrial Service	-	-	-	34,628	23,034	11,594	2,388	9,285	1,155	304	-	1,924
627	Florida	Industrial Service	-	-	-	51,681	31,311	20,370	3,995	15,501	1,584	156	-	3,038
834	Florida	Industrial Service	-	-	-	46,497	29,790	16,707	3,668	14,263	1,693	148	-	2,770
835	Florida	Industrial Service	-	-	-	516,075	339,813	176,263	29,874	116,147	18,975	1,568	-	31,027
	Florida	**Industrial Service**	(30,600,671)	(1,533,195)	-	87,986,316	62,461,723	25,524,593	6,681,535	25,346,449	3,082,723	202,287	-	4,653,964
16	Florida	Public Street & Highway Lighting	-	-	-	87,689	87,689	-	2,180	3,825	2,940	633	100	841
17	Florida	Public Street & Highway Lighting	-	-	-	545,533	545,533	-	14,470	25,394	18,582	3,390	495	5,279
28	Florida	Public Street & Highway Lighting	-	-	-	9,133	9,133	-	18	67	248	56	33	383
53	Florida	Public Street & Highway Lighting	-	-	-	1,641	1,161	480	123	478	-	-	-	-
60	Florida	Public Street & Highway Lighting	-	-	-	4,235	4,235	-	427	1,758	164	19	0	318
70	Florida	Public Street & Highway Lighting	-	-	-	3,129	3,129	-	238	924	85	27	17	171
115	Florida	Public Street & Highway Lighting	-	-	-	-	-	-	-	-	-	-	-	-
116	Florida	Public Street & Highway Lighting	-	-	-	57,124	57,124	-	1,510	2,651	1,945	362	52	552

Rate Code	Business Area	ADID	Gross Interruptible Dem Credit	Gross Curtailable Dem Credit	Meter Voltage Adjustment	Total Fuel Charge	Non TOU Off Peak Fuel	On Peak Fuel	Energy Conservation Cost Recov	Capacity Cost Recovery	Environment Cost Recovery	Storm Cost Recovery	Storm Protection Plan Cost Recovery	Asset Securitization Amount
	Florida	**Public Street & Highway Lighting**	-	-	-	515,290	515,290	-	18,605	33,695	18,776	2,288	(190)	3,701
1	Florida	Other Sales to Public Authority	-	-	-	20	20	-	-	-	1	0	0	2
16	Florida	Other Sales to Public Authority	-	-	-	619,091	619,091	-	16,036	28,145	20,995	3,918	620	5,988
17	Florida	Other Sales to Public Authority	-	-	-	3,726,715	3,726,715	-	98,825	173,451	126,982	23,469	3,374	35,986
21	Florida	Other Sales to Public Authority	-	-	(3,161)	1,328,371	904,544	423,828	49,720	189,017	45,984	6,409	1,725	78,862
22	Florida	Other Sales to Public Authority	-	-	(927)	78,552	54,765	23,787	15,999	61,993	2,832	150	98	4,709
26	Florida	Other Sales to Public Authority	(33,939)	-	-	90,425	60,416	30,009	4,802	17,916	3,066	152	-	4,464
27	Florida	Other Sales to Public Authority	-	-	-	254,694	254,694	-	17,852	64,687	8,645	534	-	11,639
28	Florida	Other Sales to Public Authority	-	-	-	148,398	148,398	-	4,918	17,821	4,499	634	289	6,482
44	Florida	Other Sales to Public Authority	(25,807)	-	-	31,021	31,021	-	3,577	13,346	1,029	54	-	1,500
46	Florida	Other Sales to Public Authority	(393,260)	-	(535)	617,739	617,739	-	65,794	245,491	19,691	1,461	434	29,450
47	Florida	Other Sales to Public Authority	(172,474)	-	-	276,074	276,074	-	28,239	105,145	8,848	623	165	13,181
50	Florida	Other Sales to Public Authority	-	-	-	1,782,141	1,246,168	535,973	153,761	632,980	58,487	6,719	-	112,772
53	Florida	Other Sales to Public Authority	-	-	-	33,383,691	20,938,399	12,445,292	3,050,094	11,860,465	980,662	89,264	-	1,605,822
54	Florida	Other Sales to Public Authority	-	-	(30,811)	16,165,770	10,827,957	5,337,814	1,148,734	4,466,106	479,119	43,044	-	782,343
57	Florida	Other Sales to Public Authority	(194,275)	-	(562)	655,480	435,603	219,877	34,678	129,390	17,728	828	-	25,812
60	Florida	Other Sales to Public Authority	-	-	-	10,823,723	10,823,723	-	936,431	3,854,792	402,055	66,183	12,173	801,627
61	Florida	Other Sales to Public Authority	-	-	-	869	869	-	90	369	34	3	-	67
62	Florida	Other Sales to Public Authority	-	-	(110)	31,961	31,961	-	2,686	11,053	1,177	215	41	2,358
66	Florida	Other Sales to Public Authority	-	-	-	6,068	6,068	-	513	2,111	223	35	8	450
67	Florida	Other Sales to Public Authority	-	-	-	59,657	59,657	-	3,843	13,931	1,996	140	18	2,711
69	Florida	Other Sales to Public Authority	-	-	-	78,937	49,649	29,289	5,209	20,257	2,853	280	-	4,667
70	Florida	Other Sales to Public Authority	-	-	-	14,169,459	14,169,459	-	1,653,046	6,428,110	487,903	60,454	14,029	824,031
71	Florida	Other Sales to Public Authority	-	-	-	2,042	2,042	-	303	1,180	73	9	-	118
72	Florida	Other Sales to Public Authority	-	-	(2,232)	995,671	995,671	-	112,534	437,515	34,447	4,048	922	57,967
76	Florida	Other Sales to Public Authority	-	-	-	7,755	7,755	-	547	1,974	267	17	-	354
83	Florida	Other Sales to Public Authority	-	-	(32,439)	12,510,173	8,244,320	4,265,853	741,710	2,882,873	377,247	34,448	-	614,981
85	Florida	Other Sales to Public Authority	-	(137,217)	(663)	501,893	347,065	154,828	12,075	41,745	15,659	2,084	-	16,461
90	Florida	Other Sales to Public Authority	-	-	-	4,599	4,599	-	469	1,930	178	23	-	344
100	Florida	Other Sales to Public Authority	-	-	-	65,665	43,430	22,235	6,798	27,985	2,586	342	-	4,983
115	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	-	-	-	-	-
116	Florida	Other Sales to Public Authority	-	-	-	60,012	60,012	-	1,585	2,782	2,044	376	56	580
145	Florida	Other Sales to Public Authority	-	-	-	1,509,298	1,021,825	487,473	94,399	367,008	55,665	4,921	-	90,913
169	Florida	Other Sales to Public Authority	-	-	-	444,829	277,131	167,698	40,755	158,491	16,128	1,365	-	26,364
171	Florida	Other Sales to Public Authority	-	-	-	224,029	224,029	-	19,003	73,899	8,092	650	-	13,249
230	Florida	Other Sales to Public Authority	(110,438)	-	-	221,283	147,075	74,208	13,131	48,892	6,156	265	-	9,002
247	Florida	Other Sales to Public Authority	(101,536)	-	-	209,556	209,556	-	24,430	90,963	6,680	484	147	9,997
257	Florida	Other Sales to Public Authority	(629,010)	-	(625)	1,252,458	843,650	408,807	67,350	251,295	35,362	1,791	-	51,471
615	Florida	Other Sales to Public Authority	-	-	-	-	-	-	-	-	-	-	-	-
834	Florida	Other Sales to Public Authority	-	-	-	100,007	66,122	33,885	7,085	27,552	3,778	-	-	6,168
	Florida	**Other Sales to Public Authority**	(1,529,068)	(114,749)	-	84,275,038	63,900,290	20,374,748	7,229,501	28,064,300	3,080,648	295,432	190	4,956,355
	Florida	**Retail**	**(39,399,573)**	**(1,839,901)**	**(88,597)**	**1,175,732,295**	**1,049,140,037**	**126,592,258**	**105,563,526**	**426,866,521**	**43,388,514**	**6,184,388**	**566,207**	**78,378,823**
		CHECKS:												
		Residential	-	-	-	101,058,870	101,058,098	771	-	-	2,918,156	1,621,066	913,340	7,301,612
		Commercial	(835,522)	(141)	(51,425)	65,100,131	51,920,734	13,179,397	4,056,780	15,757,921	708,549	261,501	155,675	1,495,299
		Industrial	(3,894,125)	(361,305)	(53,703)	19,752,808	14,285,531	5,467,277	1,288,936	4,875,654	93,705	30,798	19,066	173,100
		Lighting	-	-	-	193,192	192,712	480	361	1,402	5,190	2,199	889	3,844
		OPA	(131,670)	(22,468)	(72,066)	18,163,090	13,876,983	4,286,107	1,207,519	4,688,359	158,523	59,959	33,910	301,522

Rate Code	Business Area	ADID	Regulatory Assessment Fee	Gross Receipts Tax	Total Franchise	Net Revenue w o Franchise	Net Revenue W Franchise
1	Florida	Residential Sales	7,568,179	44,939,229	50,176,555	2,099,507,668	2,149,684,223
17	Florida	Residential Sales	9,966	46,939	27,965	2,982,160	3,010,125
51	Florida	Residential Sales	230	1,445	1,725	66,977	68,702
91	Florida	Residential Sales	2,512,177	15,583,352	17,885,468	722,979,573	740,865,040
201	Florida	Residential Sales	82,070	469,282	511,064	22,059,755	22,570,820
291	Florida	Residential Sales	42,371	249,812	280,979	11,688,341	11,969,320
	Florida	**Residential Sales**	42,371	61,290,058	59,547,341	2,451,636,155	2,511,183,496
1	Florida	Commercial Sales	56	-	56	2,258	2,314
8	Florida	Commercial Sales	-	165	320	6,599	6,919
17	Florida	Commercial Sales	40,791	193,465	263,070	15,421,875	15,684,945
21	Florida	Commercial Sales	700	235	-	37,401	37,401
22	Florida	Commercial Sales	1,603	9,327	3,385	437,203	440,589
28	Florida	Commercial Sales	71,984	339,114	401,437	16,443,894	16,845,331
30	Florida	Commercial Sales	2,099	11,289	8,513	535,505	544,019
45	Florida	Commercial Sales	-	3,403	-	136,120	136,120
47	Florida	Commercial Sales	1,571	7,308	22,106	355,181	377,287
50	Florida	Commercial Sales	32,003	146,647	196,930	7,146,272	7,343,202
52	Florida	Commercial Sales	19	(0)	13	751	764
53	Florida	Commercial Sales	2,104,927	9,792,468	15,438,778	475,817,483	491,256,261
54	Florida	Commercial Sales	277,708	1,250,826	1,667,840	61,445,920	63,113,760
57	Florida	Commercial Sales	8,239	38,612	110,781	1,897,772	2,008,552
60	Florida	Commercial Sales	946,927	4,947,258	7,554,291	235,769,223	243,323,513
61	Florida	Commercial Sales	-	1,200	1,463	47,990	49,453
62	Florida	Commercial Sales	5,588	17,802	50,118	937,034	987,152
66	Florida	Commercial Sales	197	948	1,101	45,813	46,914
67	Florida	Commercial Sales	205	-	211	8,266	8,477
69	Florida	Commercial Sales	-	180,010	63,165	7,200,382	7,263,547
70	Florida	Commercial Sales	1,109,736	5,832,665	9,248,128	277,708,214	286,956,342
71	Florida	Commercial Sales	-	6,518	9,317	260,718	270,034
72	Florida	Commercial Sales	11,335	59,672	87,725	2,860,670	2,948,395
75	Florida	Commercial Sales	119	-	-	4,762	4,762
76	Florida	Commercial Sales	-	1,013	1,054	40,796	41,850
90	Florida	Commercial Sales	-	759	1,007	30,356	31,363
95	Florida	Commercial Sales	-	-	-	-	-
96	Florida	Commercial Sales	-	-	-	-	-
100	Florida	Commercial Sales	-	20,656	27,067	826,227	853,295
102	Florida	Commercial Sales	-	239	600	9,574	10,174
104	Florida	Commercial Sales	1,124	3,837	12,225	198,445	210,670
105	Florida	Commercial Sales	-	137	338	5,464	5,801
107	Florida	Commercial Sales	-	37,129	88,707	1,485,163	1,573,870
115	Florida	Commercial Sales	-	-	-	-	-
145	Florida	Commercial Sales	-	18,547	24,065	741,893	765,958
169	Florida	Commercial Sales	-	662,633	948,172	26,505,348	27,453,520
230	Florida	Commercial Sales	62,814	302,813	526,138	14,654,765	15,180,903
246	Florida	Commercial Sales	1,804	8,289	22,172	408,875	431,048
247	Florida	Commercial Sales	-	-	-	-	-
257	Florida	Commercial Sales	16,700	73,059	58,639	3,679,864	3,738,503
280	Florida	Commercial Sales	481	-	417	19,251	19,668
615	Florida	Commercial Sales	-	-	-	-	-
622	Florida	Commercial Sales	-	26,572	-	1,062,863	1,062,863
829	Florida	Commercial Sales	-	332	832	13,275	14,107
834	Florida	Commercial Sales	-	148,745	209,058	5,949,790	6,158,848
835	Florida	Commercial Sales	-	101,028	84,109	4,041,105	4,125,214
851	Florida	Commercial Sales	-	40,385	-	1,615,394	1,615,394
	Florida	**Commercial Sales**	-	24,285,103	31,279,251	971,405,517	1,002,684,768
66	Florida	Company Use	462	-	-	18,476	18,476

Rate Code	Business Area	ADID	Regulatory Assessment Fee	Gross Receipts Tax	Total Franchise	Net Revenue w o Franchise	Net Revenue W Franchise
60	Florida	Company Use	25,943	-	-	1,037,721	1,037,721
17	Florida	Company Use	819	-	-	96,263	96,263
	Florida	**Company Use**	-	-	-	-	-
17	Florida	Industrial Service	725	3,436	4,749	229,789	204,554
20	Florida	Industrial Service	-	2,637	-	105,472	92,777
21	Florida	Industrial Service	11,825	35,403	80,731	1,780,593	1,861,325
22	Florida	Industrial Service	368	1,896	-	95,807	95,807
23	Florida	Industrial Service	11,927	16,420	-	1,133,871	1,133,871
24	Florida	Industrial Service	250	3,846	-	163,826	163,826
25	Florida	Industrial Service	34,126	111,899	-	5,841,026	5,841,026
30	Florida	Industrial Service	901	2,012	7,276	117,390	124,665
46	Florida	Industrial Service	30,879	151,857	117,394	7,362,228	7,479,622
47	Florida	Industrial Service	77	354	-	17,258	17,258
50	Florida	Industrial Service	3,759	15,593	31,581	774,138	805,720
52	Florida	Industrial Service	326	1,869	-	88,254	88,254
53	Florida	Industrial Service	217,942	1,076,461	1,521,016	51,913,911	53,434,927
54	Florida	Industrial Service	91,142	400,183	267,675	19,735,383	20,003,059
55	Florida	Industrial Service	11,112	50,530	-	2,476,050	2,476,050
57	Florida	Industrial Service	118,413	372,258	124,903	19,672,140	19,797,044
59	Florida	Industrial Service	-	385	-	15,393	15,393
60	Florida	Industrial Service	31,033	156,049	250,676	7,484,331	7,735,007
62	Florida	Industrial Service	1,777	9,630	-	459,010	459,010
66	Florida	Industrial Service	4	22	57	1,038	1,095
70	Florida	Industrial Service	85,183	419,896	605,786	20,203,536	20,809,322
72	Florida	Industrial Service	4,948	23,347	39,784	1,142,071	1,181,854
85	Florida	Industrial Service	11,245	65,947	-	3,087,686	3,087,686
95	Florida	Industrial Service	3	52	81	67,904	67,985
96	Florida	Industrial Service	-	55	63	3,199	3,263
100	Florida	Industrial Service	-	1,829	119	73,160	73,279
107	Florida	Industrial Service	-	139	347	5,562	5,908
115	Florida	Industrial Service	-	-	-	(1)	(1)
123	Florida	Industrial Service	-	76,190	-	3,047,615	3,047,615
156	Florida	Industrial Service	-	327,160	-	13,086,403	13,086,403
169	Florida	Industrial Service	-	2,913	-	116,501	116,501
230	Florida	Industrial Service	18,069	82,199	191,759	4,016,040	4,207,799
246	Florida	Industrial Service	14,623	57,064	31,321	2,879,069	2,910,390
247	Florida	Industrial Service	715	3,255	9,938	158,811	168,750
255	Florida	Industrial Service	209,680	794,369	-	40,162,130	40,162,130
257	Florida	Industrial Service	93,582	411,939	305,900	20,309,886	20,615,786
296	Florida	Industrial Service	-	47	-	2,271	2,271
615	Florida	Industrial Service	-	-	-	-	-
620	Florida	Industrial Service	-	6,280	-	251,180	251,180
623	Florida	Industrial Service	-	1,585	3,911	63,413	-
625	Florida	Industrial Service	-	1,704	-	68,168	68,168
627	Florida	Industrial Service	-	3,487	8,785	139,489	148,274
834	Florida	Industrial Service	-	3,386	1,887	135,445	137,332
835	Florida	Industrial Service	-	33,321	3,192	1,332,837	1,336,029
	Florida	**Industrial Service**	-	4,728,904	3,162,600	189,156,321	192,318,921
16	Florida	Public Street & Highway Lighting	1,047	3,794	5,563	193,679	199,242
17	Florida	Public Street & Highway Lighting	4,980	23,816	24,362	2,109,026	2,133,388
28	Florida	Public Street & Highway Lighting	624	23	1,488	25,894	27,382
53	Florida	Public Street & Highway Lighting	110	-	143	4,412	4,556
60	Florida	Public Street & Highway Lighting	8	441	1,011	17,966	14,876
70	Florida	Public Street & Highway Lighting	222	-	535	8,883	9,419
115	Florida	Public Street & Highway Lighting	-	-	-	-	-
116	Florida	Public Street & Highway Lighting	517	2,440	7,002	118,250	125,252

Rate Code	Business Area	ADID	Regulatory Assessment Fee	Gross Receipts Tax	Total Franchise	Net Revenue w o Franchise	Net Revenue W Franchise
	Florida	**Public Street & Highway Lighting**	(4,297)	30,513	26,427	1,048,819	1,075,246
1	Florida	Other Sales to Public Authority	2	-	4	90	94
16	Florida	Other Sales to Public Authority	6,303	26,794	39,547	1,323,829	1,363,376
17	Florida	Other Sales to Public Authority	34,050	161,189	203,288	14,565,311	14,768,600
21	Florida	Other Sales to Public Authority	18,423	64,817	-	3,329,606	3,329,606
22	Florida	Other Sales to Public Authority	2,021	9,974	-	483,225	483,225
26	Florida	Other Sales to Public Authority	-	4,382	9,478	175,266	184,745
27	Florida	Other Sales to Public Authority	-	22,567	28,785	902,656	931,441
28	Florida	Other Sales to Public Authority	6,338	6,157	9,719	499,789	509,507
44	Florida	Other Sales to Public Authority	-	1,885	-	75,400	75,400
46	Florida	Other Sales to Public Authority	6,170	27,753	32,113	1,367,260	1,399,373
47	Florida	Other Sales to Public Authority	2,486	13,659	3,768	645,780	649,548
50	Florida	Other Sales to Public Authority	26,691	129,457	166,185	6,246,463	6,412,647
53	Florida	Other Sales to Public Authority	437,598	2,025,076	3,166,467	98,532,130	101,698,597
54	Florida	Other Sales to Public Authority	191,064	851,620	471,036	42,093,137	42,564,173
57	Florida	Other Sales to Public Authority	5,956	24,385	74,750	1,221,565	1,296,315
60	Florida	Other Sales to Public Authority	159,877	941,751	1,466,186	44,072,573	45,538,759
61	Florida	Other Sales to Public Authority	-	89	203	3,549	3,752
62	Florida	Other Sales to Public Authority	633	3,220	9,174	154,853	164,027
66	Florida	Other Sales to Public Authority	199	1,002	2,429	48,094	50,523
67	Florida	Other Sales to Public Authority	359	4,030	10,516	175,587	186,103
69	Florida	Other Sales to Public Authority	-	5,029	12,438	201,160	213,597
70	Florida	Other Sales to Public Authority	208,109	979,017	1,372,062	47,503,041	48,875,103
71	Florida	Other Sales to Public Authority	-	187	457	7,486	7,943
72	Florida	Other Sales to Public Authority	12,696	66,920	96,149	3,211,874	3,308,023
76	Florida	Other Sales to Public Authority	-	731	806	29,287	30,093
83	Florida	Other Sales to Public Authority	118,799	576,492	-	27,839,106	27,839,106
85	Florida	Other Sales to Public Authority	4,384	21,461	-	1,047,983	1,047,983
90	Florida	Other Sales to Public Authority	-	509	1,208	20,339	21,547
100	Florida	Other Sales to Public Authority	-	6,191	7,920	247,640	255,560
115	Florida	Other Sales to Public Authority	-	-	-	-	-
116	Florida	Other Sales to Public Authority	554	2,586	6,616	125,619	132,235
145	Florida	Other Sales to Public Authority	-	85,779	65,839	3,431,148	3,496,987
169	Florida	Other Sales to Public Authority	-	30,019	40,383	1,200,757	1,241,140
171	Florida	Other Sales to Public Authority	-	15,235	24,027	609,382	633,409
230	Florida	Other Sales to Public Authority	1,810	8,243	-	402,222	402,222
247	Florida	Other Sales to Public Authority	2,497	11,817	-	572,581	572,581
257	Florida	Other Sales to Public Authority	8,764	44,461	-	2,162,340	2,162,340
615	Florida	Other Sales to Public Authority	-	-	-	-	-
834	Florida	Other Sales to Public Authority	-	7,008	-	280,324	280,324
	Florida	**Other Sales to Public Authority**	4,297	6,181,491	6,170,801	247,432,434	253,603,235
	Florida	**Retail**	**8,625,618**	**96,516,068**	**108,587,056**	**4,212,018,890**	**4,320,548,893**

CHECKS:				
Residential	10,172,622	-	9,336,414	407,648,319	416,984,733
Commercial	4,698,731	-	5,854,095	194,410,239	200,264,334
Industrial	1,004,632	-	446,333	40,662,965	40,999,294
Lighting	11,804	-	13,678	1,429,292	1,438,867
OPA	1,251,482	-	1,150,751	57,376,016	58,526,767

Month	Rate Code	Rate Class	Business Area	ADID	Rate Category	Billed Accounts	Total KWH	Non TOU/ Off Peak KWH	On Peak KWH	Customer Charge	Energy Charge	Non TOU/ Off Peak Energy
Jan	291	#REF!	Florida	Residential Sales		12,849	8,368,307	8,368,307		146,946	547,983	547,983
Feb	291	#REF!	Florida	Residential Sales		13,206	8,291,794	8,291,794		151,131	536,850	536,850
Mar	291	#REF!	Florida	Residential Sales		13,783	7,319,216	7,319,216		138,504	467,323	467,323
Apr	291	#REF!	Florida	Residential Sales		13,255	7,116,154	7,116,154		134,640	460,011	460,011
May	291	#REF!	Florida	Residential Sales		13,104	6,932,120	6,932,120		129,505	451,395	451,395
Jun	291	#REF!	Florida	Residential Sales		12,653	7,227,054	7,227,054		124,231	477,764	477,764
Jul	291	#REF!	Florida	Residential Sales		12,096	7,219,912	7,219,912		122,713	479,045	479,045
Aug	291	#REF!	Florida	Residential Sales		12,438	7,367,403	7,367,403		121,141	490,253	490,253
Sep	291	#REF!	Florida	Residential Sales		12,629	7,818,047	7,818,047		122,711	522,982	522,982
Oct	291	#REF!	Florida	Residential Sales		12,515	6,796,851	6,796,851		118,850	448,939	448,939
Nov	291	#REF!	Florida	Residential Sales	FLER_RSSL1	12,534	5,800,527	5,800,527	-	143,824	376,441	376,441
Dec	291	#REF!	Florida	Residential Sales	FLER_RSSL1	12,503	6,019,746	6,019,746	-	143,644	388,267	388,267
Dec		#REF!	Florida	**Total Sales**	**Total:**	**12,503**	**6,019,746**	**6,019,746**	**-**	**143,644**	**388,267**	**388,267**

Month	Rate Code	Rate Class	Business Area	ADID	On Peak Energy	Billed Metering Voltage Adjustment	KW Billed	KW Actual TOU Base	KW On Peak	Billed Demand	Delivery Voltage Credit	Standby Demand Charge
Jan	291	#REF!	Florida	Residential Sales	-	-					-	-
Feb	291	#REF!	Florida	Residential Sales	-	-					-	-
Mar	291	#REF!	Florida	Residential Sales	-	-					-	-
Apr	291	#REF!	Florida	Residential Sales	-	0					-	-
May	291	#REF!	Florida	Residential Sales	-	-					-	-
Jun	291	#REF!	Florida	Residential Sales	-	-					-	-
Jul	291	#REF!	Florida	Residential Sales	-	-					-	-
Aug	291	#REF!	Florida	Residential Sales	-	-					-	-
Sep	291	#REF!	Florida	Residential Sales	-	-					-	-
Oct	291	#REF!	Florida	Residential Sales	-	-					-	-
Nov	291	#REF!	Florida	Residential Sales	-	-	-	-	-	-	-	-
Dec	291	#REF!	Florida	Residential Sales	-	-	-	-	-	-	-	-
Dec		#REF!	Florida	**Total Sales**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Month	Rate Code	Rate Class	Business Area	ADID	Power Factor Adjustment	Base Revenue	Load Management Credit	Standby Demand Credit	Gross Interruptible Dem Credit	Gross Curtailable Dem Credit	Meter Voltage Adjustment	Total Fuel Charge	Non TOU Off Peak Fuel
Jan	291	#REF!	Florida	Residential Sales	-	694,929	(48,250)		-	-		248,766	248,766
Feb	291	#REF!	Florida	Residential Sales	-	687,980	(45,878)		-	-		242,858	242,858
Mar	291	#REF!	Florida	Residential Sales	-	605,827	(30,731)		-	-		210,511	210,511
Apr	291	#REF!	Florida	Residential Sales	-	594,651.01	(21,719)		-	-		205,259.64	205,259.64
May	291	#REF!	Florida	Residential Sales	-	580,900.19	(22,591)		-	-		201,849	201,849
Jun	291	#REF!	Florida	Residential Sales	-	601,994.34	(25,393)		-	-		214,561.63	214,561.63
Jul	291	#REF!	Florida	Residential Sales	-	601,757.07	(25,242)		-	-		215,369.10	215,369.10
Aug	291	#REF!	Florida	Residential Sales	-	611,394.05	(25,961)		-	-		220,538.39	220,538.39
Sep	291	#REF!	Florida	Residential Sales	-	645,693.16	(27,654)		-	-		268,133.10	268,133.10
Oct	291	#REF!	Florida	Residential Sales	-	567,788.06	(24,120)		-	-		229,895.56	229,895.56
Nov	291	#REF!	Florida	Residential Sales	-	643,070	(24,109)	-	-	-	-	192,355	192,355
Dec	291	#REF!	Florida	Residential Sales	-	660,742	(23,632)	-	-	-	-	198,239	198,239
Dec		#REF!	Florida	**Total Sales**	**-**	**660,742**	**(23,632)**	**-**	**-**	**-**	**-**	**198,239**	**198,239**

Month	Rate Code	Rate Class	Business Area	ADID	On Peak Fuel	Energy Conservation Cost Recov	Capacity Cost Recovery	Environment Cost Recovery	Storm Cost Recovery	Storm Protection Plan Cost Recovery	Asset Securitization Amount	Regulatory Assessment Fee	Gross Receipts Tax	Total Franchise
Jan	291	#REF!	Florida	Residential Sales	-	28,294	117,597	10,880	37		21,013		27,518	24,414
Feb	291	#REF!	Florida	Residential Sales	-	28,034	116,533	10,784	(10)		20,819		27,207	26,146
Mar	291	#REF!	Florida	Residential Sales	-	24,741	102,843	9,517	-		17,933		24,116	22,009
Apr	291	#REF!	Florida	Residential Sales	-	24,053.90	99,988.34	9,251.79	-		17,435.52		23,815.49	22,516.42
May	291	#REF!	Florida	Residential Sales	-	23,431	97396.16	9,012	-		16,983		23,252	22,551
Jun	291	#REF!	Florida	Residential Sales	-	24,429.98	101,552.76	9,396.86	-		17,708.01		24,206.71	23,836.30
Jul	291	#REF!	Florida	Residential Sales	-	24,403.35	101,439.90	9,387.00	125.41		17,688.72		24,223.02	23,969.16
Aug	291	#REF!	Florida	Residential Sales	-	24,909.85	103,544.03	9,581.08	4,052.80		18,055.92		24,767.66	25,014.80
Sep	291	#REF!	Florida	Residential Sales	-	26,442.65	109,914.75	10,171.29	4,301.74		19,400.99		27,083.88	26,302.06
Oct	291	#REF!	Florida	Residential Sales	-	22,978.87	95,516.17	8,838.28	3,739.55		16,859.26		23,622.94	23,156.17
Nov	291	#REF!	Florida	Residential Sales	-	-	-	5,742	3,191	1,798	14,385	20,894	-	20,552
Dec	291	#REF!	Florida	Residential Sales	-	-	-	5,959	3,311	1,865	14,928	21,477	-	20,512
Dec		#REF!	Florida	**Total Sales**	**-**	**-**	**-**	**5,959**	**3,311**	**1,865**	**14,928**	**21,477**	**-**	**20,512**

Month	Rate Code	Rate Class	Business Area	ADID	Net Revenue w o Franchise	Net Revenue W Franchise
Jan	291	#REF!	Florida	Residential Sales	1,100,784	1,125,198
Feb	291	#REF!	Florida	Residential Sales	1,088,327	**1,114,473**
Mar	291	#REF!	Florida	Residential Sales	964,757	986,766
Apr	291	#REF!	Florida	Residential Sales	952,737.08	975,254
May	291	#REF!	Florida	Residential Sales	930,231	952,782
Jun	291	#REF!	Florida	Residential Sales	968,457.74	992,294.04
Jul	291	#REF!	Florida	Residential Sales	969,151.43	993,120.59
Aug	291	#REF!	Florida	Residential Sales	990,883.19	1,015,897.99
Sep	291	#REF!	Florida	Residential Sales	1,083,487.53	1,109,789.59
Oct	291	#REF!	Florida	Residential Sales	945,119.06	968,275.23
Nov	291	#REF!	Florida	Residential Sales	835,425	855,977
Dec	291	#REF!	Florida	Residential Sales	858,981	879,493
Dec		#REF!	Florida	**Total Sales**	**858,981**	**879,493**

Sum of Total KWH	Column Labels												
Row Labels	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Residential Sales	**1,573,844,021**	**1,458,134,685**	**1,456,424,094**	**1,482,700,003**	**1,687,567,809**	**2,031,988,273**	**2,105,678,492**	**2,095,815,503**	**2,323,196,520**	**2,019,353,870**	**1,584,734,085**	**1,375,352,064**	**21,194,789,418**
LS	1,937,115	1,925,513	2,153,909	2,039,355	2,045,974	2,032,307	2,042,762	1,942,199	2,062,852	2,063,101	2,065,604	2,062,132	24,372,823
RS	1,571,906,906	1,456,209,172	1,454,270,185	1,480,660,648	1,685,521,835	2,029,955,966	2,103,635,730	2,093,873,304	2,321,133,668	2,017,290,769	1,582,668,480	1,373,289,932	21,170,416,596
Commercial Sales	**816,944,497**	**783,756,482**	**907,844,328**	**914,951,714**	**963,045,823**	**1,073,497,390**	**1,106,639,985**	**1,092,353,523**	**1,199,180,025**	**1,107,831,743**	**1,000,724,770**	**874,439,804**	**11,841,210,084**
CS												1,926	1,926
GS-1	110,376,855	111,991,601	128,914,076	136,053,245	140,115,350	170,400,710	171,310,550	171,516,549	193,013,334	174,677,292	151,246,635	127,815,461	1,787,431,658
GS-2	15,752,306	15,066,218	16,711,381	16,243,375	15,843,812	16,444,366	16,696,712	15,600,679	17,275,617	16,865,351	16,884,097	16,180,539	195,564,453
GSD	653,285,245	620,063,122	721,001,262	722,518,722	765,326,635	841,091,381	873,504,944	859,017,776	940,624,605	869,561,577	787,724,890	689,230,247	9,342,950,406
IS	25,376,778	24,604,938	28,775,078	27,981,633	29,667,444	33,398,119	33,012,474	34,322,300	36,193,858	34,574,392	32,561,933	28,927,762	369,396,709
LS	11,698,024	11,652,370	12,050,758	11,844,041	11,778,543	11,762,804	11,776,567	11,571,366	11,729,131	11,771,110	11,736,180	11,723,517	141,094,412
RS											2,351	12,338	14,689
SS-1	455,289	378,233	391,773	310,698	314,039	400,010	338,738	324,853	343,480	382,021	568,683	548,014	4,755,831
Industrial Service	**259,588,459**	**277,512,484**	**274,983,003**	**299,663,699**	**240,944,342**	**311,697,752**	**288,546,373**	**282,296,411**	**311,990,191**	**290,684,088**	**290,769,431**	**289,079,194**	**3,417,755,427**
CS	4,115,248	7,036,978	365,466	3,643,253	3,625,128	3,369,728	4,009,787	3,630,905	3,859,077	3,756,835	3,931,537	3,603,812	44,947,754
GS-1	4,702,437	5,241,818	5,513,927	5,523,194	5,606,637	5,999,184	5,973,319	6,801,665	7,030,604	6,580,522	6,256,008	5,116,947	70,346,263
GSD	75,458,157	82,473,027	82,280,995	86,845,847	88,977,675	86,476,727	93,161,445	93,660,739	98,436,487	96,323,074	92,499,210	81,645,324	1,058,238,707
IS	162,182,825	165,055,397	174,578,882	181,996,884	133,048,225	200,239,395	174,028,817	167,025,361	185,774,238	170,167,514	173,893,054	181,876,897	2,069,867,489
LS	207,296	203,474	216,127	206,262	211,661	212,859	211,103	209,392	212,301	210,743	209,480	209,461	2,520,159
SS-1	1,704,395	3,130,280	998,034	1,269,474	1,495,754	1,614,902	949,201	1,523,767	2,128,661	1,045,807	2,656,486	2,551,846	21,068,607
SS-2	3,971,269	3,241,729	10,186,358	11,627,918	4,912,325	8,356,134	5,037,690	4,123,790	7,479,485	2,342,127	2,424,013	4,083,799	67,786,638
SS-3	7,246,832	11,129,781	843,214	8,550,867	3,066,937	5,428,823	5,175,011	5,320,792	7,069,338	10,257,466	8,899,643	9,991,107	82,979,811
Other Sales to Public Authority	**230,775,437**	**224,416,879**	**252,044,915**	**251,689,299**	**263,391,627**	**273,106,518**	**272,048,805**	**285,748,280**	**319,215,320**	**304,693,576**	**284,238,945**	**243,793,928**	**3,205,163,529**
CS	1,411,462	1,251,066	1,341,917	1,393,288	1,235,815	1,375,566	1,322,265	1,492,754	1,382,193	1,292,709	1,311,127	1,287,949	16,098,111
GS-1	26,280,943	27,682,833	32,348,552	31,197,527	35,119,603	37,168,960	33,033,900	33,523,203	42,451,364	38,839,950	31,106,907	25,341,482	394,095,224
GS-2	1,270,091	1,181,288	1,283,148	1,225,970	1,171,938	1,200,612	1,213,499	1,123,802	1,258,038	1,250,630	1,188,531	1,177,999	14,545,546
GSD	176,377,611	170,445,894	191,737,741	193,023,599	203,067,847	211,873,258	214,986,934	225,931,445	247,164,388	236,880,521	225,053,152	191,167,128	2,487,709,519
IS	8,480,594	7,833,637	8,262,676	8,370,384	8,450,830	8,818,436	8,806,597	9,266,576	10,572,228	9,779,675	8,997,996	7,975,965	105,615,593
LS	12,233,846	12,022,236	12,216,045	11,882,327	11,849,611	11,723,714	11,738,499	11,475,052	11,808,535	11,877,972	11,850,073	11,977,794	142,655,704
RS												625	625
SS-1	4,720,890	3,999,925	4,854,836	4,596,204	2,495,983	945,972	947,111	2,935,448	4,578,574	4,772,119	4,731,158	4,864,986	44,443,207
Public Street & Highway Lighting	**1,936,172**	**1,865,227**	**1,889,948**	**1,819,165**	**1,831,384**	**1,864,378**	**1,869,326**	**1,838,719**	**1,891,249**	**1,867,589**	**2,111,855**	**2,094,735**	**22,879,748**
GS-1	14,149	12,266	13,024	13,627	12,249	12,479	12,824	12,288	14,827	13,290	890	890	132,803
GS-2	988	834	865	877	791	825	836	705	809	755	126,204	126,204	260,693
GSD											73,390	63,813	137,203
LS	1,921,035	1,852,127	1,876,059	1,804,661	1,818,344	1,851,074	1,855,666	1,825,726	1,875,613	1,853,544	1,911,371	1,903,828	22,349,049
Company Use											**3,958,687**	**4,700,237**	**8,658,925**
GS-1											3,716,630	4,458,215	8,174,845
LS											242,058	242,022	484,080
Grand Total	**2,883,088,586**	**2,745,685,757**	**2,893,186,288**	**2,950,823,880**	**3,156,780,985**	**3,692,154,311**	**3,774,782,981**	**3,758,052,436**	**4,155,473,305**	**3,724,430,866**	**3,166,537,772**	**2,789,459,963**	**39,690,457,130**

Sum of Total KWH	Column Labels												
Row Labels	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Residential Sales	**54.59%**	**53.11%**	**50.34%**	**50.25%**	**53.46%**	**55.04%**	**55.78%**	**55.77%**	**55.91%**	**54.22%**	**50.05%**	**49.31%**	**53.40%**
LS	0.12%	0.13%	0.15%	0.14%	0.12%	0.10%	0.10%	0.09%	0.09%	0.10%	0.13%	0.15%	0.11%
RS	99.88%	99.87%	99.85%	99.86%	99.88%	99.90%	99.90%	99.91%	99.91%	99.90%	99.87%	99.85%	99.89%
Commercial Sales	**28.34%**	**28.55%**	**31.38%**	**31.01%**	**30.51%**	**29.08%**	**29.32%**	**29.07%**	**28.86%**	**29.74%**	**31.60%**	**31.35%**	**29.83%**
CS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GS-1	13.51%	14.29%	14.20%	14.87%	14.55%	15.87%	15.48%	15.70%	16.10%	15.77%	15.11%	14.62%	15.10%
GS-2	1.93%	1.92%	1.84%	1.78%	1.65%	1.53%	1.51%	1.43%	1.44%	1.52%	1.69%	1.85%	1.65%
GSD	79.97%	79.11%	79.42%	78.97%	79.47%	78.35%	78.93%	78.64%	78.44%	78.49%	78.72%	78.82%	78.90%
IS	3.11%	3.14%	3.17%	3.06%	3.08%	3.11%	2.98%	3.14%	3.02%	3.12%	3.25%	3.31%	3.12%
LS	1.43%	1.49%	1.33%	1.29%	1.22%	1.10%	1.06%	1.06%	0.98%	1.06%	1.17%	1.34%	1.19%
RS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SS-1	0.06%	0.05%	0.04%	0.03%	0.03%	0.04%	0.03%	0.03%	0.03%	0.03%	0.06%	0.06%	0.04%
Industrial Service	**9.00%**	**10.11%**	**9.50%**	**10.16%**	**7.63%**	**8.44%**	**7.64%**	**7.51%**	**7.51%**	**7.80%**	**9.18%**	**10.36%**	**8.61%**
CS	1.59%	2.54%	0.13%	1.22%	1.50%	1.08%	1.39%	1.29%	1.24%	1.29%	1.35%	1.25%	1.32%
GS-1	1.81%	1.89%	2.01%	1.84%	2.33%	1.92%	2.07%	2.41%	2.25%	2.26%	2.15%	1.77%	2.06%
GSD	29.07%	29.72%	29.92%	28.98%	36.93%	27.74%	32.29%	33.18%	31.55%	33.14%	31.81%	28.24%	30.96%
IS	62.48%	59.48%	63.49%	60.73%	55.22%	64.24%	60.31%	59.17%	59.54%	58.54%	59.80%	62.92%	60.56%
LS	0.08%	0.07%	0.08%	0.07%	0.09%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%
SS-1	0.66%	1.13%	0.36%	0.42%	0.62%	0.52%	0.33%	0.54%	0.68%	0.36%	0.91%	0.88%	0.62%
SS-2	1.53%	1.17%	3.70%	3.88%	2.04%	2.68%	1.75%	1.46%	2.40%	0.81%	0.83%	1.41%	1.98%
SS-3	2.79%	4.01%	0.31%	2.85%	1.27%	1.74%	1.79%	1.88%	2.27%	3.53%	3.06%	3.46%	2.43%
Other Sales to Public Authority	**8.00%**	**8.17%**	**8.71%**	**8.53%**	**8.34%**	**7.40%**	**7.21%**	**7.60%**	**7.68%**	**8.18%**	**8.98%**	**8.74%**	**8.08%**
CS	0.61%	0.56%	0.53%	0.55%	0.47%	0.50%	0.49%	0.52%	0.43%	0.42%	0.46%	0.53%	0.50%
GS-1	11.39%	12.34%	12.83%	12.40%	13.33%	13.61%	12.14%	11.73%	13.30%	12.75%	10.94%	10.39%	12.30%
GS-2	0.55%	0.53%	0.51%	0.49%	0.44%	0.44%	0.45%	0.39%	0.39%	0.41%	0.42%	0.48%	0.45%
GSD	76.43%	75.95%	76.07%	76.69%	77.10%	77.58%	79.03%	79.07%	77.43%	77.74%	79.18%	78.41%	77.62%
IS	3.67%	3.49%	3.28%	3.33%	3.21%	3.23%	3.24%	3.24%	3.31%	3.21%	3.17%	3.27%	3.30%
LS	5.30%	5.36%	4.85%	4.72%	4.50%	4.29%	4.31%	4.02%	3.70%	3.90%	4.17%	4.91%	4.45%
RS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SS-1	2.05%	1.78%	1.93%	1.83%	0.95%	0.35%	0.35%	1.03%	1.43%	1.57%	1.66%	2.00%	1.39%
Public Street & Highway Lighting	**0.07%**	**0.07%**	**0.07%**	**0.06%**	**0.06%**	**0.05%**	**0.05%**	**0.05%**	**0.05%**	**0.05%**	**0.07%**	**0.08%**	**0.06%**
GS-1	0.73%	0.66%	0.69%	0.75%	0.67%	0.67%	0.69%	0.67%	0.78%	0.71%	0.04%	0.04%	0.58%
GS-2	0.05%	0.04%	0.05%	0.05%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	5.98%	6.02%	1.14%
GSD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.48%	3.05%	0.60%
LS	99.22%	99.30%	99.27%	99.20%	99.29%	99.29%	99.27%	99.29%	99.17%	99.25%	90.51%	90.89%	97.68%
Company Use	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.13%**	**0.17%**	**0.02%**
GS-1											93.89%	94.85%	94.41%
LS											6.11%	5.15%	5.59%
Grand Total	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**

Sum of Billed Accounts	Column Labels												
Row Labels	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Residential Sales	**1,574,505**	**1,603,152**	**1,754,424**	**1,680,532**	**1,685,817**	**1,611,968**	**1,590,606**	**1,615,822**	**1,695,721**	**1,697,760**	**1,757,556**	**1,752,333**	**20,020,196**
LS	1,532	1,568	1,503	1,476	1,468	1,458	1,458	1,481	1,503	1,468	38,842	38,356	92,113
RS	1,572,973	1,601,584	1,752,921	1,679,056	1,684,349	1,610,510	1,589,148	1,614,341	1,694,218	1,696,292	1,718,714	1,713,977	19,928,083
Commercial Sales	**173,324**	**173,976**	**188,960**	**181,647**	**182,140**	**174,247**	**174,252**	**174,997**	**182,989**	**183,049**	**200,424**	**198,452**	**2,188,457**
CS												12	12
GS-1	115,137	115,675	125,855	121,060	121,410	116,303	116,276	116,768	122,403	122,469	124,465	123,610	1,441,431
GS-2	11,218	11,345	12,323	11,899	11,966	11,252	11,237	11,386	11,904	11,920	11,917	11,906	140,273
GSD	40,756	40,782	44,605	42,534	42,603	40,540	40,575	40,665	42,499	42,467	43,549	43,246	504,821
IS	66	67	75	69	71	67	66	66	71	72	75	73	838
LS	6,144	6,104	6,099	6,082	6,087	6,083	6,095	6,109	6,109	6,118	20,398	19,539	100,967
RS											16	62	78
SS-1	3	3	3	3	3	2	3	3	3	3	4	4	37
Industrial Service	**1,871**	**1,893**	**1,989**	**1,946**	**1,943**	**1,878**	**1,837**	**1,891**	**1,142**	**1,944**	**2,293**	**2,239**	**22,866**
CS	1	2	1	1	1	1		1	2	1	1	1	13
GS-1	755	771	808	792	791	772	748	775	988	800	796	791	9,587
GSD	962	969	1,017	1,003	1,000	956	945	963	42	988	1,018	1,005	10,868
IS	82	84	96	85	87	82	78	84	85	89	116	108	1,076
LS	63	59	59	58	59	60	62	61	1	60	353	328	1,223
SS-1	4	4	2	3	2	3	2	3	3	2	4	2	34
SS-2	3	2	5	3	2	3	2	3	4	3	3	3	36
SS-3	1	2	1	1	1	1		1	17	1	2	1	29
Other Sales to Public Authority	**24,507**	**24,285**	**26,766**	**25,567**	**25,601**	**24,279**	**24,494**	**24,374**	**25,714**	**25,728**	**27,112**	**26,335**	**304,762**
CS	2	2	2	2	2	2	2	1	2	2	2	2	23
GS-1	12,942	12,878	14,388	13,631	13,673	12,878	12,921	12,921	13,738	13,751	13,774	13,634	161,129
GS-2	3,022	3,018	3,260	3,150	3,142	3,002	3,033	3,024	3,167	3,148	2,924	2,902	36,792
GSD	3,810	3,773	4,206	4,023	4,021	3,786	3,791	3,805	4,028	4,040	4,314	4,117	47,714
IS	29	28	30	29	30	30	32	29	30	29	37	35	368
LS	4,698	4,582	4,875	4,728	4,729	4,577	4,711	4,590	4,745	4,754	6,056	5,640	58,685
RS												1	1
SS-1	4	4	5	4	4	4	4	4	4	4	5	4	50
Public Street & Highway Lighting	**1,488**	**1,480**	**1,494**	**1,487**	**1,486**	**1,478**	**1,478**	**1,476**	**1,480**	**1,479**	**1,918**	**1,830**	**18,574**
GS-1	9	9	9	9	9	9	9	9	9	9	5	5	100
GS-2	2	2	2	2	2	2	2	2	2	2	325	325	670
GSD											6	5	11
LS	1,477	1,469	1,483	1,476	1,475	1,467	1,467	1,465	1,469	1,468	1,582	1,495	17,793
Company Use											**507**	**458**	**965**
GS-1											371	344	715
LS											136	114	250
Grand Total	**1,775,695**	**1,804,786**	**1,973,633**	**1,891,179**	**1,896,987**	**1,813,850**	**1,792,667**	**1,818,560**	**1,907,046**	**1,909,960**	**1,989,810**	**1,981,647**	**22,555,820**

Sum of Billed Accounts	Column Labels												
Row Labels	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Residential Sales	**88.67%**	**88.83%**	**88.89%**	**88.86%**	**88.87%**	**88.87%**	**88.73%**	**88.85%**	**88.92%**	**88.89%**	**88.33%**	**88.43%**	**88.76%**
LS	0.10%	0.10%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	2.21%	2.19%	0.46%
RS	99.90%	99.90%	99.91%	99.91%	99.91%	99.91%	99.91%	99.91%	99.91%	99.91%	97.79%	97.81%	99.54%
Commercial Sales	**9.76%**	**9.64%**	**9.57%**	**9.60%**	**9.60%**	**9.61%**	**9.72%**	**9.62%**	**9.60%**	**9.58%**	**10.07%**	**10.01%**	**9.70%**
CS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
GS-1	66.43%	66.49%	66.60%	66.65%	66.66%	66.75%	66.73%	66.73%	66.89%	66.91%	62.10%	62.29%	65.87%
GS-2	6.47%	6.52%	6.52%	6.55%	6.57%	6.46%	6.45%	6.51%	6.51%	6.51%	5.95%	6.00%	6.41%
GSD	23.51%	23.44%	23.61%	23.42%	23.39%	23.27%	23.29%	23.24%	23.22%	23.20%	21.73%	21.79%	23.07%
IS	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%
LS	3.54%	3.51%	3.23%	3.35%	3.34%	3.49%	3.50%	3.49%	3.34%	3.34%	10.18%	9.85%	4.61%
RS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.03%	0.00%
SS-1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial Service	**0.11%**	**0.10%**	**0.10%**	**0.10%**	**0.10%**	**0.10%**	**0.10%**	**0.10%**	**0.06%**	**0.10%**	**0.12%**	**0.11%**	**0.10%**
CS	0.05%	0.11%	0.05%	0.05%	0.05%	0.05%	0.00%	0.05%	0.18%	0.05%	0.04%	0.04%	0.06%
GS-1	40.35%	40.73%	40.62%	40.70%	40.71%	41.11%	40.72%	40.98%	86.51%	41.15%	34.71%	35.33%	41.93%
GSD	51.42%	51.19%	51.13%	51.54%	51.47%	50.91%	51.44%	50.93%	3.68%	50.82%	44.40%	44.89%	47.53%
IS	4.38%	4.44%	4.83%	4.37%	4.48%	4.37%	4.25%	4.44%	7.44%	4.58%	5.06%	4.82%	4.71%
LS	3.37%	3.12%	2.97%	2.98%	3.04%	3.19%	3.38%	3.23%	0.09%	3.09%	15.39%	14.65%	5.35%
SS-1	0.21%	0.21%	0.10%	0.15%	0.10%	0.16%	0.11%	0.16%	0.26%	0.10%	0.17%	0.09%	0.15%
SS-2	0.16%	0.11%	0.25%	0.15%	0.10%	0.16%	0.11%	0.16%	0.35%	0.15%	0.13%	0.13%	0.16%
SS-3	0.05%	0.11%	0.05%	0.05%	0.05%	0.05%	0.00%	0.05%	1.49%	0.05%	0.09%	0.04%	0.13%
Other Sales to Public Authority	**1.38%**	**1.35%**	**1.36%**	**1.35%**	**1.35%**	**1.34%**	**1.37%**	**1.34%**	**1.35%**	**1.35%**	**1.36%**	**1.33%**	**1.35%**
CS	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
GS-1	52.81%	53.03%	53.75%	53.31%	53.41%	53.04%	52.75%	53.01%	53.43%	53.45%	50.80%	51.77%	52.87%
GS-2	12.33%	12.43%	12.18%	12.32%	12.27%	12.36%	12.38%	12.41%	12.32%	12.24%	10.78%	11.02%	12.07%
GSD	15.55%	15.54%	15.71%	15.74%	15.71%	15.59%	15.48%	15.61%	15.66%	15.70%	15.91%	15.63%	15.66%
IS	0.12%	0.12%	0.11%	0.11%	0.12%	0.12%	0.13%	0.12%	0.12%	0.11%	0.14%	0.13%	0.12%
LS	19.17%	18.87%	18.21%	18.49%	18.47%	18.85%	19.23%	18.83%	18.45%	18.48%	22.34%	21.42%	19.26%
RS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SS-1	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
Public Street & Highway Lighting	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.08%**	**0.10%**	**0.09%**	**0.08%**
GS-1	0.60%	0.61%	0.60%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.26%	0.27%	0.54%
GS-2	0.13%	0.14%	0.13%	0.13%	0.13%	0.14%	0.14%	0.14%	0.14%	0.14%	16.94%	17.76%	3.61%
GSD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.31%	0.27%	0.06%
LS	99.26%	99.26%	99.26%	99.26%	99.26%	99.26%	99.26%	99.25%	99.26%	99.26%	82.48%	81.69%	95.80%
Company Use	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.03%**	**0.02%**	**0.00%**
GS-1											73.18%	75.11%	74.09%
LS											26.82%	24.89%	25.91%
Grand Total	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**

BC Customers % Pivot

Legacy system	State	Division	Rate Code	Product IDN	SCHT code	Message Description	Rate Category	Billing Class	Legacy prod	Rev Code	Tarif code	Account determin. ID	Operand
CSS	FL	01	RS-1	SECONDARY	SECONDARY	RESIDENTIAL SERVICE	FLER_RS-1	FLER	1				
CSS	FL	01	GSD-1	SECONDARY	PRIMARY	GENERAL SERVICE DEMAND SE	FLEC_GSDP	FLEC	8				
CSS	FL	01	CST-1	SECONDARY	SECONDARY	CURTAILABLE GS TOU CLOSED	FLEC_CST1S	FLEC	15				
CSS	FL	01	LS-1	SECONDARY	SECONDARY	LIGHTING SER CUST OWNED/M	FLEO_LS1M	FLEO	16				
CSS	FL	01	LS-1			LIGHTING SER COMPANY OWNE	FLEO_LS1U	FLEO	17				
CSS	FL	01	CS-1	SECONDARY	SECONDARY	CURTAILABLE GS CLOSED 4-1	FLEC_CS1S	FLEC	18				
CSS	FL	01	IST-1	SECONDARY	PRIMARY	INTERRUPTIBLE GS TOU CLOS	FLEC_IST1P	FLEC	19				
CSS	FL	01	SS-1	TRANSMISSION	PRIMARY	FIRM STANDBY SERVICE TRAN	FLEC_SS1P	FLEC	20				
CSS	FL	01	SS-1	PRIMARY	PRIMARY	FIRM STANDBY SERVICE PRI	FLEC_SS1P	FLEC	21				
CSS	FL	01	SS-1	TRANSMISSION	TRANSMISSION	FIRM STANDBY SERVICE TRAN	FLEC_SS1T	FLEC	22				
CSS	FL	01	SS-2	PRIMARY	PRIMARY	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2P	FLEC	23				
CSS	FL	01	SS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2T	FLEC	24				
CSS	FL	01	SS-3	PRIMARY	PRIMARY	CURTAILABLE CLOSED 12-31-	FLEC_SS3P	FLEC	25				
CSS	FL	01	IST-1	SECONDARY	PRIMARY	INTERRUPTIBLE TOU CLOSED	FLEC_IST1P	FLEC	26				
CSS	FL	01	GS-2	SECONDARY	SECONDARY	GEN SERV NON-DEM-MUNI 100	FLEC_GS2	FLEC	27				
CSS	FL	01	GS-2	SECONDARY	SECONDARY	GEN SERV NON-DEM 100% LOA	FLEC_GS2	FLEC	28				
CSS	FL	01	IS-1	SECONDARY	PRIMARY	INTERRUPTIBLE GS CLOSED 4	FLEC_IS1P	FLEC	29				
CSS	FL	01	IST-1	SECONDARY	SECONDARY	INTERRUPTIBLE GS TOU CLOS	FLEC_IST1S	FLEC	30				
CSS	FL	01	IS-1	SECONDARY	PRIMARY	INTERRUPTIBLE GS CLOSED 4	FLEC_IS1P	FLEC	44				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GEN SER DEM LOAD MAN TOU	FLEC_GSDTP	FLEC	45				
CSS	FL	01	IS-1	PRIMARY	PRIMARY	INTERRUPTIBLE GS CLOSED 4	FLEC_IS1P	FLEC	46				
CSS	FL	01	IS-1	SECONDARY	SECONDARY	INTERRUPTIBLE GS CLOSED 4	FLEC_IS1S	FLEC	47				
CSS	FL	01	IS-1	PRIMARY	TRANSMISSION	INTERRUPTIBLE GS CLOSED 4	FLEC_IS1T	FLEC	49				
CSS	FL	01	GST-1	SECONDARY	SECONDARY	GENERAL SERVICE NON-DEM T	FLEC_GST1S	FLEC	50				
CSS	FL	01	RST-1	SECONDARY	SECONDARY	RESIDENTIAL SERVICE-TOU1P	FLER_RST1	FLER	51				
CSS	FL	01	GST-1	PRIMARY	PRIMARY	GENERAL SERVICE NON-DEM T	FLEC_GST1P	FLEC	52				
CSS	FL	01	GSDT-1	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU S	FLEC_GSDTS	FLEC	53				
CSS	FL	01	GSDT-1	PRIMARY	PRIMARY	GENERAL SERVICE DEM TOU P	FLEC_GSDTP	FLEC	54				
CSS	FL	01	IST-1	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE GS TOU CLOS	FLEC_IST1T	FLEC	55				
CSS	FL	01	IST-1	PRIMARY	PRIMARY	INTERRUPTIBLE GS TOU CLOS	FLEC_IST1P	FLEC	57				
CSS	FL	01	IST-1	PRIMARY	TRANSMISSION	INTERRUPTIBLETOU CLOSED4-	FLEC_IST1P	FLEC	59				
CSS	FL	01	GS-1	SECONDARY	SECONDARY	GENERAL SERVICE - NON DEM	FLEC_GS1S	FLEC	60				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GENERAL SERVICE NON-DEM	FLEC_GS1S	FLEC	61				
CSS	FL	01	GS-1	PRIMARY	PRIMARY	GENERAL SERVICE NON-DEMAN	FLEC_GS1P	FLEC	62				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GEN SER NON-DEM LOAD MAN	FLEC_GS1P	FLEC	63				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER NON-DEM LOAD MAN	FLEC_GS1T	FLEC	65				
CSS	FL	01	GS-1	SECONDARY	UNMETERED	GENERAL SERVICE NON-DEMAN	FLEC_GS1UM	FLEC	66				
CSS	FL	01	GS-2	SECONDARY	UNMETERED	GEN SERV NON-DEM-MUNI 100	FLEC_GS2UM	FLEC	67				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GEN SER DEM LOAD MAN TOU	FLEC_GSDTS	FLEC	69				
CSS	FL	01	GSD-1	SECONDARY	SECONDARY	GENERAL SERVICE - DEMAND	FLEC_GSDS	FLEC	70				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GENERAL SERVICE DEMAND L	FLEC_GSDS	FLEC	71				
CSS	FL	01	GSD-1	PRIMARY	PRIMARY	GENERAL SERVICE - DEMAND	FLEC_GSDP	FLEC	72				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GENERAL SERVICE DEMAND L	FLEC_GSDP	FLEC	73				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER DEM LOAD MAN TRA	FLEC_GSDT	FLEC	75				
CSS	FL	01	GS-2	SECONDARY	UNMETERED	GEN SER NON-DEM 100% LOAD	FLEC_GS2UM	FLEC	76				
CSS	FL	01	CS-1	PRIMARY	PRIMARY	CURTAILABLE GS CLOSED -16	FLEC_CS1P	FLEC	80				
CSS	FL	01	CS-1	TRANSMISSION	TRANSMISSION	CURTAILABLE GS CLOSED 4-1	FLEC_CS1T	FLEC	82				
CSS	FL	01	GSDT-1	TRANSMISSION	TRANSMISSION	GENERAL SERVICE DEMAND TO	FLEC_GSDTT	FLEC	83				
CSS	FL	01	GSDT-1	TRANSMISSION	PRIMARY	GENERAL SERVICE DEMAND TO	FLEC_GSDTP	FLEC	84				
CSS	FL	01	CST-1	PRIMARY	PRIMARY	CURTAILABLE GS TOU CLOSED	FLEC_CST1P	FLEC	85				
CSS	FL	01	CST-1	TRANSMISSION	TRANSMISSION	CURTAILABLE GS TOU CLOSED	FLEC_CST1T	FLEC	87				
CSS	FL	01	GS-1	SECONDARY	SECONDARY	GENERAL SERVICE - NON-DEM	FLEC_GS1S	FLEC	90				

CSS to SAP Mapping

Legacy system	State	Division	Rate Code	Product IDN	SCHT code	Message Description	Rate Category	Billing Class	Legacy prod	Rev Code	Tarif code	Account determin. ID	Operand
CSS	FL	01	RSL-1/2	SECONDARY	SECONDARY	RESIDENTIAL LOAD MANAGEME	FLER_RSL1	FLER	91				
CSS	FL	01	GSD-1	TRANSMISSION	TRANSMISSION	GENERAL SERVICE DEMAND TR	FLEC_GSDT	FLEC	93				
CSS	FL	01	COG-2				FLEC_CG095	FLEC	95				
CSS	FL	01	COG-1				FLEC_CG096	FLEC	96				
CSS	FL	01	COMP			COMPANY USE			99				
CSS	FL	01	GST-1	SECONDARY	SECONDARY	GENERAL SERVICE NON-DEM T	FLEC_GST1S	FLEC	100				
CSS	FL	01	RST-1	SECONDARY	SECONDARY	RESIDENTIAL SERVICE-TOU3P	FLER_RST1	FLER	101				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GEN SER NON-DEM LOAD MAN	FLEC_GST1S	FLEC	102				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GEN SER NON-DEM LOAD MAN	FLEC_GST1P	FLEC	103				
CSS	FL	01	GST-1	TRANSMISSION	TRANSMISSION	GEN SER NON-DEMAND TOU TR	FLEC_GST1T	FLEC	104				
CSS	FL	01	GS-1	SECONDARY	PRIMARY	GENERAL SERVICE NON-DEMAN	FLEC_GS1P	FLEC	105				
CSS	FL	01	GS-1	TRANSMISSION	TRANSMISSION	GENERAL SERVICE NON DEMAN	FLEC_GS1T	FLEC	106				
CSS	FL	01	GSDT-1	SECONDARY	PRIMARY	GENERAL SERVICE DEMAND TO	FLEC_GSDTS	FLEC	107				
CSS	FL	01	GST-1	SECONDARY	PRIMARY	GENERAL SERVICE NON-DEMAN	FLEC_GST1P	FLEC	108				
CSS	FL	01	LS-1	SECONDARY	UNMETERED	LIGHTING SER CUST OWNED/M	FLEO_LS1U1	FLEO	116				
CSS	FL	01	SS-2	PRIMARY	PRIMARY	INTERRUPTIBLE STANDBY SER	FLEC_SS2P	FLEC	118				
CSS	FL	01	SS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE STANDBY SER	FLEC_SS2T	FLEC	119				
CSS	FL	01	SS-2	TRANSMISSION	PRIMARY	INTERRUPTIBLE STANDBY SER	FLEC_SS2P	FLEC	120				
CSS	FL	01	SS-3	PRIMARY	PRIMARY	CURTAILABLE STANDBY SERVI	FLEC_SS3P	FLEC	121				
CSS	FL	01	SS-3	TRANSMISSION	TRANSMISSION	CURTAILABLE STANDBY SERVI	FLEC_SS3T	FLEC	122				
CSS	FL	01	SS-2	TRANSMISSION	PRIMARY	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2P	FLEC	123				
CSS	FL	01	SS-3	TRANSMISSION	TRANSMISSION	CURTAILABLE CLOSED 12-31-	FLEC_SS3T	FLEC	125				
CSS	FL	01	GSLM-2	PRIMARY	PRIMARY	GEN SER DEM TOU STANDBY G	FLEC_GSDTP	FLEC	145				
CSS	FL	01	IS-1	TRANSMISSION	PRIMARY	INTERRUPTIBLE CLOSED 4-16	FLEC_IS1T	FLEC	155				
CSS	FL	01	IST-1	TRANSMISSION	PRIMARY	INTERRUPTIBLE TOU CLOSED4	FLEC_IST1T	FLEC	156				
CSS	FL	01	GSLM-2	SECONDARY	SECONDARY	GSD - LOAD MANAGEMENT & T	FLEC_GSDTS	FLEC	169				
CSS	FL	01	GSLM-2	SECONDARY	SECONDARY	GEN SER DEM STANDBY GEN L	FLEC_GSDS	FLEC	171				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER DEM TOU LOAD MAN	FLEC_GSDTT	FLEC	183				
CSS	FL	01	RSS-1	SECONDARY	SECONDARY	RESIDENTIAL SEASONAL SERV	FLER_RSS1	FLER	201				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER NON-DEM TOU LOAD	FLEC_GST1T	FLEC	204				
CSS	FL	01	CST-2	SECONDARY	SECONDARY	CURTAILABLE GEN SER TOU S	FLEC_CST2S	FLEC	215				
CSS	FL	01	CS-2	SECONDARY	SECONDARY	CURTAILABLE GENERAL SERVI	FLEC_CS2S	FLEC	218				
CSS	FL	01	IST-2	SECONDARY	PRIMARY	INTERRUPTIBLE GEN SVC TOU	FLEC_IST2P	FLEC	226				
CSS	FL	01	IST-2	SECONDARY	SECONDARY	INTERRUPTIBLE GENERAL SER	FLEC_IST2S	FLEC	230				
CSS	FL	01	IS-2	SECONDARY	PRIMARY	INTERRUPTIBLE GENERAL SER	FLEC_IS2P	FLEC	244				
CSS	FL	01	IS-2	PRIMARY	PRIMARY	INTERRUPTIBLE GENERAL SER	FLEC_IS2P	FLEC	246				
CSS	FL	01	IS-2	SECONDARY	SECONDARY	INTERRUPTIBLE GENERAL SER	FLEC_IS2S	FLEC	247				
CSS	FL	01	IS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE GENERAL SER	FLEC_IS2T	FLEC	248				
CSS	FL	01	IST-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE GEN SER TOU	FLEC_IST2T	FLEC	255				
CSS	FL	01	IST-2	TRANSMISSION	PRIMARY	INTERRUPTIBLE GEN SVC TOU	FLEC_IST2P	FLEC	256				
CSS	FL	01	IST-2	PRIMARY	PRIMARY	INTERRUPTIBLE GEN SER TOU	FLEC_IST2P	FLEC	257				
CSS	FL	01	IST-2	PRIMARY	TRANSMISSION	INTERRUPTIBLE GEN SVC TOU	FLEC_IST2T	FLEC	259				
CSS	FL	01	CS-2	PRIMARY	PRIMARY	CURTAILABLE GENERAL SERVI	FLEC_CS2P	FLEC	280				
CSS	FL	01	CS-2	TRANSMISSION	TRANSMISSION	CURTAILABLE GENERAL SERVI	FLEC_CS2T	FLEC	282				
CSS	FL	01	CST-2	PRIMARY	PRIMARY	CURTAILABLE GEN SER TOU P	FLEC_CST2P	FLEC	285				
CSS	FL	01	CST-2	TRANSMISSION	TRANSMISSION	CURTAILABLE GEN SER TOU T	FLEC_CST2T	FLEC	287				
CSS	FL	01	RSSL1/2	SECONDARY	SECONDARY	RESIDENTIAL SEASONAL SER	FLER_RSSL1	FLER	291				
CSS	FL	01	COG-2			COGENERATION POWER PRODUC	FLEC_CG296		296				
CSS	FL	01	CST-3	SECONDARY	SECONDARY	CURTAIL GS- FIXED CS DEM	FLEC_CST3S	FLEC	315				
CSS	FL	01	CS-3	SECONDARY	SECONDARY	CURTAIL GS- FIXED CS DEM	FLEC_CS3S	FLEC	318				
CSS	FL	01	CS-3	PRIMARY	PRIMARY	CURTAIL GS- FIXED CS DEM	FLEC_CS3P	FLEC	380				
CSS	FL	01	CS-3	TRANSMISSION	TRANSMISSION	CURTAIL GS- FIX CS DEM PR	FLEC_CS3T	FLEC	382				

CSS to SAP Mapping

Legacy system	State	Division	Rate Code	Product IDN	SCHT code	Message Description	Rate Category	Billing Class	Legacy prod	Rev Code	Tarif code	Account determin. ID	Operand
CSS	FL	01	CST-3	PRIMARY	PRIMARY	CURTAIL GS- FIXED CS DEM	FLEC_CST3P	FLEC	385				
CSS	FL	01	CST-3	TRANSMISSION	TRANSMISSION	CURTAIL GS- FIXED CS DEM	FLEC_CST3T	FLEC	387				
CSS	FL	01	GSDT-1	SECONDARY	SECONDARY	620 GENERAL SERVICE DEM T	FLEC_GSDTS	FLEC	620				
CSS	FL	01	GSDTED	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU S	FLEC_GSDTS	FLEC	622				
CSS	FL	01	GSDT-1	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU S	FLEC_GSDTS	FLEC	627				
CSS	FL	01	CS-3	SECONDARY	SECONDARY	CURTAIL GS- FIX CS DEM PR	FLEC_CS3S	FLEC	762				
CSS	FL	01	CS-3	PRIMARY	PRIMARY	CURTAIL GS- FIX CS DEM PR	FLEC_CS3P	FLEC	763				
CSS	FL	01	CS-3	TRANSMISSION	TRANSMISSION	CURTAIL GS- FIX CS DEM PR	FLEC_CS3T	FLEC	764				
CSS	FL	01	CST-3	SECONDARY	SECONDARY	CURTAIL GS- FIX CS DEM TO	FLEC_CST3S	FLEC	765				
CSS	FL	01	CST-3	PRIMARY	PRIMARY	CURTAIL GS- FIX CS DEM TO	FLEC_CST3P	FLEC	766				
CSS	FL	01	CST-3	TRANSMISSION	TRANSMISSION	CURTAIL GS- FIX CS DEM TO	FLEC_CST3T	FLEC	767				
CSS	FL	01	SS-2	PRIMARY	PRIMARY	INTERRUPTIBLE STANDBY SER	FLEC_SS2P	FLEC	793				
CSS	FL	01	SS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE STANDBY PRE	FLEC_SS2T	FLEC	794				
CSS	FL	01	SS-2	TRANSMISSION	PRIMARY	INTERRUPTIBLESTANDBY PREM	FLEC_SS2P	FLEC	795				
CSS	FL	01	SS-3	PRIMARY	PRIMARY	CURTAILABLE STANDBY PREM	FLEC_SS3P	FLEC	797				
CSS	FL	01	SS-3	TRANSMISSION	TRANSMISSION	CURTAILABLE STANDBY PREM	FLEC_SS3T	FLEC	798				
CSS	FL	01	GS-1	SECONDARY	SECONDARY	GS NON-DEM PREM DISTRI SE	FLEC_GS1S	FLEC	800				
CSS	FL	01	GS-1	PRIMARY	PRIMARY	GS NON-DEM PREM DISTRI SE	FLEC_GS1P	FLEC	801				
CSS	FL	01	GS-1	TRANSMISSION	TRANSMISSION	GS NON-DEM PREM DISTRI SE	FLEC_GS1T	FLEC	802				
CSS	FL	01	GS-1	SECONDARY	UNMETERED	GS NON-DEM PREM DISTRI SE	FLEC_GS1UM	FLEC	803				
CSS	FL	01	GS-1	SECONDARY	PRIMARY	GS NON-DEM PREM DISTRI SE	FLEC_GS1P	FLEC	804				
CSS	FL	01	GST-1	SECONDARY	SECONDARY	GS NON-DEM TOU PREM DISTR	FLEC_GST1S	FLEC	806				
CSS	FL	01	GST-1	SECONDARY	SECONDARY	GS NON-DEM TOU PREM DISTR	FLEC_GST1S	FLEC	807				
CSS	FL	01	GST-1	PRIMARY	PRIMARY	GS NON-DEM TOU PREM DISTR	FLEC_GST1P	FLEC	808				
CSS	FL	01	GST-1	TRANSMISSION	TRANSMISSION	GS NON-DEM TOU PREM DISTR	FLEC_GST1T	FLEC	809				
CSS	FL	01	GST-1	SECONDARY	PRIMARY	GS NON-DEM TOU PREM DISTR	FLEC_GST1P	FLEC	810				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GS NON-DEM LOAD MAN PREM	FLEC_GS1S	FLEC	812				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GS NON-DEM LOAD MAN PREM	FLEC_GS1P	FLEC	813				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GS NON-DEM LOAD MAN PREM	FLEC_GS1T	FLEC	814				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GS NON-DEM TOU LD MAN PR	FLEC_GST1S	FLEC	816				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GS NON-DEM TOU LOAD MAN	FLEC_GST1P	FLEC	817				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GS NON-DEM TOU LD MAN PR	FLEC_GST1T	FLEC	818				
CSS	FL	01	GS-2	SECONDARY	SECONDARY	GS NON-DEM-MUNI 100%LF PR	FLEC_GS2	FLEC	825				
CSS	FL	01	GS-2	SECONDARY	UNMETERED	GS NON-DEM-MUNI 100%LF PR	FLEC_GS2UM	FLEC	826				
CSS	FL	01	GS-2	SECONDARY	SECONDARY	GS NON-DEM 100% LF PREM D	FLEC_GS2	FLEC	827				
CSS	FL	01	GS-2	SECONDARY	UNMETERED	GS NON-DEM 100% LF PREM D	FLEC_GS2UM	FLEC	828				
CSS	FL	01	GSD-1	SECONDARY	SECONDARY	GENERAL SERVICE - DEMAND	FLEC_GSDS	FLEC	829				
CSS	FL	01	GSD-1	PRIMARY	PRIMARY	GENERAL SERVICE DEMAND PR	FLEC_GSDP	FLEC	830				
CSS	FL	01	GSD-1	TRANSMISSION	TRANSMISSION	GENERAL SERVICE DEM PREM	FLEC_GSDT	FLEC	831				
CSS	FL	01	GSD-1	SECONDARY	PRIMARY	GEN SER DEMAND PREM DISTR	FLEC_GSDP	FLEC	832				
CSS	FL	01	GSDT-1	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU P	FLEC_GSDTS	FLEC	834				
CSS	FL	01	GSDT-1	PRIMARY	PRIMARY	GENERAL SERVICE DEM TOU P	FLEC_GSDTP	FLEC	835				
CSS	FL	01	GSDT-1	TRANSMISSION	TRANSMISSION	GEN SER DEM TOU PREM DIST	FLEC_GSDTT	FLEC	836				
CSS	FL	01	GSDT-1	SECONDARY	PRIMARY	GEN SER DEMTOU PREM DISTR	FLEC_GSDTP	FLEC	837				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GEN SER DEM LOAD MAN PRE	FLEC_GSDS	FLEC	839				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GEN SER DEM LOAD MAN PRE	FLEC_GSDP	FLEC	840				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER DEM LOAD MAN PRE	FLEC_GSDT	FLEC	841				
CSS	FL	01	GSLM-1	SECONDARY	SECONDARY	GEN SER DEM TOU LOAD MAN	FLEC_GSDTS	FLEC	843				
CSS	FL	01	GSLM-1	PRIMARY	PRIMARY	GEN SER DEM TOU LOAD MAN	FLEC_GSDTP	FLEC	844				
CSS	FL	01	GSLM-1	TRANSMISSION	TRANSMISSION	GEN SER DEM TOU LOAD MAN	FLEC_GSDTT	FLEC	845				
CSS	FL	01	GSLM-2	SECONDARY	SECONDARY	GSD TOU STANDBY GEN LM PR	FLEC_GSDTS	FLEC	851				
CSS	FL	01	CS-1	SECONDARY	SECONDARY	CURTAIL CLOSED 4-16-96 PR	FLEC_CS1S	FLEC	856				

CSS to SAP Mapping

Legacy system	State	Division	Rate Code	Product IDN	SCHT code	Message Description	Rate Category	Billing Class	Legacy prod	Rev Code	Tarif code	Account determin. ID	Operand
CSS	FL	01	CS-1	PRIMARY	PRIMARY	CURTAIL CLOSED 4-16-96 PR	FLEC_CS1P	FLEC	857				
CSS	FL	01	CS-1	TRANSMISSION	TRANSMISSION	CURTAIL CLOSED4-16-96 PRE	FLEC_CS1T	FLEC	858				
CSS	FL	01	CST-1	SECONDARY	SECONDARY	CURTAIL TOU CLOSED4-16-96	FLEC_CST1S	FLEC	859				
CSS	FL	01	CST-1	PRIMARY	PRIMARY	CURTAIL TOU CLOSED4-16-96	FLEC_CST1P	FLEC	860				
CSS	FL	01	CST-1	TRANSMISSION	TRANSMISSION	CURTAILTOUCLOSED4-16-96 P	FLEC_CST1T	FLEC	861				
CSS	FL	01	CS-2	SECONDARY	SECONDARY	CURTAILABLE GEN SER PREM	FLEC_CS2S	FLEC	862				
CSS	FL	01	CS-2	PRIMARY	PRIMARY	CURTAILABLE GEN SER PREM	FLEC_CS2P	FLEC	863				
CSS	FL	01	CS-2	TRANSMISSION	TRANSMISSION	CURTAILABLE GEN SER PREM	FLEC_CS2T	FLEC	864				
CSS	FL	01	CST-2	SECONDARY	SECONDARY	CURTAILABLE GEN SER TOU P	FLEC_CST2S	FLEC	865				
CSS	FL	01	CST-2	PRIMARY	PRIMARY	CURTAILABLE GEN SER TOU P	FLEC_CST2P	FLEC	866				
CSS	FL	01	CST-2	TRANSMISSION	TRANSMISSION	CURTAILABLE GS TOU PREM D	FLEC_CST2T	FLEC	867				
CSS	FL	01	IS-1	SECONDARY	SECONDARY	INTERRUPT CLOSED 4-16-96	FLEC_IS1S	FLEC	868				
CSS	FL	01	IS-1	PRIMARY	PRIMARY	INTERRUPT CLOSED 4-16-96	FLEC_IS1P	FLEC	869				
CSS	FL	01	IS-1	SECONDARY	PRIMARY	INTERRUPTIBLE CLOSED 4-16	FLEC_IS1P	FLEC	870				
CSS	FL	01	IS-1	SECONDARY	PRIMARY	INTERRUPTCLOSED4-16-96 PR	FLEC_IS1P	FLEC	871				
CSS	FL	01	IS-1	PRIMARY	TRANSMISSION	INTERUPT CLS4-16-96PREMDI	FLEC_IS1T	FLEC	872				
CSS	FL	01	IS-1	TRANSMISSION	PRIMARY	INTERRUPT CLS4-16-96PREMD	FLEC_IS1T	FLEC	873				
CSS	FL	01	IST-1	SECONDARY	SECONDARY	INTERRUPTTOUCLOSED4-16-96	FLEC_IST1S	FLEC	874				
CSS	FL	01	IST-1	PRIMARY	PRIMARY	INTERRUPTTOUCLOSED4-16-96	FLEC_IST1P	FLEC	875				
CSS	FL	01	IST-1	SECONDARY	PRIMARY	INTERRUPTTOUCLS4-16-96 PR	FLEC_IST1P	FLEC	876				
CSS	FL	01	IST-1	SECONDARY	PRIMARY	INTERRUPTTOUCLS4-16-96 PR	FLEC_IST1P	FLEC	877				
CSS	FL	01	IST-1	PRIMARY	TRANSMISSION	INTERRUPTTOUCLS4-16-96PRE	FLEC_IST1T	FLEC	878				
CSS	FL	01	IST-1	TRANSMISSION	PRIMARY	INTERRUPTTOUCLS4-16-96PRE	FLEC_IST1P	FLEC	879				
CSS	FL	01	IST-1	TRANSMISSION	TRANSMISSION	INTERRUPTTOUCLS4-16-96 PR	FLEC_IST1T	FLEC	880				
CSS	FL	01	IS-2	SECONDARY	SECONDARY	INTERRUPTIBLE GEN SER PRE	FLEC_IS2S	FLEC	881				
CSS	FL	01	IS-2	PRIMARY	PRIMARY	INTERRUPTIBLE GEN SER PRE	FLEC_IS2P	FLEC	882				
CSS	FL	01	IS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE GEN SER PRE	FLEC_IS2T	FLEC	883				
CSS	FL	01	IST-2	SECONDARY	SECONDARY	INTERRUPTIBLE GEN SER TOU	FLEC_IST2S	FLEC	885				
CSS	FL	01	IST-2	PRIMARY	PRIMARY	INTERRUPTIBLE GEN SER TOU	FLEC_IST2P	FLEC	886				
CSS	FL	01	IST-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE GEN SER TOU	FLEC_IST2T	FLEC	887				
CSS	FL	01	SS-1	PRIMARY	PRIMARY	FIRM STANDBY SER PREM DIS	FLEC_SS1P	FLEC	889				
CSS	FL	01	SS-1	TRANSMISSION	TRANSMISSION	FIRM STANDBY SER PREM DIS	FLEC_SS1T	FLEC	890				
CSS	FL	01	SS-1	TRANSMISSION	PRIMARY	FIRM STANDBY SER PREM DIS	FLEC_SS1P	FLEC	891				
CSS	FL	01	SS-2	PRIMARY	PRIMARY	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2P	FLEC	893				
CSS	FL	01	SS-2	TRANSMISSION	TRANSMISSION	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2T	FLEC	894				
CSS	FL	01	SS-2	TRANSMISSION	PRIMARY	INTERRUPTIBLE CLOSED 12-3	FLEC_SS2P	FLEC	895				
CSS	FL	01	SS-3	PRIMARY	PRIMARY	CURTAILABLE CLOSED 12-31-	FLEC_SS3P	FLEC	897				
						Non-Lighting Equipment Rental	EQ Rent		115				
						Non-Lighting Equipment Rental	EQ Rent		615				
CSS	FL	01	GSDTED	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU S	FLEC_GSDTS	FLEC	623				
CSS	FL	01	GSDTED	SECONDARY	SECONDARY	GENERAL SERVICE DEM TOU S	FLEC_GSDTS	FLEC	625				
CSS	FL	01	GST-1	SECONDARY	SECONDARY		FLEC_GT1SA		50				
CSS	FL	01	GSDT-1	SECONDARY	SECONDARY		FLEC_GDTSA		53				
CSS	FL	01	GSD-1	SECONDARY	SECONDARY		FLEC_TS1		70				
CSS	FL	01	CS-2	PRIMARY	PRIMARY		FLEC_C2PA		280				
CSS	FL	01	GSD-1	SECONDARY	SECONDARY		FLEC_GSDSA		70				
CSS	FL	01	RST-1	SECONDARY	SECONDARY		FLER_RST1A		51				

CSS to SAP Mapping

Operand	Operand	Operand	Name for Rate Category	additional fields	additional fields	Created by	Created on	Changed By	Changed On
			FL - Residential Service			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Demand Primary			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Curtailable Service 1(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Lighting Services Metered			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Lighting Service Unmetered			AKIMBA1	4/12/2021		
			FL - Curtailable Service 1 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Firm Standby Service Primary			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Firm Standby Service Primary			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Firm Standby Service Transmission			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Curtailable Standby Service Primary			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(100% Lf)			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(100% Lf)			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Sec			AKIMBA1	4/12/2021		
			FL - Interruptible General Service 1 Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand(TOU) Pri			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - Interruptible General Service 1 Pri			AKIMBA1	4/12/2021		
			FL - Interruptible General Service 1 Sec			AKIMBA1	4/12/2021		
			FL - Interruptible General Service 1 Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	4/12/2021		
			FL - Optional Time Of Use Rate Resi Ser			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	4/12/2021		
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/12/2021		
			FL - General Service Demand(TOU) Pri			AKIMBA1	4/12/2021		
			FL - Interruptible Service 1(TOU) Tra			AKIMBA1	4/12/2021		
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	4/12/2021		
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	4/12/2021		
			FL - General Service Non Demand Sec			AKIMBA1	4/12/2021		
			FL - General Service Non Demand Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand Primary			AKIMBA1	4/12/2021		
			FL - General Service Non Demand Primary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand Trans			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand Unmeter			AKIMBA1	4/12/2021		
			FL - General Service 2 Non Demand Unmet			AKIMBA1	1/28/2020	AKIMBA1	1/28/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand Secondary			AKIMBA1	4/12/2021		
			FL - General Service Demand Secondary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand Primary			AKIMBA1	4/12/2021		
			FL - General Service Demand Primary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand Transmission			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service 2 Non Demand Unmet			AKIMBA1	1/28/2020	AKIMBA1	1/28/2020
			FL - Curtailable Service 1 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 1 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - General Service Demand(TOU) Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand(TOU) Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Curtailable Service 1(TOU) Pri			AKIMBA1	4/12/2021		
			FL - Curtailable Service 1(TOU) Tra			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - General Service Non Demand Sec			AKIMBA1	11/24/2020		

CSS to SAP Mapping

Operand	Operand	Operand	Name for Rate Category	additional fields	additional fields	Created by	Created on	Changed By	Changed On
			FL - Residential Load Management (1/2)			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Demand Transmission			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Firm Standby Service Secondary			AKIMBA1	4/12/2021		
			FL - Firm Standby Service Secondary			AKIMBA1	4/12/2021		
						AKIMBA1	8/7/2020		
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	4/12/2021		
			FL - Optional Time Of Use Rate Resi Ser			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(TOU) Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Primary			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Trans			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/12/2021		
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Lighting Service Unmetered			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Curtailable Standby Service Primary			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Curtailable Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Curtailable Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - General Service Demand(TOU) Pri			AKIMBA1	11/23/2020		
			FL - Interruptible General Service 1 Tra			AKIMBA1	4/12/2021		
			FL - Interruptible Service 1(TOU) Tra			AKIMBA1	4/12/2021		
			FL - General Service Demand(TOU) Sec			AKIMBA1	11/24/2020		
			FL - General Service Demand Secondary			AKIMBA1	11/23/2020		
			FL - General Service Demand(TOU) Tra			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - Residential Seasonal Service			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Tra			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - Curtailable Service 2(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 2 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Interruptible Service 2(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 2(TOU) Sec			AKIMBA1	4/12/2021		
			FL - Interruptible General Service 2 Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 2 Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 2 Sec			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 2 Tra			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 2(TOU) Tra			AKIMBA1	4/12/2021		
			FL - Interruptible Service 2(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 2(TOU) Pri			AKIMBA1	4/12/2021		
			FL - Interruptible Service 2(TOU) Tra			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Curtailable Service 2 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2(TOU) Pri			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2(TOU) Tra			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Residential Load Management			AKIMBA1	4/9/2020		
						AKIMBA1	11/24/2020		
			FL - Curtailable Service 3(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 3 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020

CSS to SAP Mapping

Operand	Operand	Operand	Name for Rate Category	additional fields	additional fields	Created by	Created on	Changed By	Changed On
			FL - Curtailable Service 3(TOU) Pri			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3(TOU) Tra			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	11/24/2020		
			FL - General Service Demand(TOU) Sec			AKIMBA1	11/23/2020		
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/8/2021		
			FL - Curtailable Service 3 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 3(TOU) Pri			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 3(TOU) Tra			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service Trans			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Curtailable Standby Service Primary			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Curtailable Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - General Service Non Demand Sec			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Primary			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Trans			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Unmeter			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - General Service Non Demand Primary			AKIMBA1	1/27/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Non Demand Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand Primary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand Trans			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(TOU) Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(TOU) Pri			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(TOU) Tra			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Non Demand(100% Lf)			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service 2 Non Demand Unmet			AKIMBA1	1/28/2020	AKIMBA1	1/28/2020
			FL - General Service Non Demand(100% Lf)			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service 2 Non Demand Unmet			AKIMBA1	1/28/2020	AKIMBA1	1/28/2020
			FL - General Service Demand Secondary			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand Primary			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand Transmission			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand Primary			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/12/2021		
			FL - General Service Demand(TOU) Pri			AKIMBA1	4/12/2021		
			FL - General Service Demand(TOU) Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand(TOU) Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - General Service Demand Secondary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand Primary			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand Transmission			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand(TOU) Pri			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand(TOU) Tra			AKIMBA1	4/9/2020	SNIWAS	7/22/2020
			FL - General Service Demand(TOU) Sec			AKIMBA1	11/23/2020		
			FL - Curtailable Service 1 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020

CSS to SAP Mapping

Operand	Operand	Operand	Name for Rate Category	additional fields	additional fields	Created by	Created on	Changed By	Changed On
			FL - Curtailable Service 1 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 1 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 1(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 1(TOU) Pri			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 1(TOU) Tra			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 2 Secondary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2 Primary			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2 Transmission			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2(TOU) Sec			AKIMBA1	1/27/2020	AKIMBA1	1/27/2020
			FL - Curtailable Service 2(TOU) Pri			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Curtailable Service 2(TOU) Tra			AKIMBA1	1/27/2020	TCHAKRA	6/2/2020
			FL - Interruptible General Service 1 Sec			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Pri			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Tra			AKIMBA1	1/28/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 1 Tra			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Sec			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Tra			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 1(TOU) Tra			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible General Service 2 Sec			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 2 Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible General Service 2 Tra			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 2(TOU) Sec			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Service 2(TOU) Pri			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Service 2(TOU) Tra			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Firm Standby Service Primary			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Firm Standby Service Transmission			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Firm Standby Service Primary			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service Trans			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - Interruptible Standby Service			AKIMBA1	1/29/2020	SNIWAS	6/15/2020
			FL - Curtailable Standby Service Primary			AKIMBA1	1/29/2020	AKIMBA1	1/29/2020
			FL - General Service Demand(TOU) Sec						
			FL - General Service Demand(TOU) Sec						

CSS to SAP Mapping

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Revised AFUDC Rate - Year 2023
Effective 1/1/2023

COST OF CAPITAL - 13 MONTH AVERAGE

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	9,627,861	14,564	9,642,425	0.91549	8,827,523	(11,345)	(800,522)	8,015,656	44.84%	10.10%	4.53%
2	Long Term Debt	8,560,469	12,949	8,573,419	0.91549	7,848,861		(711,772)	7,137,089	39.93%	4.02%	1.61%
3	Short Term Debt	1,221	2	1,223	0.91549	1,119		(101)	1,018	0.01%	73.19%	0.00%
4	Customer Deposits Active	195,420	296	195,716	1.00000	195,716		(17,748)	177,967	1.00%	2.36%	0.02%
5	Customer Deposits Inactive	2,025	3	2,028	1.00000	2,028		(184)	1,844	0.01%	0.00%	0.00%
6	Investment Tax Credit	280,947	425	281,372	0.91549	257,593		(23,360)	234,233	1.31%	7.24%	0.09%
7	Deferred Income Taxes	3,073,863	(28,239)	3,045,624	0.91549	2,788,232	(227,711)	(252,850)	2,307,670	12.91%	0.00%	0.00%
8												
9	**Total**	**21,741,806**	**-**	**21,741,806**		**19,921,072**	**(239,057)**	**(1,806,537)**	**17,875,478**	**100.00%**		**6.26%**
10												

SCHEDULE D-1a

COST OF CAPITAL - 13 MONTH AVERAGE

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: Provide the Company's 13-month average cost of capital for the test year, the prior year, and historical year

Type of Data Shown:

__X__	Projected Test Year 2 Ended	12/31/2023
_____	Projected Test Year 1 Ended	12/31/2022
_____	Prior Year 2 Ended	12/31/2021
_____	Prior Year 1 Ended	12/31/2020
_____	Historical Year Ended	12/31/2019

Witness: Olivier, Newlin

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	9,627,861	14,564	9,642,425	0.91549	8,827,523	(11,345)	(800,522)	8,015,656	44.84%	9.85%	4.42%
2	Long Term Debt	8,560,469	12,949	8,573,419	0.91549	7,848,861		(711,772)	7,137,089	39.93%	4.02%	1.61%
3	Short Term Debt	1,221	2	1,223	0.91549	1,119		(101)	1,018	0.01%	73.19%	0.00%
4	Customer Deposits Active	195,420	296	195,716	1.00000	195,716		(17,748)	177,967	1.00%	2.36%	0.02%
5	Customer Deposits Inactive	2,025	3	2,028	1.00000	2,028		(184)	1,844	0.01%	0.00%	0.00%
6	Investment Tax Credit	280,947	425	281,372	0.91549	257,593		(23,360)	234,233	1.31%	7.11%	0.09%
7	Deferred Income Taxes	3,073,863	(28,239)	3,045,624	0.91549	2,788,232	(227,711)	(252,850)	2,307,670	12.91%	0.00%	0.00%
8												
9	**Total**	**21,741,806**	**-**	**21,741,806**		**19,921,072**	**(239,057)**	**(1,806,537)**	**17,875,478**	**100.00%**		**6.14%**

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
Revised AFUDC Rate - Year 2022
Effective October 1, 2022

COST OF CAPITAL - 13 MONTH AVERAGE

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	8,718,755	14,347	8,733,103	0.900097	7,860,638	(12,425)	(545,373)	7,302,840	43.96%	10.10%	4.44%
2	Long Term Debt	7,870,342	12,951	7,883,294	0.900097	7,095,728		(492,304)	6,603,424	39.75%	4.11%	1.63%
3	Short Term Debt	88,795	146	88,941	0.900097	80,056		(5,554)	74,501	0.45%	1.66%	0.01%
4	Customer Deposits Active	195,420	322	195,742	1.000000	195,742		(13,581)	182,161	1.10%	2.36%	0.03%
5	Customer Deposits Inactive	2,025	3	2,029	1.000000	2,029		(141)	1,888	0.01%	0.00%	0.00%
6	Investment Tax Credit	257,117	423	257,540	0.900097	231,811		(16,083)	215,728	1.30%	7.23%	0.09%
7	Deferred Income Taxes	2,972,714	(28,193)	2,944,521	0.900097	2,650,354	(235,973)	(183,882)	2,230,499	13.43%	0.00%	0.00%
8												
9	**Total**	**20,105,169**	**-**	**20,105,169**		**18,116,357**	**(248,398)**	**(1,256,918)**	**16,611,041**	**100.00%**		**6.20%**
10												
11												
12												

	Annual Rate
AFUDC Equity	0.044403
AFUDC Debt	0.017617
Total AFUDC WACC	**0.062020**

AFUDC Equity		
Time Period	Monthly AFUDC	Cumulative AFUDC
1	0.003627	0.003627
2	0.003640	0.007267
3	0.003653	0.010921
4	0.003667	0.014587
5	0.003680	0.018267
6	0.003693	0.021961
7	0.003707	0.025667
8	0.003720	0.029387
9	0.003734	0.033121
10	0.003747	0.036868
11	0.003761	0.040629
12	0.003774	0.044403

AFUDC Debt	
Monthly AFUDC	Cumulative AFUDC
0.001456	0.001456
0.001458	0.002915
0.001461	0.004375
0.001463	0.005838
0.001465	0.007303
0.001467	0.008770
0.001469	0.010239
0.001471	0.011710
0.001473	0.013184
0.001476	0.014659
0.001478	0.016137
0.001480	0.017617

AFUDC Combined	
Monthly AFUDC	Cumulative AFUDC
0.005027	0.005027
0.005052	0.010079
0.005078	0.015157
0.005103	0.020260
0.005129	0.025389
0.005155	0.030544
0.005181	0.035724
0.005207	0.040931
0.005233	0.046164
0.005259	0.051423
0.005286	0.056708
0.005312	0.062020

Monthly Rate = ((1 + R)^(1/12))-1

Note: Monthly rate is rounded to six decimal places per rule 25-6.0141 F.A.C.

SCHEDULE D-1a

COST OF CAPITAL - 13 MONTH AVERAGE

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: Provide the Company's 13-month average cost of capital for the test year, the prior year, and historical year

Type of Data Shown:

_____	Projected Test Year 2 Ended	12/31/2023
__X__	Projected Test Year 1 Ended	12/31/2022
_____	Prior Year 2 Ended	12/31/2021
_____	Prior Year 1 Ended	12/31/2020
_____	Historical Year Ended	12/31/2019

Witness: Olivier, Newlin

('000s)

Line No.	(1) CLASS OF CAPITAL	(2) COMPANY TOTAL PER BOOKS	(3) TAX PRORATION ADJUSTMENT	(4) COMPANY TOTAL PER BOOKS ADJUSTED	(5) JURISDICTIONAL FACTOR	(6) RETAIL PER BOOKS	(7) SPECIFIC ADJUSTMENTS	(8) PRO RATA ADJUSTMENT	(9) JURISDICTIONAL ADJUSTED	(10) RATIO	(11) COST RATE	(12) WEIGHTED COST RATE
1	Common Equity	8,718,755	14,347	8,733,103	0.900097	7,860,638	(12,425)	(545,373)	7,302,840	43.96%	9.85%	4.33%
2	Long Term Debt	7,870,342	12,951	7,883,294	0.900097	7,095,728		(492,304)	6,603,424	39.75%	4.11%	1.63%
3	Short Term Debt	88,795	146	88,941	0.900097	80,056		(5,554)	74,501	0.45%	1.66%	0.01%
4	Customer Deposits Active	195,420	322	195,742	1.000000	195,742		(13,581)	182,161	1.10%	2.36%	0.03%
5	Customer Deposits Inactive	2,025	3	2,029	1.000000	2,029		(141)	1,888	0.01%	0.00%	0.00%
6	Investment Tax Credit	257,117	423	257,540	0.900097	231,811		(16,083)	215,728	1.30%	7.10%	0.09%
7	Deferred Income Taxes	2,972,714	(28,193)	2,944,521	0.900097	2,650,354	(235,973)	(183,882)	2,230,499	13.43%	0.00%	0.00%
8												
9	**Total**	**20,105,169**	**-**	**20,105,169**		**18,116,357**	**(248,398)**	**(1,256,918)**	**16,611,041**	**100.00%**		**6.09%**
10												
11												
12	Supporting Schedules: D-1b, D-3, D-4a, D-5, D-6									Recap Schedules: A-1		
13												
14												

	Annual Rate
AFUDC Equity	0.043304
AFUDC Debt	0.017600
Total AFUDC WACC	**0.060904**

AFUDC Equity		
Time Period	Monthly AFUDC	Cumulative AFUDC
1	0.003539	0.003539
2	0.003552	0.007091
3	0.003564	0.010655
4	0.003577	0.014231
5	0.003589	0.017821
6	0.003602	0.021423
7	0.003615	0.025037

AFUDC Debt	
Monthly AFUDC	Cumulative AFUDC
0.001455	0.001455
0.001457	0.002912
0.001459	0.004371
0.001461	0.005833
0.001463	0.007296
0.001466	0.008762
0.001468	0.010229

AFUDC Combined	
Monthly AFUDC	Cumulative AFUDC
0.004939	0.004939
0.004963	0.009902
0.004988	0.014890
0.005013	0.019903
0.005037	0.024940
0.005062	0.030002
0.005087	0.035089

Monthly Rate = ((1 + R)^(1/12))-1

Note: Monthly rate is rounded to six decimal places per rule 25-6.0141 F.A.C.

SCHEDULE D-1b

COST OF CAPITAL - ADJUSTMENTS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: 1) List and describe the basis for specific adjustments appearing on Schedule D-1a

1) List and describe the basis for pro-rata adjustments appearing on Schedule D-1a

Type of Data Shown:

X	Projected Test Year 2 Ended	12/31/2023
X	Projected Test Year 1 Ended	12/31/2022
X	Prior Year 2 Ended	12/31/2021
X	Prior Year 1 Ended	12/31/2020
X	Historical Year Ended	12/31/2019

Witness: Olivier, Newlin

('000s)

(1) Line No.	(2) CLASS OF CAPITAL	(3) DESCRIPTION	(4)	(5)	(6) PROJECTED TEST YEAR 1 ENDED 2022	(7) PROJECTED TEST YEAR 2 ENDED 2023
1	**SPECIFIC ADJUSTMENTS**					
2						
3	COMMON EQUITY	Non Utility Property (121)			(22,175)	(21,431)
4		Non Utility Property (122)			9,751	10,085
5		Imputed Equity for Off Balance Sheet Debt			-	-
6		**Subtotal Common Equity**			**(12,425)**	**(11,345)**
7						
8	SHORT-TERM DEBT	Convert to Daily Weighted Average Balance			-	-
9		**Subtotal Short-Term Debt**			**-**	**-**
10						
11	DEFERRED INCOME TAXES	CR3 Asset Securitization			(234,409)	(218,209)
12		Depreciation Study Impact - EDIT Amort			(3,921)	(11,883)
13		Nuclear Decommissioning			2,357	2,380
14		**Subtotal Deferred Income Taxes**			**(235,973)**	**(227,711)**
15	**TOTAL SPECIFIC ADJUSTMENTS**				**(248,398)**	**(239,057)**
16						
17						
18	**PRO RATA ADJUSTMENTS**					
19		**Total Adjustments per MFR B-1**			**(1,505,316)**	**(2,045,594)**
20						
21		**Remove Specific Adjustments**			**248,398**	**239,057**
22						
23	**TOTAL PRO RATA ADJUSTMENTS**				**(1,256,918)**	**(1,806,537)**

Supporting Schedules: B-1, B-2, B-3

Recap Schedules: D-1a

SCHEDULE B-2 RATE BASE ADJUSTMENTS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: List and explain all proposed adjustments to the 13-month average rate base as for the test year, the prior year, and the most recent historical year. List the adjustments included in the last rate case that are not proposed in the current case and the reasons for excluding them.

Type of Data Shown:

X	Projected Test Year 2 Ended	12/31/2023
	Projected Test Year 1 Ended	12/31/2022
	Prior Year 2 Ended	12/31/2021
	Prior Year 1 Ended	12/31/2020
	Historical Year Ended	12/31/2019

Witness: Olivier

Line No.	(A) Adjustment Title	(B) Reason for Adjustment or Omission (provide supporting schedule)		(C) Adjustment Amount ($000)	(D) Jurisdictional Factor	(E) Jurisdictional Amount of Adjustment ($000)
1	Asset Retirement Obligations	(1)	see page 2 of 6	(23,583)	1.0000	(23,583)
2	Energy Conservation Cost Recovery Clause	(2)	see page 2 of 6	(4,995)	0.9977	(4,984)
3	Environmental Cost Recovery Clause	(3)	see page 2 of 6	(34,692)	0.9884	(34,288)
4	Fuel Adjustment Clause	(4)	see page 2 of 6	(76,631)	1.0001	(76,641)
5	Storm Protection Plan Cost Recovery Clause	(5)	see page 2 of 6	(932,645)	0.9199	(857,956)
6	Capacity Cost Recovery Clause	(6)	see page 2 of 6	(3,322)	1.0000	(3,322)
7	Nuclear Cost Recovery Clause	(7)	see page 2 of 6	0	0.0000	0
8	Under Recovery-Clauses	(8)	see page 2 of 6	(5,564)	1.0000	(5,564)
9	Derivatives	(9)	see page 2 of 6	0	0.0000	0
10	Investments Earning a Return	(10)	see page 2 of 6	(243,457)	1.0000	(243,457)
11	Jobbing Accounts	(11)	see page 2 of 6	(1,117)	1.0000	(1,117)
12	Non-Regulated and Miscellaneous	(12)	see page 2 of 6	(26,471)	0.9077	(24,028)
13	CWIP - AFUDC	(13)	see page 2 of 6	(380,045)	0.7206	(273,857)
14	Imputed Off Balance Sheet Obligations	(14)	see page 2 of 6	0	0.0000	0
15	Capital & Operating leases	(15)	see page 2 of 6	(32,395)	0.6986	(22,630)
16	Storm Reserve Deficiency	(16)	see page 2 of 6	0	0.0000	0
17	Rate Case Regulatory Asset	(17)	see page 2 of 6	2,016	1.0000	2,016
18	Depreciation Study Impact	(18)	see page 2 of 6	(237,498)	0.9651	(229,216)
19	Dismantlement Study Impact	(19)	see page 2 of 6	(710)	0.0000	0
20	Electric Vehicle Charging Station Program	(20)	see page 2 of 6	14,466	1.0000	14,466
21	Storm Reserve Study Impact	(21)	see page 2 of 6	0	0.0000	0
22	Tax Savings Regulatory Liability	(22)	see page 2 of 6	(29,000)	1.0000	(29,000)
23	Adjust Plant Retirements	(23)	see page 2 of 6	11,082	0.9099	10,084
24	Reduce EPIS	(24)	see page 2 of 6	(297,584)	0.9979	(296,957)
25	Remove FERC Interconnect	(25)	see page 2 of 6	(14,211)	-1.9078	27,113
26	Storm Capitalization Regulatory Asset	(26)	see page 2 of 6	27,389	1.0000	27,389
27	Misc Other					(61)
28	TOTAL COMMISSION & COMPANY ADJUSTMENTS			(2,288,967)		(2,045,594)

Supporting Schedules:

Recap Schedules: B-1

SCHEDULE B-2 RATE BASE ADJUSTMENTS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: List and explain all proposed adjustments to the 13-month average rate base as for the test year, the prior year, and the most recent historical year. List the adjustments included in the last rate case that are not proposed in the current case and the reasons for excluding them.

Type of Data Shown:

X	Projected Test Year 2 Ended	12/31/2023
X	Projected Test Year 1 Ended	12/31/2022
X	Prior Year 2 Ended	12/31/2021
X	Prior Year 1 Ended	12/31/2020
X	Historical Year Ended	12/31/2019

Witness: Olivier

Line No.		(A) Adjustment Title	(B) Reason for Adjustment or Omission (provide supporting schedule)
1			
2	(1)	Asset Retirement Obligations	To remove Asset Retirement Obligations associated with the retirement of plants
3	(2)	Energy Conservation Cost Recovery Clause	To remove capitalized investments that are recovered through the Energy Conservation Cost Recovery Clause
4	(3)	Environmental Cost Recovery Clause	To remove capitalized investments that are recovered through the Environmental Cost Recovery Clause
5	(4)	Fuel Adjustment Clause	To remove capitalized investments that are recovered through the Fuel Adjustment Clause
6	(5)	Storm Protection Plan Cost Recovery Clause	To remove capitalized investments that are recovered through the Storm Protection Plan Cost Recovery Clause
7	(6)	Capacity Cost Recovery Clause	To remove capitalized investments that are recovered through the Capacity Cost Recovery Clause
8	(7)	Nuclear Cost Recovery Clause	To remove capitalized investments that are recovered through the Nuclear Cost Recovery Clause (N/A after 2019)
9	(8)	Under Recovery-Clauses	To remove net clause under-recovered deferred balances per Order No. PSC-1993-0165 and 1983 Order No. 12663
10	(9)	Derivatives	To remove fuel-related derivative instruments assets & liabilities (no activity after 2019)
11	(10)	Investments Earning a Return	To remove investments earning a return in accounts 123, 124 and 128 (primarily nuclear decommissioning trust fund)
12	(11)	Jobbing Accounts	To remove jobbing related accounts related to construction activities
13	(12)	Non-Regulated and Miscellaneous	To remove non-regulated and miscellaneous accounts, including electric plant acquisition adjustments and non-utility property
14	(13)	CWIP - AFUDC	To remove CWIP that qualifies for AFUDC under Rule 25-6.0141, F.A.C.
15	(14)	Imputed Off Balance Sheet Obligations	To remove imputed off balance sheet obligations (N/A after Dec 2018)
16	(15)	Capital & Operating leases	To remove plant and corresponding liabilities associated with capitalized leases
17	(16)	Storm Reserve Deficiency	To remove the under-recovered storm reserve balance which is earning interest in Docket No. 20190110
18	(17)	Rate Case Regulatory Asset	Company adjustment to include the cost of deferred rate case expenses to be amortized over four years beginning in January 2022
19	(18)	Depreciation Study Impact	Company adjustment to include the impact of the 2020 Depreciation Study in cost of service
20	(19)	Dismantlement Study Impact	Company adjustment to include the impact of the 2020 Dismantlement Study in cost of service
21	(20)	Electric Vehicle Charging Station Program	Company adjustment to include the proposed electric vehicle charging program in cost of service
22	(21)	Storm Reserve Study Impact	Company adjustment to include the impact of the 2020 Storm Reserve Study in cost of service. (Amount is zero per Settlement Agreement)
23	(22)	Tax Savings Regulatory Liability	To reflect the deferred tax savings regulatory asset resulting from the capitalization of storm costs per Settlement Agreement
24	(23)	Adjust Plant Retirements	To reflect the accumulated depreciation impact of increasing plant retirements per Settlement Agreement
25	(24)	Reduce EPIS	To reflect the accumulated depreciation impact of reducing electric plant in service per Settlement Agreement
26	(25)	Remove FERC Interconnect	To remove the CWIP and working capital account balances associated with the FERC Interconnect per Settlement Agreement
27	(26)	Storm Capitalization Regulatory Asset	To include the accumulated amortization of the storm capitalization regulatory asset over 27 years per Settlement Agreement

Supporting Schedules:

Recap Schedules: B-1

SCHEDULE B-2 RATE BASE ADJUSTMENTS

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: List and explain all proposed adjustments to the 13-month average rate base as for the test year, the prior year, and the most recent historical year. List the adjustments included in the last rate case that are not proposed in the current case and the reasons for excluding them.

Type of Data Shown:

____	Projected Test Year 2 Ended	12/31/2023
__X__	Projected Test Year 1 Ended	12/31/2022
____	Prior Year 2 Ended	12/31/2021
____	Prior Year 1 Ended	12/31/2020
____	Historical Year Ended	12/31/2019

Witness: Olivier

Line No.	(A) Adjustment Title	(B) Reason for Adjustment or Omission (provide supporting schedule)		(C) Adjustment Amount ($000)	(D) Jurisdictional Factor	(E) Jurisdictional Amount of Adjustment ($000)
1	Asset Retirement Obligations	(1)	see page 2 of 6	(15,221)	1.0000	(15,221)
2	Energy Conservation Cost Recovery Clause	(2)	see page 2 of 6	(8,429)	0.9964	(8,398)
3	Environmental Cost Recovery Clause	(3)	see page 2 of 6	(50,396)	0.9710	(48,935)
4	Fuel Adjustment Clause	(4)	see page 2 of 6	(83,331)	1.0002	(83,348)
5	Storm Protection Plan Cost Recovery Clause	(5)	see page 2 of 6	(392,585)	0.9135	(358,611)
6	Capacity Cost Recovery Clause	(6)	see page 2 of 6	(55,381)	1.0000	(55,381)
7	Nuclear Cost Recovery Clause	(7)	see page 2 of 6	0	0.0000	0
8	Under Recovery-Clauses	(8)	see page 2 of 6	(46,292)	1.0000	(46,292)
9	Derivatives	(9)	see page 2 of 6	0	0.0000	0
10	Investments Earning a Return	(10)	see page 2 of 6	(243,457)	1.0000	(243,457)
11	Jobbing Accounts	(11)	see page 2 of 6	(1,117)	1.0000	(1,117)
12	Non-Regulated and Miscellaneous	(12)	see page 2 of 6	(27,708)	0.7578	(20,996)
13	CWIP - AFUDC	(13)	see page 2 of 6	(357,204)	0.7313	(261,230)
14	Imputed Off Balance Sheet Obligations	(14)	see page 2 of 6	0	0.0000	0
15	Capital & Operating leases	(15)	see page 2 of 6	(32,395)	0.6012	(19,475)
16	Storm Reserve Deficiency	(16)	see page 2 of 6	0	0.0000	0
17	Rate Case Regulatory Asset	(17)	see page 2 of 6	2,791	1.0000	2,791
18	Depreciation Study Impact	(18)	see page 2 of 6	(79,343)	0.9210	(73,078)
19	Dismantlement Study Impact	(19)	see page 2 of 6	(617)	0.0000	0
20	Electric Vehicle Charging Station Program	(20)	see page 2 of 6	4,755	1.0000	4,755
21	Storm Reserve Study Impact	(21)	see page 2 of 6	0	0.0000	0
22	Tax Savings Regulatory Liability	(22)	see page 2 of 6	(20,258)	1.0000	(20,258)
23	Adjust Plant Retirements	(23)	see page 2 of 6	1,594	0.9231	1,471
24	Reduce EPIS	(24)	see page 2 of 6	(302,445)	0.9999	(302,423)
25	Remove FERC Interconnect	(25)	see page 2 of 6	(15,612)	-1.1179	17,452
26	Storm Capitalization Regulatory Asset	(26)	see page 2 of 6	26,232	1.0000	26,232
27						201
28	TOTAL COMMISSION & COMPANY ADJUSTMENTS			(1,696,417)		(1,505,316)

Supporting Schedules:

Recap Schedules: B-1

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
DE Florida (Inp)			
B:[]			
C:[]			
D:[if]			
E:[]			
F:[Current Entity]	1,493,412,000	1,493,412,000	1,493,412,000
G:[Entity ID of PE Florida]	1,493,412,000	1,493,412,000	1,493,412,000
H:[if]	1,000	1,000	1,000
I:[]			
J:[Start Method]			
K:[Per Books - 13 Month Average]			
L:[Pro Forma - EOP]			
M:[Pro Forma - 13 Month Average]			
N:[MethodReturns]			
O:[]			
P:[Costs of Capital:]			
Q:[Common Equity Low ROE - Increment to Approved ROE]	(1.00%)	(1.00%)	(1.00%)
R:[Common Equity High ROE - Increment to Approved ROE]	1.00%	1.00%	1.00%
S:[Common Equity Approved ROE]	10.50%	9.85%	9.85%
T:[Common Equity Low ROE]	9.50%	8.85%	8.85%
U:[Common Equity High ROE]	11.50%	10.85%	10.85%
V:[]			
W:[After-Tax Rate]			
X:[]			
Y:[]			
Z:[<COPY FROM FINANCIAL STMTS & OTHER REPORTS>]			
AA:[Note: Balance Sheet items need their signs switched (Assets & Liabilities)]			
AB:[This will make net Liabilities appear positive (for reporting purposes)]			
AC:[]			
AD:[Common Equity:]			
AE:[0201 Common Stock]			
AF:[0207 Prem on Capital Stock]			
AG:[0211 Misc Paid in Capital]	1,766,035,361	1,766,035,361	1,766,035,361
AH:[0216 Unappropriated Retained Earnings]	6,120,014,222	6,946,954,304	7,856,059,890
AI:[0438 Dividends Declared]			
AJ:[0439004 - Cum Effect Acctg Change Tax]	186,790	186,790	186,790
AK:[0439300 Adjustment Retained Earnings]			
AL:[0219001 Other Comprehensive Income]			
AM:[0219002 OCI - Rollup Account]			
AN:[0219005 OCI - Tax Effect Interest Rate]			
AO:[0219029 OCI - Grantor Unrealized GL]			
AP:[0219032 OCI - Rabbi Unreal GL]			
AQ:[0219046 OCI - Int Rate Hedge Fed Tax]	641,602	641,602	641,602
AR:[0219047 OCI - Interest Rate]			
AS:[2191002 OCI - Rollup]	4,937,198	4,937,198	4,937,198
AT:[Common Equity Total]	7,891,815,173	8,718,755,255	9,627,860,841
AU:[]			
AV:[Preferred Stock]			
AW:[]			
AX:[Long Term Debt:]			
AY:[0181 Unamortized Expense]	(53,579,168)	(53,579,168)	(53,579,168)
AZ:[0189 Unamortized Loss on Reacquired]	(6,340,079)	(5,183,146)	(4,236,859)
BA:[0221 Bonds]	6,817,356,290	7,517,368,831	8,201,984,215
BB:[0224 Other LTD]	413,041,726	413,041,726	413,041,726
BC:[0226 Unamort. Discount on LTD]	(6,062,710)	(1,306,099)	3,259,244
BD:[0239 Current Portion of LTD]			
BE:[Long Term Debt Total]	7,164,416,058	7,870,342,143	8,560,469,158
BF:[]			
BG:[Long Term Debt Interest Expense:]			
BH:[Total LTD Interest Expenses from I.S.]	302,694,339	323,604,166	344,490,158
BI:[Long Term Debt Interest Expense Total]	302,694,339	323,604,166	344,490,158
BJ:[Long Term Debt Interest Expense - 12 mos ended]	302,694,339	323,604,166	344,490,158
BK:[]			

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
BL:[Short Term Debt:]			
BM:[0233003 IC - LT Notes Pay]			
BN:[0233150 IC Moneypool ST Notes]	294,394,154	141,922,807	105,721,101
BO:[0146006 IC Moneypool Int Rec'v]			
BP:[0145004 IC Moneypool ST Notes]	(124,590,437)	(53,127,814)	(104,500,375)
BQ:[Short Term Debt Total]	169,803,717	88,794,994	1,220,727
BR:[]			
BS:[Short Term Debt Interest Expense:]			
BT:[Total STD Interest Expenses from I.S.]	1,556,397	844,950	743,657
BU:[Total STD Interest Income from I.S.]	(700,325)	(382,885)	(862,196)
BV:[Total Revolving Credit Facilities Expense]	1,012,000	1,012,000	1,012,000
BW:[Short Term Debt Interest Expense Total]	1,868,072	1,474,065	893,461
BX:[Short Term Debt Interest Expense - 12 mos ended]	1,868,072	1,474,065	893,461
BY:[]			
BZ:[Customer Deposits:]			
CA:[0142250 - Accounts Rec OS Deposits]	(6,571,556)	(6,571,556)	(6,571,556)
CB:[0235002 Customer Deposits Active]	201,991,682	201,991,682	201,991,682
CC:[0235003 Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270
CD:[Customer Deposits Total]	197,445,397	197,445,397	197,445,397
CE:[]			
CF:[Customer Deposits Interest Expense:]			
CG:[Total Customer Deposit Interest from I.S.]	4,610,783	4,610,783	4,610,783
CH:[Customer Deposits Interest Expense -12 mos ended]	4,610,783	4,610,783	4,610,783
CI:[]			
CJ:[Investment Tax Credit:]			
CK:[0255 Accum Deferred ITC]	211,838,025	257,116,829	280,947,318
CL:[Investment Tax Credit Total]	211,838,025	257,116,829	280,947,318
CM:[]			
CN:[Deferred Income Tax:]			
CO:[0190 Accum DIT (Asset)]	(918,371,657)	(918,371,657)	(918,371,657)
CP:[0281 Accum DIT]	1	1	1
CQ:[0282 Accum DIT - Property]	2,244,414,531	2,244,414,531	2,244,414,531
CR:[0182320 FAS 109 Reg Asset]	(161,524,788)	(157,260,168)	(152,995,548)
CS:[0254100 FAS 109 Reg Liab]	49,633,898	49,633,898	49,633,898
CT:[0283 Accum DIT - Other]	893,282,406	969,919,941	1,101,239,667
CU:[0254036 Reg Liab - Excess Fed ADIT]	610,587,806	559,802,439	525,366,457
CV:[0254038 Excess ADIT Grossup LT]	224,575,461	224,575,461	224,575,461
CW:[0254988 Current Regulatory Liability]			
CX:[Deferred Income Tax Total]	2,942,597,658	2,972,714,447	3,073,862,811
CY:[]			
CZ:[FAS 109 DIT Net:]			
DA:[FAS 109 DIT Total]			
DB:[]			
DC:[]			
DD:[SPECIFIC ADJUSTMENTS]			
DE:[Specific Adj - Common Equity Input]			
DF:[Specific Adj - Common Equity Non Utility Prop 121 (switch sign)]	(22,920,077)	(22,175,370)	(21,430,662)
DG:[Specific Adj - Common Equity Non Utility Prop 122 (switch sign)]	8,998,497	8,998,497	8,998,497
DH:[Specific Adj - Common Equity Non Utility Prop Total]	(13,921,580)	(13,176,872)	(12,432,165)
DI:[Specific Adj - Common Equity Imputed OBS]			
DJ:[Specific Adj - Common Equity - Subtotal]	(13,921,580)	(13,176,872)	(12,432,165)
DK:[Specific Adj - Preferred Stock Input]			
DL:[Specific Adj - Long Term Debt Input]			
DM:[Specific Adj - Short Term Debt Input]			
DN:[Specific Adj - Customer Deposits Active Input]			
DO:[Specific Adj - Customer Deposits Inactive Input]			
DP:[Specific Adj - Investment Tax Credits Input]			
DQ:[Specific Adj - DIT (CR3) 100% Retail]	(250,608,561)	(234,408,849)	(218,209,137)
DR:[Specific Adj - DIT (Nuc Decom) System]	2,461,028	2,597,839	2,597,839
DS:[Specific Adj - DIT (Nuc Decom) Retail]	2,227,760	2,356,855	2,380,412
DT:[Specific Adj - DIT (Deprec Study EDIT Amort Impact)]		(3,921,226)	(11,882,503)
DU:[Specific Adj - DIT (CR3 + Nuc Decom + Depr Study EDIT) Retail]	(248,380,801)	(235,973,221)	(227,711,229)
DV:[Specific Adj - FAS 109 Input]			
DW:[Specific Adj - Total]	(262,302,381)	(249,150,093)	(240,143,394)

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
DX:[]			
DY:[]			
DZ:[TOTAL CAPITAL STRUCTURE SYNC TO RATE BASE]			
EA:[Total Capital - System per Books]	18,577,915,639	20,105,168,673	21,741,805,860
EB:[Total Capital - Retail per Books]	16,669,856,895	18,116,559,110	19,921,010,771
EC:[Total Capital - Retail Adjustments]	(1,387,421,721)	(1,504,641,801)	(2,045,418,725)
ED:[Total Capital - Retail FPSC Adjusted]	15,282,435,174	16,611,917,310	17,875,592,047
EE:[Total Capital - Retail Per Books as % of System Per Books]	89.61910%	90.01086%	91.54862%
EF:[Total Capital - Specific Adjs]	(262,302,381)	(249,150,093)	(240,143,394)
EG:[Total Capital - Pro Rata Adj (For Use in CR3 DIT Calc Only)]	(1,125,119,340)	(1,255,491,707)	(1,805,275,331)
EH:[Total Capital - Pro Forma Adjusted]			
EI:[Total Capital - Rollup rpt 5 (Test)]			
EJ:[Total System Adjustments rpt 3 (Test)]			
EK:[]			
EL:[<CALCULATION BEGINS HERE>]			
EM:[]			
EN:[Capital Structure Total:]			
EO:[System per Books - Common Equity]	7,891,815,173	8,718,755,255	9,627,860,841
EP:[System per Books - Preferred Stock]			
EQ:[System per Books - Long Term Debt]	7,164,416,058	7,870,342,143	8,560,469,158
ER:[System per Books - Short Term Debt]	169,803,717	88,794,994	1,220,727
ES:[System per Books - Customer Deposits Active (net of 142250)]	195,420,127	195,420,127	195,420,127
ET:[System per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270
EU:[System per Books - Invest Tax Credits]	211,838,025	257,116,829	280,947,318
EV:[System per Books - Deferred Income Tax]	2,942,597,658	2,972,714,447	3,073,862,811
EW:[System per Books - FAS 109]			
EX:[System per Books - Total Capital]	18,577,916,029	20,105,169,064	21,741,806,251
EY:[]			
EZ:[Retail Percent Excluding Customer Deposits]	89.61910%	90.01086%	91.54862%
FA:[]			
FB:[Retail Per Books:]			
FC:[Retail per Books - Common Equity]	7,072,573,363	7,847,826,776	8,814,173,880
FD:[Retail per Books - Preferred Stock]			
FE:[Retail per Books - Long Term Debt]	6,420,684,857	7,084,162,819	7,836,991,508
FF:[Retail per Books - Short Term Debt]	152,176,555	79,925,139	1,117,558
FG:[Retail per Books - Customer Deposits Active]	195,420,127	195,420,127	195,420,127
FH:[Retail per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270
FI:[Retail per Books - Investment Tax Credits]	189,847,322	231,433,075	257,203,397
FJ:[Retail per Books - Deferred Income Tax]	2,637,129,401	2,675,765,904	2,814,079,030
FK:[Retail per Books - FAS 109]			
FL:[Retail per Books - Total Capital]	16,669,856,895	18,116,559,110	19,921,010,771
FM:[]			
FN:[Retail Percent to Total Retail:]			
FO:[Retail per Books - Common Equity %]	42.43%	43.32%	44.25%
FP:[Retail per Books - Preferred Stock %]			
FQ:[Retail per Books - Long Term Debt %]	38.52%	39.10%	39.34%
FR:[Retail per Books - Short Term Debt %]	0.91%	0.44%	0.01%
FS:[Retail per Books - Customer Deposits Active %]	1.17%	1.08%	0.98%
FT:[Retail per Books - Customer Deposits Inactive %]	0.01%	0.01%	0.01%
FU:[Retail per Books - Investment Tax Credits %]	1.14%	1.28%	1.29%
FV:[Retail per Books - Deferred Income Tax %]	15.82%	14.77%	14.13%
FW:[Retail per Books - FAS 109 %]			
FX:[Retail per Books - Total Capital %]	100.00%	100.00%	100.00%
FY:[]			
FZ:[Pro Rata Adj:]			
GA:[Pro Rata Adj - Common Equity]	(477,971,125)	(544,430,713)	(799,220,070)
GB:[Pro Rata Adj - Preferred Stock]			
GC:[Pro Rata Adj - Long Term Debt]	(433,915,890)	(491,452,720)	(710,614,629)
GD:[Pro Rata Adj - Short Term Debt]	(10,284,234)	(5,544,682)	(101,334)
GE:[Pro Rata Adj - Customer Deposits Active]	(13,206,675)	(13,556,966)	(17,719,606)
GF:[Pro Rata Adj - Customer Deposits Inactive]	(136,870)	(140,500)	(183,640)
GG:[Pro Rata Adj - Investment tax Credits]	(12,830,060)	(16,055,308)	(23,321,768)
GH:[Pro Rata Adj - Deferred Income Tax]	(178,219,672)	(185,627,076)	(255,164,973)
GI:[Pro Rata Adj - FAS 109]			

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
GJ:[Pro Rata Adj - Total]	(1,126,564,526)	(1,256,807,963)	(1,806,326,020)
GK:[]			
GL:[Pro Rata Adj (For Calculation of DIT % Only)]			
GM:[Pro Rata Adj - Deferred Income Tax]	(177,991,048)	(185,432,669)	(255,016,551)
GN:[Pro Rata Adj - Total]	(1,125,119,340)	(1,255,491,707)	(1,805,275,331)
GO:[]			
GP:[Specific Adj (System):]			
GQ:[Specific Adj - Common Equity]	(13,921,580)	(13,176,872)	(12,432,165)
GR:[Specific Adj - Preferred Stock]			
GS:[Specific Adj - Long Term Debt]			
GT:[Specific Adj - Short Term Debt]			
GU:[Specific Adj - Customer Deposits Active]			
GV:[Specific Adj - Customer Deposits Inactive]			
GW:[Specific Adj - Investment Tax Credits]			
GX:[Specific Adj - Deferred Income Tax]	(248,380,801)	(235,973,221)	(227,711,229)
GY:[Specific Adj - FAS 109]			
GZ:[Specific Adj - Total Capital]	(262,302,381)	(249,150,093)	(240,143,394)
HA:[]			
HB:[System Adjusted:]			
HC:[System Adjusted - Common Equity]	7,399,922,468	8,161,147,670	8,816,208,606
HD:[System Adjusted - Preferred Stock]			
HE:[System Adjusted - Long Term Debt]	6,730,500,168	7,378,889,423	7,849,854,529
HF:[System Adjusted - Short Term Debt]	159,519,483	83,250,312	1,119,393
HG:[System Adjusted - Customer Deposits Active]	182,213,452	181,863,161	177,700,521
HH:[System Adjusted - Customer Deposits Inactive]	1,888,400	1,884,770	1,841,630
HI:[System Adjusted - Investment Tax Credits]	199,007,966	241,061,522	257,625,551
HJ:[System Adjusted - Deferred Income Tax]	2,515,997,185	2,551,114,150	2,590,986,609
HK:[System Adjusted - FAS 109]			
HL:[System Adjusted - Total Capital]	17,189,049,123	18,599,211,008	19,695,336,837
HM:[]			
HN:[Retail FPSC Adjusted % of Retail Per Books (excl. Cust Dep)]	91.58%	91.60%	89.63%
HO:[]			
HP:[Specific Adj. (Retail):]			
HQ:[Specific Adj (Retail) - Common Equity]	(12,476,394)	(11,860,616)	(11,381,475)
HR:[Specific Adj (Retail) - Preferred Stock]			
HS:[Specific Adj (Retail) - Long Term Debt]			
HT:[Specific Adj (Retail) - Short Term Debt]			
HU:[Specific Adj (Retail) - Customer Deposits Active]			
HV:[Specific Adj (Retail) - Customer Deposits Inactive]			
HW:[Specific Adj (Retail) - Investment Tax Credits]			
HX:[Specific Adj (Retail) - Deferred Income Tax]	(248,380,801)	(235,973,221)	(227,711,229)
HY:[Specific Adj (Retail) - FAS 109]			
HZ:[Specific Adj (Retail) - Total Capital]	(260,857,195)	(247,833,837)	(239,092,704)
IA:[]			
IB:[Retail FPSC Adjusted:]			
IC:[Retail FPSC Adj'd - Common Equity]	6,582,125,844	7,291,535,447	8,003,572,335
ID:[Retail FPSC Adj'd - Preferred Stock]			
IE:[Retail FPSC Adj'd - Long Term Debt]	5,986,768,967	6,592,710,100	7,126,376,879
IG:[Retail FPSC Adj'd - Short Term Debt]	141,892,321	74,380,458	1,016,224
IH:[Retail FPSC Adj'd - Customer Deposits Active]	182,213,452	181,863,161	177,700,521
II:[Retail FPSC Adj'd - Customer Deposits Inactive]	1,888,400	1,884,770	1,841,630
IJ:[Retail FPSC Adj'd - Investment Tax Credits]	177,017,262	215,377,767	233,881,629
IK:[Retail FPSC Adj'd - Deferred Income Tax]	2,210,528,927	2,254,165,607	2,331,202,828
IL:[Retail FPSC Adj'd - FAS 109]			
IM:[Retail FPSC Adj'd - Total Capital]	15,282,435,174	16,611,917,310	17,875,592,047
IN:[]			
IO:[Retail FPSC Adjusted Ratio:]			
IP:[Retail FPSC Adj'd - Common Equity Ratio]	43.07%	43.89%	44.77%
IQ:[Retail FPSC Adj'd - Preferred Stock Ratio]			
IR:[Retail FPSC Adj'd - Long Term Debt Ratio]	39.17%	39.69%	39.87%
IS:[Retail FPSC Adj'd - Short Term Debt Ratio]	0.93%	0.45%	0.01%
IT:[Retail FPSC Adj'd - Customer Deposits Active Ratio]	1.19%	1.09%	0.99%
IU:[Retail FPSC Adj'd - Customer Deposits Inactive Ratio]	0.01%	0.01%	0.01%
IV:[Retail FPSC Adj'd - Investment Tax Credits Ratio]	1.16%	1.30%	1.31%

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
IW:[Retail FPSC Adj'd - Deferred Income Tax Ratio]	14.46%	13.57%	13.04%
IX:[Retail FPSC Adj'd - FAS 109 Ratio]			
IY:[Retail FPSC Adj'd - Total Capital Ratio]	100.00%	100.00%	100.00%
IZ:[]			
JA:[Cost Rates:]			
JB:[Used to calculate ITC Cost Rate Below]			
JC:[Cost of CE + Pref Stock + LT Debt (Low Point)]	878,241,072	916,372,768	995,095,609
JD:[Cost of CE+ Pref Stock + LT Debt (Mid Point)]	944,062,331	989,288,123	1,075,131,332
JE:[Cost of CE + Pref Stock + LT Debt (High Point)]	1,009,883,589	1,062,203,477	1,155,167,056
JF:[Total CE + Pref Stock + LT Debt]	12,568,894,811	13,884,245,547	15,129,949,214
JG:[Weighted Avg Cost of CE + Pref Stock + LT Debt (Low Point)]	6.99%	6.60%	6.58%
JH:[Weighted Avg Cost of CE+ Pref Stock + LT Debt (Mid Point)]	7.51%	7.13%	7.11%
JI:[Weighted Avg Cost of CE + Pref Stock + LT Debt (High Point)]	8.03%	7.65%	7.63%
JJ:[All Other Cost Rates]			
JK:[Cost Rate - Common Equity]	10.50%	9.85%	9.85%
JL:[Cost Rate - Preferred Stock]			
JM:[Cost Rate - Long Term Debt]	4.22%	4.11%	4.02%
JN:[Cost Rate - Short Term Debt]	1.10%	1.66%	73.19%
JO:[Cost Rate - Customer Deposits Active]	2.36%	2.36%	2.36%
JP:[Cost Rate - Customer Deposits Inactive]			
JQ:[Cost Rate - Investment Tax Credits]	7.51%	7.13%	7.11%
JR:[Cost Rate - Deferred Income Tax]			
JS:[Cost Rate - FAS 109]			
JT:[]			
JU:[Weighted Cost:]			
JV:[Weighted Cost - Common Equity]	4.52%	4.32%	4.41%
JW:[Weighted Cost - Preferred Stock]			
JX:[Weighted Cost - Long Term Debt - Calculation]	1.66%	1.63%	1.60%
JY:[Weighted Cost - Short Term Debt]	0.01%	0.01%	0.00%
JZ:[Weighted Cost - Customer Deposits Active]	0.03%	0.03%	0.02%
KA:[Weighted Cost - Customer Deposits Inactive]			
KB:[Weighted Cost - Investment Tax Credits]	0.09%	0.09%	0.09%
KC:[Weighted Cost - Deferred Income Tax]			
KD:[Weighted Cost - FAS 109]			
KE:[Weighted Cost - Total Capital]	6.30%	6.08%	6.14%
KF:[]			
KG:[Pre-Tax Weighted Average Cost of Capital]	7.68%	7.48%	7.53%
KH:[]			
KI:[Weighted Cost - Low Point:]			
KJ:[Weighted Cost (Low) - Common Equity]	4.09%	3.88%	3.96%
KK:[Weighted Cost (Low) - Preferred Stock]			
KL:[Weighted Cost (Low) - Long Term Debt]	1.66%	1.63%	1.60%
KM:[Weighted Cost (Low) - Short Term Debt]	0.01%	0.01%	0.00%
KN:[Weighted Cost (Low) - Customer Deposits Active]	0.03%	0.03%	0.02%
KO:[Weighted Cost (Low) - Customer Deposits Inactive]			
KP:[Weighted Cost (Low) - Investment Tax Credits]	0.08%	0.09%	0.09%
KQ:[Weighted Cost (Low) - Deferred Income Tax]			
KR:[Weighted Cost (Low) - FAS 109]			
KS:[Weighted Cost (Low) - Total Capital]	5.87%	5.64%	5.68%
KT:[]			
KU:[Weighted Cost - High Point:]			
KV:[Weighted Cost (High) - Common Equity]	4.95%	4.76%	4.86%
KW:[Weighted Cost (High) - Preferred Stock]			
KX:[Weighted Cost (High) - Long Term Debt]	1.66%	1.63%	1.60%
KY:[Weighted Cost (High) - Short Term Debt]	0.01%	0.01%	0.00%
KZ:[Weighted Cost (High) - Customer Deposits Active]	0.03%	0.03%	0.02%
LA:[Weighted Cost (High) - Customer Deposits Inactive]			
LB:[Weighted Cost (High) - Investment Tax Credits]	0.09%	0.10%	0.10%
LC:[Weighted Cost (High) - Deferred Income Tax]			
LD:[Weighted Cost (High) - FAS 109]			
LE:[Weighted Cost (High) - Total Capital]	6.74%	6.53%	6.59%
LF:[]			
LG:[Return on Common Equity:]			
LH:[Net Operating Income - Retail Adjusted]	899,267,663	961,636,633	1,061,927,981

REG FL: 2021 Forecast FL COMPLIANCE	Year 2021	Year 2022	Year 2023
LI:[Rate Base - Retail Adjusted]	15,282,435,174	16,611,917,310	17,875,592,047
LJ:[Rate of Return]	5.88%	5.79%	5.94%
LK:[Weighted Cost of LTD]	1.66%	1.63%	1.60%
LL:[Weighted Cost of STD]	0.01%	0.01%	0.00%
LM:[Weighted Cost of Cust Deposits]	0.03%	0.03%	0.02%
LN:[Weighted Cost of ITC]	0.09%	0.09%	0.09%
LO:[Subtotal Weighted Cost of Debt]	1.78%	1.76%	1.72%
LP:[Return Available for Common Equity]	4.10%	4.03%	4.22%
LQ:[Divide by Common Equity Ratio]	43.07%	43.89%	44.77%
LR:[Return on Common Equity]	9.53%	9.18%	9.42%
LS:[]			
LT:[EndMethodCalls]			
LU:[end if]			
LV:[end if]			
LW:[]			
LX:[]			

SCHEDULE D-3 SHORT-TERM DEBT

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: Duke Energy Florida, LLC

DOCKET NO.:

Explanation: 1. Provide the specified data on short-term debt issues on a 13-month average basis for the test year, prior year and historical base year.
2. Provide narrative description of the Company's policies regarding short-term financing. The following topics should be covered: ratio of short-term debt to total capital, plant expansion, working capital, timing of long-term financing, method of short-term financing (bank loans, commercial paper, etc.), and other uses of short-term financing.

Type of Data Shown:

XX	Projected Test Year 2 Ended	12/31/2023
__	Projected Test Year 1 Ended	12/31/2022
__	Prior Year 2 Ended	12/31/2021
__	Prior Year 1 Ended	12/31/2020
__	Historical Test Year Ended	12/31/2019

($000)

Witness: Newlin

Line No.	(A) Maturity Date	(B) Interest Rate	(C) Interest Income/Expense	(D) 13-month Average Amount Outstanding During the Year *	(E) Weighted Average Cost of Short-Term Debt
1					
2	Money Pool			$1,221	
3	Credit Facility Fees	N/A	$1,012		
4	Moneypool Interest (Income)/Expense	Various	($119)		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16			$893	$1,221	73.19%
17					

18 *Represents the 13-month average of the monthly balances in order to reflect the appropriate balance upon which the cost is incurred.

19

20

21 Company Policy Regarding Short-Term Financing

22 DEF participates in Duke Energy's utility money pool program. This program, as approved by the FERC, enables DEF to access additional liquidity from any of its affiliate utilities, including Duke Energy
23 Carolinas, Duke Energy Progress, Duke Energy Indiana, Duke Energy Ohio, Duke Energy Kentucky, Piedmont Natural Gas, or it's parent, Duke Energy Corp. DEF also has access to Duke Energy's $8.0 billion
24 master credit facility, from which it can borrow up to a maximum sublimit of $1.2 billion. The short-term financing needs are reviewed annually as a part of the company's annual planning process.
25 Several factors influence the amount of short-term financing including operating cash flow, capital expenditure program, and dividend policy.
26

Supporting Schedules:

Recap Schedules: D-1a

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
DE Florida (Inp)								
B:[]								
C:[]								
D:[if]								
E:[]								
O:[]								
P:[Costs of Capital:]								
Q:[Common Equity Low ROE - Increment to Approved ROE]	(1.00%)	(1.00%)	(1.00%)	(1.00%)	(1.00%)	(1.00%)	(1.00%)	(1.00%)
R:[Common Equity High ROE - Increment to Approved ROE]	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
S:[Common Equity Approved ROE]	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%
T:[Common Equity Low ROE]	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%
U:[Common Equity High ROE]	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
V:[]								
W:[After-Tax Rate]								
X:[]								
Y:[]								
Z:[<COPY FROM FINANCIAL STMTS & OTHER REPORTS>]								
AA:[Note: Balance Sheet items need their signs switched (Assets & Liabilities)]								
AB:[This will make net Liabilities appear positive (for reporting purposes)]								
AC:[]								
AD:[Common Equity:]								
AE:[0201 Common Stock]								
AF:[0207 Prem on Capital Stock]								
AG:[0211 Misc Paid in Capital]	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361
AH:[0216 Unappropriated Retained Earnings]	7,021,265,020	7,095,099,616	7,169,391,708	7,244,697,982	7,322,446,185	7,402,202,810	7,480,168,489	7,558,318,772
AI:[0438 Dividends Declared]								
AJ:[0439004 - Cum Effect Acctg Change Tax]	186,790	186,790	186,790	186,790	186,790	186,790	186,790	186,790
AK:[0439300 Adjustment Retained Earnings]								
AL:[0219001 Other Comprehensive Income]								
AM:[0219002 OCI - Rollup Account]								
AN:[0219005 OCI - Tax Effect Interest Rate]								
AO:[0219029 OCI - Grantor Unrealized GL]								
AP:[0219032 OCI - Rabbi Unreal GL]								
AQ:[0219046 OCI - Int Rate Hedge Fed Tax]	641,602	641,602	641,602	641,602	641,602	641,602	641,602	641,602
AR:[0219047 OCI - Interest Rate]								
AS:[2191002 OCI - Rollup]	4,937,198	4,937,198	4,937,198	4,937,198	4,937,198	4,937,198	4,937,198	4,937,198
AT:[Common Equity Total]	8,793,065,971	8,866,900,567	8,941,192,659	9,016,498,933	9,094,247,136	9,174,003,760	9,251,969,440	9,330,119,723
AU:[]								
AV:[Preferred Stock]								
AW:[]								
AX:[Long Term Debt:]								

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
AY:[0181 Unamortized Expense]	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)
AZ:[0189 Unamortized Loss on Reacquired]	(5,104,289)	(5,025,432)	(4,946,574)	(4,867,717)	(4,788,860)	(4,710,002)	(4,631,145)	(4,552,288)
BA:[0221 Bonds]	7,555,830,369	7,594,291,908	7,632,753,446	7,671,214,985	7,709,676,523	7,801,984,215	7,894,291,908	7,986,599,600
BB:[0224 Other LTD]	413,041,726	413,041,726	413,041,726	413,041,726	413,041,726	413,041,726	413,041,726	413,041,726
BC:[0226 Unamort. Discount on LTD]	(925,654)	(545,209)	(164,764)	215,682	596,127	976,572	1,357,017	1,737,463
BD:[0239 Current Portion of LTD]								
BE:[Long Term Debt Total]	7,909,262,984	7,948,183,825	7,987,104,666	8,026,025,507	8,064,946,348	8,157,713,342	8,250,480,337	8,343,247,332
BF:[]								
BG:[Long Term Debt Interest Expense:]								
BH:[Total LTD Interest Expenses from I.S.]	27,675,462	27,675,462	27,675,462	27,675,462	27,675,462	29,035,077	29,512,962	29,512,962
BI:[Long Term Debt Interest Expense Total]	27,675,462	27,675,462	27,675,462	27,675,462	27,675,462	29,035,077	29,512,962	29,512,962
BJ:[Long Term Debt Interest Expense - 12 mos ended]	324,801,978	325,999,791	327,197,604	328,395,417	329,593,230	332,150,658	335,185,971	337,275,834
BK:[]								
BL:[Short Term Debt:]								
BM:[0233003 IC - LT Notes Pay]								
BN:[0233150 IC Moneypool ST Notes]	149,894,003	156,307,299	167,985,830	177,536,280	188,834,004	159,435,971	132,442,093	105,721,101
BO:[0146006 IC Moneypool Int Rec'v]								
BP:[0145004 IC Moneypool ST Notes]	(52,130,142)	(52,130,142)	(52,130,142)	(52,130,142)	(52,130,142)	(67,693,867)	(83,879,313)	(105,194,154)
BQ:[Short Term Debt Total]	97,763,861	104,177,157	115,855,688	125,406,138	136,703,862	91,742,105	48,562,780	526,948
BR:[]								
BS:[Short Term Debt Interest Expense:]								
BT:[Total STD Interest Expenses from I.S.]	28,861	73,204	123,613	177,751	219,753	120,476		
BU:[Total STD Interest Income from I.S.]	(8,850)	(9,227)	(9,460)	(9,783)	(10,185)	(65,253)	(122,509)	(143,161)
BV:[Total Revolving Credit Facilities Expense]			253,000			253,000		
BW:[Short Term Debt Interest Expense Total]	20,012	63,977	367,152	167,968	209,567	308,223	(122,509)	(143,161)
BX:[Short Term Debt Interest Expense - 12 mos ended]	1,482,253	1,500,143	1,531,941	1,581,152	1,640,269	1,533,134	1,256,469	1,086,725
BY:[]								
BZ:[Customer Deposits:]								
CA:[0142250 - Accounts Rec OS Deposits]	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)
CB:[0235002 Customer Deposits Active]	201,991,682	201,991,682	201,991,682	201,991,682	201,991,682	201,991,682	201,991,682	201,991,682
CC:[0235003 Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
CD:[Customer Deposits Total]	197,445,397	197,445,397	197,445,397	197,445,397	197,445,397	197,445,397	197,445,397	197,445,397
CE:[]								
CF:[Customer Deposits Interest Expense:]								
CG:[Total Customer Deposit Interest from I.S.]	384,232	384,232	384,232	384,232	384,232	384,232	384,232	384,232
CH:[Customer Deposits Interest Expense -12 mos ended]	4,610,783	4,610,783	4,610,783	4,610,783	4,610,783	4,610,783	4,610,783	4,610,783
CI:[]								
CJ:[Investment Tax Credit:]								
CK:[0255 Accum Deferred ITC]	259,332,611	261,506,591	263,638,769	265,729,146	267,777,723	269,784,497	271,749,471	273,672,643
CL:[Investment Tax Credit Total]	259,332,611	261,506,591	263,638,769	265,729,146	267,777,723	269,784,497	271,749,471	273,672,643
CM:[]								
CN:[Deferred Income Tax:]								

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
CO:[0190 Accum DIT (Asset)]	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)
CP:[0281 Accum DIT]	1	1	1	1	1	1	1	1
CQ:[0282 Accum DIT - Property]	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531
CR:[0182320 FAS 109 Reg Asset]	(156,904,783)	(156,549,398)	(156,194,013)	(155,838,628)	(155,483,243)	(155,127,858)	(154,772,473)	(154,417,088)
CS:[0254100 FAS 109 Reg Liab]	49,633,898	49,633,898	49,633,898	49,633,898	49,633,898	49,633,898	49,633,898	49,633,898
CT:[0283 Accum DIT - Other]	978,813,634	987,974,819	997,427,192	1,007,068,161	1,017,108,365	1,027,321,954	1,039,427,731	1,051,604,040
CU:[0254036 Reg Liab - Excess Fed ADIT]	555,753,600	551,919,156	548,299,107	544,893,453	541,702,195	538,725,332	535,962,865	533,414,792
CV:[0254038 Excess ADIT Grossup LT]	224,575,461	224,575,461	224,575,461	224,575,461	224,575,461	224,575,461	224,575,461	224,575,461
CW:[0254988 Current Regulatory Liability]								
CX:[Deferred Income Tax Total]	2,977,914,685	2,983,596,811	2,989,784,520	2,996,375,221	3,003,579,551	3,011,171,662	3,020,870,357	3,030,853,978
CY:[]								
CZ:[FAS 109 DIT Net:]								
DA:[FAS 109 DIT Total]								
DB:[]								
DC:[]								
DD:[SPECIFIC ADJUSTMENTS]								
DE:[Specific Adj - Common Equity Input]								
DF:[Specific Adj - Common Equity Non Utility Prop 121 (swit	(22,113,311)	(22,051,252)	(21,989,193)	(21,927,134)	(21,865,075)	(21,803,016)	(21,740,957)	(21,678,898)
DG:[Specific Adj - Common Equity Non Utility Prop 122 (swi	8,998,497	8,998,497	8,998,497	8,998,497	8,998,497	8,998,497	8,998,497	8,998,497
DH:[Specific Adj - Common Equity Non Utility Prop Total]	(13,114,813)	(13,052,754)	(12,990,695)	(12,928,636)	(12,866,577)	(12,804,518)	(12,742,459)	(12,680,401)
DI:[Specific Adj - Common Equity Imputed OBS]								
DJ:[Specific Adj - Common Equity - Subtotal]	(13,114,813)	(13,052,754)	(12,990,695)	(12,928,636)	(12,866,577)	(12,804,518)	(12,742,459)	(12,680,401)
DK:[Specific Adj - Preferred Stock Input]								
DL:[Specific Adj - Long Term Debt Input]								
DM:[Specific Adj - Short Term Debt Input]								
DN:[Specific Adj - Customer Deposits Active Input]								
DO:[Specific Adj - Customer Deposits Inactive Input]								
DP:[Specific Adj - Investment Tax Credits Input]								
DQ:[Specific Adj - DIT (CR3) 100% Retail]	(233,058,873)	(231,708,897)	(230,358,921)	(229,008,945)	(227,658,969)	(226,308,993)	(224,959,017)	(223,609,041)
DR:[Specific Adj - DIT (Nuc Decom) System]	2,540,286	2,628,830	2,713,363	2,713,363	2,644,238	2,748,842	2,748,842	2,733,593
DS:[Specific Adj - DIT (Nuc Decom) Retail]	2,306,197	2,388,527	2,467,768	2,470,640	2,409,712	2,507,085	2,509,349	2,498,272
DT:[Specific Adj - DIT (Deprec Study EDIT Amort Impact)]	(4,576,287)	(5,232,872)	(5,890,980)	(6,550,611)	(7,211,766)	(7,874,444)	(8,538,645)	(9,204,370)
DU:[Specific Adj - DIT (CR3 + Nuc Decom + Depr Study EDIT) Re	(235,328,963)	(234,553,242)	(233,782,133)	(233,088,916)	(232,461,023)	(231,676,352)	(230,988,314)	(230,315,140)
DV:[Specific Adj - FAS 109 Input]								
DW:[Specific Adj - Total]	(248,443,777)	(247,605,997)	(246,772,829)	(246,017,553)	(245,327,601)	(244,480,870)	(243,730,773)	(242,995,540)
DX:[]								
DY:[]								
DZ:[TOTAL CAPITAL STRUCTURE SYNC TO RATE BASE]								
EA:[Total Capital - System per Books]	20,234,785,118	20,361,809,957	20,495,021,307	20,627,479,951	20,764,699,626	20,901,860,373	21,041,077,391	21,175,865,629
EB:[Total Capital - Retail per Books]	18,567,688,394	18,680,537,483	18,799,926,085	18,918,170,527	19,041,059,039	19,164,488,136	19,289,665,425	19,410,537,318
EC:[Total Capital - Retail Adjustments]	(1,232,435,023)	(1,284,629,409)	(1,341,414,564)	(1,398,269,026)	(1,457,911,849)	(1,517,533,288)	(1,581,026,408)	(1,643,922,979)
ED:[Total Capital - Retail FPSC Adjusted]	17,335,253,372	17,395,908,074	17,458,511,521	17,519,901,502	17,583,147,190	17,646,954,848	17,708,639,016	17,766,614,340
EE:[Total Capital - Retail Per Books as % of System Per Books]	91.68005%	91.66216%	91.64878%	91.63335%	91.61949%	91.60869%	91.59737%	91.58503%

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
EF:[Total Capital - Specific Adjs]	(248,443,777)	(247,605,997)	(246,772,829)	(246,017,553)	(245,327,601)	(244,480,870)	(243,730,773)	(242,995,540)
EG:[Total Capital - Pro Rata Adj (For Use in CR3 DIT Calc Only)]	(983,991,246)	(1,037,023,412)	(1,094,641,736)	(1,152,251,473)	(1,212,584,248)	(1,273,052,417)	(1,337,295,635)	(1,400,927,438)
EH:[Total Capital - Pro Forma Adjusted]								
EI:[Total Capital - Rollup rpt 5 (Test)]								
EJ:[Total System Adjustments rpt 3 (Test)]								
EK:[]								
EL:[<CALCULATION BEGINS HERE>]								
EM:[]								
EN:[Capital Structure Total:]								
EO:[System per Books - Common Equity]	8,793,065,971	8,866,900,567	8,941,192,659	9,016,498,933	9,094,247,136	9,174,003,760	9,251,969,440	9,330,119,723
EP:[System per Books - Preferred Stock]								
EQ:[System per Books - Long Term Debt]	7,909,262,984	7,948,183,825	7,987,104,666	8,026,025,507	8,064,946,348	8,157,713,342	8,250,480,337	8,343,247,332
ER:[System per Books - Short Term Debt]	97,763,861	104,177,157	115,855,688	125,406,138	136,703,862	91,742,105	48,562,780	526,948
ES:[System per Books - Customer Deposits Active (net of 142250)]	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127
ET:[System per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
EU:[System per Books - Invest Tax Credits]	259,332,611	261,506,591	263,638,769	265,729,146	267,777,723	269,784,497	271,749,471	273,672,643
EV:[System per Books - Deferred Income Tax]	2,977,914,685	2,983,596,811	2,989,784,520	2,996,375,221	3,003,579,551	3,011,171,662	3,020,870,357	3,030,853,978
EW:[System per Books - FAS 109]								
EX:[System per Books - Total Capital]	20,234,785,508	20,361,810,347	20,495,021,698	20,627,480,342	20,764,700,016	20,901,860,764	21,041,077,781	21,175,866,020
EY:[]								
EZ:[Retail Percent Excluding Customer Deposits]	91.68005%	91.66216%	91.64878%	91.63335%	91.61949%	91.60869%	91.59737%	91.58503%
FA:[]								
FB:[Retail Per Books:]								
FC:[Retail per Books - Common Equity]	8,061,487,087	8,127,592,419	8,194,493,830	8,262,119,895	8,332,102,780	8,404,184,244	8,474,561,102	8,544,992,547
FD:[Retail per Books - Preferred Stock]								
FE:[Retail per Books - Long Term Debt]	7,251,216,086	7,285,476,825	7,320,083,841	7,354,515,927	7,389,062,655	7,473,173,952	7,557,223,378	7,641,165,214
FF:[Retail per Books - Short Term Debt]	89,629,955	95,491,030	106,180,323	114,913,844	125,247,381	84,043,736	44,482,232	482,605
FG:[Retail per Books - Customer Deposits Active]	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127
FH:[Retail per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
FI:[Retail per Books - Investment Tax Credits]	237,756,261	239,702,585	241,621,711	243,496,515	245,336,582	247,146,031	248,915,381	250,643,160
FJ:[Retail per Books - Deferred Income Tax]	2,730,153,608	2,734,829,227	2,740,100,984	2,745,678,950	2,751,864,245	2,758,494,775	2,767,037,936	2,775,808,395
FK:[Retail per Books - FAS 109]								
FL:[Retail per Books - Total Capital]	18,567,688,394	18,680,537,483	18,799,926,085	18,918,170,527	19,041,059,039	19,164,488,136	19,289,665,425	19,410,537,318
FM:[]								
FN:[Retail Percent to Total Retail:]								
FO:[Retail per Books - Common Equity %]	43.42%	43.51%	43.59%	43.67%	43.76%	43.85%	43.93%	44.02%
FP:[Retail per Books - Preferred Stock %]								
FQ:[Retail per Books - Long Term Debt %]	39.05%	39.00%	38.94%	38.88%	38.81%	38.99%	39.18%	39.37%
FR:[Retail per Books - Short Term Debt %]	0.48%	0.51%	0.56%	0.61%	0.66%	0.44%	0.23%	0.00%
FS:[Retail per Books - Customer Deposits Active %]	1.05%	1.05%	1.04%	1.03%	1.03%	1.02%	1.01%	1.01%
FT:[Retail per Books - Customer Deposits Inactive %]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FU:[Retail per Books - Investment Tax Credits %]	1.28%	1.28%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
FV:[Retail per Books - Deferred Income Tax %]	14.70%	14.64%	14.58%	14.51%	14.45%	14.39%	14.34%	14.30%
FW:[Retail per Books - FAS 109 %]								
FX:[Retail per Books - Total Capital %]	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FY:[]								
FZ:[Pro Rata Adj:]								
GA:[Pro Rata Adj - Common Equity]	(427,690,772)	(451,665,218)	(477,604,272)	(503,694,419)	(531,081,856)	(558,741,617)	(587,986,730)	(617,192,213)
GB:[Pro Rata Adj - Preferred Stock]								
GC:[Pro Rata Adj - Long Term Debt]	(384,702,992)	(404,867,310)	(426,640,545)	(448,362,971)	(470,973,200)	(496,844,569)	(524,339,492)	(551,910,097)
GD:[Pro Rata Adj - Short Term Debt]	(4,755,190)	(5,306,612)	(6,188,567)	(7,005,643)	(7,983,172)	(5,587,542)	(3,086,291)	(34,858)
GE:[Pro Rata Adj - Customer Deposits Active]	(10,367,738)	(10,859,855)	(11,389,781)	(11,913,653)	(12,455,929)	(12,992,261)	(13,558,748)	(14,114,908)
GF:[Pro Rata Adj - Customer Deposits Inactive]	(107,448)	(112,548)	(118,040)	(123,469)	(129,089)	(134,648)	(140,518)	(146,282)
GG:[Pro Rata Adj - Investment tax Credits]	(12,613,821)	(13,320,712)	(14,082,573)	(14,844,596)	(15,637,566)	(16,431,193)	(17,270,386)	(18,103,586)
GH:[Pro Rata Adj - Deferred Income Tax]	(144,844,430)	(151,979,476)	(159,702,840)	(167,388,416)	(175,401,721)	(183,395,055)	(191,984,171)	(200,492,548)
GI:[Pro Rata Adj - FAS 109]								
GJ:[Pro Rata Adj - Total]	(985,082,392)	(1,038,111,730)	(1,095,726,617)	(1,153,333,167)	(1,213,662,533)	(1,274,126,885)	(1,338,366,336)	(1,401,994,491)
GK:[]								
GL:[Pro Rata Adj (For Calculation of DIT % Only)]								
GM:[Pro Rata Adj - Deferred Income Tax]	(144,683,990)	(151,820,146)	(159,544,718)	(167,231,425)	(175,245,885)	(183,240,398)	(191,830,582)	(200,339,954)
GN:[Pro Rata Adj - Total]	(983,991,246)	(1,037,023,412)	(1,094,641,736)	(1,152,251,473)	(1,212,584,248)	(1,273,052,417)	(1,337,295,635)	(1,400,927,438)
GO:[]								
GP:[Specific Adj (System):]								
GQ:[Specific Adj - Common Equity]	(13,114,813)	(13,052,754)	(12,990,695)	(12,928,636)	(12,866,577)	(12,804,518)	(12,742,459)	(12,680,401)
GR:[Specific Adj - Preferred Stock]								
GS:[Specific Adj - Long Term Debt]								
GT:[Specific Adj - Short Term Debt]								
GU:[Specific Adj - Customer Deposits Active]								
GV:[Specific Adj - Customer Deposits Inactive]								
GW:[Specific Adj - Investment Tax Credits]								
GX:[Specific Adj - Deferred Income Tax]	(235,328,963)	(234,553,242)	(233,782,133)	(233,088,916)	(232,461,023)	(231,676,352)	(230,988,314)	(230,315,140)
GY:[Specific Adj - FAS 109]								
GZ:[Specific Adj - Total Capital]	(248,443,777)	(247,605,997)	(246,772,829)	(246,017,553)	(245,327,601)	(244,480,870)	(243,730,773)	(242,995,540)
HA:[]								
HB:[System Adjusted:]								
HC:[System Adjusted - Common Equity]	8,352,260,385	8,402,182,595	8,450,597,692	8,499,875,878	8,550,298,703	8,602,457,625	8,651,240,250	8,700,247,110
HD:[System Adjusted - Preferred Stock]								
HE:[System Adjusted - Long Term Debt]	7,524,559,991	7,543,316,515	7,560,464,121	7,577,662,535	7,593,973,148	7,660,868,773	7,726,140,846	7,791,337,235
HF:[System Adjusted - Short Term Debt]	93,008,671	98,870,545	109,667,121	118,400,495	128,720,690	86,154,563	45,476,489	492,090
HG:[System Adjusted - Customer Deposits Active]	185,052,389	184,560,272	184,030,346	183,506,474	182,964,197	182,427,866	181,861,378	181,305,219
HH:[System Adjusted - Customer Deposits Inactive]	1,917,822	1,912,722	1,907,230	1,901,801	1,896,181	1,890,622	1,884,752	1,878,988
HI:[System Adjusted - Investment Tax Credits]	246,718,789	248,185,878	249,556,196	250,884,550	252,140,157	253,353,304	254,479,085	255,569,057
HJ:[System Adjusted - Deferred Income Tax]	2,597,741,292	2,597,064,093	2,596,299,547	2,595,897,888	2,595,716,807	2,596,100,256	2,597,897,872	2,600,046,291
HK:[System Adjusted - FAS 109]								
HL:[System Adjusted - Total Capital]	19,001,259,339	19,076,092,621	19,152,522,252	19,228,129,622	19,305,709,883	19,383,253,009	19,458,980,672	19,530,875,989

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
HM:[]								
HN:[Retail FPSC Adjusted % of Retail Per Books (excl. Cust Dep)]	93.29%	93.05%	92.79%	92.53%	92.26%	92.00%	91.72%	91.44%
HO:[]								
HP:[Specific Adj. (Retail):]								
HQ:[Specific Adj (Retail) - Common Equity]	(12,023,667)	(11,964,436)	(11,905,814)	(11,846,942)	(11,788,293)	(11,730,051)	(11,671,758)	(11,613,348)
HR:[Specific Adj (Retail) - Preferred Stock]								
HS:[Specific Adj (Retail) - Long Term Debt]								
HT:[Specific Adj (Retail) - Short Term Debt]								
HU:[Specific Adj (Retail) - Customer Deposits Active]								
HV:[Specific Adj (Retail) - Customer Deposits Inactive]								
HW:[Specific Adj (Retail) - Investment Tax Credits]								
HX:[Specific Adj (Retail) - Deferred Income Tax]	(235,328,963)	(234,553,242)	(233,782,133)	(233,088,916)	(232,461,023)	(231,676,352)	(230,988,314)	(230,315,140)
HY:[Specific Adj (Retail) - FAS 109]								
HZ:[Specific Adj (Retail) - Total Capital]	(247,352,631)	(246,517,679)	(245,687,947)	(244,935,859)	(244,249,316)	(243,406,403)	(242,660,072)	(241,928,488)
IA:[]								
IB:[Retail FPSC Adjusted:]								
IC:[Retail FPSC Adj'd - Common Equity]	7,621,772,648	7,663,962,765	7,704,983,745	7,746,578,534	7,789,232,632	7,833,712,576	7,874,902,614	7,916,186,986
ID:[Retail FPSC Adj'd - Preferred Stock]								
IE:[Retail FPSC Adj'd - Long Term Debt]	6,866,513,094	6,880,609,516	6,893,443,296	6,906,152,956	6,918,089,455	6,976,329,383	7,032,883,886	7,089,255,117
IG:[Retail FPSC Adj'd - Short Term Debt]	84,874,765	90,184,419	99,991,755	107,908,201	117,264,208	78,456,194	41,395,940	447,747
IH:[Retail FPSC Adj'd - Customer Deposits Active]	185,052,389	184,560,272	184,030,346	183,506,474	182,964,197	182,427,866	181,861,378	181,305,219
II:[Retail FPSC Adj'd - Customer Deposits Inactive]	1,917,822	1,912,722	1,907,230	1,901,801	1,896,181	1,890,622	1,884,752	1,878,988
IJ:[Retail FPSC Adj'd - Investment Tax Credits]	225,142,440	226,381,872	227,539,137	228,651,919	229,699,016	230,714,838	231,644,995	232,539,574
IK:[Retail FPSC Adj'd - Deferred Income Tax]	2,349,980,214	2,348,296,509	2,346,616,011	2,345,201,618	2,344,001,500	2,343,423,369	2,344,065,451	2,345,000,708
IL:[Retail FPSC Adj'd - FAS 109]								
IM:[Retail FPSC Adj'd - Total Capital]	17,335,253,372	17,395,908,074	17,458,511,521	17,519,901,502	17,583,147,190	17,646,954,848	17,708,639,016	17,766,614,340
IN:[]								
IO:[Retail FPSC Adjusted Ratio:]								
IP:[Retail FPSC Adj'd - Common Equity Ratio]	43.97%	44.06%	44.13%	44.22%	44.30%	44.39%	44.47%	44.56%
IQ:[Retail FPSC Adj'd - Preferred Stock Ratio]								
IR:[Retail FPSC Adj'd - Long Term Debt Ratio]	39.61%	39.55%	39.48%	39.42%	39.35%	39.53%	39.71%	39.90%
IS:[Retail FPSC Adj'd - Short Term Debt Ratio]	0.49%	0.52%	0.57%	0.62%	0.67%	0.44%	0.23%	0.00%
IT:[Retail FPSC Adj'd - Customer Deposits Active Ratio]	1.07%	1.06%	1.05%	1.05%	1.04%	1.03%	1.03%	1.02%
IU:[Retail FPSC Adj'd - Customer Deposits Inactive Ratio]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
IV:[Retail FPSC Adj'd - Investment Tax Credits Ratio]	1.30%	1.30%	1.30%	1.31%	1.31%	1.31%	1.31%	1.31%
IW:[Retail FPSC Adj'd - Deferred Income Tax Ratio]	13.56%	13.50%	13.44%	13.39%	13.33%	13.28%	13.24%	13.20%
IX:[Retail FPSC Adj'd - FAS 109 Ratio]								
IY:[Retail FPSC Adj'd - Total Capital Ratio]	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
IZ:[]								
JA:[Cost Rates:]								
JB:[Used to calculate ITC Cost Rate Below]								
JC:[Cost of CE + Pref Stock + LT Debt (Low Point)]	1,006,048,789	1,010,289,018	1,014,368,419	1,018,499,316	1,022,701,293	1,028,251,950	1,033,835,357	1,038,620,954
JD:[Cost of CE+ Pref Stock + LT Debt (Mid Point)]	1,082,266,515	1,086,928,645	1,091,418,257	1,095,965,101	1,100,593,619	1,106,589,075	1,112,584,383	1,117,782,823

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
JE:[Cost of CE + Pref Stock + LT Debt (High Point)]	1,158,484,242	1,163,568,273	1,168,468,094	1,173,430,886	1,178,485,946	1,184,926,201	1,191,333,409	1,196,944,693
JF:[Total CE + Pref Stock + LT Debt]	14,488,285,742	14,544,572,280	14,598,427,041	14,652,731,490	14,707,322,087	14,810,041,959	14,907,786,500	15,005,442,104
JG:[Weighted Avg Cost of CE + Pref Stock + LT Debt (Low Point)]	6.94%	6.95%	6.95%	6.95%	6.95%	6.94%	6.93%	6.92%
JH:[Weighted Avg Cost of CE+ Pref Stock + LT Debt (Mid Point)]	7.47%	7.47%	7.48%	7.48%	7.48%	7.47%	7.46%	7.45%
JI:[Weighted Avg Cost of CE + Pref Stock + LT Debt (High Point)]	8.00%	8.00%	8.00%	8.01%	8.01%	8.00%	7.99%	7.98%
JJ:[All Other Cost Rates]								
JK:[Cost Rate - Common Equity]	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%	10.50%
JL:[Cost Rate - Preferred Stock]								
JM:[Cost Rate - Long Term Debt]	4.11%	4.10%	4.10%	4.09%	4.09%	4.07%	4.06%	4.04%
JN:[Cost Rate - Short Term Debt]	1.52%	1.44%	1.32%	1.26%	1.20%	1.67%	2.59%	206.23%
JO:[Cost Rate - Customer Deposits Active]	2.36%	2.36%	2.36%	2.36%	2.36%	2.36%	2.36%	2.36%
JP:[Cost Rate - Customer Deposits Inactive]								
JQ:[Cost Rate - Investment Tax Credits]	7.47%	7.47%	7.48%	7.48%	7.48%	7.47%	7.46%	7.45%
JR:[Cost Rate - Deferred Income Tax]								
JS:[Cost Rate - FAS 109]								
JT:[]								
JU:[Weighted Cost:]								
JV:[Weighted Cost - Common Equity]	4.62%	4.63%	4.63%	4.64%	4.65%	4.66%	4.67%	4.68%
JW:[Weighted Cost - Preferred Stock]								
JX:[Weighted Cost - Long Term Debt - Calculation]	1.63%	1.62%	1.62%	1.61%	1.61%	1.61%	1.61%	1.61%
JY:[Weighted Cost - Short Term Debt]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
JZ:[Weighted Cost - Customer Deposits Active]	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
KA:[Weighted Cost - Customer Deposits Inactive]								
KB:[Weighted Cost - Investment Tax Credits]	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
KC:[Weighted Cost - Deferred Income Tax]								
KD:[Weighted Cost - FAS 109]								
KE:[Weighted Cost - Total Capital]	6.37%	6.38%	6.38%	6.39%	6.39%	6.40%	6.41%	6.42%
KF:[]								
KG:[Pre-Tax Weighted Average Cost of Capital]	7.84%	7.85%	7.85%	7.86%	7.87%	7.88%	7.89%	7.91%
KH:[]								
KI:[Weighted Cost - Low Point:]								
KJ:[Weighted Cost (Low) - Common Equity]	4.18%	4.19%	4.19%	4.20%	4.21%	4.22%	4.22%	4.23%
KK:[Weighted Cost (Low) - Preferred Stock]								
KL:[Weighted Cost (Low) - Long Term Debt]	1.63%	1.62%	1.62%	1.61%	1.61%	1.61%	1.61%	1.61%
KM:[Weighted Cost (Low) - Short Term Debt]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
KN:[Weighted Cost (Low) - Customer Deposits Active]	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
KO:[Weighted Cost (Low) - Customer Deposits Inactive]								
KP:[Weighted Cost (Low) - Investment Tax Credits]	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%
KQ:[Weighted Cost (Low) - Deferred Income Tax]								
KR:[Weighted Cost (Low) - FAS 109]								
KS:[Weighted Cost (Low) - Total Capital]	5.93%	5.93%	5.93%	5.94%	5.94%	5.95%	5.96%	5.97%
KT:[]								
KU:[Weighted Cost - High Point:]								

REG FL: 2021 Forecast FL RATE CASE	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
KV:[Weighted Cost (High) - Common Equity]	5.06%	5.07%	5.08%	5.08%	5.09%	5.10%	5.11%	5.12%
KW:[Weighted Cost (High) - Preferred Stock]								
KX:[Weighted Cost (High) - Long Term Debt]	1.63%	1.62%	1.62%	1.61%	1.61%	1.61%	1.61%	1.61%
KY:[Weighted Cost (High) - Short Term Debt]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
KZ:[Weighted Cost (High) - Customer Deposits Active]	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
LA:[Weighted Cost (High) - Customer Deposits Inactive]								
LB:[Weighted Cost (High) - Investment Tax Credits]	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
LC:[Weighted Cost (High) - Deferred Income Tax]								
LD:[Weighted Cost (High) - FAS 109]								
LE:[Weighted Cost (High) - Total Capital]	6.82%	6.83%	6.83%	6.83%	6.84%	6.85%	6.86%	6.87%
LF:[]								
LG:[Return on Common Equity:]								
LH:[Net Operating Income - Retail Adjusted]	856,065,233	860,453,048	865,174,623	869,969,920	871,123,710	868,086,541	865,473,746	862,802,167
LI:[Rate Base - Retail Adjusted]	17,335,253,372	17,395,908,074	17,458,511,521	17,519,901,502	17,583,147,190	17,646,954,848	17,708,639,016	17,766,614,340
LJ:[Rate of Return]	4.94%	4.95%	4.96%	4.97%	4.95%	4.92%	4.89%	4.86%
LK:[Weighted Cost of LTD]	1.63%	1.62%	1.62%	1.61%	1.61%	1.61%	1.61%	1.61%
LL:[Weighted Cost of STD]	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
LM:[Weighted Cost of Cust Deposits]	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
LN:[Weighted Cost of ITC]	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
LO:[Subtotal Weighted Cost of Debt]	1.76%	1.75%	1.75%	1.74%	1.74%	1.74%	1.74%	1.74%
LP:[Return Available for Common Equity]	3.18%	3.19%	3.21%	3.22%	3.22%	3.18%	3.15%	3.12%
LQ:[Divide by Common Equity Ratio]	43.97%	44.06%	44.13%	44.22%	44.30%	44.39%	44.47%	44.56%
LR:[Return on Common Equity]	7.24%	7.25%	7.27%	7.29%	7.26%	7.16%	7.07%	6.99%
LS:[]								
LT:[EndMethodCalls]								
LV:[end if]								
LW:[]								
LX:[]								

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
DE Florida (Inp)					
B:[]					
C:[]					
D:[if]					
E:[]					
O:[]					
P:[Costs of Capital:]					
Q:[Common Equity Low ROE - Increment to Approved ROE]	(1.00%)	(1.00%)	(1.00%)	(1.00%)	(1.00%)
R:[Common Equity High ROE - Increment to Approved ROE]	1.00%	1.00%	1.00%	1.00%	1.00%
S:[Common Equity Approved ROE]	10.50%	10.50%	10.50%	10.50%	10.50%
T:[Common Equity Low ROE]	9.50%	9.50%	9.50%	9.50%	9.50%
U:[Common Equity High ROE]	11.50%	11.50%	11.50%	11.50%	11.50%
V:[]					
W:[After-Tax Rate]					
X:[]					
Y:[]					
Z:[<COPY FROM FINANCIAL STMTS & OTHER REPORTS>]					
AA:[Note: Balance Sheet items need their signs switched (Assets &					
AB:[This will make net Liabilities appear positive (for reporting pur					
AC:[]					
AD:[Common Equity:]					
AE:[0201 Common Stock]					
AF:[0207 Prem on Capital Stock]					
AG:[0211 Misc Paid in Capital]	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361	1,766,035,361
AH:[0216 Unappropriated Retained Earnings]	7,635,476,947	7,710,345,658	7,783,207,553	7,856,059,890	7,856,059,890
AI:[0438 Dividends Declared]					
AJ:[0439004 - Cum Effect Acctg Change Tax]	186,790	186,790	186,790	186,790	186,790
AK:[0439300 Adjustment Retained Earnings]					
AL:[0219001 Other Comprehensive Income]					
AM:[0219002 OCI - Rollup Account]					
AN:[0219005 OCI - Tax Effect Interest Rate]					
AO:[0219029 OCI - Grantor Unrealized GL]					
AP:[0219032 OCI - Rabbi Unreal GL]					
AQ:[0219046 OCI - Int Rate Hedge Fed Tax]	641,602	641,602	641,602	641,602	641,602
AR:[0219047 OCI - Interest Rate]					
AS:[2191002 OCI - Rollup]	4,937,198	4,937,198	4,937,198	4,937,198	4,937,198
AT:[Common Equity Total]	9,407,277,898	9,482,146,609	9,555,008,504	9,627,860,841	9,627,860,841
AU:[]					
AV:[Preferred Stock]					
AW:[]					
AX:[Long Term Debt:]					

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
AY:[0181 Unamortized Expense]	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)	(53,579,168)
AZ:[0189 Unamortized Loss on Reacquired]	(4,473,431)	(4,394,573)	(4,315,716)	(4,236,859)	(4,236,859)
BA:[0221 Bonds]	8,040,445,754	8,094,291,908	8,148,138,062	8,201,984,215	8,201,984,215
BB:[0224 Other LTD]	413,041,726	413,041,726	413,041,726	413,041,726	413,041,726
BC:[0226 Unamort. Discount on LTD]	2,117,908	2,498,353	2,878,798	3,259,244	3,259,244
BD:[0239 Current Portion of LTD]					
BE:[Long Term Debt Total]	8,397,552,789	8,451,858,245	8,506,163,701	8,560,469,158	8,560,469,158
BF:[]					
BG:[Long Term Debt Interest Expense:]					
BH:[Total LTD Interest Expenses from I.S.]	29,512,962	29,512,962	29,512,962	29,512,962	344,490,158
BI:[Long Term Debt Interest Expense Total]	29,512,962	29,512,962	29,512,962	29,512,962	344,490,158
BJ:[Long Term Debt Interest Expense - 12 mos ended]	339,040,314	340,804,793	342,621,408	344,490,158	344,490,158
BK:[]					
BL:[Short Term Debt:]					
BM:[0233003 IC - LT Notes Pay]					
BN:[0233150 IC Moneypool ST Notes]	105,721,101	105,721,101	105,721,101	105,721,101	105,721,101
BO:[0146006 IC Moneypool Int Rec'v]					
BP:[0145004 IC Moneypool ST Notes]	(111,465,535)	(123,014,012)	(108,841,453)	(104,500,375)	(104,500,375)
BQ:[Short Term Debt Total]	(5,744,434)	(17,292,911)	(3,120,352)	1,220,727	1,220,727
BR:[]					
BS:[Short Term Debt Interest Expense:]					
BT:[Total STD Interest Expenses from I.S.]					743,657
BU:[Total STD Interest Income from I.S.]	(163,867)	(174,886)	(114,764)	(30,251)	(862,196)
BV:[Total Revolving Credit Facilities Expense]	253,000			253,000	1,012,000
BW:[Short Term Debt Interest Expense Total]	89,133	(174,886)	(114,764)	222,749	893,461
BX:[Short Term Debt Interest Expense - 12 mos ended]	1,014,301	940,787	903,356	893,461	893,461
BY:[]					
BZ:[Customer Deposits:]					
CA:[0142250 - Accounts Rec OS Deposits]	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)	(6,571,556)
CB:[0235002 Customer Deposits Active]	201,991,682	201,991,682	201,991,682	201,991,682	201,991,682
CC:[0235003 Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
CD:[Customer Deposits Total]	197,445,397	197,445,397	197,445,397	197,445,397	197,445,397
CE:[]					
CF:[Customer Deposits Interest Expense:]					
CG:[Total Customer Deposit Interest from I.S.]	384,232	384,232	384,232	384,232	4,610,783
CH:[Customer Deposits Interest Expense -12 mos ended]	4,610,783	4,610,783	4,610,783	4,610,783	4,610,783
CI:[]					
CJ:[Investment Tax Credit:]					
CK:[0255 Accum Deferred ITC]	275,554,014	277,393,583	279,191,351	280,947,318	280,947,318
CL:[Investment Tax Credit Total]	275,554,014	277,393,583	279,191,351	280,947,318	280,947,318
CM:[]					
CN:[Deferred Income Tax:]					

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
CO:[0190 Accum DIT (Asset)]	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)	(918,371,657)
CP:[0281 Accum DIT]	1	1	1	1	1
CQ:[0282 Accum DIT - Property]	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531	2,244,414,531
CR:[0182320 FAS 109 Reg Asset]	(154,061,703)	(153,706,318)	(153,350,933)	(152,995,548)	(152,995,548)
CS:[0254100 FAS 109 Reg Liab]	49,633,898	49,633,898	49,633,898	49,633,898	49,633,898
CT:[0283 Accum DIT - Other]	1,063,989,984	1,076,685,852	1,089,657,895	1,101,239,667	1,101,239,667
CU:[0254036 Reg Liab - Excess Fed ADIT]	531,081,116	528,961,834	527,056,948	525,366,457	525,366,457
CV:[0254038 Excess ADIT Grossup LT]	224,575,461	224,575,461	224,575,461	224,575,461	224,575,461
CW:[0254988 Current Regulatory Liability]					
CX:[Deferred Income Tax Total]	3,041,261,631	3,052,193,602	3,063,616,144	3,073,862,811	3,073,862,811
CY:[]					
CZ:[FAS 109 DIT Net:]					
DA:[FAS 109 DIT Total]					
DB:[]					
DC:[]					
DD:[SPECIFIC ADJUSTMENTS]					
DE:[Specific Adj - Common Equity Input]					
DF:[Specific Adj - Common Equity Non Utility Prop 121 (swit	(21,616,839)	(21,554,780)	(21,492,721)	(21,430,662)	(21,430,662)
DG:[Specific Adj - Common Equity Non Utility Prop 122 (swi	8,998,497	8,998,497	8,998,497	8,998,497	8,998,497
DH:[Specific Adj - Common Equity Non Utility Prop Total]	(12,618,342)	(12,556,283)	(12,494,224)	(12,432,165)	(12,432,165)
DI:[Specific Adj - Common Equity Imputed OBS]					
DJ:[Specific Adj - Common Equity - Subtotal]	(12,618,342)	(12,556,283)	(12,494,224)	(12,432,165)	(12,432,165)
DK:[Specific Adj - Preferred Stock Input]					
DL:[Specific Adj - Long Term Debt Input]					
DM:[Specific Adj - Short Term Debt Input]					
DN:[Specific Adj - Customer Deposits Active Input]					
DO:[Specific Adj - Customer Deposits Inactive Input]					
DP:[Specific Adj - Investment Tax Credits Input]					
DQ:[Specific Adj - DIT (CR3) 100% Retail]	(222,259,065)	(220,909,089)	(219,559,113)	(218,209,137)	(218,209,137)
DR:[Specific Adj - DIT (Nuc Decom) System]	2,647,433	2,647,433	2,629,303	2,597,839	2,597,839
DS:[Specific Adj - DIT (Nuc Decom) Retail]	2,421,506	2,424,027	2,407,918	2,380,418	2,380,418
DT:[Specific Adj - DIT (Deprec Study EDIT Amort Impact)]	(9,871,618)	(10,540,390)	(11,210,685)	(11,882,503)	(11,882,503)
DU:[Specific Adj - DIT (CR3 + Nuc Decom + Depr Study EDIT) Re	(229,709,178)	(229,025,453)	(228,361,880)	(227,711,223)	(227,711,223)
DV:[Specific Adj - FAS 109 Input]					
DW:[Specific Adj - Total]	(242,327,520)	(241,581,735)	(240,856,103)	(240,143,387)	(240,143,387)
DX:[]					
DY:[]					
DZ:[TOTAL CAPITAL STRUCTURE SYNC TO RATE BASE]					
EA:[Total Capital - System per Books]	21,313,346,903	21,443,744,134	21,598,304,356	21,741,805,860	21,741,805,860
EB:[Total Capital - Retail per Books]	19,534,413,239	19,650,834,158	19,790,956,597	19,921,072,130	19,921,072,130
EC:[Total Capital - Retail Adjustments]	(1,706,839,543)	(1,764,761,337)	(1,822,210,415)	(1,877,773,926)	(1,877,773,926)
ED:[Total Capital - Retail FPSC Adjusted]	17,827,573,696	17,886,072,821	17,968,746,181	18,043,298,204	18,043,298,204
EE:[Total Capital - Retail Per Books as % of System Per Books]	91.57538%	91.56131%	91.55479%	91.54891%	91.54891%

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
EF:[Total Capital - Specific Adjs]	(242,327,520)	(241,581,735)	(240,856,103)	(240,143,387)	(240,143,387)
EG:[Total Capital - Pro Rata Adj (For Use in CR3 DIT Calc Only)]	(1,464,512,023)	(1,523,179,602)	(1,581,354,312)	(1,637,630,539)	(1,637,630,539)
EH:[Total Capital - Pro Forma Adjusted]					
EI:[Total Capital - Rollup rpt 5 (Test)]					
EJ:[Total System Adjustments rpt 3 (Test)]					
EK:[]					
EL:[<CALCULATION BEGINS HERE>]					
EM:[]					
EN:[Capital Structure Total:]					
EO:[System per Books - Common Equity]	9,407,277,898	9,482,146,609	9,555,008,504	9,627,860,841	9,627,860,841
EP:[System per Books - Preferred Stock]					
EQ:[System per Books - Long Term Debt]	8,397,552,789	8,451,858,245	8,506,163,701	8,560,469,158	8,560,469,158
ER:[System per Books - Short Term Debt]	(5,744,434)	(17,292,911)	(3,120,352)	1,220,727	1,220,727
ES:[System per Books - Customer Deposits Active (net of 142250)]	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127
ET:[System per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
EU:[System per Books - Invest Tax Credits]	275,554,014	277,393,583	279,191,351	280,947,318	280,947,318
EV:[System per Books - Deferred Income Tax]	3,041,261,631	3,052,193,602	3,063,616,144	3,073,862,811	3,073,862,811
EW:[System per Books - FAS 109]					
EX:[System per Books - Total Capital]	21,313,347,294	21,443,744,525	21,598,304,746	21,741,806,251	21,741,806,251
EY:[]					
EZ:[Retail Percent Excluding Customer Deposits]	91.57538%	91.56131%	91.55479%	91.54891%	91.54891%
FA:[]					
FB:[Retail Per Books:]					
FC:[Retail per Books - Common Equity]	8,614,750,678	8,681,977,184	8,748,067,687	8,814,201,301	8,814,201,301
FD:[Retail per Books - Preferred Stock]					
FE:[Retail per Books - Long Term Debt]	7,690,091,052	7,738,631,712	7,787,800,061	7,837,015,889	7,837,015,889
FF:[Retail per Books - Short Term Debt]	(5,260,487)	(15,833,615)	(2,856,831)	1,117,562	1,117,562
FG:[Retail per Books - Customer Deposits Active]	195,420,127	195,420,127	195,420,127	195,420,127	195,420,127
FH:[Retail per Books - Customer Deposits Inactive]	2,025,270	2,025,270	2,025,270	2,025,270	2,025,270
FI:[Retail per Books - Investment Tax Credits]	252,339,641	253,985,185	255,613,047	257,204,197	257,204,197
FJ:[Retail per Books - Deferred Income Tax]	2,785,046,959	2,794,628,295	2,804,887,236	2,814,087,785	2,814,087,785
FK:[Retail per Books - FAS 109]					
FL:[Retail per Books - Total Capital]	19,534,413,239	19,650,834,158	19,790,956,597	19,921,072,130	19,921,072,130
FM:[]					
FN:[Retail Percent to Total Retail:]					
FO:[Retail per Books - Common Equity %]	44.10%	44.18%	44.20%	44.25%	44.25%
FP:[Retail per Books - Preferred Stock %]					
FQ:[Retail per Books - Long Term Debt %]	39.37%	39.38%	39.35%	39.34%	39.34%
FR:[Retail per Books - Short Term Debt %]	(0.03%)	(0.08%)	(0.01%)	0.01%	0.01%
FS:[Retail per Books - Customer Deposits Active %]	1.00%	0.99%	0.99%	0.98%	0.98%
FT:[Retail per Books - Customer Deposits Inactive %]	0.01%	0.01%	0.01%	0.01%	0.01%
FU:[Retail per Books - Investment Tax Credits %]	1.29%	1.29%	1.29%	1.29%	1.29%

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
FV:[Retail per Books - Deferred Income Tax %]	14.26%	14.22%	14.17%	14.13%	14.13%
FW:[Retail per Books - FAS 109 %]					
FX:[Retail per Books - Total Capital %]	100.00%	100.00%	100.00%	100.00%	100.00%
FY:[]					
FZ:[Pro Rata Adj:]					
GA:[Pro Rata Adj - Common Equity]	(646,324,191)	(673,427,385)	(699,462,158)	(725,044,606)	(725,044,606)
GB:[Pro Rata Adj - Preferred Stock]					
GC:[Pro Rata Adj - Long Term Debt]	(576,951,332)	(600,255,726)	(622,682,817)	(644,662,620)	(644,662,620)
GD:[Pro Rata Adj - Short Term Debt]	394,670	1,228,152	228,421	(91,929)	(91,929)
GE:[Pro Rata Adj - Customer Deposits Active]	(14,661,452)	(15,157,983)	(15,625,049)	(16,075,003)	(16,075,003)
GF:[Pro Rata Adj - Customer Deposits Inactive]	(151,946)	(157,092)	(161,933)	(166,596)	(166,596)
GG:[Pro Rata Adj - Investment tax Credits]	(18,931,855)	(19,700,648)	(20,437,845)	(21,157,279)	(21,157,279)
GH:[Pro Rata Adj - Deferred Income Tax]	(208,948,963)	(216,768,506)	(224,268,095)	(231,483,160)	(231,483,160)
GI:[Pro Rata Adj - FAS 109]					
GJ:[Pro Rata Adj - Total]	(1,465,575,071)	(1,524,239,188)	(1,582,409,476)	(1,638,681,193)	(1,638,681,193)
GK:[]					
GL:[Pro Rata Adj (For Calculation of DIT % Only)]					
GM:[Pro Rata Adj - Deferred Income Tax]	(208,797,403)	(216,617,818)	(224,118,552)	(231,334,743)	(231,334,743)
GN:[Pro Rata Adj - Total]	(1,464,512,023)	(1,523,179,602)	(1,581,354,312)	(1,637,630,539)	(1,637,630,539)
GO:[]					
GP:[Specific Adj (System):]					
GQ:[Specific Adj - Common Equity]	(12,618,342)	(12,556,283)	(12,494,224)	(12,432,165)	(12,432,165)
GR:[Specific Adj - Preferred Stock]					
GS:[Specific Adj - Long Term Debt]					
GT:[Specific Adj - Short Term Debt]					
GU:[Specific Adj - Customer Deposits Active]					
GV:[Specific Adj - Customer Deposits Inactive]					
GW:[Specific Adj - Investment Tax Credits]					
GX:[Specific Adj - Deferred Income Tax]	(229,709,178)	(229,025,453)	(228,361,880)	(227,711,223)	(227,711,223)
GY:[Specific Adj - FAS 109]					
GZ:[Specific Adj - Total Capital]	(242,327,520)	(241,581,735)	(240,856,103)	(240,143,387)	(240,143,387)
HA:[]					
HB:[System Adjusted:]					
HC:[System Adjusted - Common Equity]	8,748,335,365	8,796,162,942	8,843,052,123	8,890,384,070	8,890,384,070
HD:[System Adjusted - Preferred Stock]					
HE:[System Adjusted - Long Term Debt]	7,820,601,457	7,851,602,519	7,883,480,884	7,915,806,538	7,915,806,538
HF:[System Adjusted - Short Term Debt]	(5,349,764)	(16,064,759)	(2,891,930)	1,128,797	1,128,797
HG:[System Adjusted - Customer Deposits Active]	180,758,675	180,262,144	179,795,078	179,345,124	179,345,124
HH:[System Adjusted - Customer Deposits Inactive]	1,873,324	1,868,178	1,863,337	1,858,674	1,858,674
HI:[System Adjusted - Investment Tax Credits]	256,622,158	257,692,935	258,753,506	259,790,039	259,790,039
HJ:[System Adjusted - Deferred Income Tax]	2,602,603,490	2,606,399,643	2,610,986,169	2,614,668,428	2,614,668,428
HK:[System Adjusted - FAS 109]					
HL:[System Adjusted - Total Capital]	19,605,444,704	19,677,923,601	19,775,039,167	19,862,981,671	19,862,981,671

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
HM:[]					
HN:[Retail FPSC Adjusted % of Retail Per Books (excl. Cust Dep)]	91.17%	90.93%	90.70%	90.48%	90.48%
HO:[]					
HP:[Specific Adj. (Retail):]					
HQ:[Specific Adj (Retail) - Common Equity]	(11,555,294)	(11,496,696)	(11,439,060)	(11,381,511)	(11,381,511)
HR:[Specific Adj (Retail) - Preferred Stock]					
HS:[Specific Adj (Retail) - Long Term Debt]					
HT:[Specific Adj (Retail) - Short Term Debt]					
HU:[Specific Adj (Retail) - Customer Deposits Active]					
HV:[Specific Adj (Retail) - Customer Deposits Inactive]					
HW:[Specific Adj (Retail) - Investment Tax Credits]					
HX:[Specific Adj (Retail) - Deferred Income Tax]	(229,709,178)	(229,025,453)	(228,361,880)	(227,711,223)	(227,711,223)
HY:[Specific Adj (Retail) - FAS 109]					
HZ:[Specific Adj (Retail) - Total Capital]	(241,264,473)	(240,522,149)	(239,800,940)	(239,092,733)	(239,092,733)
IA:[]					
IB:[Retail FPSC Adjusted:]					
IC:[Retail FPSC Adj'd - Common Equity]	7,956,871,193	7,997,053,103	8,037,166,469	8,077,775,184	8,077,775,184
ID:[Retail FPSC Adj'd - Preferred Stock]					
IE:[Retail FPSC Adj'd - Long Term Debt]	7,113,139,720	7,138,375,986	7,165,117,244	7,192,353,269	7,192,353,269
IG:[Retail FPSC Adj'd - Short Term Debt]	(4,865,818)	(14,605,463)	(2,628,410)	1,025,633	1,025,633
IH:[Retail FPSC Adj'd - Customer Deposits Active]	180,758,675	180,262,144	179,795,078	179,345,124	179,345,124
II:[Retail FPSC Adj'd - Customer Deposits Inactive]	1,873,324	1,868,178	1,863,337	1,858,674	1,858,674
IJ:[Retail FPSC Adj'd - Investment Tax Credits]	233,407,785	234,284,537	235,175,202	236,046,918	236,046,918
IK:[Retail FPSC Adj'd - Deferred Income Tax]	2,346,388,818	2,348,834,337	2,352,257,261	2,354,893,402	2,354,893,402
IL:[Retail FPSC Adj'd - FAS 109]					
IM:[Retail FPSC Adj'd - Total Capital]	17,827,573,696	17,886,072,821	17,968,746,181	18,043,298,204	18,043,298,204
IN:[]					
IO:[Retail FPSC Adjusted Ratio:]					
IP:[Retail FPSC Adj'd - Common Equity Ratio]	44.63%	44.71%	44.73%	44.77%	44.77%
IQ:[Retail FPSC Adj'd - Preferred Stock Ratio]					
IR:[Retail FPSC Adj'd - Long Term Debt Ratio]	39.90%	39.91%	39.88%	39.86%	39.86%
IS:[Retail FPSC Adj'd - Short Term Debt Ratio]	(0.03%)	(0.08%)	(0.01%)	0.01%	0.01%
IT:[Retail FPSC Adj'd - Customer Deposits Active Ratio]	1.01%	1.01%	1.00%	0.99%	0.99%
IU:[Retail FPSC Adj'd - Customer Deposits Inactive Ratio]	0.01%	0.01%	0.01%	0.01%	0.01%
IV:[Retail FPSC Adj'd - Investment Tax Credits Ratio]	1.31%	1.31%	1.31%	1.31%	1.31%
IW:[Retail FPSC Adj'd - Deferred Income Tax Ratio]	13.16%	13.13%	13.09%	13.05%	13.05%
IX:[Retail FPSC Adj'd - FAS 109 Ratio]					
IY:[Retail FPSC Adj'd - Total Capital Ratio]	100.00%	100.00%	100.00%	100.00%	100.00%
IZ:[]					
JA:[Cost Rates:]					
JB:[Used to calculate ITC Cost Rate Below]					
JC:[Cost of CE + Pref Stock + LT Debt (Low Point)]	1,043,086,564	1,047,561,213	1,052,135,954	1,056,823,120	1,056,823,120
JD:[Cost of CE+ Pref Stock + LT Debt (Mid Point)]	1,122,655,276	1,127,531,744	1,132,507,619	1,137,600,872	1,137,600,872

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
JE:[Cost of CE + Pref Stock + LT Debt (High Point)]	1,202,223,988	1,207,502,275	1,212,879,283	1,218,378,623	1,218,378,623
JF:[Total CE + Pref Stock + LT Debt]	15,070,010,913	15,135,429,090	15,202,283,713	15,270,128,453	15,270,128,453
JG:[Weighted Avg Cost of CE + Pref Stock + LT Debt (Low Point)]	6.92%	6.92%	6.92%	6.92%	6.92%
JH:[Weighted Avg Cost of CE+ Pref Stock + LT Debt (Mid Point)]	7.45%	7.45%	7.45%	7.45%	7.45%
JI:[Weighted Avg Cost of CE + Pref Stock + LT Debt (High Point)]	7.98%	7.98%	7.98%	7.98%	7.98%
JJ:[All Other Cost Rates]					
JK:[Cost Rate - Common Equity]	10.50%	10.50%	10.50%	10.50%	10.50%
JL:[Cost Rate - Preferred Stock]					
JM:[Cost Rate - Long Term Debt]	4.04%	4.03%	4.03%	4.02%	4.02%
JN:[Cost Rate - Short Term Debt]	(17.66%)	(5.44%)	(28.95%)	73.19%	73.19%
JO:[Cost Rate - Customer Deposits Active]	2.36%	2.36%	2.36%	2.36%	2.36%
JP:[Cost Rate - Customer Deposits Inactive]					
JQ:[Cost Rate - Investment Tax Credits]	7.45%	7.45%	7.45%	7.45%	7.45%
JR:[Cost Rate - Deferred Income Tax]					
JS:[Cost Rate - FAS 109]					
JT:[]					
JU:[Weighted Cost:]					
JV:[Weighted Cost - Common Equity]	4.69%	4.69%	4.70%	4.70%	4.70%
JW:[Weighted Cost - Preferred Stock]					
JX:[Weighted Cost - Long Term Debt - Calculation]	1.61%	1.61%	1.61%	1.60%	1.60%
JY:[Weighted Cost - Short Term Debt]	0.00%	0.00%	0.00%	0.00%	0.00%
JZ:[Weighted Cost - Customer Deposits Active]	0.02%	0.02%	0.02%	0.02%	0.02%
KA:[Weighted Cost - Customer Deposits Inactive]					
KB:[Weighted Cost - Investment Tax Credits]	0.10%	0.10%	0.10%	0.10%	0.10%
KC:[Weighted Cost - Deferred Income Tax]					
KD:[Weighted Cost - FAS 109]					
KE:[Weighted Cost - Total Capital]	6.42%	6.43%	6.43%	6.43%	6.43%
KF:[]					
KG:[Pre-Tax Weighted Average Cost of Capital]	7.92%	7.92%	7.92%	7.92%	7.92%
KH:[]					
KI:[Weighted Cost - Low Point:]					
KJ:[Weighted Cost (Low) - Common Equity]	4.24%	4.25%	4.25%	4.25%	4.25%
KK:[Weighted Cost (Low) - Preferred Stock]					
KL:[Weighted Cost (Low) - Long Term Debt]	1.61%	1.61%	1.61%	1.60%	1.60%
KM:[Weighted Cost (Low) - Short Term Debt]	0.00%	0.00%	0.00%	0.00%	0.00%
KN:[Weighted Cost (Low) - Customer Deposits Active]	0.02%	0.02%	0.02%	0.02%	0.02%
KO:[Weighted Cost (Low) - Customer Deposits Inactive]					
KP:[Weighted Cost (Low) - Investment Tax Credits]	0.09%	0.09%	0.09%	0.09%	0.09%
KQ:[Weighted Cost (Low) - Deferred Income Tax]					
KR:[Weighted Cost (Low) - FAS 109]					
KS:[Weighted Cost (Low) - Total Capital]	5.97%	5.98%	5.97%	5.98%	5.98%
KT:[]					
KU:[Weighted Cost - High Point:]					

REG FL: 2021 Forecast FL RATE CASE	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Year 2023
KV:[Weighted Cost (High) - Common Equity]	5.13%	5.14%	5.14%	5.15%	5.15%
KW:[Weighted Cost (High) - Preferred Stock]					
KX:[Weighted Cost (High) - Long Term Debt]	1.61%	1.61%	1.61%	1.60%	1.60%
KY:[Weighted Cost (High) - Short Term Debt]	0.00%	0.00%	0.00%	0.00%	0.00%
KZ:[Weighted Cost (High) - Customer Deposits Active]	0.02%	0.02%	0.02%	0.02%	0.02%
LA:[Weighted Cost (High) - Customer Deposits Inactive]					
LB:[Weighted Cost (High) - Investment Tax Credits]	0.10%	0.10%	0.10%	0.10%	0.10%
LC:[Weighted Cost (High) - Deferred Income Tax]					
LD:[Weighted Cost (High) - FAS 109]					
LE:[Weighted Cost (High) - Total Capital]	6.88%	6.88%	6.88%	6.88%	6.88%
LF:[]					
LG:[Return on Common Equity:]					
LH:[Net Operating Income - Retail Adjusted]	859,449,005	855,052,135	849,297,820	853,431,241	853,431,241
LI:[Rate Base - Retail Adjusted]	17,827,573,696	17,886,072,821	17,968,746,181	18,043,298,204	18,043,298,204
LJ:[Rate of Return]	4.82%	4.78%	4.73%	4.73%	4.73%
LK:[Weighted Cost of LTD]	1.61%	1.61%	1.61%	1.60%	1.60%
LL:[Weighted Cost of STD]	0.00%	0.00%	0.00%	0.00%	0.00%
LM:[Weighted Cost of Cust Deposits]	0.02%	0.02%	0.02%	0.02%	0.02%
LN:[Weighted Cost of ITC]	0.10%	0.10%	0.10%	0.10%	0.10%
LO:[Subtotal Weighted Cost of Debt]	1.74%	1.74%	1.73%	1.73%	1.73%
LP:[Return Available for Common Equity]	3.08%	3.05%	3.00%	3.00%	3.00%
LQ:[Divide by Common Equity Ratio]	44.63%	44.71%	44.73%	44.77%	44.77%
LR:[Return on Common Equity]	6.91%	6.81%	6.70%	6.70%	6.70%
LS:[]					
LT:[EndMethodCalls]					
LV:[end if]					
LW:[]					
LX:[]					

Duke Energy Florida, LLC
2021 Settlement - ROE Trigger
ROE Calculation

Impact of ROE Trigger on May 2022 Earnings Surveillance Report ("ESR")

Line	Description		Exhibit B (As Filed)	Exhibit B (Solved for 10.10% ROE)
1	ROE Trigger Revenue Requirement Increase Cap		24,428,000	24,428,000
2	Less Income Tax 25.345%		6,191,277	6,191,277
3	Net Operating Income Impact		18,236,723	18,236,723
4	May 2022 ESR - Sched 4 p4 Common Equity		7,007,012,030	7,007,012,030
5	Impact on ROE	lines 3 / 4	0.26%	0.26%
7	May 2022 ESR, Sched 1 (Pro Forma ROE) \ (Solved For ROE)		9.20%	9.84%
8	**Pro Forma ROE with ROE Trigger Revenue Increas**	**Lines 5 + 6**	**9.46%**	**10.10%**
9	**Weather Normalization (Favorable)/Unfavorable Impact - Pre Tax**		**($45,913,473)**	**$13,993,343**

	(As Filed May 2022 ESR)					Updated Column (4) and (5) To Solve for a 10.10% ROE	
	(1) Actual Per Books	(2) FPSC Adjustments	(3) FPSC Adjusted	(4) Pro Forma Adjustments	(5) Pro Forma Adjusted	(4) Pro Forma Adjustments	(5) Pro Forma Adjusted
I. AVERAGE RATE OF RETURN (Jurisdictional)						(Solved for)	
Net Operating Income	$986,782,025	($40,993,839)	$945,788,186	($34,276,703)	$911,511,483	$10,446,730	$956,234,916
Average Rate Base	$17,398,502,622	($1,558,218,099)	$15,840,284,524	$0	$15,840,284,524	$0	$15,840,284,524
Average Rate of Return	5.67%		5.97%		5.75%		6.04%

F. FPSC ADJUSTED AVERAGE RETURN ON COMMON EQUITY	**Pro Forma**	**Pro Forma**
FPSC AVERAGE EARNED RATE OF RETURN	5.75%	6.04%
LESS RETAIL WEIGHTED AVERAGE COST RATES FOR:		
LONG TERM DEBT	1.56%	1.56%
SHORT TERM DEBT	0.01%	0.01%
CUSTOMER DEPOSITS	0.03%	0.03%
DEFERRED INCOME TAXES		
INVESTMENT TAX CREDITS	0.09%	0.09%
DEFERRED INCOME TAX (FAS 109)		
SUBTOTAL	1.68%	1.68%
TOTAL	4.07%	4.35%
DIVIDED BY COMMON EQUITY RATIC	44.24%	44.24%
JURISDICTIONAL RETURN ON COMM	**9.20%**	**9.84%**

Calculation of Weather

Calendar Sales	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
Residential	2,012,342	2,289,400	2,162,033	1,997,073	1,834,369	1,381,749	1,266,747	1,944,875	1,296,280	1,559,818	1,577,655	2,020,180
Commercial	1,102,216	1,136,976	1,191,262	1,021,129	1,052,900	848,493	847,889	926,688	778,932	1,064,785	976,892	1,079,470
Industrial	307,275	299,052	280,048	288,675	279,572	189,284	297,826	263,608	242,704	269,008	302,381	370,200
OPA	279,332	263,249	303,965	298,072	283,240	238,965	210,398	244,016	215,024	317,478	256,642	275,939
Total	3,701,165	3,988,676	3,937,307	3,604,949	3,450,080	2,658,491	2,622,861	3,379,186	2,532,939	3,211,089	3,113,571	3,745,789

Weather Normal Adjustment (from calculated values on Weather Normal Adj tab)

Residential	0.9883941	0.9779844	0.9498338	0.9898817	0.9060446	1.0435385	1.0962723	1.0057358	1.0443970	0.9662300	0.9430777	0.9389350
Commercial	0.9957704	0.9902417	0.9763176	0.9965265	0.9607088	1.0246053	0.9618264	1.0033409	0.9903874	0.9652378	0.9674362	0.9755929
Industrial	0.9988953	0.9978484	0.9951544	0.9990161	0.9897605	1.0068418	0.9913752	1.0011749	0.9956802	0.9787030	0.9822732	0.9818859
OPA	0.9978828	0.9938444	0.9874461	0.9977680	0.9687994	1.0158246	0.9767201	1.0050960	0.9863066	0.9677779	0.9807117	0.9828721

Weather Normal Sales

Residential	1,988,987	2,238,997	2,053,572	1,976,866	1,662,021	1,441,908	1,388,700	1,956,030	1,353,830	1,507,142	1,487,852	1,896,818
Commercial	1,097,554	1,125,881	1,163,050	1,017,582	1,011,530	869,370	815,522	929,784	771,445	1,027,771	945,081	1,053,124
Industrial	306,936	298,408	278,691	288,391	276,709	190,579	295,257	263,918	241,655	263,279	297,021	363,494
OPA	278,740	261,628	300,149	297,407	274,403	242,747	205,500	245,260	212,079	307,248	251,692	271,213
Total	3,672,217	3,924,915	3,795,462	3,580,246	3,224,662	2,744,604	2,704,980	3,394,991	2,579,010	3,105,441	2,981,645	3,584,648

Weather

Residential	23,355	50,403	108,461	20,207	172,349	(60,159)	(121,953)	(11,155)	(57,551)	52,675	89,804	123,362
Commercial	4,662	11,095	28,212	3,547	41,370	(20,877)	32,367	(3,096)	7,488	37,014	31,811	26,347
Industrial	339	643	1,357	284	2,863	(1,295)	2,569	(310)	1,048	5,729	5,360	6,706
OPA	591	1,620	3,816	665	8,837	(3,782)	4,898	(1,244)	2,944	10,230	4,950	4,726
Total	28,948	63,761	141,846	24,703	225,419	(86,113)	(82,119)	(15,805)	(46,071)	105,648	131,926	161,141

Price

Residential	$ 81.59	$ 81.17	$ 80.93	$ 80.93	$ 83.40	$ 80.93	$ 82.32	$ 86.16	$ 88.39	$ 87.28	$ 87.28	$ 85.00
Commercial	$ 50.43	$ 49.55	$ 49.61	$ 49.61	$ 50.60	$ 49.61	$ 49.99	$ 52.11	$ 54.51	$ 53.77	$ 53.77	$ 54.40
Industrial	$ 36.56	$ 35.13	$ 33.75	$ 33.75	$ 36.51	$ 33.75	$ 36.27	$ 35.55	$ 37.14	$ 34.92	$ 34.92	$ 38.65
OPA	$ 45.47	$ 44.49	$ 45.09	$ 45.09	$ 47.12	$ 45.09	$ 45.76	$ 46.33	$ 48.94	$ 48.68	$ 48.68	$ 49.40

Weather Revenue

Residential	1,905,592	4,091,149	8,777,378	1,635,277	14,373,162	(4,868,486)	(10,038,657)	(961,175)	(5,087,125)	4,597,498	7,838,110	10,485,411	
Commercial	235,078	549,790	1,399,479	175,947	2,093,260	(1,035,644)	1,618,144	(161,340)	408,126	1,990,135	1,710,391	1,433,227	
Industrial	12,410	22,603	45,796	9,585	104,510	(43,705)	93,159	(11,012)	38,938	200,061	187,180	259,208	
OPA	26,890	72,088	172,051	29,996	416,369	(170,499)	224,144	(57,613)	144,107	498,009	240,987	233,485	
Total	2,179,970	4,735,631	10,394,704	1,850,805	16,987,301	(6,118,334)	(8,103,210)	(1,191,140)	(4,495,954)	7,285,702	9,976,668	12,411,330	45,913,473

Year	2022
Month	5

Geocode	WF_RES_C	WF_COM_C	WF_IND_C	WF_OPA_C
DEF	0.9389350	0.97559288	0.98188592	0.98287205

June 2021 - May 2022 Weather Normalization Adjustment

		WF_RES_C	WF_COM_C	WF_IND_C	WF_OPA_C
6/1/2021	11	0.9883941	0.99577043	0.99889530	0.99788284
7/1/2021	10	0.9779844	0.99024172	0.99784842	0.99384441
8/1/2021	9	0.9498338	0.97631757	0.99515441	0.98744607
9/1/2021	8	0.9898817	0.99652650	0.99901610	0.99776801
10/1/2021	7	0.9060446	0.96070876	0.98976047	0.96879940
11/1/2021	6	1.0435385	1.02460533	1.00684183	1.01582455
12/1/2021	5	1.0962723	0.96182644	0.99137517	0.97672012
1/1/2022	4	1.0057358	1.00334092	1.00117490	1.00509599
2/1/2022	3	1.0443970	0.99038743	0.99568020	0.98630659
3/1/2022	2	0.9662300	0.96523780	0.97870296	0.96777791
4/1/2022	1	0.9430777	0.96743617	0.98227321	0.98071168
5/1/2022	0	0.9389350	0.97559288	0.98188592	0.98287205

SUMMARY:

	SALES_C_RES from ITRON MODEL	WNSALES_C_RES from ITRON MODEL	RESIDENTIAL WEATHER NORMALIZATION ADJUSTMENT	SALES_C_COM from ITRON MODEL	WNSALES_C_COM from ITRON MODEL	COMMERCIAL WEATHER NORMALIZATION ADJUSTMENT	SALES_C_IND from ITRON MODEL	WNSALES_C_IND from ITRON MODEL	INDUSTRIAL WEATHER NORMALIZATION ADJUSTMENT	SALES_C_OPA from ITRON MODEL	WNSALES_C_OPA from ITRON MODEL
6/1/2021	2,018,144	1,994,722	0.988394115	1,127,866	1,123,096	0.99577043	268,832	268,535	0.998895296	289,874	289,260
7/1/2021	2,202,990	2,154,490	0.977984371	1,136,767	1,125,674	0.990241721	275,987	275,394	0.997848416	265,794	264,158
8/1/2021	2,251,786	2,138,823	0.949833826	1,261,945	1,232,059	0.976317566	278,133	276,785	0.995154406	294,357	290,662
9/1/2021	1,939,101	1,919,481	0.989881745	1,079,987	1,076,236	0.996526496	267,130	266,867	0.999016096	289,239	288,594
10/1/2021	1,721,905	1,560,123	0.906044634	1,072,248	1,030,118	0.96070876	268,466	265,717	0.989760474	273,224	264,699
11/1/2021	1,268,284	1,323,504	1.043538489	885,168	906,947	1.024605331	246,215	247,900	1.006841825	261,482	265,620
12/1/2021	1,303,668	1,429,175	1.09627234	957,737	921,176	0.961826437	250,382	248,222	0.991375167	247,545	241,783
1/1/2022	1,539,875	1,548,708	1.005735803	841,652	844,464	1.003340919	219,661	219,919	1.0011749	200,942	201,966
2/1/2022	1,269,859	1,326,237	1.044397014	798,214	790,541	0.99038743	203,931	203,050	0.995680203	206,118	203,296
3/1/2022	1,419,766	1,371,820	0.966229996	959,167	925,824	0.965237796	233,817	228,837	0.978702959	254,229	246,038
4/1/2022	1,481,752	1,397,407	0.94307769	972,322	940,659	0.967436174	226,450	222,436	0.982273215	242,759	238,076
5/1/2022	1,906,174	1,789,774	0.938935035	1,041,576	1,016,154	0.975592875	236,556	232,271	0.981885922	269,918	265,295

ITRON MODEL NUMBERS ARE DISPLAYED ON TAB mDEF

OPA WEATHER NORMALIZATION ADJUSTMENT
0.997882837
0.993844407
0.987446074
0.997768007
0.968799402
1.015824551
0.976720117
1.005095993
0.986306595
0.967777908
0.980711678
0.982872049

FROM ITRON METRIX ND DAILY MODEL

Dt	RES	COM	IND	OPA	RES_WN	COM_WN	IND_WN	OPA_WN	CDD_D_65	HDD_D_65	CDD_D_65	HDD_D_65	terReadSch	dtmDateTime	tCalendarY	tCalendarM	ntCycleYR	ntCycleMO
6/1/2021	64,446	38,061	9,554	10,247	53,448	35,797	9,413	9,821	15.06	-	11.36	-	CSS	01-Jun-21	2021	6	2021	7
6/2/2021	61,539	37,734	9,453	10,132	55,562	36,526	9,378	9,905	14.06	-	12.09	-	CSS	02-Jun-21	2021	6	2021	7
6/3/2021	62,518	37,961	9,616	10,153	58,118	37,192	9,568	10,008	14.24	-	12.99	-	CSS	03-Jun-21	2021	6	2021	7
6/4/2021	59,595	37,359	9,374	9,743	60,099	37,460	9,380	9,762	13.58	-	13.75	-	CSS	04-Jun-21	2021	6	2021	7
6/5/2021	67,846	35,423	7,894	8,190	63,603	34,569	7,841	8,058	15.60	-	14.20	-	CSS	05-Jun-21	2021	6	2021	7
6/6/2021	76,021	35,566	7,259	8,146	62,543	32,853	7,090	7,756	17.75	-	13.32	-	CSS	06-Jun-21	2021	6	2021	7
6/7/2021	72,063	39,099	9,192	10,430	58,480	36,250	9,015	9,894	17.28	-	12.62	-	CSS	07-Jun-21	2021	6	2021	7
6/8/2021	72,437	39,669	9,654	10,550	59,808	37,128	9,496	10,072	17.69	-	13.53	-	CSS	08-Jun-21	2021	6	2021	7
6/9/2021	70,814	39,601	9,569	10,484	61,132	37,652	9,448	10,117	17.11	-	13.93	-	CSS	09-Jun-21	2021	6	2021	7
6/10/2021	74,255	40,324	9,763	10,598	63,104	38,079	9,624	10,176	18.10	-	14.44	-	CSS	10-Jun-21	2021	6	2021	7
6/11/2021	75,075	40,474	9,568	10,330	63,630	38,171	9,424	9,896	18.67	-	14.91	-	CSS	11-Jun-21	2021	6	2021	7
6/12/2021	74,017	36,665	7,972	8,382	66,366	35,125	7,876	8,144	17.63	-	15.11	-	CSS	12-Jun-21	2021	6	2021	7
6/13/2021	71,609	34,678	7,204	8,018	72,586	34,875	7,216	8,046	16.30	-	16.62	-	CSS	13-Jun-21	2021	6	2021	7
6/14/2021	65,339	37,746	9,108	10,175	70,459	38,777	9,172	10,369	15.07	-	16.75	-	CSS	14-Jun-21	2021	6	2021	7
6/15/2021	65,355	38,244	9,566	10,282	70,497	39,279	9,630	10,477	15.36	-	17.05	-	CSS	15-Jun-21	2021	6	2021	7
6/16/2021	59,094	37,242	9,422	10,040	73,841	40,210	9,607	10,598	13.26	-	18.10	-	CSS	16-Jun-21	2021	6	2021	7
6/17/2021	62,057	37,869	9,611	10,136	71,918	39,944	9,740	10,527	14.09	-	17.48	-	CSS	17-Jun-21	2021	6	2021	7
6/18/2021	66,129	38,674	9,456	9,991	65,825	38,546	9,448	9,967	15.73	-	15.52	-	CSS	18-Jun-21	2021	6	2021	7
6/19/2021	76,400	37,145	8,002	8,456	68,771	35,609	7,906	8,219	18.41	-	15.90	-	CSS	19-Jun-21	2021	6	2021	7
6/20/2021	78,669	36,099	7,292	8,223	76,253	35,613	7,262	8,153	18.62	-	17.83	-	CSS	20-Jun-21	2021	6	2021	7
6/21/2021	70,799	38,845	9,177	10,382	75,533	39,798	9,236	10,562	16.86	-	18.42	-	CSS	21-Jun-21	2021	6	2021	7
6/22/2021	63,612	37,893	9,544	10,216	75,960	40,378	9,699	10,684	14.79	-	18.84	-	CSS	22-Jun-21	2021	6	2021	7
6/23/2021	61,967	37,820	9,458	10,148	71,539	39,656	9,573	10,494	14.20	-	17.20	-	CSS	23-Jun-21	2021	6	2021	7
6/24/2021	61,424	37,741	9,603	10,112	68,741	39,090	9,687	10,366	13.88	-	16.09	-	CSS	24-Jun-21	2021	6	2021	7
6/25/2021	57,137	36,864	9,343	9,650	69,733	39,399	9,501	10,127	12.78	-	16.92	-	CSS	25-Jun-21	2021	6	2021	7
6/26/2021	64,488	34,747	7,852	8,085	67,921	35,505	7,900	8,202	14.49	-	15.73	-	CSS	26-Jun-21	2021	6	2021	7
6/27/2021	73,688	35,096	7,230	8,078	68,703	34,093	7,167	7,934	16.98	-	15.34	-	CSS	27-Jun-21	2021	6	2021	7
6/28/2021	70,187	38,722	9,169	10,359	68,715	38,488	9,154	10,315	16.66	-	16.28	-	CSS	28-Jun-21	2021	6	2021	7
6/29/2021	61,529	37,474	9,518	10,137	68,440	38,927	9,608	10,410	14.10	-	16.47	-	CSS	29-Jun-21	2021	6	2021	7
6/30/2021	58,034	37,029	9,409	9,999	63,393	38,107	9,476	10,202	12.91	-	14.67	-	CSS	30-Jun-21	2021	6	2021	7
7/1/2021	61,102	36,018	9,607	9,022	56,966	35,072	9,556	8,869	13.99	-	12.66	-	CSS	01-Jul-21	2021	7	2021	7
7/2/2021	61,887	35,466	9,161	8,486	60,020	35,039	9,139	8,417	14.54	-	13.94	-	CSS	02-Jul-21	2021	7	2021	7
7/3/2021	59,036	30,912	7,461	6,483	70,901	33,626	7,607	6,844	12.94	-	16.75	-	CSS	03-Jul-21	2021	7	2021	7
7/4/2021	68,778	31,098	6,677	6,320	67,070	30,707	6,656	6,272	15.55	-	15.00	-	CSS	04-Jul-21	2021	7	2021	7
7/5/2021	67,493	32,729	7,814	7,763	68,460	32,951	7,826	7,799	15.95	-	16.26	-	CSS	05-Jul-21	2021	7	2021	7
7/6/2021	62,161	35,987	9,533	9,081	70,930	37,993	9,641	9,406	14.51	-	17.33	-	CSS	06-Jul-21	2021	7	2021	7
7/7/2021	66,562	37,249	9,522	9,240	62,992	36,432	9,479	9,107	15.88	-	14.74	-	CSS	07-Jul-21	2021	7	2021	7
7/8/2021	66,676	37,293	9,675	9,228	70,335	38,130	9,720	9,364	15.78	-	16.96	-	CSS	08-Jul-21	2021	7	2021	7
7/9/2021	69,680	37,991	9,506	9,039	70,923	38,275	9,521	9,085	17.04	-	17.44	-	CSS	09-Jul-21	2021	7	2021	7
7/10/2021	70,719	34,574	7,936	7,191	75,821	35,741	7,999	7,346	16.70	-	18.33	-	CSS	10-Jul-21	2021	7	2021	7
7/11/2021	70,495	32,976	7,196	6,898	69,743	32,804	7,187	6,877	16.10	-	15.86	-	CSS	11-Jul-21	2021	7	2021	7
7/12/2021	62,940	35,647	9,086	9,005	62,106	35,456	9,076	8,974	14.48	-	14.22	-	CSS	12-Jul-21	2021	7	2021	7
7/13/2021	68,417	37,418	9,610	9,313	58,763	35,210	9,492	8,956	16.52	-	13.42	-	CSS	13-Jul-21	2021	7	2021	7
7/14/2021	65,261	36,951	9,507	9,191	68,744	37,748	9,549	9,320	15.46	-	16.58	-	CSS	14-Jul-21	2021	7	2021	7
7/15/2021	73,515	38,857	9,759	9,481	62,593	36,360	9,625	9,077	17.98	-	14.47	-	CSS	15-Jul-21	2021	7	2021	7

7/16/2021	75,202	39,254	9,573	9,244	64,618	36,833	9,444	8,852	18.82	-	15.42	-	CSS	16-Jul-21	2021	7	2021	7
7/17/2021	77,533	36,133	8,020	7,398	75,324	35,628	7,993	7,331	18.88	-	18.17	-	CSS	17-Jul-21	2021	7	2021	7
7/18/2021	76,250	34,292	7,267	7,061	73,997	33,777	7,239	6,997	17.95	-	17.22	-	CSS	18-Jul-21	2021	7	2021	7
7/19/2021	72,097	37,742	9,198	9,344	71,111	37,516	9,186	9,308	17.43	-	17.11	-	CSS	19-Jul-21	2021	7	2021	7
7/20/2021	72,168	38,276	9,656	9,452	73,020	38,471	9,666	9,484	17.73	-	18.00	-	CSS	20-Jul-21	2021	7	2021	7
7/21/2021	74,654	39,099	9,622	9,539	72,715	38,656	9,598	9,467	18.48	-	17.86	-	CSS	21-Jul-21	2021	7	2021	7
7/22/2021	80,288	40,407	9,842	9,732	64,853	36,876	9,653	9,161	20.16	-	15.20	-	CSS	22-Jul-21	2021	7	2021	7
7/23/2021	75,711	39,370	9,580	9,263	65,352	37,001	9,453	8,879	18.98	-	15.65	-	CSS	23-Jul-21	2021	7	2021	7
7/24/2021	78,570	36,370	8,032	7,430	68,611	34,092	7,910	7,127	19.22	-	16.02	-	CSS	24-Jul-21	2021	7	0	0
7/25/2021	81,829	35,568	7,335	7,218	75,403	34,098	7,256	7,037	19.74	-	17.68	-	CSS	25-Jul-21	2021	7	0	0
7/26/2021	79,259	39,380	9,286	9,610	75,531	38,527	9,240	9,471	19.73	-	18.53	-	CSS	26-Jul-21	2021	7	0	0
7/27/2021	71,390	38,098	9,646	9,423	77,250	39,439	9,718	9,640	17.48	-	19.36	-	CSS	27-Jul-21	2021	7	0	0
7/28/2021	67,641	37,495	9,536	9,279	78,882	40,067	9,673	9,696	16.23	-	19.84	-	CSS	28-Jul-21	2021	7	2021	9
7/29/2021	66,738	37,307	9,676	9,230	76,731	39,593	9,798	9,601	15.80	-	19.01	-	CSS	29-Jul-21	2021	7	2021	9
7/30/2021	74,828	39,169	9,569	9,230	74,902	39,186	9,570	9,233	18.70	-	18.72	-	CSS	30-Jul-21	2021	7	2021	9
7/31/2021	84,111	37,637	8,100	7,598	69,821	34,369	7,925	7,163	21.00	-	16.41	-	CSS	31-Jul-21	2021	7	2021	9
8/1/2021	81,825	39,340	7,342	7,994	59,639	33,462	7,077	7,381	19.94	-	12.98	-	CSS	01-Aug-21	2021	8	2021	9
8/2/2021	74,556	41,907	9,237	10,221	60,707	38,244	9,072	9,721	18.46	-	14.12	-	CSS	02-Aug-21	2021	8	2021	9
8/3/2021	62,282	39,210	9,548	9,883	61,043	38,882	9,533	9,838	14.89	-	14.50	-	CSS	03-Aug-21	2021	8	2021	9
8/4/2021	59,876	38,824	9,454	9,791	68,992	41,235	9,563	10,120	14.09	-	16.94	-	CSS	04-Aug-21	2021	8	2021	9
8/5/2021	62,954	39,641	9,642	9,887	72,754	42,233	9,759	10,240	14.92	-	17.99	-	CSS	05-Aug-21	2021	8	2021	9
8/6/2021	72,762	42,279	9,553	9,940	76,718	43,325	9,600	10,082	18.28	-	19.52	-	CSS	06-Aug-21	2021	8	2021	9
8/7/2021	72,132	38,382	7,964	8,017	74,429	38,989	7,991	8,085	17.42	-	18.14	-	CSS	07-Aug-21	2021	8	2021	9
8/8/2021	77,041	38,074	7,285	7,862	73,733	37,199	7,246	7,771	18.44	-	17.41	-	CSS	08-Aug-21	2021	8	2021	9
8/9/2021	74,595	41,918	9,238	10,222	65,406	39,487	9,128	9,891	18.47	-	15.59	-	CSS	09-Aug-21	2021	8	2021	9
8/10/2021	71,846	41,740	9,662	10,228	69,372	41,085	9,632	10,138	17.88	-	17.10	-	CSS	10-Aug-21	2021	8	2021	9
8/11/2021	72,527	42,169	9,605	10,247	74,406	42,666	9,627	10,315	18.05	-	18.64	-	CSS	11-Aug-21	2021	8	2021	9
8/12/2021	72,977	42,292	9,762	10,248	70,436	41,620	9,731	10,157	18.06	-	17.26	-	CSS	12-Aug-21	2021	8	2021	9
8/13/2021	68,488	41,148	9,502	9,785	73,250	42,408	9,559	9,957	16.94	-	18.43	-	CSS	13-Aug-21	2021	8	2021	9
8/14/2021	66,434	36,875	7,896	7,848	69,471	37,678	7,932	7,938	15.63	-	16.58	-	CSS	14-Aug-21	2021	8	2021	9
8/15/2021	68,201	35,736	7,180	7,618	71,854	36,702	7,224	7,719	15.68	-	16.82	-	CSS	15-Aug-21	2021	8	2021	9
8/16/2021	70,636	40,870	9,191	10,080	72,527	41,370	9,213	10,148	17.23	-	17.82	-	CSS	16-Aug-21	2021	8	2021	9
8/17/2021	77,213	43,159	9,726	10,421	75,039	42,584	9,700	10,343	19.56	-	18.88	-	CSS	17-Aug-21	2021	8	2021	9
8/18/2021	77,962	43,607	9,670	10,443	73,256	42,362	9,614	10,274	19.75	-	18.28	-	CSS	18-Aug-21	2021	8	2021	9
8/19/2021	79,479	44,011	9,839	10,483	76,502	43,224	9,804	10,376	20.09	-	19.16	-	CSS	19-Aug-21	2021	8	2021	9
8/20/2021	76,773	43,339	9,601	10,084	70,728	41,741	9,529	9,866	19.53	-	17.64	-	CSS	20-Aug-21	2021	8	2021	9
8/21/2021	78,980	40,193	8,045	8,220	72,481	38,474	7,968	8,027	19.56	-	17.53	-	CSS	21-Aug-21	2021	8	2021	9
8/22/2021	80,234	38,919	7,324	7,950	70,519	36,349	7,208	7,682	19.44	-	16.40	-	CSS	22-Aug-21	2021	8	2021	9
8/23/2021	73,832	41,716	9,229	10,195	66,940	39,893	9,147	9,946	18.23	-	16.07	-	CSS	23-Aug-21	2021	8	2021	9
8/24/2021	69,581	41,140	9,635	10,146	62,809	39,350	9,554	9,902	17.17	-	15.05	-	CSS	24-Aug-21	2021	8	2021	9
8/25/2021	72,428	42,143	9,604	10,244	65,085	40,201	9,516	9,979	18.02	-	15.72	-	CSS	25-Aug-21	2021	8	2021	9
8/26/2021	66,989	40,708	9,690	10,032	66,101	40,473	9,680	10,000	16.18	-	15.91	-	CSS	26-Aug-21	2021	8	2021	9
8/27/2021	66,488	40,619	9,478	9,713	63,505	39,831	9,442	9,606	16.32	-	15.38	-	CSS	27-Aug-21	2021	8	2021	9
8/28/2021	74,375	38,975	7,990	8,084	69,866	37,782	7,937	7,950	18.12	-	16.71	-	CSS	28-Aug-21	2021	8	2021	9
8/29/2021	78,834	38,548	7,307	7,911	69,947	36,198	7,201	7,667	19.00	-	16.22	-	CSS	29-Aug-21	2021	8	2021	9
8/30/2021	75,362	42,120	9,247	10,250	62,896	38,823	9,098	9,800	18.71	-	14.81	-	CSS	30-Aug-21	2021	8	2021	9
8/31/2021	74,123	42,342	9,689	10,310	58,410	38,186	9,501	9,743	18.59	-	13.67	-	CSS	31-Aug-21	2021	8	2021	9

9/1/2021	59,339	36,510	9,449	10,209	72,334	38,775	9,608	10,689	13.95	-	18.12	-	CSS	01-Sep-21	2021	9	2021	9
9/2/2021	66,478	37,796	9,687	10,457	70,599	38,514	9,738	10,610	16.10	-	17.42	-	CSS	02-Sep-21	2021	9	2021	9
9/3/2021	67,016	37,850	9,488	10,177	70,688	38,490	9,533	10,313	16.57	-	17.75	-	CSS	03-Sep-21	2021	9	2021	9
9/4/2021	70,044	34,839	7,942	8,399	71,124	35,028	7,956	8,432	16.86	-	17.21	-	CSS	04-Sep-21	2021	9	2021	9
9/5/2021	72,404	32,940	6,991	7,757	70,929	32,683	6,973	7,716	17.09	-	16.62	-	CSS	05-Sep-21	2021	9	2021	9
9/6/2021	70,548	33,468	7,980	8,421	66,027	32,680	7,924	8,254	17.31	-	15.86	-	CSS	06-Sep-21	2021	9	2021	9
9/7/2021	67,405	37,654	9,612	10,512	63,279	36,935	9,562	10,360	16.58	-	15.26	-	CSS	07-Sep-21	2021	9	2021	9
9/8/2021	67,109	37,864	9,544	10,496	63,171	37,178	9,496	10,351	16.44	-	15.18	-	CSS	08-Sep-21	2021	9	2021	9
9/9/2021	63,985	37,361	9,657	10,365	65,156	37,565	9,671	10,409	15.30	-	15.68	-	CSS	09-Sep-21	2021	9	2021	9
9/10/2021	64,056	37,334	9,451	10,068	66,703	37,796	9,484	10,166	15.62	-	16.47	-	CSS	10-Sep-21	2021	9	2021	9
9/11/2021	64,248	33,829	7,872	8,223	68,185	34,547	7,922	8,348	15.00	-	16.32	-	CSS	11-Sep-21	2021	9	2021	9
9/12/2021	71,868	33,699	7,227	8,163	67,694	32,971	7,176	8,045	16.92	-	15.58	-	CSS	12-Sep-21	2021	9	2021	9
9/13/2021	70,119	37,656	9,188	10,507	66,603	37,087	9,149	10,387	17.17	-	16.12	-	CSS	13-Sep-21	2021	9	2021	9
9/14/2021	62,417	36,784	9,551	10,328	65,826	37,335	9,590	10,445	14.98	-	15.99	-	CSS	14-Sep-21	2021	9	2021	9
9/15/2021	65,039	37,503	9,518	10,420	68,922	38,180	9,566	10,563	15.78	-	17.02	-	CSS	15-Sep-21	2021	9	2021	9
9/16/2021	62,669	37,131	9,641	10,317	68,667	38,177	9,714	10,538	14.88	-	16.80	-	CSS	16-Sep-21	2021	9	2021	9
9/17/2021	59,682	36,571	9,398	9,906	66,122	37,663	9,475	10,137	14.22	-	16.23	-	CSS	17-Sep-21	2021	9	2021	9
9/18/2021	63,827	33,755	7,867	8,210	65,479	34,043	7,887	8,260	14.87	-	15.40	-	CSS	18-Sep-21	2021	9	2021	9
9/19/2021	65,604	32,606	7,151	7,986	64,611	32,433	7,139	7,958	14.91	-	14.59	-	CSS	19-Sep-21	2021	9	2021	9
9/20/2021	61,337	36,125	9,081	10,183	60,658	36,004	9,073	10,157	14.36	-	14.13	-	CSS	20-Sep-21	2021	9	2021	9
9/21/2021	61,442	36,614	9,539	10,292	62,521	36,802	9,553	10,332	14.67	-	15.01	-	CSS	21-Sep-21	2021	9	2021	9
9/22/2021	64,154	37,349	9,508	10,387	61,902	36,956	9,480	10,304	15.49	-	14.77	-	CSS	22-Sep-21	2021	9	2021	9
9/23/2021	61,095	36,857	9,621	10,259	61,119	36,861	9,622	10,259	14.38	-	14.39	-	CSS	23-Sep-21	2021	9	0	0
9/24/2021	61,849	36,949	9,425	9,986	58,606	36,371	9,384	9,864	14.91	-	13.85	-	CSS	24-Sep-21	2021	9	0	0
9/25/2021	67,183	34,340	7,908	8,312	58,506	32,812	7,800	8,046	15.94	-	13.13	-	CSS	25-Sep-21	2021	9	2021	11
9/26/2021	66,287	32,726	7,159	8,005	57,410	31,149	7,049	7,750	15.13	-	12.23	-	CSS	26-Sep-21	2021	9	2021	11
9/27/2021	61,209	36,102	9,080	10,178	58,689	35,650	9,048	10,082	14.32	-	13.48	-	CSS	27-Sep-21	2021	9	2021	11
9/28/2021	59,065	36,200	9,510	10,204	55,482	35,548	9,465	10,066	13.90	-	12.71	-	CSS	28-Sep-21	2021	9	2021	11
9/29/2021	58,547	36,371	9,439	10,180	52,318	35,227	9,359	9,937	13.70	-	11.59	-	CSS	29-Sep-21	2021	9	2021	11
9/30/2021	63,079	37,203	9,646	10,332	50,149	34,776	9,476	9,818	15.01	-	10.55	-	CSS	30-Sep-21	2021	9	2021	11
10/1/2021	60,627	37,358	9,362	9,553	58,801	36,758	9,326	9,429	15.26	-	14.19	-	CSS	01-Oct-21	2021	10	2021	11
10/2/2021	65,270	34,714	7,838	7,863	62,296	33,801	7,783	7,708	16.20	-	14.57	-	CSS	02-Oct-21	2021	10	2021	11
10/3/2021	62,362	32,595	7,063	7,477	63,144	33,167	7,098	7,567	14.51	-	15.53	-	CSS	03-Oct-21	2021	10	2021	11
10/4/2021	59,919	36,434	9,016	9,731	60,412	36,642	9,028	9,774	14.54	-	14.91	-	CSS	04-Oct-21	2021	10	2021	11
10/5/2021	58,990	36,741	9,461	9,801	56,258	35,923	9,418	9,655	14.52	-	13.25	-	CSS	05-Oct-21	2021	10	2021	11
10/6/2021	63,891	38,019	9,458	10,005	55,674	36,236	9,344	9,616	16.29	-	12.92	-	CSS	06-Oct-21	2021	10	2021	11
10/7/2021	66,705	38,632	9,645	10,108	55,774	36,631	9,519	9,679	17.18	-	13.46	-	CSS	07-Oct-21	2021	10	2021	11
10/8/2021	60,316	37,294	9,358	9,539	55,438	36,410	9,310	9,374	15.15	-	13.72	-	CSS	08-Oct-21	2021	10	2021	11
10/9/2021	60,682	33,759	7,780	7,701	56,733	32,758	7,719	7,532	14.49	-	12.71	-	CSS	09-Oct-21	2021	10	2021	11
10/10/2021	60,105	32,125	7,035	7,403	56,864	31,407	6,991	7,290	13.67	-	12.39	-	CSS	10-Oct-21	2021	10	2021	11
10/11/2021	54,578	35,322	8,948	9,502	53,904	35,134	8,937	9,463	12.56	-	12.22	-	CSS	11-Oct-21	2021	10	2021	11
10/12/2021	61,598	37,284	9,494	9,913	51,394	35,088	9,355	9,441	15.49	-	11.39	-	CSS	12-Oct-21	2021	10	2021	11
10/13/2021	61,223	37,463	9,425	9,891	52,578	35,600	9,312	9,507	15.30	-	11.97	-	CSS	13-Oct-21	2021	10	2021	11
10/14/2021	62,315	37,718	9,589	9,920	51,971	35,463	9,458	9,476	15.55	-	11.70	-	CSS	14-Oct-21	2021	10	2021	11
10/15/2021	61,530	37,546	9,374	9,591	50,034	35,036	9,221	9,075	15.60	-	11.12	-	CSS	15-Oct-21	2021	10	2021	11
10/16/2021	61,564	33,943	7,791	7,732	50,793	31,379	7,654	7,350	14.82	-	10.78	-	CSS	16-Oct-21	2021	10	2021	11
10/17/2021	50,671	30,161	6,916	7,094	49,096	29,425	6,857	6,943	10.17	-	8.45	-	CSS	17-Oct-21	2021	10	2021	11

10/18/2021	44,116	32,253	8,762	8,870	47,458	33,272	8,843	9,145	7.08	-	9.46	-	CSS	18-Oct-21	2021	10	2021	11
10/19/2021	46,474	34,046	9,298	9,246	47,732	33,831	9,279	9,181	9.71	-	9.14	-	CSS	19-Oct-21	2021	10	2021	11
10/20/2021	48,059	34,723	9,258	9,327	49,296	34,868	9,262	9,339	10.41	-	10.51	-	CSS	20-Oct-21	2021	10	2021	11
10/21/2021	51,943	35,559	9,458	9,475	48,541	34,816	9,407	9,301	11.69	-	10.18	-	CSS	21-Oct-21	2021	10	2021	11
10/22/2021	53,668	35,910	9,274	9,255	47,705	34,430	9,178	8,928	12.68	-	9.84	-	CSS	22-Oct-21	2021	10	2021	11
10/23/2021	56,699	32,930	7,730	7,561	46,393	30,185	7,562	7,092	13.01	-	8.06	-	CSS	23-Oct-21	2021	10	2021	11
10/24/2021	57,693	31,623	7,004	7,324	45,145	28,159	6,794	6,712	12.78	-	5.83	-	CSS	24-Oct-21	2021	10	2021	11
10/25/2021	58,374	36,112	8,996	9,665	44,684	32,312	8,774	8,910	13.97	-	7.42	-	CSS	25-Oct-21	2021	10	2021	11
10/26/2021	54,358	35,777	9,403	9,603	42,956	32,457	9,166	8,885	12.80	-	6.57	0.01	CSS	26-Oct-21	2021	10	2021	11
10/27/2021	43,754	33,028	9,155	8,978	40,985	31,997	9,072	8,697	7.38	-	4.94	-	CSS	27-Oct-21	2021	10	2021	11
10/28/2021	50,325	35,222	9,438	9,406	40,543	31,857	9,203	8,620	11.09	-	4.27	3.01	CSS	28-Oct-21	2021	10	2021	11
10/29/2021	44,848	33,670	9,139	8,794	36,186	30,534	8,847	7,967	8.68	-	1.51	0.54	CSS	29-Oct-21	2021	10	2021	11
10/30/2021	38,932	27,754	7,359	6,529	40,517	28,094	7,384	6,641	2.12	-	3.30	0.10	CSS	30-Oct-21	2021	10	2021	11
10/31/2021	40,317	26,532	6,635	6,367	40,816	26,448	6,617	6,403	1.92	-	2.32	1.61	CSS	31-Oct-21	2021	10	2021	11
11/1/2021	36,623	30,138	8,551	9,113	52,365	34,548	8,892	10,270	0.85	-	10.89	-	CSS	01-Nov-21	2021	11	2021	11
11/2/2021	44,137	33,046	9,197	9,865	50,950	34,389	9,301	10,217	6.74	-	9.80	-	CSS	02-Nov-21	2021	11	2021	11
11/3/2021	47,068	33,739	9,165	9,972	47,335	33,575	9,153	9,929	7.67	-	7.30	-	CSS	03-Nov-21	2021	11	2021	11
11/4/2021	45,220	33,059	9,260	9,763	48,923	34,263	9,353	10,079	5.86	-	8.60	-	CSS	04-Nov-21	2021	11	2021	11
11/5/2021	37,461	30,838	8,887	8,899	49,023	34,281	9,153	9,802	1.26	-	9.10	-	CSS	05-Nov-21	2021	11	2021	11
11/6/2021	40,367	25,798	7,186	7,288	49,684	30,608	7,558	8,041	-	5.54	7.95	-	CSS	06-Nov-21	2021	11	2021	11
11/7/2021	45,255	24,624	6,468	7,159	49,430	28,920	6,801	7,756	-	4.52	6.78	0.04	CSS	07-Nov-21	2021	11	2021	11
11/8/2021	40,114	28,977	8,461	9,014	46,009	32,549	8,737	9,745	-	1.79	6.34	0.02	CSS	08-Nov-21	2021	11	2021	11
11/9/2021	37,822	30,676	9,014	9,243	44,695	32,522	9,157	9,773	1.35	-	5.95	0.36	CSS	09-Nov-21	2021	11	2021	11
11/10/2021	39,410	31,749	9,012	9,450	43,036	32,437	9,065	9,630	3.14	-	4.71	-	CSS	10-Nov-21	2021	11	2021	11
11/11/2021	46,178	33,731	9,312	9,940	43,267	32,680	9,231	9,664	7.39	-	5.00	-	CSS	11-Nov-21	2021	11	2021	11
11/12/2021	45,511	33,266	9,074	9,536	43,183	32,896	9,046	9,393	6.79	-	5.55	-	CSS	12-Nov-21	2021	11	2021	11
11/13/2021	41,541	28,214	7,372	7,525	43,706	28,994	7,433	7,695	2.50	-	4.29	-	CSS	13-Nov-21	2021	11	2021	11
11/14/2021	42,154	24,624	6,468	7,159	43,623	27,598	6,698	7,448	-	5.29	3.29	-	CSS	14-Nov-21	2021	11	2021	11
11/15/2021	41,797	28,445	8,420	9,014	39,475	30,874	8,607	9,280	-	3.41	2.30	-	CSS	15-Nov-21	2021	11	2021	11
11/16/2021	37,478	29,903	8,954	9,088	37,957	30,212	8,978	9,222	-	0.41	1.17	1.75	CSS	16-Nov-21	2021	11	2021	11
11/17/2021	40,600	32,136	9,041	9,551	39,039	29,932	8,871	9,126	4.02	-	0.33	3.32	CSS	17-Nov-21	2021	11	2021	11
11/18/2021	44,253	33,049	9,259	9,761	38,287	29,549	8,989	9,091	5.84	-	0.03	0.70	CSS	18-Nov-21	2021	11	2021	11
11/19/2021	45,468	33,378	9,083	9,565	37,755	30,842	8,887	8,930	7.04	-	1.53	1.32	CSS	19-Nov-21	2021	11	2021	11
11/20/2021	44,057	28,991	7,433	7,693	40,974	27,489	7,316	7,469	4.27	-	1.91	0.88	CSS	20-Nov-21	2021	11	2021	11
11/21/2021	48,563	28,954	6,803	7,763	44,807	27,336	6,678	7,495	6.86	-	3.81	0.58	CSS	21-Nov-21	2021	11	2021	11
11/22/2021	42,366	31,401	8,648	9,444	42,218	30,699	8,594	9,335	3.73	-	2.78	2.23	CSS	22-Nov-21	2021	11	2021	11
11/23/2021	39,727	28,766	8,866	9,088	44,545	30,858	9,028	9,375	-	6.27	2.49	6.10	CSS	23-Nov-21	2021	11	0	0
11/24/2021	43,055	29,051	8,803	9,088	40,441	29,559	8,842	9,114	-	5.26	0.23	0.11	CSS	24-Nov-21	2021	11	2022	1
11/25/2021	44,331	23,773	6,437	7,823	41,755	23,839	6,442	7,935	-	0.29	0.97	0.26	CSS	25-Nov-21	2021	11	2022	1
11/26/2021	34,783	27,741	6,560	7,406	37,494	27,357	6,530	7,463	0.25	-	0.74	2.70	CSS	26-Nov-21	2021	11	2022	1
11/27/2021	40,863	25,267	6,727	7,013	41,340	25,295	6,729	7,013	-	6.66	-	4.09	CSS	27-Nov-21	2021	11	2022	1
11/28/2021	46,753	24,624	6,468	7,159	48,609	24,870	6,487	7,170	-	5.46	0.12	10.95	CSS	28-Nov-21	2021	11	2022	1
11/29/2021	42,758	28,445	8,420	9,014	49,721	29,099	8,470	9,071	-	4.65	0.49	7.68	CSS	29-Nov-21	2021	11	2022	1
11/30/2021	42,571	28,766	8,866	9,088	43,860	28,874	8,874	9,088	-	6.59	-	4.85	CSS	30-Nov-21	2021	11	2022	1
12/1/2021	36,620	29,898	8,816	8,406	42,745	33,058	8,966	8,958	-	2.33	4.80	0.08	CSS	01-Dec-21	2021	12	2022	1
12/2/2021	38,142	30,342	8,988	8,406	41,926	32,975	9,113	9,011	-	1.56	5.25	0.15	CSS	02-Dec-21	2021	12	2022	1
12/3/2021	38,146	29,532	8,742	8,071	41,775	33,215	8,917	8,743	-	3.39	5.83	0.17	CSS	03-Dec-21	2021	12	2022	1

12/4/2021	40,211	26,936	7,213	6,606	40,718	29,438	7,331	6,804	-	1.64	2.09	0.14	CSS	04-Dec-21	2021	12	2022	1
12/5/2021	41,075	27,330	6,570	6,659	42,857	28,066	6,605	6,833	2.07	-	4.04	0.38	CSS	05-Dec-21	2021	12	2022	1
12/6/2021	39,422	31,757	8,550	8,737	42,025	31,269	8,525	8,744	3.51	-	3.56	1.70	CSS	06-Dec-21	2021	12	2022	1
12/7/2021	39,276	32,154	9,000	8,831	37,982	29,565	8,872	8,411	3.69	-	-	0.49	CSS	07-Dec-21	2021	12	2022	1
12/8/2021	42,039	33,629	8,993	9,155	36,623	31,430	8,889	8,534	6.50	-	1.11	0.66	CSS	08-Dec-21	2021	12	2022	1
12/9/2021	42,235	33,135	9,121	8,989	42,836	33,686	9,147	9,250	5.06	-	7.33	0.16	CSS	09-Dec-21	2021	12	2022	1
12/10/2021	41,905	33,467	8,928	8,800	43,278	33,858	8,947	8,817	6.32	-	6.47	0.31	CSS	10-Dec-21	2021	12	2022	1
12/11/2021	45,825	30,907	7,401	7,342	43,092	27,157	7,221	6,618	7.76	-	0.10	4.59	CSS	11-Dec-21	2021	12	2022	1
12/12/2021	46,691	29,119	6,655	7,033	47,217	26,366	6,522	6,564	6.31	-	0.97	5.82	CSS	12-Dec-21	2021	12	2022	1
12/13/2021	43,149	32,730	8,596	9,002	43,421	31,117	8,519	8,641	5.81	-	2.68	1.01	CSS	13-Dec-21	2021	12	2022	1
12/14/2021	41,859	32,942	9,037	9,046	41,193	31,972	8,990	8,920	5.55	-	4.45	0.83	CSS	14-Dec-21	2021	12	2022	1
12/15/2021	41,935	33,247	8,975	9,051	42,330	31,015	8,839	8,471	5.60	-	0.29	3.52	CSS	15-Dec-21	2021	12	2022	1
12/16/2021	44,866	34,520	9,186	9,367	41,486	29,919	8,966	8,416	8.34	-	0.07	4.20	CSS	16-Dec-21	2021	12	2022	1
12/17/2021	43,945	33,828	8,946	8,899	38,501	30,130	8,770	8,093	7.18	-	0.18	1.18	CSS	17-Dec-21	2021	12	2022	1
12/18/2021	46,767	31,192	7,415	7,406	39,285	26,393	7,187	6,613	8.44	-	0.07	2.36	CSS	18-Dec-21	2021	12	2022	1
12/19/2021	49,942	30,509	6,721	7,323	46,792	25,190	6,467	6,478	9.60	-	-	8.48	CSS	19-Dec-21	2021	12	2022	1
12/20/2021	41,975	31,596	8,542	8,693	57,985	29,033	8,309	8,451	3.13	-	-	10.05	CSS	20-Dec-21	2021	12	2022	1
12/21/2021	36,746	30,099	8,902	8,071	52,749	29,727	8,846	8,154	-	1.18	0.36	9.25	CSS	21-Dec-21	2021	12	2022	1
12/22/2021	41,666	29,617	8,803	7,727	50,165	30,621	8,847	8,067	-	7.43	2.91	6.74	CSS	22-Dec-21	2021	12	2022	1
12/23/2021	46,635	29,732	8,959	7,393	44,674	31,705	9,051	7,672	-	7.30	2.41	1.35	CSS	23-Dec-21	2021	12	2022	1
12/24/2021	47,067	27,348	6,561	6,195	44,861	28,746	6,621	6,361	-	2.50	1.38	1.95	CSS	24-Dec-21	2021	12	2022	1
12/25/2021	41,283	23,946	5,827	5,592	48,490	22,987	5,765	5,618	-	0.57	0.09	7.66	CSS	25-Dec-21	2021	12	2022	1
12/26/2021	39,323	26,413	6,034	6,061	59,263	24,715	5,897	6,030	1.03	-	-	14.11	CSS	26-Dec-21	2021	12	2022	1
12/27/2021	37,201	30,436	7,995	8,000	65,001	28,655	7,831	7,920	1.50	-	0.08	16.22	CSS	27-Dec-21	2021	12	2022	1
12/28/2021	38,216	31,392	8,314	8,126	60,301	29,240	8,186	7,964	3.37	-	1.73	12.50	CSS	28-Dec-21	2021	12	2022	1
12/29/2021	41,755	32,926	8,310	8,467	53,389	31,451	8,219	8,138	6.33	-	3.28	5.15	CSS	29-Dec-21	2021	12	2022	1
12/30/2021	43,721	32,906	8,125	8,175	50,112	28,863	7,930	7,465	6.78	-	0.59	11.16	CSS	30-Dec-21	2021	12	2022	1
12/31/2021	44,031	34,149	6,156	7,917	46,107	29,615	5,928	7,022	7.94	-	0.06	2.95	CSS	31-Dec-21	2021	12	2022	1
1/1/2022	40,979	25,056	5,088	5,317	37,014	23,088	5,031	4,763	7.59	-	1.41	-	CIM	01-Jan-22	2022	1	2022	1
1/2/2022	46,980	26,548	5,799	5,966	44,337	25,580	5,753	5,737	9.17	-	6.42	0.03	CIM	02-Jan-22	2022	1	2022	1
1/3/2022	38,841	26,951	7,424	7,037	53,207	29,771	7,445	7,738	-	3.05	5.05	3.56	CIM	03-Jan-22	2022	1	2022	1
1/4/2022	42,606	27,471	7,827	7,096	80,685	30,893	7,728	7,823	-	5.20	4.28	20.76	CIM	04-Jan-22	2022	1	2022	1
1/5/2022	38,370	27,938	7,816	7,103	80,101	30,849	7,649	7,421	0.06	-	1.16	15.84	CIM	05-Jan-22	2022	1	2022	1
1/6/2022	36,464	27,677	7,918	7,096	48,664	28,955	7,902	7,155	-	1.14	0.49	2.01	CIM	06-Jan-22	2022	1	2022	1
1/7/2022	36,404	28,092	7,754	6,937	53,312	28,563	7,661	6,970	1.40	-	1.07	10.77	CIM	07-Jan-22	2022	1	2022	1
1/8/2022	36,987	24,688	6,298	5,373	64,661	26,068	6,156	5,440	0.65	-	0.19	12.50	CIM	08-Jan-22	2022	1	2022	1
1/9/2022	43,400	25,258	5,739	5,661	60,959	24,797	5,528	5,285	5.51	-	-	8.23	CIM	09-Jan-22	2022	1	2022	1
1/10/2022	38,282	27,990	7,525	7,366	46,000	27,870	7,461	7,126	2.95	-	0.63	2.98	CIM	10-Jan-22	2022	1	2022	1
1/11/2022	39,909	27,264	7,828	7,096	41,362	28,494	7,914	7,420	-	4.60	2.89	1.58	CIM	11-Jan-22	2022	1	2022	1
1/12/2022	41,533	27,875	7,766	7,096	37,528	28,226	7,832	7,272	-	3.21	1.58	0.06	CIM	12-Jan-22	2022	1	2022	1
1/13/2022	40,713	27,895	7,888	7,096	40,267	28,933	7,980	7,483	-	3.02	3.41	1.14	CIM	13-Jan-22	2022	1	2022	1
1/14/2022	42,725	27,725	7,681	6,780	41,811	27,598	7,682	6,780	-	5.72	-	6.01	CIM	14-Jan-22	2022	1	2022	1
1/15/2022	46,576	24,847	6,238	5,315	51,276	24,867	6,238	5,315	-	5.71	-	9.71	CIM	15-Jan-22	2022	1	2022	1
1/16/2022	44,371	23,701	5,609	4,879	49,952	23,973	5,597	4,879	-	2.29	-	4.90	CIM	16-Jan-22	2022	1	2022	1
1/17/2022	45,596	27,107	7,426	5,429	47,893	27,341	7,420	5,437	-	7.69	-	7.77	CIM	17-Jan-22	2022	1	2022	1
1/18/2022	61,541	28,484	7,753	7,189	57,780	28,131	7,792	7,142	-	14.00	-	13.32	CIM	18-Jan-22	2022	1	2022	1
1/19/2022	52,177	28,514	7,767	7,096	50,294	28,661	7,746	7,122	-	7.14	-	4.41	CIM	19-Jan-22	2022	1	2022	1

1/20/2022	42,394	28,162	7,903	7,096	54,551	27,988	7,888	7,098	-	2.21	-	14.49	CIM	20-Jan-22	2022	1	2022	1
1/21/2022	38,085	27,670	7,697	6,780	55,963	28,745	7,661	6,812	-	2.08	-	8.91	CIM	21-Jan-22	2022	1	2022	1
1/22/2022	53,563	24,904	6,206	5,355	48,684	26,052	6,281	5,547	-	11.74	2.35	2.47	CIM	22-Jan-22	2022	1	2022	1
1/23/2022	80,138	25,652	5,430	5,406	42,087	24,157	5,675	5,361	-	18.83	1.92	0.51	CIM	23-Jan-22	2022	1	2022	1
1/24/2022	74,596	29,262	7,315	7,175	47,091	27,462	7,396	7,111	-	15.91	0.15	6.73	CIM	24-Jan-22	2022	1	2022	1
1/25/2022	65,163	28,922	7,767	7,173	60,511	27,792	7,823	7,106	-	13.30	-	18.38	CIM	25-Jan-22	2022	1	2022	1
1/26/2022	52,680	28,467	7,768	7,096	53,150	28,812	7,768	7,096	-	7.99	-	5.43	CIM	26-Jan-22	2022	1	2022	1
1/27/2022	44,870	28,219	7,891	7,096	38,999	28,046	7,891	7,096	-	3.90	-	0.20	CIM	27-Jan-22	2022	1	2022	1
1/28/2022	44,411	27,785	7,683	6,780	35,369	27,543	7,694	6,783	-	6.69	0.03	0.83	CIM	28-Jan-22	2022	1	0	0
1/29/2022	73,871	26,370	6,081	5,509	37,243	24,599	6,267	5,336	-	18.34	0.24	0.10	CIM	29-Jan-22	2022	1	2022	3
1/30/2022	87,262	26,285	5,411	5,430	39,267	23,640	5,632	5,276	-	19.88	0.91	0.27	CIM	30-Jan-22	2022	1	2022	3
1/31/2022	68,388	28,873	7,366	7,114	48,688	26,969	7,429	7,037	-	13.27	-	11.62	CIM	31-Jan-22	2022	1	2022	3
2/1/2022	44,127	27,866	7,832	7,634	49,795	28,490	7,832	7,634	-	7.19	-	5.86	CIM	01-Feb-22	2022	2	2022	3
2/2/2022	42,332	29,321	7,830	7,704	40,495	28,332	7,784	7,655	0.63	-	0.19	0.90	CIM	02-Feb-22	2022	2	2022	3
2/3/2022	41,960	30,742	8,036	8,251	40,410	28,201	7,901	7,638	5.54	-	0.03	3.22	CIM	03-Feb-22	2022	2	2022	3
2/4/2022	41,531	30,800	7,838	8,002	43,632	28,263	7,685	7,341	6.14	-	0.17	5.25	CIM	04-Feb-22	2022	2	2022	3
2/5/2022	43,001	24,885	6,241	5,853	63,034	26,041	6,129	6,036	-	5.08	0.34	11.78	CIM	05-Feb-22	2022	2	2022	3
2/6/2022	51,526	24,293	5,600	5,738	60,062	25,297	5,593	5,817	-	7.85	0.50	8.94	CIM	06-Feb-22	2022	2	2022	3
2/7/2022	52,068	28,194	7,430	7,575	51,106	28,201	7,430	7,582	-	8.91	0.04	7.46	CIM	07-Feb-22	2022	2	2022	3
2/8/2022	58,671	28,844	7,792	7,684	61,645	29,091	7,814	7,657	-	12.13	-	16.10	CIM	08-Feb-22	2022	2	2022	3
2/9/2022	56,796	29,207	7,762	7,645	55,904	29,263	7,768	7,637	-	10.45	-	8.13	CIM	09-Feb-22	2022	2	2022	3
2/10/2022	53,461	29,081	7,893	7,634	42,412	28,353	7,894	7,634	-	8.87	-	1.50	CIM	10-Feb-22	2022	2	2022	3
2/11/2022	44,517	28,375	7,685	7,318	40,796	28,682	7,722	7,413	-	3.50	0.83	2.75	CIM	11-Feb-22	2022	2	2022	3
2/12/2022	41,495	25,997	6,304	5,913	49,549	26,202	6,283	5,992	0.67	-	1.46	6.74	CIM	12-Feb-22	2022	2	2022	3
2/13/2022	41,430	23,833	5,617	5,738	64,169	25,298	5,569	5,836	-	2.02	0.42	13.70	CIM	13-Feb-22	2022	2	2022	3
2/14/2022	54,280	28,072	7,395	7,618	58,429	28,820	7,426	7,604	-	11.85	0.13	10.15	CIM	14-Feb-22	2022	2	2022	3
2/15/2022	50,294	28,527	7,833	7,634	43,076	28,554	7,862	7,662	-	6.12	0.25	0.40	CIM	15-Feb-22	2022	2	2022	3
2/16/2022	43,022	29,872	7,861	7,896	38,429	28,383	7,799	7,710	2.35	-	0.62	1.11	CIM	16-Feb-22	2022	2	2022	3
2/17/2022	43,170	31,289	8,063	8,421	49,108	29,275	7,867	7,840	7.06	-	0.97	4.55	CIM	17-Feb-22	2022	2	2022	3
2/18/2022	43,057	31,491	7,872	8,216	42,659	29,274	7,744	7,456	8.06	-	1.19	1.78	CIM	18-Feb-22	2022	2	2022	3
2/19/2022	39,215	25,754	6,304	5,907	42,833	26,518	6,327	6,186	0.61	-	3.66	0.70	CIM	19-Feb-22	2022	2	2022	3
2/20/2022	41,191	23,961	5,626	5,738	43,985	25,698	5,710	5,920	-	1.56	2.17	0.32	CIM	20-Feb-22	2022	2	2022	3
2/21/2022	41,594	29,401	7,542	7,971	42,022	29,762	7,561	8,115	3.55	-	4.85	0.22	CIM	21-Feb-22	2022	2	2022	3
2/22/2022	42,053	30,582	7,990	8,330	43,056	30,985	8,008	8,325	6.24	-	6.20	-	CIM	22-Feb-22	2022	2	2022	3
2/23/2022	42,813	31,157	7,941	8,415	42,176	30,863	7,927	8,451	7.01	-	7.33	0.01	CIM	23-Feb-22	2022	2	2022	3
2/24/2022	42,778	31,112	8,055	8,366	42,159	30,749	8,038	8,251	6.57	-	5.54	0.16	CIM	24-Feb-22	2022	2	2022	3
2/25/2022	42,617	31,291	7,864	8,154	40,319	30,151	7,809	7,811	7.51	-	4.42	0.13	CIM	25-Feb-22	2022	2	2022	3
2/26/2022	44,899	28,325	6,425	6,549	41,962	26,956	6,361	6,137	7.77	-	3.17	0.02	CIM	26-Feb-22	2022	2	2022	3
2/27/2022	45,911	26,889	5,770	6,319	48,024	25,764	5,700	6,085	6.96	-	4.13	3.99	CIM	27-Feb-22	2022	2	2022	3
2/28/2022	40,046	29,053	7,531	7,893	44,992	29,074	7,506	7,874	2.86	-	2.64	2.39	CIM	28-Feb-22	2022	2	2022	3
3/1/2022	36,124	29,014	7,899	8,084	39,337	29,466	7,866	8,197	-	0.89	1.01	0.84	CIM	01-Mar-22	2022	3	2022	3
3/2/2022	36,899	29,746	7,894	8,192	39,934	30,565	7,858	8,395	0.97	-	2.79	0.48	CIM	02-Mar-22	2022	3	2022	3
3/3/2022	40,642	31,159	8,106	8,515	44,061	30,193	7,947	8,275	3.87	-	1.71	7.30	CIM	03-Mar-22	2022	3	2022	3
3/4/2022	43,844	32,119	7,974	8,476	49,285	29,289	7,688	7,773	6.35	-	0.04	11.43	CIM	04-Mar-22	2022	3	2022	3
3/5/2022	47,764	29,457	6,559	6,952	52,761	26,274	6,249	6,316	7.25	-	0.15	9.19	CIM	05-Mar-22	2022	3	2022	3
3/6/2022	52,108	29,129	5,974	6,945	46,729	25,063	5,603	6,188	9.07	-	-	1.58	CIM	06-Mar-22	2022	3	2022	3
3/7/2022	51,601	33,309	7,840	9,171	38,708	28,911	7,447	8,078	10.28	-	0.47	1.85	CIM	07-Mar-22	2022	3	2022	3

3/8/2022	51,069	33,567	8,239	9,216	38,788	29,177	7,847	8,125	10.16	-	0.36	2.60	CIM	08-Mar-22	2022	3	2022	3
3/9/2022	51,196	33,869	8,177	9,217	41,209	29,546	7,789	8,142	10.16	-	0.52	4.58	CIM	09-Mar-22	2022	3	2022	3
3/10/2022	47,766	32,736	8,214	8,907	42,282	29,743	7,917	8,163	7.38	-	0.71	3.04	CIM	10-Mar-22	2022	3	2022	3
3/11/2022	50,873	34,154	8,114	8,982	42,869	29,813	7,725	7,903	10.89	-	1.21	5.74	CIM	11-Mar-22	2022	3	2022	3
3/12/2022	39,422	26,291	6,343	6,319	45,092	27,199	6,313	6,501	0.18	-	2.21	1.02	CIM	12-Mar-22	2022	3	2022	3
3/13/2022	47,445	25,063	5,604	6,188	42,399	25,740	5,650	6,315	-	12.57	1.51	1.27	CIM	13-Mar-22	2022	3	2022	3
3/14/2022	46,598	28,701	7,487	8,025	42,362	29,577	7,493	8,243	-	1.25	1.95	3.88	CIM	14-Mar-22	2022	3	2022	3
3/15/2022	43,747	31,678	8,110	8,746	44,580	30,545	7,941	8,465	5.94	-	3.42	2.12	CIM	15-Mar-22	2022	3	2022	3
3/16/2022	44,553	32,023	8,051	8,758	45,744	31,985	7,957	8,748	6.04	-	5.96	0.30	CIM	16-Mar-22	2022	3	2022	3
3/17/2022	43,731	31,749	8,147	8,662	40,447	30,557	7,973	8,365	5.18	-	2.52	0.10	CIM	17-Mar-22	2022	3	2022	3
3/18/2022	47,273	33,146	8,046	8,732	41,061	31,240	7,823	8,258	8.65	-	4.39	0.17	CIM	18-Mar-22	2022	3	2022	3
3/19/2022	52,355	30,787	6,651	7,218	44,169	28,371	6,394	6,735	10.21	-	4.82	0.06	CIM	19-Mar-22	2022	3	2022	3
3/20/2022	48,496	27,672	5,875	6,674	46,313	27,386	5,763	6,621	5.82	-	5.18	0.04	CIM	20-Mar-22	2022	3	2022	3
3/21/2022	41,390	30,192	7,628	8,396	41,160	30,102	7,529	8,374	3.33	-	3.13	0.23	CIM	21-Mar-22	2022	3	2022	3
3/22/2022	46,291	32,577	8,172	8,970	41,493	30,827	7,961	8,535	7.95	-	4.05	0.43	CIM	22-Mar-22	2022	3	2022	3
3/23/2022	51,720	34,234	8,203	9,307	41,305	30,941	7,886	8,489	10.98	-	3.63	0.19	CIM	23-Mar-22	2022	3	2022	3
3/24/2022	45,943	32,060	8,169	8,739	43,646	31,877	8,064	8,693	5.87	-	5.47	-	CIM	24-Mar-22	2022	3	2022	3
3/25/2022	38,770	30,258	7,848	8,014	44,223	32,107	7,883	8,473	2.20	-	6.33	-	CIM	25-Mar-22	2022	3	2022	3
3/26/2022	38,805	26,835	6,381	6,428	50,044	30,188	6,518	7,099	1.40	-	8.88	0.12	CIM	26-Mar-22	2022	3	2022	3
3/27/2022	42,154	26,323	5,783	6,423	53,829	29,502	5,909	7,015	2.81	-	9.90	0.11	CIM	27-Mar-22	2022	3	2022	3
3/28/2022	43,391	31,117	7,692	8,626	48,203	32,077	7,665	8,864	5.39	-	7.53	-	CIM	28-Mar-22	2022	3	2022	3
3/29/2022	45,927	32,278	8,152	8,896	46,207	32,187	8,054	8,873	7.28	-	7.08	-	CIM	29-Mar-22	2022	3	2022	3
3/30/2022	48,803	33,321	8,141	9,080	45,738	32,319	7,980	8,831	8.94	-	6.71	-	CIM	30-Mar-22	2022	3	0	0
3/31/2022	53,064	34,604	8,343	9,371	47,842	33,060	8,146	8,987	11.55	-	8.10	-	CIM	31-Mar-22	2022	3	2022	5
4/1/2022	49,654	34,395	8,074	8,554	35,547	28,785	7,719	7,598	9.55	-	0.97	3.13	CIM	01-Apr-22	2022	4	2022	5
4/2/2022	42,788	28,526	6,501	6,499	37,102	24,897	6,264	6,077	5.29	-	0.58	1.24	CIM	02-Apr-22	2022	4	2022	5
4/3/2022	42,686	26,240	5,820	6,246	40,248	24,330	5,653	6,041	4.02	-	1.56	0.41	CIM	03-Apr-22	2022	4	2022	5
4/4/2022	44,299	31,293	7,725	8,468	41,474	30,197	7,589	8,307	6.46	-	5.02	-	CIM	04-Apr-22	2022	4	2022	5
4/5/2022	55,362	35,281	8,299	9,150	38,045	29,411	7,923	8,118	12.06	-	2.79	-	CIM	05-Apr-22	2022	4	2022	5
4/6/2022	60,362	37,473	8,308	9,408	37,547	29,169	7,843	8,054	14.37	-	2.22	-	CIM	06-Apr-22	2022	4	2022	5
4/7/2022	50,949	34,899	8,288	8,891	40,665	30,441	8,025	8,270	9.73	-	4.16	0.78	CIM	07-Apr-22	2022	4	2022	5
4/8/2022	36,737	29,627	7,846	7,725	43,835	32,012	7,895	8,235	2.11	-	6.68	2.12	CIM	08-Apr-22	2022	4	2022	5
4/9/2022	36,352	24,632	6,278	6,025	44,876	28,699	6,429	6,558	-	1.98	5.95	0.05	CIM	09-Apr-22	2022	4	2022	5
4/10/2022	38,005	23,313	5,643	5,911	45,592	27,212	5,774	6,369	-	1.77	5.49	0.01	CIM	10-Apr-22	2022	4	2022	5
4/11/2022	38,984	28,861	7,621	8,090	46,525	31,951	7,660	8,564	3.08	-	7.33	0.01	CIM	11-Apr-22	2022	4	2022	5
4/12/2022	45,479	32,080	8,155	8,626	49,619	33,557	8,119	8,828	7.35	-	9.17	-	CIM	12-Apr-22	2022	4	2022	5
4/13/2022	49,191	33,783	8,145	8,815	50,679	34,372	8,075	8,894	9.05	-	9.76	-	CIM	13-Apr-22	2022	4	2022	5
4/14/2022	54,283	35,449	8,337	9,068	48,255	33,801	8,161	8,762	11.32	-	8.58	-	CIM	14-Apr-22	2022	4	2022	5
4/15/2022	53,711	35,577	8,134	8,461	46,126	32,998	7,926	8,038	11.48	-	7.69	0.25	CIM	15-Apr-22	2022	4	2022	5
4/16/2022	55,265	32,375	6,684	7,032	41,430	27,281	6,355	6,342	11.23	-	3.53	0.08	CIM	16-Apr-22	2022	4	2022	5
4/17/2022	59,038	31,836	6,074	6,932	44,085	26,447	5,746	6,293	12.24	-	4.58	-	CIM	17-Apr-22	2022	4	2022	5
4/18/2022	55,977	35,422	7,896	9,088	44,829	31,289	7,631	8,459	12.03	-	6.38	-	CIM	18-Apr-22	2022	4	2022	5
4/19/2022	45,053	32,688	8,149	8,603	47,441	32,766	8,084	8,700	7.15	-	8.02	-	CIM	19-Apr-22	2022	4	2022	5
4/20/2022	41,525	31,499	8,033	8,408	45,307	32,568	7,990	8,587	5.40	-	7.00	-	CIM	20-Apr-22	2022	4	2022	5
4/21/2022	49,419	33,710	8,266	8,810	46,203	33,374	8,151	8,726	9.00	-	8.25	-	CIM	21-Apr-22	2022	4	2022	5
4/22/2022	48,351	33,801	8,056	8,485	48,248	33,698	7,962	8,478	8.93	-	8.86	-	CIM	22-Apr-22	2022	4	2022	5
4/23/2022	52,019	31,206	6,637	6,893	51,357	31,092	6,539	6,878	9.69	-	9.51	-	CIM	23-Apr-22	2022	4	2022	5

4/24/2022	56,405	30,930	6,035	6,828	54,440	30,335	5,915	6,750	10.99	-	10.05	-	CIM	24-Apr-22	2022	4	2022	5
4/25/2022	55,293	35,117	7,887	9,051	52,457	34,201	7,753	8,901	11.70	-	10.35	-	CIM	25-Apr-22	2022	4	2022	5
4/26/2022	53,664	35,208	8,276	9,060	53,526	35,057	8,181	9,053	11.25	-	11.18	-	CIM	26-Apr-22	2022	4	2022	5
4/27/2022	55,517	35,974	8,238	9,150	55,823	36,059	8,151	9,167	12.06	-	12.21	-	CIM	27-Apr-22	2022	4	2022	5
4/28/2022	53,753	35,539	8,330	9,040	54,949	35,905	8,255	9,103	11.07	-	11.64	-	CIM	28-Apr-22	2022	4	2022	5
4/29/2022	49,352	34,267	8,071	8,538	56,983	36,571	8,091	8,943	9.40	-	13.04	-	CIM	29-Apr-22	2022	4	2022	5
4/30/2022	52,277	31,321	6,641	6,904	54,195	32,186	6,577	6,986	9.81	-	10.72	-	CIM	30-Apr-22	2022	4	2022	5
5/1/2022	57,566	29,383	6,040	6,989	44,406	26,249	5,772	6,509	11.13	-	5.38	0.23	CIM	01-May-22	2022	5	2022	5
5/2/2022	57,319	33,525	7,898	9,240	44,192	30,560	7,639	8,634	12.05	-	6.62	-	CIM	02-May-22	2022	5	2022	5
5/3/2022	58,259	34,184	8,320	9,369	50,736	32,578	8,137	9,041	12.69	-	9.74	-	CIM	03-May-22	2022	5	2022	5
5/4/2022	61,689	35,184	8,297	9,513	50,372	33,109	8,088	9,089	13.97	-	10.17	-	CIM	04-May-22	2022	5	2022	5
5/5/2022	65,964	36,143	8,467	9,685	46,994	32,436	8,166	8,928	15.52	-	8.72	-	CIM	05-May-22	2022	5	2022	5
5/6/2022	64,218	35,807	8,249	9,332	50,678	32,574	7,975	8,672	15.19	-	9.26	-	CIM	06-May-22	2022	5	2022	5
5/7/2022	64,196	32,298	6,781	7,463	48,948	28,620	6,482	6,858	14.37	-	7.63	-	CIM	07-May-22	2022	5	2022	5
5/8/2022	63,983	30,754	6,117	7,198	55,676	28,980	5,925	6,927	13.64	-	10.39	0.12	CIM	08-May-22	2022	5	2022	5
5/9/2022	54,808	32,989	7,868	9,130	55,195	32,959	7,774	9,124	11.07	-	11.01	-	CIM	09-May-22	2022	5	2022	5
5/10/2022	46,006	31,568	8,173	8,835	58,532	34,243	8,231	9,381	7.89	-	12.79	-	CIM	10-May-22	2022	5	2022	5
5/11/2022	48,838	32,439	8,143	8,952	60,475	34,925	8,191	9,460	8.94	-	13.49	-	CIM	11-May-22	2022	5	2022	5
5/12/2022	49,342	32,593	8,267	8,960	57,397	34,314	8,272	9,312	9.01	-	12.17	-	CIM	12-May-22	2022	5	2022	5
5/13/2022	49,213	32,602	8,069	8,678	55,820	34,013	8,056	8,966	9.32	-	11.90	-	CIM	13-May-22	2022	5	2022	5
5/14/2022	58,500	31,082	6,713	7,263	54,830	30,298	6,577	7,134	12.14	-	10.70	-	CIM	14-May-22	2022	5	2022	5
5/15/2022	61,619	30,249	6,089	7,121	58,857	29,659	5,964	7,031	12.71	-	11.63	-	CIM	15-May-22	2022	5	2022	5
5/16/2022	59,243	33,936	7,921	9,324	54,901	33,121	7,783	9,157	12.80	-	11.31	-	CIM	16-May-22	2022	5	2022	5
5/17/2022	63,066	35,211	8,378	9,579	59,248	34,456	8,244	9,425	14.57	-	13.18	-	CIM	17-May-22	2022	5	2022	5
5/18/2022	66,654	36,244	8,357	9,729	59,807	34,842	8,186	9,443	15.91	-	13.34	-	CIM	18-May-22	2022	5	2022	5
5/19/2022	66,564	36,271	8,474	9,711	58,445	34,537	8,285	9,357	15.75	-	12.58	-	CIM	19-May-22	2022	5	2022	5
5/20/2022	58,050	34,489	8,175	9,063	57,023	34,270	8,071	9,019	12.78	-	12.37	-	CIM	20-May-22	2022	5	2022	5
5/21/2022	62,919	32,025	6,766	7,418	61,324	31,564	6,648	7,342	13.87	-	13.02	-	CIM	21-May-22	2022	5	2022	5
5/22/2022	71,515	32,362	6,208	7,444	64,059	30,770	6,027	7,201	16.59	-	13.67	-	CIM	22-May-22	2022	5	2022	5
5/23/2022	68,812	35,979	8,036	9,741	61,996	34,524	7,862	9,444	16.55	-	13.88	-	CIM	23-May-22	2022	5	2022	5
5/24/2022	66,610	35,968	8,421	9,734	63,081	35,214	8,286	9,580	15.95	-	14.57	-	CIM	24-May-22	2022	5	2022	5
5/25/2022	66,578	36,228	8,356	9,726	62,407	35,337	8,214	9,544	15.88	-	14.25	-	CIM	25-May-22	2022	5	2022	5
5/26/2022	66,363	36,228	8,472	9,703	62,261	35,352	8,331	9,524	15.68	-	14.07	-	CIM	26-May-22	2022	5	2022	5
5/27/2022	65,178	36,012	8,261	9,374	63,292	35,609	8,146	9,292	15.57	-	14.83	-	CIM	27-May-22	2022	5	0	0
5/28/2022	67,049	32,908	6,816	7,563	66,750	32,844	6,720	7,552	15.49	-	15.37	-	CIM	28-May-22	2022	5	0	0
5/29/2022	68,158	30,800	5,816	6,935	67,518	30,663	5,716	6,914	15.27	-	15.02	-	CIM	29-May-22	2022	5	0	0
5/30/2022	64,096	30,747	6,219	7,535	68,417	31,669	6,179	7,723	14.70	-	16.40	-	CIM	30-May-22	2022	5	0	0
5/31/2022	63,800	35,368	8,387	9,611	66,137	35,867	8,323	9,713	14.85	-	15.77	-	CIM	31-May-22	2022	5	0	0

ntCycleYR2	ntCycleMO	CycleWeig	cycleWeig	intUBYR1	intUBMO1	intUBYR2	intUBMO2	lUBWeigh	lUBWeigh	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1
2021	6	0.15	0.85	0	0	2021	6	0	0.15	2021-6	2021-7	2021-6	0-0	2021-6	64,446	9,667	54,779	-	9,667	38,061	5,709
2021	6	0.2	0.8	0	0	2021	6	0	0.2	2021-6	2021-7	2021-6	0-0	2021-6	61,539	12,308	49,232	-	12,308	37,734	7,547
2021	6	0.25	0.75	0	0	2021	6	0	0.25	2021-6	2021-7	2021-6	0-0	2021-6	62,518	15,629	46,888	-	15,629	37,961	9,490
2021	6	0.3	0.7	0	0	2021	6	0	0.3	2021-6	2021-7	2021-6	0-0	2021-6	59,595	17,879	41,717	-	17,879	37,359	11,208
2021	6	0.35	0.65	0	0	2021	6	0	0.35	2021-6	2021-7	2021-6	0-0	2021-6	67,846	23,746	44,100	-	23,746	35,423	12,398
2021	6	0.35	0.65	0	0	2021	6	0	0.35	2021-6	2021-7	2021-6	0-0	2021-6	76,021	26,608	49,414	-	26,608	35,566	12,448
2021	6	0.35	0.65	0	0	2021	6	0	0.35	2021-6	2021-7	2021-6	0-0	2021-6	72,063	25,222	46,841	-	25,222	39,099	13,685
2021	6	0.4	0.6	0	0	2021	6	0	0.4	2021-6	2021-7	2021-6	0-0	2021-6	72,437	28,975	43,462	-	28,975	39,669	15,868
2021	6	0.45	0.55	0	0	2021	6	0	0.45	2021-6	2021-7	2021-6	0-0	2021-6	70,814	31,866	38,948	-	31,866	39,601	17,820
2021	6	0.5	0.5	0	0	2021	6	0	0.5	2021-6	2021-7	2021-6	0-0	2021-6	74,255	37,128	37,128	-	37,128	40,324	20,162
2021	6	0.55	0.45	0	0	2021	6	0	0.55	2021-6	2021-7	2021-6	0-0	2021-6	75,075	41,291	33,784	-	41,291	40,474	22,261
2021	6	0.6	0.4	0	0	2021	6	0	0.6	2021-6	2021-7	2021-6	0-0	2021-6	74,017	44,410	29,607	-	44,410	36,665	21,999
2021	6	0.6	0.4	0	0	2021	6	0	0.6	2021-6	2021-7	2021-6	0-0	2021-6	71,609	42,965	28,644	-	42,965	34,678	20,807
2021	6	0.6	0.4	0	0	2021	6	0	0.6	2021-6	2021-7	2021-6	0-0	2021-6	65,339	39,203	26,135	-	39,203	37,746	22,648
2021	6	0.65	0.35	0	0	2021	6	0	0.65	2021-6	2021-7	2021-6	0-0	2021-6	65,355	42,481	22,874	-	42,481	38,244	24,859
2021	6	0.7	0.3	0	0	2021	6	0	0.7	2021-6	2021-7	2021-6	0-0	2021-6	59,094	41,366	17,728	-	41,366	37,242	26,069
2021	6	0.75	0.25	0	0	2021	6	0	0.75	2021-6	2021-7	2021-6	0-0	2021-6	62,057	46,543	15,514	-	46,543	37,869	28,401
2021	6	0.8	0.2	0	0	2021	6	0	0.8	2021-6	2021-7	2021-6	0-0	2021-6	66,129	52,903	13,226	-	52,903	38,674	30,939
2021	6	0.85	0.15	0	0	2021	6	0	0.85	2021-6	2021-7	2021-6	0-0	2021-6	76,400	64,940	11,460	-	64,940	37,145	31,573
2021	6	0.85	0.15	0	0	2021	6	0	0.85	2021-6	2021-7	2021-6	0-0	2021-6	78,669	66,869	11,800	-	66,869	36,099	30,684
2021	6	0.85	0.15	0	0	2021	6	0	0.85	2021-6	2021-7	2021-6	0-0	2021-6	70,799	60,179	10,620	-	60,179	38,845	33,018
2021	6	0.9	0.1	0	0	2021	6	0	0.9	2021-6	2021-7	2021-6	0-0	2021-6	63,612	57,251	6,361	-	57,251	37,893	34,104
2021	6	0.95	0.05	0	0	2021	6	0	0.95	2021-6	2021-7	2021-6	0-0	2021-6	61,967	58,869	3,098	-	58,869	37,820	35,929
0	0	1	0	0	0	2021	6	0	1	2021-6	2021-7	0-0	0-0	2021-6	61,424	61,424	-	-	61,424	37,741	37,741
0	0	1	0	0	0	2021	6	0	1	2021-6	2021-7	0-0	0-0	2021-6	57,137	57,137	-	-	57,137	36,864	36,864
2021	8	0.95	0.05	2021	7	2021	6	0.05	1	2021-6	2021-7	2021-8	0-0	2021-6	64,488	61,263	3,224	3,224	64,488	34,747	33,010
2021	8	0.95	0.05	2021	7	2021	6	0.05	1	2021-6	2021-7	2021-8	0-0	2021-6	73,688	70,004	3,684	3,684	73,688	35,096	33,342
2021	8	0.95	0.05	2021	7	2021	6	0.05	1	2021-6	2021-7	2021-8	0-0	2021-6	70,187	66,678	3,509	3,509	70,187	38,722	36,786
2021	8	0.9	0.1	2021	7	2021	6	0.1	1	2021-6	2021-7	2021-8	0-0	2021-6	61,529	55,376	6,153	6,153	61,529	37,474	33,727
2021	8	0.85	0.15	2021	7	2021	6	0.15	1	2021-6	2021-7	2021-8	0-0	2021-6	58,034	49,329	8,705	8,705	58,034	37,029	31,474
2021	8	0.8	0.2	2021	7	0	0	0.2	0	2021-7	2021-7	2021-8	2021-7	0-0	61,102	48,882	12,220	12,220	-	36,018	28,815
2021	8	0.75	0.25	2021	7	0	0	0.25	0	2021-7	2021-7	2021-8	2021-7	0-0	61,887	46,415	15,472	15,472	-	35,466	26,600
2021	8	0.7	0.3	2021	7	0	0	0.3	0	2021-7	2021-7	2021-8	2021-7	0-0	59,036	41,325	17,711	17,711	-	30,912	21,639
2021	8	0.7	0.3	2021	7	0	0	0.3	0	2021-7	2021-7	2021-8	2021-7	0-0	68,778	48,145	20,633	20,633	-	31,098	21,769
2021	8	0.7	0.3	2021	7	0	0	0.3	0	2021-7	2021-7	2021-8	2021-7	0-0	67,493	47,245	20,248	20,248	-	32,729	22,910
2021	8	0.7	0.3	2021	7	0	0	0.3	0	2021-7	2021-7	2021-8	2021-7	0-0	62,161	43,512	18,648	18,648	-	35,987	25,191
2021	8	0.65	0.35	2021	7	0	0	0.35	0	2021-7	2021-7	2021-8	2021-7	0-0	66,562	43,265	23,297	23,297	-	37,249	24,212
2021	8	0.6	0.4	2021	7	0	0	0.4	0	2021-7	2021-7	2021-8	2021-7	0-0	66,676	40,006	26,670	26,670	-	37,293	22,376
2021	8	0.55	0.45	2021	7	0	0	0.45	0	2021-7	2021-7	2021-8	2021-7	0-0	69,680	38,324	31,356	31,356	-	37,991	20,895
2021	8	0.5	0.5	2021	7	0	0	0.5	0	2021-7	2021-7	2021-8	2021-7	0-0	70,719	35,360	35,360	35,360	-	34,574	17,287
2021	8	0.5	0.5	2021	7	0	0	0.5	0	2021-7	2021-7	2021-8	2021-7	0-0	70,495	35,247	35,247	35,247	-	32,976	16,488
2021	8	0.5	0.5	2021	7	0	0	0.5	0	2021-7	2021-7	2021-8	2021-7	0-0	62,940	31,470	31,470	31,470	-	35,647	17,824
2021	8	0.45	0.55	2021	7	0	0	0.55	0	2021-7	2021-7	2021-8	2021-7	0-0	68,417	30,788	37,629	37,629	-	37,418	16,838
2021	8	0.4	0.6	2021	7	0	0	0.6	0	2021-7	2021-7	2021-8	2021-7	0-0	65,261	26,104	39,157	39,157	-	36,951	14,780
2021	8	0.35	0.65	2021	7	0	0	0.65	0	2021-7	2021-7	2021-8	2021-7	0-0	73,515	25,730	47,784	47,784	-	38,857	13,600

2021	8	0.3	0.7	2021	7	0	0	0.7	0	2021-7	2021-7	2021-8	2021-7	0-0		75,202	22,561	52,641	52,641	-	39,254	11,776
2021	8	0.25	0.75	2021	7	0	0	0.75	0	2021-7	2021-7	2021-8	2021-7	0-0		77,533	19,383	58,150	58,150	-	36,133	9,033
2021	8	0.25	0.75	2021	7	0	0	0.75	0	2021-7	2021-7	2021-8	2021-7	0-0		76,250	19,063	57,188	57,188	-	34,292	8,573
2021	8	0.25	0.75	2021	7	0	0	0.75	0	2021-7	2021-7	2021-8	2021-7	0-0		72,097	18,024	54,072	54,072	-	37,742	9,435
2021	8	0.2	0.8	2021	7	0	0	0.8	0	2021-7	2021-7	2021-8	2021-7	0-0		72,168	14,434	57,734	57,734	-	38,276	7,655
2021	8	0.15	0.85	2021	7	0	0	0.85	0	2021-7	2021-7	2021-8	2021-7	0-0		74,654	11,198	63,456	63,456	-	39,099	5,865
2021	8	0.1	0.9	2021	7	0	0	0.9	0	2021-7	2021-7	2021-8	2021-7	0-0		80,288	8,029	72,259	72,259	-	40,407	4,041
2021	8	0.05	0.95	2021	7	0	0	0.95	0	2021-7	2021-7	2021-8	2021-7	0-0		75,711	3,786	71,925	71,925	-	39,370	1,969
2021	8	0	1	2021	7	0	0	1	0	2021-7	0-0	2021-8	2021-7	0-0		78,570	-	78,570	78,570	-	36,370	-
2021	8	0	1	2021	7	0	0	1	0	2021-7	0-0	2021-8	2021-7	0-0		81,829	-	81,829	81,829	-	35,568	-
2021	8	0	1	2021	7	0	0	1	0	2021-7	0-0	2021-8	2021-7	0-0		79,259	-	79,259	79,259	-	39,380	-
2021	8	0	1	2021	7	0	0	1	0	2021-7	0-0	2021-8	2021-7	0-0		71,390	-	71,390	71,390	-	38,098	-
2021	8	0.05	0.95	2021	7	2021	8	1	0.05	2021-7	2021-9	2021-8	2021-7	0-0		67,641	3,382	64,259	67,641	3,382	37,495	1,875
2021	8	0.1	0.9	2021	7	2021	8	1	0.1	2021-7	2021-9	2021-8	2021-7	0-0		66,738	6,674	60,064	66,738	6,674	37,307	3,731
2021	8	0.15	0.85	2021	7	2021	8	1	0.15	2021-7	2021-9	2021-8	2021-7	0-0		74,828	11,224	63,604	74,828	11,224	39,169	5,875
2021	8	0.2	0.8	2021	7	2021	8	1	0.2	2021-7	2021-9	2021-8	2021-7	0-0		84,111	16,822	67,288	84,111	16,822	37,637	7,527
2021	8	0.2	0.8	0	0	2021	8	0	0.2	2021-8	2021-9	2021-8	0-0	2021-8		81,825	16,365	65,460	-	16,365	39,340	7,868
2021	8	0.2	0.8	0	0	2021	8	0	0.2	2021-8	2021-9	2021-8	0-0	2021-8		74,556	14,911	59,644	-	14,911	41,907	8,381
2021	8	0.25	0.75	0	0	2021	8	0	0.25	2021-8	2021-9	2021-8	0-0	2021-8		62,282	15,570	46,711	-	15,570	39,210	9,803
2021	8	0.3	0.7	0	0	2021	8	0	0.3	2021-8	2021-9	2021-8	0-0	2021-8		59,876	17,963	41,913	-	17,963	38,824	11,647
2021	8	0.35	0.65	0	0	2021	8	0	0.35	2021-8	2021-9	2021-8	0-0	2021-8		62,954	22,034	40,920	-	22,034	39,641	13,874
2021	8	0.4	0.6	0	0	2021	8	0	0.4	2021-8	2021-9	2021-8	0-0	2021-8		72,762	29,105	43,657	-	29,105	42,279	16,912
2021	8	0.45	0.55	0	0	2021	8	0	0.45	2021-8	2021-9	2021-8	0-0	2021-8		72,132	32,459	39,673	-	32,459	38,382	17,272
2021	8	0.45	0.55	0	0	2021	8	0	0.45	2021-8	2021-9	2021-8	0-0	2021-8		77,041	34,669	42,373	-	34,669	38,074	17,133
2021	8	0.45	0.55	0	0	2021	8	0	0.45	2021-8	2021-9	2021-8	0-0	2021-8		74,595	33,568	41,027	-	33,568	41,918	18,863
2021	8	0.5	0.5	0	0	2021	8	0	0.5	2021-8	2021-9	2021-8	0-0	2021-8		71,846	35,923	35,923	-	35,923	41,740	20,870
2021	8	0.55	0.45	0	0	2021	8	0	0.55	2021-8	2021-9	2021-8	0-0	2021-8		72,527	39,890	32,637	-	39,890	42,169	23,193
2021	8	0.6	0.4	0	0	2021	8	0	0.6	2021-8	2021-9	2021-8	0-0	2021-8		72,977	43,786	29,191	-	43,786	42,292	25,375
2021	8	0.65	0.35	0	0	2021	8	0	0.65	2021-8	2021-9	2021-8	0-0	2021-8		68,488	44,517	23,971	-	44,517	41,148	26,746
2021	8	0.7	0.3	0	0	2021	8	0	0.7	2021-8	2021-9	2021-8	0-0	2021-8		66,434	46,504	19,930	-	46,504	36,875	25,812
2021	8	0.7	0.3	0	0	2021	8	0	0.7	2021-8	2021-9	2021-8	0-0	2021-8		68,201	47,741	20,460	-	47,741	35,736	25,015
2021	8	0.7	0.3	0	0	2021	8	0	0.7	2021-8	2021-9	2021-8	0-0	2021-8		70,636	49,445	21,191	-	49,445	40,870	28,609
2021	8	0.75	0.25	0	0	2021	8	0	0.75	2021-8	2021-9	2021-8	0-0	2021-8		77,213	57,910	19,303	-	57,910	43,159	32,369
2021	8	0.8	0.2	0	0	2021	8	0	0.8	2021-8	2021-9	2021-8	0-0	2021-8		77,962	62,370	15,592	-	62,370	43,607	34,886
2021	8	0.85	0.15	0	0	2021	8	0	0.85	2021-8	2021-9	2021-8	0-0	2021-8		79,479	67,557	11,922	-	67,557	44,011	37,410
2021	8	0.9	0.1	0	0	2021	8	0	0.9	2021-8	2021-9	2021-8	0-0	2021-8		76,773	69,095	7,677	-	69,095	43,339	39,005
2021	8	0.95	0.05	0	0	2021	8	0	0.95	2021-8	2021-9	2021-8	0-0	2021-8		78,980	75,031	3,949	-	75,031	40,193	38,183
2021	8	0.95	0.05	0	0	2021	8	0	0.95	2021-8	2021-9	2021-8	0-0	2021-8		80,234	76,222	4,012	-	76,222	38,919	36,973
2021	8	0.95	0.05	0	0	2021	8	0	0.95	2021-8	2021-9	2021-8	0-0	2021-8		73,832	70,140	3,692	-	70,140	41,716	39,630
0	0	1	0	0	0	2021	8	0	1	2021-8	2021-9	0-0	0-0	2021-8		69,581	69,581	-	-	69,581	41,140	41,140
0	0	1	0	0	0	2021	8	0	1	2021-8	2021-9	0-0	0-0	2021-8		72,428	72,428	-	-	72,428	42,143	42,143
2021	10	0.95	0.05	2021	9	2021	8	0.05	1	2021-8	2021-9	2021-10	0-0	2021-8		66,989	63,639	3,349	3,349	66,989	40,708	38,673
2021	10	0.9	0.1	2021	9	2021	8	0.1	1	2021-8	2021-9	2021-10	0-0	2021-8		66,488	59,839	6,649	6,649	66,488	40,619	36,557
2021	10	0.85	0.15	2021	9	2021	8	0.15	1	2021-8	2021-9	2021-10	0-0	2021-8		74,375	63,219	11,156	11,156	74,375	38,975	33,129
2021	10	0.85	0.15	2021	9	2021	8	0.15	1	2021-8	2021-9	2021-10	0-0	2021-8		78,834	67,009	11,825	11,825	78,834	38,548	32,766
2021	10	0.85	0.15	2021	9	2021	8	0.15	1	2021-8	2021-9	2021-10	0-0	2021-8		75,362	64,058	11,304	11,304	75,362	42,120	35,802
2021	10	0.8	0.2	2021	9	2021	8	0.2	1	2021-8	2021-9	2021-10	0-0	2021-8		74,123	59,298	14,825	14,825	74,123	42,342	33,873

2021	10	0.75	0.25	2021	9	0	0	0.25	0	2021-9	2021-9	2021-10	2021-9	0-0	59,339	44,504	14,835	14,835	-	36,510	27,382
2021	10	0.7	0.3	2021	9	0	0	0.3	0	2021-9	2021-9	2021-10	2021-9	0-0	66,478	46,534	19,943	19,943	-	37,796	26,457
2021	10	0.65	0.35	2021	9	0	0	0.35	0	2021-9	2021-9	2021-10	2021-9	0-0	67,016	43,561	23,456	23,456	-	37,850	24,603
2021	10	0.6	0.4	2021	9	0	0	0.4	0	2021-9	2021-9	2021-10	2021-9	0-0	70,044	42,026	28,018	28,018	-	34,839	20,904
2021	10	0.6	0.4	2021	9	0	0	0.4	0	2021-9	2021-9	2021-10	2021-9	0-0	72,404	43,443	28,962	28,962	-	32,940	19,764
2021	10	0.6	0.4	2021	9	0	0	0.4	0	2021-9	2021-9	2021-10	2021-9	0-0	70,548	42,329	28,219	28,219	-	33,468	20,081
2021	10	0.6	0.4	2021	9	0	0	0.4	0	2021-9	2021-9	2021-10	2021-9	0-0	67,405	40,443	26,962	26,962	-	37,654	22,592
2021	10	0.55	0.45	2021	9	0	0	0.45	0	2021-9	2021-9	2021-10	2021-9	0-0	67,109	36,910	30,199	30,199	-	37,864	20,825
2021	10	0.5	0.5	2021	9	0	0	0.5	0	2021-9	2021-9	2021-10	2021-9	0-0	63,985	31,992	31,992	31,992	-	37,361	18,680
2021	10	0.45	0.55	2021	9	0	0	0.55	0	2021-9	2021-9	2021-10	2021-9	0-0	64,056	28,825	35,231	35,231	-	37,334	16,800
2021	10	0.4	0.6	2021	9	0	0	0.6	0	2021-9	2021-9	2021-10	2021-9	0-0	64,248	25,699	38,549	38,549	-	33,829	13,531
2021	10	0.4	0.6	2021	9	0	0	0.6	0	2021-9	2021-9	2021-10	2021-9	0-0	71,868	28,747	43,121	43,121	-	33,699	13,479
2021	10	0.4	0.6	2021	9	0	0	0.6	0	2021-9	2021-9	2021-10	2021-9	0-0	70,119	28,048	42,071	42,071	-	37,656	15,062
2021	10	0.35	0.65	2021	9	0	0	0.65	0	2021-9	2021-9	2021-10	2021-9	0-0	62,417	21,846	40,571	40,571	-	36,784	12,874
2021	10	0.3	0.7	2021	9	0	0	0.7	0	2021-9	2021-9	2021-10	2021-9	0-0	65,039	19,512	45,527	45,527	-	37,503	11,251
2021	10	0.25	0.75	2021	9	0	0	0.75	0	2021-9	2021-9	2021-10	2021-9	0-0	62,669	15,667	47,001	47,001	-	37,131	9,283
2021	10	0.2	0.8	2021	9	0	0	0.8	0	2021-9	2021-9	2021-10	2021-9	0-0	59,682	11,936	47,746	47,746	-	36,571	7,314
2021	10	0.15	0.85	2021	9	0	0	0.85	0	2021-9	2021-9	2021-10	2021-9	0-0	63,827	9,574	54,253	54,253	-	33,755	5,063
2021	10	0.15	0.85	2021	9	0	0	0.85	0	2021-9	2021-9	2021-10	2021-9	0-0	65,604	9,841	55,763	55,763	-	32,606	4,891
2021	10	0.15	0.85	2021	9	0	0	0.85	0	2021-9	2021-9	2021-10	2021-9	0-0	61,337	9,201	52,137	52,137	-	36,125	5,419
2021	10	0.1	0.9	2021	9	0	0	0.9	0	2021-9	2021-9	2021-10	2021-9	0-0	61,442	6,144	55,298	55,298	-	36,614	3,661
2021	10	0.05	0.95	2021	9	0	0	0.95	0	2021-9	2021-9	2021-10	2021-9	0-0	64,154	3,208	60,947	60,947	-	37,349	1,867
2021	10	0	1	2021	9	0	0	1	0	2021-9	0-0	2021-10	2021-9	0-0	61,095	-	61,095	61,095	-	36,857	-
2021	10	0	1	2021	9	0	0	1	0	2021-9	0-0	2021-10	2021-9	0-0	61,849	-	61,849	61,849	-	36,949	-
2021	10	0.05	0.95	2021	9	2021	10	1	0.05	2021-9	2021-11	2021-10	2021-9	0-0	67,183	3,359	63,824	67,183	3,359	34,340	1,717
2021	10	0.05	0.95	2021	9	2021	10	1	0.05	2021-9	2021-11	2021-10	2021-9	0-0	66,287	3,314	62,973	66,287	3,314	32,726	1,636
2021	10	0.05	0.95	2021	9	2021	10	1	0.05	2021-9	2021-11	2021-10	2021-9	0-0	61,209	3,060	58,149	61,209	3,060	36,102	1,805
2021	10	0.1	0.9	2021	9	2021	10	1	0.1	2021-9	2021-11	2021-10	2021-9	0-0	59,065	5,906	53,158	59,065	5,906	36,200	3,620
2021	10	0.15	0.85	2021	9	2021	10	1	0.15	2021-9	2021-11	2021-10	2021-9	0-0	58,547	8,782	49,765	58,547	8,782	36,371	5,456
2021	10	0.2	0.8	2021	9	2021	10	1	0.2	2021-9	2021-11	2021-10	2021-9	0-0	63,079	12,616	50,463	63,079	12,616	37,203	7,441
2021	10	0.25	0.75	0	0	2021	10	0	0.25	2021-10	2021-11	2021-10	0-0	2021-10	60,627	15,157	45,470	-	15,157	37,358	9,340
2021	10	0.3	0.7	0	0	2021	10	0	0.3	2021-10	2021-11	2021-10	0-0	2021-10	65,270	19,581	45,689	-	19,581	34,714	10,414
2021	10	0.3	0.7	0	0	2021	10	0	0.3	2021-10	2021-11	2021-10	0-0	2021-10	62,362	18,709	43,654	-	18,709	32,595	9,779
2021	10	0.3	0.7	0	0	2021	10	0	0.3	2021-10	2021-11	2021-10	0-0	2021-10	59,919	17,976	41,944	-	17,976	36,434	10,930
2021	10	0.35	0.65	0	0	2021	10	0	0.35	2021-10	2021-11	2021-10	0-0	2021-10	58,990	20,646	38,343	-	20,646	36,741	12,859
2021	10	0.4	0.6	0	0	2021	10	0	0.4	2021-10	2021-11	2021-10	0-0	2021-10	63,891	25,556	38,334	-	25,556	38,019	15,207
2021	10	0.45	0.55	0	0	2021	10	0	0.45	2021-10	2021-11	2021-10	0-0	2021-10	66,705	30,017	36,688	-	30,017	38,632	17,384
2021	10	0.5	0.5	0	0	2021	10	0	0.5	2021-10	2021-11	2021-10	0-0	2021-10	60,316	30,158	30,158	-	30,158	37,294	18,647
2021	10	0.55	0.45	0	0	2021	10	0	0.55	2021-10	2021-11	2021-10	0-0	2021-10	60,682	33,375	27,307	-	33,375	33,759	18,567
2021	10	0.55	0.45	0	0	2021	10	0	0.55	2021-10	2021-11	2021-10	0-0	2021-10	60,105	33,058	27,047	-	33,058	32,125	17,669
2021	10	0.55	0.45	0	0	2021	10	0	0.55	2021-10	2021-11	2021-10	0-0	2021-10	54,578	30,018	24,560	-	30,018	35,322	19,427
2021	10	0.6	0.4	0	0	2021	10	0	0.6	2021-10	2021-11	2021-10	0-0	2021-10	61,598	36,959	24,639	-	36,959	37,284	22,370
2021	10	0.65	0.35	0	0	2021	10	0	0.65	2021-10	2021-11	2021-10	0-0	2021-10	61,223	39,795	21,428	-	39,795	37,463	24,351
2021	10	0.7	0.3	0	0	2021	10	0	0.7	2021-10	2021-11	2021-10	0-0	2021-10	62,315	43,620	18,694	-	43,620	37,718	26,402
2021	10	0.75	0.25	0	0	2021	10	0	0.75	2021-10	2021-11	2021-10	0-0	2021-10	61,530	46,147	15,382	-	46,147	37,546	28,160
2021	10	0.8	0.2	0	0	2021	10	0	0.8	2021-10	2021-11	2021-10	0-0	2021-10	61,564	49,251	12,313	-	49,251	33,943	27,154
2021	10	0.8	0.2	0	0	2021	10	0	0.8	2021-10	2021-11	2021-10	0-0	2021-10	50,671	40,537	10,134	-	40,537	30,161	24,129

2021	10	0.8	0.2	0	0	2021	10	0	0.8	2021-10	2021-11	2021-10	0-0	2021-10	44,116	35,293	8,823	-	35,293	32,253	25,803
2021	10	0.85	0.15	0	0	2021	10	0	0.85	2021-10	2021-11	2021-10	0-0	2021-10	46,474	39,503	6,971	-	39,503	34,046	28,939
2021	10	0.9	0.1	0	0	2021	10	0	0.9	2021-10	2021-11	2021-10	0-0	2021-10	48,059	43,253	4,806	-	43,253	34,723	31,251
2021	10	0.95	0.05	0	0	2021	10	0	0.95	2021-10	2021-11	2021-10	0-0	2021-10	51,943	49,346	2,597	-	49,346	35,559	33,781
0	0	1	0	0	0	2021	10	0	1	2021-10	2021-11	0-0	0-0	2021-10	53,668	53,668	-	-	53,668	35,910	35,910
0	0	1	0	0	0	2021	10	0	1	2021-10	2021-11	0-0	0-0	2021-10	56,699	56,699	-	-	56,699	32,930	32,930
0	0	1	0	0	0	2021	10	0	1	2021-10	2021-11	0-0	0-0	2021-10	57,693	57,693	-	-	57,693	31,623	31,623
0	0	1	0	0	0	2021	10	0	1	2021-10	2021-11	0-0	0-0	2021-10	58,374	58,374	-	-	58,374	36,112	36,112
2021	12	0.95	0.05	2021	11	2021	10	0.05	1	2021-10	2021-11	2021-12	0-0	2021-10	54,358	51,640	2,718	2,718	54,358	35,777	33,988
2021	12	0.9	0.1	2021	11	2021	10	0.1	1	2021-10	2021-11	2021-12	0-0	2021-10	43,754	39,379	4,375	4,375	43,754	33,028	29,725
2021	12	0.85	0.15	2021	11	2021	10	0.15	1	2021-10	2021-11	2021-12	0-0	2021-10	50,325	42,776	7,549	7,549	50,325	35,222	29,939
2021	12	0.8	0.2	2021	11	2021	10	0.2	1	2021-10	2021-11	2021-12	0-0	2021-10	44,848	35,878	8,970	8,970	44,848	33,670	26,936
2021	12	0.75	0.25	2021	11	2021	10	0.25	1	2021-10	2021-11	2021-12	0-0	2021-10	38,932	29,199	9,733	9,733	38,932	27,754	20,816
2021	12	0.75	0.25	2021	11	2021	10	0.25	1	2021-10	2021-11	2021-12	0-0	2021-10	40,317	30,238	10,079	10,079	40,317	26,532	19,899
2021	12	0.75	0.25	2021	11	0	0	0.25	0	2021-11	2021-11	2021-12	2021-11	0-0	36,623	27,467	9,156	9,156	-	30,138	22,603
2021	12	0.7	0.3	2021	11	0	0	0.3	0	2021-11	2021-11	2021-12	2021-11	0-0	44,137	30,896	13,241	13,241	-	33,046	23,132
2021	12	0.65	0.35	2021	11	0	0	0.35	0	2021-11	2021-11	2021-12	2021-11	0-0	47,068	30,594	16,474	16,474	-	33,739	21,930
2021	12	0.6	0.4	2021	11	0	0	0.4	0	2021-11	2021-11	2021-12	2021-11	0-0	45,220	27,132	18,088	18,088	-	33,059	19,835
2021	12	0.55	0.45	2021	11	0	0	0.45	0	2021-11	2021-11	2021-12	2021-11	0-0	37,461	20,603	16,857	16,857	-	30,838	16,961
2021	12	0.5	0.5	2021	11	0	0	0.5	0	2021-11	2021-11	2021-12	2021-11	0-0	40,367	20,184	20,184	20,184	-	25,798	12,899
2021	12	0.5	0.5	2021	11	0	0	0.5	0	2021-11	2021-11	2021-12	2021-11	0-0	45,255	22,627	22,627	22,627	-	24,624	12,312
2021	12	0.5	0.5	2021	11	0	0	0.5	0	2021-11	2021-11	2021-12	2021-11	0-0	40,114	20,057	20,057	20,057	-	28,977	14,489
2021	12	0.45	0.55	2021	11	0	0	0.55	0	2021-11	2021-11	2021-12	2021-11	0-0	37,822	17,020	20,802	20,802	-	30,676	13,804
2021	12	0.45	0.55	2021	11	0	0	0.55	0	2021-11	2021-11	2021-12	2021-11	0-0	39,410	17,734	21,675	21,675	-	31,749	14,287
2021	12	0.4	0.6	2021	11	0	0	0.6	0	2021-11	2021-11	2021-12	2021-11	0-0	46,178	18,471	27,707	27,707	-	33,731	13,492
2021	12	0.35	0.65	2021	11	0	0	0.65	0	2021-11	2021-11	2021-12	2021-11	0-0	45,511	15,929	29,582	29,582	-	33,266	11,643
2021	12	0.3	0.7	2021	11	0	0	0.7	0	2021-11	2021-11	2021-12	2021-11	0-0	41,541	12,462	29,079	29,079	-	28,214	8,464
2021	12	0.3	0.7	2021	11	0	0	0.7	0	2021-11	2021-11	2021-12	2021-11	0-0	42,154	12,646	29,508	29,508	-	24,624	7,387
2021	12	0.3	0.7	2021	11	0	0	0.7	0	2021-11	2021-11	2021-12	2021-11	0-0	41,797	12,539	29,258	29,258	-	28,445	8,534
2021	12	0.25	0.75	2021	11	0	0	0.75	0	2021-11	2021-11	2021-12	2021-11	0-0	37,478	9,369	28,108	28,108	-	29,903	7,476
2021	12	0.2	0.8	2021	11	0	0	0.8	0	2021-11	2021-11	2021-12	2021-11	0-0	40,600	8,120	32,480	32,480	-	32,136	6,427
2021	12	0.15	0.85	2021	11	0	0	0.85	0	2021-11	2021-11	2021-12	2021-11	0-0	44,253	6,638	37,615	37,615	-	33,049	4,957
2021	12	0.1	0.9	2021	11	0	0	0.9	0	2021-11	2021-11	2021-12	2021-11	0-0	45,468	4,547	40,921	40,921	-	33,378	3,338
2021	12	0.05	0.95	2021	11	0	0	0.95	0	2021-11	2021-11	2021-12	2021-11	0-0	44,057	2,203	41,854	41,854	-	28,991	1,450
2021	12	0.05	0.95	2021	11	0	0	0.95	0	2021-11	2021-11	2021-12	2021-11	0-0	48,563	2,428	46,135	46,135	-	28,954	1,448
2021	12	0.05	0.95	2021	11	0	0	0.95	0	2021-11	2021-11	2021-12	2021-11	0-0	42,366	2,118	40,248	40,248	-	31,401	1,570
2021	12	0	1	2021	11	0	0	1	0	2021-11	0-0	2021-12	2021-11	0-0	39,727	-	39,727	39,727	-	28,766	-
2021	12	0.05	0.95	2021	11	2021	12	1	0.05	2021-11	2022-1	2021-12	2021-11	0-0	43,055	2,153	40,902	43,055	2,153	29,051	1,453
2021	12	0.1	0.9	2021	11	2021	12	1	0.1	2021-11	2022-1	2021-12	2021-11	0-0	44,331	4,433	39,898	44,331	4,433	23,773	2,377
2021	12	0.1	0.9	2021	11	2021	12	1	0.1	2021-11	2022-1	2021-12	2021-11	0-0	34,783	3,478	31,305	34,783	3,478	27,741	2,774
2021	12	0.1	0.9	2021	11	2021	12	1	0.1	2021-11	2022-1	2021-12	2021-11	0-0	40,863	4,086	36,777	40,863	4,086	25,267	2,527
2021	12	0.1	0.9	2021	11	2021	12	1	0.1	2021-11	2022-1	2021-12	2021-11	0-0	46,753	4,675	42,078	46,753	4,675	24,624	2,462
2021	12	0.1	0.9	2021	11	2021	12	1	0.1	2021-11	2022-1	2021-12	2021-11	0-0	42,758	4,276	38,482	42,758	4,276	28,445	2,845
2021	12	0.15	0.85	2021	11	2021	12	1	0.15	2021-11	2022-1	2021-12	2021-11	0-0	42,571	6,386	36,185	42,571	6,386	28,766	4,315
2021	12	0.2	0.8	0	0	2021	12	0	0.2	2021-12	2022-1	2021-12	0-0	2021-12	36,620	7,324	29,296	-	7,324	29,898	5,980
2021	12	0.25	0.75	0	0	2021	12	0	0.25	2021-12	2022-1	2021-12	0-0	2021-12	38,142	9,535	28,606	-	9,535	30,342	7,585
2021	12	0.3	0.7	0	0	2021	12	0	0.3	2021-12	2022-1	2021-12	0-0	2021-12	38,146	11,444	26,702	-	11,444	29,532	8,860

2021	12	0.35	0.65	0	0	2021	12	0	0.35	2021-12	2022-1	2021-12	0-0	2021-12	40,211	14,074	26,137	-	14,074	26,936	9,428
2021	12	0.35	0.65	0	0	2021	12	0	0.35	2021-12	2022-1	2021-12	0-0	2021-12	41,075	14,376	26,699	-	14,376	27,330	9,565
2021	12	0.35	0.65	0	0	2021	12	0	0.35	2021-12	2022-1	2021-12	0-0	2021-12	39,422	13,798	25,625	-	13,798	31,757	11,115
2021	12	0.4	0.6	0	0	2021	12	0	0.4	2021-12	2022-1	2021-12	0-0	2021-12	39,276	15,710	23,565	-	15,710	32,154	12,862
2021	12	0.45	0.55	0	0	2021	12	0	0.45	2021-12	2022-1	2021-12	0-0	2021-12	42,039	18,918	23,121	-	18,918	33,629	15,133
2021	12	0.5	0.5	0	0	2021	12	0	0.5	2021-12	2022-1	2021-12	0-0	2021-12	42,235	21,118	21,118	-	21,118	33,135	16,568
2021	12	0.55	0.45	0	0	2021	12	0	0.55	2021-12	2022-1	2021-12	0-0	2021-12	41,905	23,048	18,857	-	23,048	33,467	18,407
2021	12	0.6	0.4	0	0	2021	12	0	0.6	2021-12	2022-1	2021-12	0-0	2021-12	45,825	27,495	18,330	-	27,495	30,907	18,544
2021	12	0.6	0.4	0	0	2021	12	0	0.6	2021-12	2022-1	2021-12	0-0	2021-12	46,691	28,014	18,676	-	28,014	29,119	17,472
2021	12	0.6	0.4	0	0	2021	12	0	0.6	2021-12	2022-1	2021-12	0-0	2021-12	43,149	25,889	17,260	-	25,889	32,730	19,638
2021	12	0.65	0.35	0	0	2021	12	0	0.65	2021-12	2022-1	2021-12	0-0	2021-12	41,859	27,208	14,650	-	27,208	32,942	21,412
2021	12	0.7	0.3	0	0	2021	12	0	0.7	2021-12	2022-1	2021-12	0-0	2021-12	41,935	29,354	12,580	-	29,354	33,247	23,273
2021	12	0.75	0.25	0	0	2021	12	0	0.75	2021-12	2022-1	2021-12	0-0	2021-12	44,866	33,650	11,217	-	33,650	34,520	25,890
2021	12	0.8	0.2	0	0	2021	12	0	0.8	2021-12	2022-1	2021-12	0-0	2021-12	43,945	35,156	8,789	-	35,156	33,828	27,063
2021	12	0.85	0.15	0	0	2021	12	0	0.85	2021-12	2022-1	2021-12	0-0	2021-12	46,767	39,752	7,015	-	39,752	31,192	26,513
2021	12	0.85	0.15	0	0	2021	12	0	0.85	2021-12	2022-1	2021-12	0-0	2021-12	49,942	42,450	7,491	-	42,450	30,509	25,933
2021	12	0.85	0.15	0	0	2021	12	0	0.85	2021-12	2022-1	2021-12	0-0	2021-12	41,975	35,679	6,296	-	35,679	31,596	26,857
2021	12	0.9	0.1	0	0	2021	12	0	0.9	2021-12	2022-1	2021-12	0-0	2021-12	36,746	33,072	3,675	-	33,072	30,099	27,089
2021	12	0.95	0.05	0	0	2021	12	0	0.95	2021-12	2022-1	2021-12	0-0	2021-12	41,666	39,583	2,083	-	39,583	29,617	28,136
0	0	1	0	0	0	2021	12	0	1	2021-12	2022-1	0-0	0-0	2021-12	46,635	46,635	-	-	46,635	29,732	29,732
0	0	1	0	0	0	2021	12	0	1	2021-12	2022-1	0-0	0-0	2021-12	47,067	47,067	-	-	47,067	27,348	27,348
2022	2	0.95	0.05	2022	1	2021	12	0.05	1	2021-12	2022-1	2022-2	0-0	2021-12	41,283	39,219	2,064	2,064	41,283	23,946	22,749
2022	2	0.95	0.05	2022	1	2021	12	0.05	1	2021-12	2022-1	2022-2	0-0	2021-12	39,323	37,357	1,966	1,966	39,323	26,413	25,093
2022	2	0.95	0.05	2022	1	2021	12	0.05	1	2021-12	2022-1	2022-2	0-0	2021-12	37,201	35,341	1,860	1,860	37,201	30,436	28,914
2022	2	0.95	0.05	2022	1	2021	12	0.05	1	2021-12	2022-1	2022-2	0-0	2021-12	37,201	35,341	1,860	1,860	37,201	30,436	28,914
2022	2	0.95	0.05	2022	1	2021	12	0.05	1	2021-12	2022-1	2022-2	0-0	2021-12	38,216	36,305	1,911	1,911	38,216	31,392	29,823
2022	2	0.9	0.1	2022	1	2021	12	0.1	1	2021-12	2022-1	2022-2	0-0	2021-12	41,755	37,579	4,175	4,175	41,755	32,926	29,633
2022	2	0.85	0.15	2022	1	2021	12	0.15	1	2021-12	2022-1	2022-2	0-0	2021-12	43,721	37,163	6,558	6,558	43,721	32,906	27,970
2022	2	0.8	0.2	2022	1	2021	12	0.2	1	2021-12	2022-1	2022-2	0-0	2021-12	44,031	35,225	8,806	8,806	44,031	34,149	27,319
2022	2	0.95	0.05	2022	1	0	0	0.05	0	2022-1	2022-1	2022-2	2022-1	0-0	40,979	38,930	2,049	2,049	-	25,056	23,803
2022	2	0.95	0.05	2022	1	0	0	0.05	0	2022-1	2022-1	2022-2	2022-1	0-0	46,980	44,631	2,349	2,349	-	26,548	25,221
2022	2	0.95	0.05	2022	1	0	0	0.05	0	2022-1	2022-1	2022-2	2022-1	0-0	38,841	36,899	1,942	1,942	-	26,951	25,603
2022	2	0.9	0.1	2022	1	0	0	0.1	0	2022-1	2022-1	2022-2	2022-1	0-0	42,606	38,345	4,261	4,261	-	27,471	24,724
2022	2	0.85	0.15	2022	1	0	0	0.15	0	2022-1	2022-1	2022-2	2022-1	0-0	38,370	32,614	5,755	5,755	-	27,938	23,748
2022	2	0.8	0.2	2022	1	0	0	0.2	0	2022-1	2022-1	2022-2	2022-1	0-0	36,464	29,171	7,293	7,293	-	27,677	22,141
2022	2	0.75	0.25	2022	1	0	0	0.25	0	2022-1	2022-1	2022-2	2022-1	0-0	36,404	27,303	9,101	9,101	-	28,092	21,069
2022	2	0.7	0.3	2022	1	0	0	0.3	0	2022-1	2022-1	2022-2	2022-1	0-0	36,987	25,891	11,096	11,096	-	24,688	17,281
2022	2	0.7	0.3	2022	1	0	0	0.3	0	2022-1	2022-1	2022-2	2022-1	0-0	43,400	30,380	13,020	13,020	-	25,258	17,681
2022	2	0.7	0.3	2022	1	0	0	0.3	0	2022-1	2022-1	2022-2	2022-1	0-0	38,282	26,797	11,484	11,484	-	27,990	19,593
2022	2	0.65	0.35	2022	1	0	0	0.35	0	2022-1	2022-1	2022-2	2022-1	0-0	39,909	25,941	13,968	13,968	-	27,264	17,721
2022	2	0.6	0.4	2022	1	0	0	0.4	0	2022-1	2022-1	2022-2	2022-1	0-0	41,533	24,920	16,613	16,613	-	27,875	16,725
2022	2	0.55	0.45	2022	1	0	0	0.45	0	2022-1	2022-1	2022-2	2022-1	0-0	40,713	22,392	18,321	18,321	-	27,895	15,342
2022	2	0.5	0.5	2022	1	0	0	0.5	0	2022-1	2022-1	2022-2	2022-1	0-0	42,725	21,362	21,362	21,362	-	27,725	13,863
2022	2	0.45	0.55	2022	1	0	0	0.55	0	2022-1	2022-1	2022-2	2022-1	0-0	46,576	20,959	25,617	25,617	-	24,847	11,181
2022	2	0.45	0.55	2022	1	0	0	0.55	0	2022-1	2022-1	2022-2	2022-1	0-0	44,371	19,967	24,404	24,404	-	23,701	10,665
2022	2	0.45	0.55	2022	1	0	0	0.55	0	2022-1	2022-1	2022-2	2022-1	0-0	45,596	20,518	25,078	25,078	-	27,107	12,198
2022	2	0.4	0.6	2022	1	0	0	0.6	0	2022-1	2022-1	2022-2	2022-1	0-0	61,541	24,616	36,925	36,925	-	28,484	11,394
2022	2	0.35	0.65	2022	1	0	0	0.65	0	2022-1	2022-1	2022-2	2022-1	0-0	52,177	18,262	33,915	33,915	-	28,514	9,980

2022	2	0.3	0.7	2022	1	0	0	0.7	0	2022-1	2022-1	2022-2	2022-1	0-0	42,394	12,718	29,676	29,676	-	28,162	8,448
2022	2	0.25	0.75	2022	1	0	0	0.75	0	2022-1	2022-1	2022-2	2022-1	0-0	38,085	9,521	28,564	28,564	-	27,670	6,917
2022	2	0.2	0.8	2022	1	0	0	0.8	0	2022-1	2022-1	2022-2	2022-1	0-0	53,563	10,713	42,851	42,851	-	24,904	4,981
2022	2	0.2	0.8	2022	1	0	0	0.8	0	2022-1	2022-1	2022-2	2022-1	0-0	80,138	16,028	64,111	64,111	-	25,652	5,130
2022	2	0.2	0.8	2022	1	0	0	0.8	0	2022-1	2022-1	2022-2	2022-1	0-0	74,596	14,919	59,677	59,677	-	29,262	5,852
2022	2	0.15	0.85	2022	1	0	0	0.85	0	2022-1	2022-1	2022-2	2022-1	0-0	65,163	9,774	55,389	55,389	-	28,922	4,338
2022	2	0.1	0.9	2022	1	0	0	0.9	0	2022-1	2022-1	2022-2	2022-1	0-0	52,680	5,268	47,412	47,412	-	28,467	2,847
2022	2	0.05	0.95	2022	1	0	0	0.95	0	2022-1	2022-1	2022-2	2022-1	0-0	44,870	2,244	42,627	42,627	-	28,219	1,411
2022	2	0	1	2022	1	0	0	1	0	2022-1	0-0	2022-2	2022-1	0-0	44,411	-	44,411	44,411	-	27,785	-
2022	2	0.05	0.95	2022	1	2022	2	1	0.05	2022-1	2022-3	2022-2	2022-1	0-0	73,871	3,694	70,177	73,871	3,694	26,370	1,318
2022	2	0.05	0.95	2022	1	2022	2	1	0.05	2022-1	2022-3	2022-2	2022-1	0-0	87,262	4,363	82,899	87,262	4,363	26,285	1,314
2022	2	0.05	0.95	2022	1	2022	2	1	0.05	2022-1	2022-3	2022-2	2022-1	0-0	68,388	3,419	64,969	68,388	3,419	28,873	1,444
2022	2	0.1	0.9	0	0	2022	2	0	0.1	2022-2	2022-3	2022-2	0-0	2022-2	44,127	4,413	39,715	-	4,413	27,866	2,787
2022	2	0.15	0.85	0	0	2022	2	0	0.15	2022-2	2022-3	2022-2	0-0	2022-2	42,332	6,350	35,982	-	6,350	29,321	4,398
2022	2	0.2	0.8	0	0	2022	2	0	0.2	2022-2	2022-3	2022-2	0-0	2022-2	41,960	8,392	33,568	-	8,392	30,742	6,148
2022	2	0.25	0.75	0	0	2022	2	0	0.25	2022-2	2022-3	2022-2	0-0	2022-2	41,531	10,383	31,148	-	10,383	30,800	7,700
2022	2	0.3	0.7	0	0	2022	2	0	0.3	2022-2	2022-3	2022-2	0-0	2022-2	43,001	12,900	30,100	-	12,900	24,885	7,465
2022	2	0.3	0.7	0	0	2022	2	0	0.3	2022-2	2022-3	2022-2	0-0	2022-2	51,526	15,458	36,068	-	15,458	24,293	7,288
2022	2	0.3	0.7	0	0	2022	2	0	0.3	2022-2	2022-3	2022-2	0-0	2022-2	52,068	15,621	36,448	-	15,621	28,194	8,458
2022	2	0.35	0.65	0	0	2022	2	0	0.35	2022-2	2022-3	2022-2	0-0	2022-2	58,671	20,535	38,136	-	20,535	28,844	10,095
2022	2	0.4	0.6	0	0	2022	2	0	0.4	2022-2	2022-3	2022-2	0-0	2022-2	56,796	22,718	34,077	-	22,718	29,207	11,683
2022	2	0.45	0.55	0	0	2022	2	0	0.45	2022-2	2022-3	2022-2	0-0	2022-2	53,461	24,058	29,404	-	24,058	29,081	13,087
2022	2	0.5	0.5	0	0	2022	2	0	0.5	2022-2	2022-3	2022-2	0-0	2022-2	44,517	22,258	22,258	-	22,258	28,375	14,187
2022	2	0.55	0.45	0	0	2022	2	0	0.55	2022-2	2022-3	2022-2	0-0	2022-2	41,495	22,822	18,673	-	22,822	25,997	14,299
2022	2	0.55	0.45	0	0	2022	2	0	0.55	2022-2	2022-3	2022-2	0-0	2022-2	41,430	22,787	18,644	-	22,787	23,833	13,108
2022	2	0.55	0.45	0	0	2022	2	0	0.55	2022-2	2022-3	2022-2	0-0	2022-2	54,280	29,854	24,426	-	29,854	28,072	15,440
2022	2	0.6	0.4	0	0	2022	2	0	0.6	2022-2	2022-3	2022-2	0-0	2022-2	50,294	30,176	20,118	-	30,176	28,527	17,116
2022	2	0.65	0.35	0	0	2022	2	0	0.65	2022-2	2022-3	2022-2	0-0	2022-2	43,022	27,964	15,058	-	27,964	29,872	19,417
2022	2	0.7	0.3	0	0	2022	2	0	0.7	2022-2	2022-3	2022-2	0-0	2022-2	43,170	30,219	12,951	-	30,219	31,289	21,903
2022	2	0.75	0.25	0	0	2022	2	0	0.75	2022-2	2022-3	2022-2	0-0	2022-2	43,057	32,293	10,764	-	32,293	31,491	23,618
2022	2	0.8	0.2	0	0	2022	2	0	0.8	2022-2	2022-3	2022-2	0-0	2022-2	39,215	31,372	7,843	-	31,372	25,754	20,603
2022	2	0.8	0.2	0	0	2022	2	0	0.8	2022-2	2022-3	2022-2	0-0	2022-2	41,191	32,953	8,238	-	32,953	23,961	19,168
2022	2	0.8	0.2	0	0	2022	2	0	0.8	2022-2	2022-3	2022-2	0-0	2022-2	41,594	33,275	8,319	-	33,275	29,401	23,521
2022	2	0.85	0.15	0	0	2022	2	0	0.85	2022-2	2022-3	2022-2	0-0	2022-2	42,053	35,745	6,308	-	35,745	30,582	25,995
2022	2	0.9	0.1	0	0	2022	2	0	0.9	2022-2	2022-3	2022-2	0-0	2022-2	42,813	38,532	4,281	-	38,532	31,157	28,041
2022	2	0.95	0.05	0	0	2022	2	0	0.95	2022-2	2022-3	2022-2	0-0	2022-2	42,778	40,639	2,139	-	40,639	31,112	29,556
0	0	1	0	0	0	2022	2	0	1	2022-2	2022-3	0-0	0-0	2022-2	42,617	42,617	-	-	42,617	31,291	31,291
0	0	1	0	0	0	2022	2	0	1	2022-2	2022-3	0-0	0-0	2022-2	44,899	44,899	-	-	44,899	28,325	28,325
0	0	1	0	0	0	2022	2	0	1	2022-2	2022-3	0-0	0-0	2022-2	45,911	45,911	-	-	45,911	26,889	26,889
0	0	1	0	0	0	2022	2	0	1	2022-2	2022-3	0-0	0-0	2022-2	40,046	40,046	-	-	40,046	29,053	29,053
2022	4	0.95	0.05	2022	3	0	0	0.05	0	2022-3	2022-3	2022-4	2022-3	0-0	36,124	34,318	1,806	1,806	-	29,014	27,563
2022	4	0.9	0.1	2022	3	0	0	0.1	0	2022-3	2022-3	2022-4	2022-3	0-0	36,899	33,209	3,690	3,690	-	29,746	26,771
2022	4	0.85	0.15	2022	3	0	0	0.15	0	2022-3	2022-3	2022-4	2022-3	0-0	40,642	34,546	6,096	6,096	-	31,159	26,485
2022	4	0.8	0.2	2022	3	0	0	0.2	0	2022-3	2022-3	2022-4	2022-3	0-0	43,844	35,075	8,769	8,769	-	32,119	25,695
2022	4	0.75	0.25	2022	3	0	0	0.25	0	2022-3	2022-3	2022-4	2022-3	0-0	47,764	35,823	11,941	11,941	-	29,457	22,093
2022	4	0.75	0.25	2022	3	0	0	0.25	0	2022-3	2022-3	2022-4	2022-3	0-0	52,108	39,081	13,027	13,027	-	29,129	21,847
2022	4	0.75	0.25	2022	3	0	0	0.25	0	2022-3	2022-3	2022-4	2022-3	0-0	51,601	38,701	12,900	12,900	-	33,309	24,982

2022	4	0.7	0.3	2022	3	0	0	0.3	0	2022-3	2022-3	2022-4	2022-3	0-0	51,069	35,748	15,321	15,321	-	33,567	23,497
2022	4	0.65	0.35	2022	3	0	0	0.35	0	2022-3	2022-3	2022-4	2022-3	0-0	51,196	33,277	17,919	17,919	-	33,869	22,015
2022	4	0.6	0.4	2022	3	0	0	0.4	0	2022-3	2022-3	2022-4	2022-3	0-0	47,766	28,659	19,106	19,106	-	32,736	19,642
2022	4	0.6	0.4	2022	3	0	0	0.4	0	2022-3	2022-3	2022-4	2022-3	0-0	50,873	30,524	20,349	20,349	-	34,154	20,492
2022	4	0.55	0.45	2022	3	0	0	0.45	0	2022-3	2022-3	2022-4	2022-3	0-0	39,422	21,682	17,740	17,740	-	26,291	14,460
2022	4	0.55	0.45	2022	3	0	0	0.45	0	2022-3	2022-3	2022-4	2022-3	0-0	47,445	26,095	21,350	21,350	-	25,063	13,785
2022	4	0.55	0.45	2022	3	0	0	0.45	0	2022-3	2022-3	2022-4	2022-3	0-0	46,598	25,629	20,969	20,969	-	28,701	15,785
2022	4	0.5	0.5	2022	3	0	0	0.5	0	2022-3	2022-3	2022-4	2022-3	0-0	43,747	21,873	21,873	21,873	-	31,678	15,839
2022	4	0.45	0.55	2022	3	0	0	0.55	0	2022-3	2022-3	2022-4	2022-3	0-0	44,553	20,049	24,504	24,504	-	32,023	14,410
2022	4	0.4	0.6	2022	3	0	0	0.6	0	2022-3	2022-3	2022-4	2022-3	0-0	43,731	17,493	26,239	26,239	-	31,749	12,700
2022	4	0.35	0.65	2022	3	0	0	0.65	0	2022-3	2022-3	2022-4	2022-3	0-0	47,273	16,546	30,728	30,728	-	33,146	11,601
2022	4	0.3	0.7	2022	3	0	0	0.7	0	2022-3	2022-3	2022-4	2022-3	0-0	52,355	15,706	36,648	36,648	-	30,787	9,236
2022	4	0.3	0.7	2022	3	0	0	0.7	0	2022-3	2022-3	2022-4	2022-3	0-0	48,496	14,549	33,947	33,947	-	27,672	8,302
2022	4	0.3	0.7	2022	3	0	0	0.7	0	2022-3	2022-3	2022-4	2022-3	0-0	41,390	12,417	28,973	28,973	-	30,192	9,058
2022	4	0.25	0.75	2022	3	0	0	0.75	0	2022-3	2022-3	2022-4	2022-3	0-0	46,291	11,573	34,718	34,718	-	32,577	8,144
2022	4	0.2	0.8	2022	3	0	0	0.8	0	2022-3	2022-3	2022-4	2022-3	0-0	51,720	10,344	41,376	41,376	-	34,234	6,847
2022	4	0.15	0.85	2022	3	0	0	0.85	0	2022-3	2022-3	2022-4	2022-3	0-0	45,943	6,891	39,051	39,051	-	32,060	4,809
2022	4	0.15	0.85	2022	3	0	0	0.85	0	2022-3	2022-3	2022-4	2022-3	0-0	38,770	5,816	32,955	32,955	-	30,258	4,539
2022	4	0.1	0.9	2022	3	0	0	0.9	0	2022-3	2022-3	2022-4	2022-3	0-0	38,805	3,881	34,925	34,925	-	26,835	2,683
2022	4	0.1	0.9	2022	3	0	0	0.9	0	2022-3	2022-3	2022-4	2022-3	0-0	42,154	4,215	37,939	37,939	-	26,323	2,632
2022	4	0.1	0.9	2022	3	0	0	0.9	0	2022-3	2022-3	2022-4	2022-3	0-0	43,391	4,339	39,052	39,052	-	31,117	3,112
2022	4	0.05	0.95	2022	3	0	0	0.95	0	2022-3	2022-3	2022-4	2022-3	0-0	45,927	2,296	43,631	43,631	-	32,278	1,614
2022	4	0	1	2022	3	0	0	1	0	2022-3	0-0	2022-4	2022-3	0-0	48,803	-	48,803	48,803	-	33,321	-
2022	4	0.05	0.95	2022	3	2022	4	1	0.05	2022-3	2022-5	2022-4	2022-3	0-0	53,064	2,653	50,411	53,064	2,653	34,604	1,730
2022	4	0.1	0.9	0	0	2022	4	0	0.1	2022-4	2022-5	2022-4	0-0	2022-4	49,654	4,965	44,689	-	4,965	34,395	3,440
2022	4	0.15	0.85	0	0	2022	4	0	0.15	2022-4	2022-5	2022-4	0-0	2022-4	42,788	6,418	36,370	-	6,418	28,526	4,279
2022	4	0.15	0.85	0	0	2022	4	0	0.15	2022-4	2022-5	2022-4	0-0	2022-4	42,686	6,403	36,283	-	6,403	26,240	3,936
2022	4	0.15	0.85	0	0	2022	4	0	0.15	2022-4	2022-5	2022-4	0-0	2022-4	44,299	6,645	37,654	-	6,645	31,293	4,694
2022	4	0.2	0.8	0	0	2022	4	0	0.2	2022-4	2022-5	2022-4	0-0	2022-4	55,362	11,072	44,290	-	11,072	35,281	7,056
2022	4	0.25	0.75	0	0	2022	4	0	0.25	2022-4	2022-5	2022-4	0-0	2022-4	60,362	15,091	45,272	-	15,091	37,473	9,368
2022	4	0.3	0.7	0	0	2022	4	0	0.3	2022-4	2022-5	2022-4	0-0	2022-4	50,949	15,285	35,664	-	15,285	34,899	10,470
2022	4	0.35	0.65	0	0	2022	4	0	0.35	2022-4	2022-5	2022-4	0-0	2022-4	36,737	12,858	23,879	-	12,858	29,627	10,370
2022	4	0.4	0.6	0	0	2022	4	0	0.4	2022-4	2022-5	2022-4	0-0	2022-4	36,352	14,541	21,811	-	14,541	24,632	9,853
2022	4	0.4	0.6	0	0	2022	4	0	0.4	2022-4	2022-5	2022-4	0-0	2022-4	38,005	15,202	22,803	-	15,202	23,313	9,325
2022	4	0.4	0.6	0	0	2022	4	0	0.4	2022-4	2022-5	2022-4	0-0	2022-4	38,984	15,593	23,390	-	15,593	28,861	11,544
2022	4	0.45	0.55	0	0	2022	4	0	0.45	2022-4	2022-5	2022-4	0-0	2022-4	45,479	20,466	25,014	-	20,466	32,080	14,436
2022	4	0.5	0.5	0	0	2022	4	0	0.5	2022-4	2022-5	2022-4	0-0	2022-4	49,191	24,596	24,596	-	24,596	33,783	16,892
2022	4	0.55	0.45	0	0	2022	4	0	0.55	2022-4	2022-5	2022-4	0-0	2022-4	54,283	29,856	24,427	-	29,856	35,449	19,497
2022	4	0.6	0.4	0	0	2022	4	0	0.6	2022-4	2022-5	2022-4	0-0	2022-4	53,711	32,227	21,484	-	32,227	35,577	21,346
2022	4	0.65	0.35	0	0	2022	4	0	0.65	2022-4	2022-5	2022-4	0-0	2022-4	55,265	35,922	19,343	-	35,922	32,375	21,044
2022	4	0.65	0.35	0	0	2022	4	0	0.65	2022-4	2022-5	2022-4	0-0	2022-4	59,038	38,375	20,663	-	38,375	31,836	20,693
2022	4	0.65	0.35	0	0	2022	4	0	0.65	2022-4	2022-5	2022-4	0-0	2022-4	55,977	36,385	19,592	-	36,385	35,422	23,024
2022	4	0.7	0.3	0	0	2022	4	0	0.7	2022-4	2022-5	2022-4	0-0	2022-4	45,053	31,537	13,516	-	31,537	32,688	22,881
2022	4	0.75	0.25	0	0	2022	4	0	0.75	2022-4	2022-5	2022-4	0-0	2022-4	41,525	31,144	10,381	-	31,144	31,499	23,624
2022	4	0.8	0.2	0	0	2022	4	0	0.8	2022-4	2022-5	2022-4	0-0	2022-4	49,419	39,535	9,884	-	39,535	33,710	26,968
2022	4	0.85	0.15	0	0	2022	4	0	0.85	2022-4	2022-5	2022-4	0-0	2022-4	48,351	41,099	7,253	-	41,099	33,801	28,731
2022	4	0.85	0.15	0	0	2022	4	0	0.85	2022-4	2022-5	2022-4	0-0	2022-4	52,019	44,216	7,803	-	44,216	31,206	26,525

2022	4	0.85	0.15	0	0	2022	4	0	0.85	2022-4	2022-5	2022-4	0-0	2022-4	56,405	47,944	8,461	-	47,944	30,930	26,291
2022	4	0.85	0.15	0	0	2022	4	0	0.85	2022-4	2022-5	2022-4	0-0	2022-4	55,293	46,999	8,294	-	46,999	35,117	29,849
2022	4	0.9	0.1	0	0	2022	4	0	0.9	2022-4	2022-5	2022-4	0-0	2022-4	53,664	48,298	5,366	-	48,298	35,208	31,687
2022	4	0.95	0.05	0	0	2022	4	0	0.95	2022-4	2022-5	2022-4	0-0	2022-4	55,517	52,741	2,776	-	52,741	35,974	34,175
0	0	1	0	0	0	2022	4	0	1	2022-4	2022-5	0-0	0-0	2022-4	53,753	53,753	-	-	53,753	35,539	35,539
0	0	1	0	0	0	2022	4	0	1	2022-4	2022-5	0-0	0-0	2022-4	49,352	49,352	-	-	49,352	34,267	34,267
2022	6	0.95	0.05	2022	5	2022	4	0.05	1	2022-4	2022-5	2022-6	0-0	2022-4	52,277	49,663	2,614	2,614	52,277	31,321	29,755
2022	6	0.95	0.05	2022	5	0	0	0.05	0	2022-5	2022-5	2022-6	2022-5	0-0	57,566	54,688	2,878	2,878	-	29,383	27,914
2022	6	0.95	0.05	2022	5	0	0	0.05	0	2022-5	2022-5	2022-6	2022-5	0-0	57,319	54,453	2,866	2,866	-	33,525	31,849
2022	6	0.9	0.1	2022	5	0	0	0.1	0	2022-5	2022-5	2022-6	2022-5	0-0	58,259	52,433	5,826	5,826	-	34,184	30,766
2022	6	0.85	0.15	2022	5	0	0	0.15	0	2022-5	2022-5	2022-6	2022-5	0-0	61,689	52,436	9,253	9,253	-	35,184	29,906
2022	6	0.8	0.2	2022	5	0	0	0.2	0	2022-5	2022-5	2022-6	2022-5	0-0	65,964	52,771	13,193	13,193	-	36,143	28,914
2022	6	0.75	0.25	2022	5	0	0	0.25	0	2022-5	2022-5	2022-6	2022-5	0-0	64,218	48,163	16,054	16,054	-	35,807	26,855
2022	6	0.7	0.3	2022	5	0	0	0.3	0	2022-5	2022-5	2022-6	2022-5	0-0	64,196	44,937	19,259	19,259	-	32,298	22,609
2022	6	0.7	0.3	2022	5	0	0	0.3	0	2022-5	2022-5	2022-6	2022-5	0-0	63,983	44,788	19,195	19,195	-	30,754	21,528
2022	6	0.7	0.3	2022	5	0	0	0.3	0	2022-5	2022-5	2022-6	2022-5	0-0	54,808	38,366	16,442	16,442	-	32,989	23,092
2022	6	0.65	0.35	2022	5	0	0	0.35	0	2022-5	2022-5	2022-6	2022-5	0-0	46,006	29,904	16,102	16,102	-	31,568	20,519
2022	6	0.6	0.4	2022	5	0	0	0.4	0	2022-5	2022-5	2022-6	2022-5	0-0	48,838	29,303	19,535	19,535	-	32,439	19,464
2022	6	0.55	0.45	2022	5	0	0	0.45	0	2022-5	2022-5	2022-6	2022-5	0-0	49,342	27,138	22,204	22,204	-	32,593	17,926
2022	6	0.5	0.5	2022	5	0	0	0.5	0	2022-5	2022-5	2022-6	2022-5	0-0	49,213	24,607	24,607	24,607	-	32,602	16,301
2022	6	0.45	0.55	2022	5	0	0	0.55	0	2022-5	2022-5	2022-6	2022-5	0-0	58,500	26,325	32,175	32,175	-	31,082	13,987
2022	6	0.45	0.55	2022	5	0	0	0.55	0	2022-5	2022-5	2022-6	2022-5	0-0	61,619	27,728	33,890	33,890	-	30,249	13,612
2022	6	0.45	0.55	2022	5	0	0	0.55	0	2022-5	2022-5	2022-6	2022-5	0-0	59,243	26,659	32,584	32,584	-	33,936	15,271
2022	6	0.4	0.6	2022	5	0	0	0.6	0	2022-5	2022-5	2022-6	2022-5	0-0	63,066	25,227	37,840	37,840	-	35,211	14,084
2022	6	0.35	0.65	2022	5	0	0	0.65	0	2022-5	2022-5	2022-6	2022-5	0-0	66,654	23,329	43,325	43,325	-	36,244	12,685
2022	6	0.3	0.7	2022	5	0	0	0.7	0	2022-5	2022-5	2022-6	2022-5	0-0	66,564	19,969	46,595	46,595	-	36,271	10,881
2022	6	0.25	0.75	2022	5	0	0	0.75	0	2022-5	2022-5	2022-6	2022-5	0-0	58,050	14,512	43,537	43,537	-	34,489	8,622
2022	6	0.2	0.8	2022	5	0	0	0.8	0	2022-5	2022-5	2022-6	2022-5	0-0	62,919	12,584	50,335	50,335	-	32,025	6,405
2022	6	0.2	0.8	2022	5	0	0	0.8	0	2022-5	2022-5	2022-6	2022-5	0-0	71,515	14,303	57,212	57,212	-	32,362	6,472
2022	6	0.2	0.8	2022	5	0	0	0.8	0	2022-5	2022-5	2022-6	2022-5	0-0	68,812	13,762	55,050	55,050	-	35,979	7,196
2022	6	0.15	0.85	2022	5	0	0	0.85	0	2022-5	2022-5	2022-6	2022-5	0-0	66,610	9,991	56,618	56,618	-	35,968	5,395
2022	6	0.1	0.9	2022	5	0	0	0.9	0	2022-5	2022-5	2022-6	2022-5	0-0	66,578	6,658	59,921	59,921	-	36,228	3,623
2022	6	0.05	0.95	2022	5	0	0	0.95	0	2022-5	2022-5	2022-6	2022-5	0-0	66,363	3,318	63,044	63,044	-	36,228	1,811
2022	6	0	1	2022	5	0	0	1	0	2022-5	0-0	2022-6	2022-5	0-0	65,178	-	65,178	65,178	-	36,012	-
2022	6	0	1	2022	5	0	0	1	0	2022-5	0-0	2022-6	2022-5	0-0	67,049	-	67,049	67,049	-	32,908	-
2022	6	0	1	2022	5	0	0	1	0	2022-5	0-0	2022-6	2022-5	0-0	68,158	-	68,158	68,158	-	30,800	-
2022	6	0	1	2022	5	0	0	1	0	2022-5	0-0	2022-6	2022-5	0-0	64,096	-	64,096	64,096	-	30,747	-
2022	6	0	1	2022	5	0	0	1	0	2022-5	0-0	2022-6	2022-5	0-0	63,800	-	63,800	63,800	-	35,368	-

BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2
32,352	-	5,709	9,554	1,433	8,121	-	1,433	10,247	1,537	8,710	-	1,537	53,448	8,017	45,431	-	8,017	35,797	5,370	30,427	-	5,370
30,188	-	7,547	9,453	1,891	7,562	-	1,891	10,132	2,026	8,106	-	2,026	55,562	11,112	44,449	-	11,112	36,526	7,305	29,221	-	7,305
28,471	-	9,490	9,616	2,404	7,212	-	2,404	10,153	2,538	7,615	-	2,538	58,118	14,529	43,588	-	14,529	37,192	9,298	27,894	-	9,298
26,151	-	11,208	9,374	2,812	6,562	-	2,812	9,743	2,923	6,820	-	2,923	60,099	18,030	42,069	-	18,030	37,460	11,238	26,222	-	11,238
23,025	-	12,398	7,894	2,763	5,131	-	2,763	8,190	2,866	5,323	-	2,866	63,603	22,261	41,342	-	22,261	34,569	12,099	22,470	-	12,099
23,118	-	12,448	7,259	2,541	4,718	-	2,541	8,146	2,851	5,295	-	2,851	62,543	21,890	40,653	-	21,890	32,853	11,499	21,355	-	11,499
25,415	-	13,685	9,192	3,217	5,975	-	3,217	10,430	3,651	6,780	-	3,651	58,480	20,468	38,012	-	20,468	36,250	12,688	23,563	-	12,688
23,802	-	15,868	9,654	3,862	5,793	-	3,862	10,550	4,220	6,330	-	4,220	59,808	23,923	35,885	-	23,923	37,128	14,851	22,277	-	14,851
21,781	-	17,820	9,569	4,306	5,263	-	4,306	10,484	4,718	5,766	-	4,718	61,132	27,509	33,623	-	27,509	37,652	16,944	20,709	-	16,944
20,162	-	20,162	9,763	4,882	4,882	-	4,882	10,598	5,299	5,299	-	5,299	63,104	31,552	31,552	-	31,552	38,079	19,040	19,040	-	19,040
18,213	-	22,261	9,568	5,262	4,306	-	5,262	10,330	5,681	4,648	-	5,681	63,630	34,997	28,634	-	34,997	38,171	20,994	17,177	-	20,994
14,666	-	21,999	7,972	4,783	3,189	-	4,783	8,382	5,029	3,353	-	5,029	66,366	39,820	26,547	-	39,820	35,125	21,075	14,050	-	21,075
13,871	-	20,807	7,204	4,322	2,881	-	4,322	8,018	4,811	3,207	-	4,811	72,586	43,552	29,034	-	43,552	34,875	20,925	13,950	-	20,925
15,098	-	22,648	9,108	5,465	3,643	-	5,465	10,175	6,105	4,070	-	6,105	70,459	42,275	28,183	-	42,275	38,777	23,266	15,511	-	23,266
13,385	-	24,859	9,566	6,218	3,348	-	6,218	10,282	6,683	3,599	-	6,683	70,497	45,823	24,674	-	45,823	39,279	25,531	13,748	-	25,531
11,173	-	26,069	9,422	6,596	2,827	-	6,596	10,040	7,028	3,012	-	7,028	73,841	51,689	22,152	-	51,689	40,210	28,147	12,063	-	28,147
9,467	-	28,401	9,611	7,208	2,403	-	7,208	10,136	7,602	2,534	-	7,602	71,918	53,939	17,980	-	53,939	39,944	29,958	9,986	-	29,958
7,735	-	30,939	9,456	7,565	1,891	-	7,565	9,991	7,993	1,998	-	7,993	65,825	52,660	13,165	-	52,660	38,546	30,837	7,709	-	30,837
5,572	-	31,573	8,002	6,801	1,200	-	6,801	8,456	7,188	1,268	-	7,188	68,771	58,456	10,316	-	58,456	35,609	30,268	5,341	-	30,268
5,415	-	30,684	7,292	6,198	1,094	-	6,198	8,223	6,989	1,233	-	6,989	76,253	64,815	11,438	-	64,815	35,613	30,271	5,342	-	30,271
5,827	-	33,018	9,177	7,800	1,376	-	7,800	10,382	8,825	1,557	-	8,825	75,533	64,203	11,330	-	64,203	39,798	33,828	5,970	-	33,828
3,789	-	34,104	9,544	8,589	954	-	8,589	10,216	9,194	1,022	-	9,194	75,960	68,364	7,596	-	68,364	40,378	36,341	4,038	-	36,341
1,891	-	35,929	9,458	8,985	473	-	8,985	10,148	9,641	507	-	9,641	71,539	67,962	3,577	-	67,962	39,656	37,673	1,983	-	37,673
-	-	37,741	9,603	9,603	-	-	9,603	10,112	10,112	-	-	10,112	68,741	68,741	-	-	68,741	39,090	39,090	-	-	39,090
-	-	36,864	9,343	9,343	-	-	9,343	9,650	9,650	-	-	9,650	69,733	69,733	-	-	69,733	39,399	39,399	-	-	39,399
1,737	1,737	34,747	7,852	7,460	393	393	7,852	8,085	7,681	404	404	8,085	67,921	64,525	3,396	3,396	67,921	35,505	33,730	1,775	1,775	35,505
1,755	1,755	35,096	7,230	6,868	361	361	7,230	8,078	7,674	404	404	8,078	68,703	65,268	3,435	3,435	68,703	34,093	32,388	1,705	1,705	34,093
1,936	1,936	38,722	9,169	8,711	458	458	9,169	10,359	9,841	518	518	10,359	68,715	65,279	3,436	3,436	68,715	38,488	36,564	1,924	1,924	38,488
3,747	3,747	37,474	9,518	8,566	952	952	9,518	10,137	9,123	1,014	1,014	10,137	68,440	61,596	6,844	6,844	68,440	38,927	35,034	3,893	3,893	38,927
5,554	5,554	37,029	9,409	7,998	1,411	1,411	9,409	9,999	8,499	1,500	1,500	9,999	63,393	53,884	9,509	9,509	63,393	38,107	32,391	5,716	5,716	38,107
7,204	7,204	-	9,607	7,685	1,921	1,921	-	9,022	7,217	1,804	1,804	-	56,966	45,573	11,393	11,393	-	35,072	28,058	7,014	7,014	-
8,867	8,867	-	9,161	6,871	2,290	2,290	-	8,486	6,365	2,122	2,122	-	60,020	45,015	15,005	15,005	-	35,039	26,279	8,760	8,760	-
9,274	9,274	-	7,461	5,223	2,238	2,238	-	6,483	4,538	1,945	1,945	-	70,901	49,631	21,270	21,270	-	33,626	23,538	10,088	10,088	-
9,329	9,329	-	6,677	4,674	2,003	2,003	-	6,320	4,424	1,896	1,896	-	67,070	46,949	20,121	20,121	-	30,707	21,495	9,212	9,212	-
9,819	9,819	-	7,814	5,470	2,344	2,344	-	7,763	5,434	2,329	2,329	-	68,460	47,922	20,538	20,538	-	32,951	23,065	9,885	9,885	-
10,796	10,796	-	9,533	6,673	2,860	2,860	-	9,081	6,357	2,724	2,724	-	70,930	49,651	21,279	21,279	-	37,993	26,595	11,398	11,398	-
13,037	13,037	-	9,522	6,190	3,333	3,333	-	9,240	6,006	3,234	3,234	-	62,992	40,945	22,047	22,047	-	36,432	23,681	12,751	12,751	-
14,917	14,917	-	9,675	5,805	3,870	3,870	-	9,228	5,537	3,691	3,691	-	70,335	42,201	28,134	28,134	-	38,130	22,878	15,252	15,252	-
17,096	17,096	-	9,506	5,228	4,278	4,278	-	9,039	4,972	4,068	4,068	-	70,923	39,008	31,915	31,915	-	38,275	21,051	17,224	17,224	-
17,287	17,287	-	7,936	3,968	3,968	3,968	-	7,191	3,595	3,595	3,595	-	75,821	37,911	37,911	37,911	-	35,741	17,871	17,871	17,871	-
16,488	16,488	-	7,196	3,598	3,598	3,598	-	6,898	3,449	3,449	3,449	-	69,743	34,872	34,872	34,872	-	32,804	16,402	16,402	16,402	-
17,824	17,824	-	9,086	4,543	4,543	4,543	-	9,005	4,503	4,503	4,503	-	62,106	31,053	31,053	31,053	-	35,456	17,728	17,728	17,728	-
20,580	20,580	-	9,610	4,325	5,286	5,286	-	9,313	4,191	5,122	5,122	-	58,763	26,443	32,320	32,320	-	35,210	15,845	19,366	19,366	-
22,171	22,171	-	9,507	3,803	5,704	5,704	-	9,191	3,677	5,515	5,515	-	68,744	27,498	41,246	41,246	-	37,748	15,099	22,649	22,649	-
25,257	25,257	-	9,759	3,416	6,343	6,343	-	9,481	3,319	6,163	6,163	-	62,593	21,908	40,686	40,686	-	36,360	12,726	23,634	23,634	-

27,478	27,478	-	9,573	2,872	6,701	6,701	-	9,244	2,773	6,471	6,471	-	64,618	19,385	45,232	45,232	-	36,833	11,050	25,783	25,783	-
27,100	27,100	-	8,020	2,005	6,015	6,015	-	7,398	1,850	5,549	5,549	-	75,324	18,831	56,493	56,493	-	35,628	8,907	26,721	26,721	-
25,719	25,719	-	7,267	1,817	5,450	5,450	-	7,061	1,765	5,295	5,295	-	73,997	18,499	55,498	55,498	-	33,777	8,444	25,333	25,333	-
28,306	28,306	-	9,198	2,300	6,899	6,899	-	9,344	2,336	7,008	7,008	-	71,111	17,778	53,333	53,333	-	37,516	9,379	28,137	28,137	-
30,621	30,621	-	9,656	1,931	7,725	7,725	-	9,452	1,890	7,562	7,562	-	73,020	14,604	58,416	58,416	-	38,471	7,694	30,777	30,777	-
33,235	33,235	-	9,622	1,443	8,178	8,178	-	9,539	1,431	8,108	8,108	-	72,715	10,907	61,807	61,807	-	38,656	5,798	32,857	32,857	-
36,366	36,366	-	9,842	984	8,858	8,858	-	9,732	973	8,759	8,759	-	64,853	6,485	58,368	58,368	-	36,876	3,688	33,189	33,189	-
37,402	37,402	-	9,580	479	9,101	9,101	-	9,263	463	8,799	8,799	-	65,352	3,268	62,084	62,084	-	37,001	1,850	35,151	35,151	-
36,370	36,370	-	8,032	-	8,032	8,032	-	7,430	-	7,430	7,430	-	68,611	-	68,611	68,611	-	34,092	-	34,092	34,092	-
35,568	35,568	-	7,335	-	7,335	7,335	-	7,218	-	7,218	7,218	-	75,403	-	75,403	75,403	-	34,098	-	34,098	34,098	-
39,380	39,380	-	9,286	-	9,286	9,286	-	9,610	-	9,610	9,610	-	75,531	-	75,531	75,531	-	38,527	-	38,527	38,527	-
38,098	38,098	-	9,646	-	9,646	9,646	-	9,423	-	9,423	9,423	-	77,250	-	77,250	77,250	-	39,439	-	39,439	39,439	-
35,621	37,495	1,875	9,536	477	9,059	9,536	477	9,279	464	8,815	9,279	464	78,882	3,944	74,938	78,882	3,944	40,067	2,003	38,063	40,067	2,003
33,577	37,307	3,731	9,676	968	8,708	9,676	968	9,230	923	8,307	9,230	923	76,731	7,673	69,058	76,731	7,673	39,593	3,959	35,634	39,593	3,959
33,293	39,169	5,875	9,569	1,435	8,133	9,569	1,435	9,230	1,384	7,845	9,230	1,384	74,902	11,235	63,667	74,902	11,235	39,186	5,878	33,308	39,186	5,878
30,110	37,637	7,527	8,100	1,620	6,480	8,100	1,620	7,598	1,520	6,079	7,598	1,520	69,821	13,964	55,857	69,821	13,964	34,369	6,874	27,495	34,369	6,874
31,472	-	7,868	7,342	1,468	5,874	-	1,468	7,994	1,599	6,395	-	1,599	59,639	11,928	47,712	-	11,928	33,462	6,692	26,769	-	6,692
33,526	-	8,381	9,237	1,847	7,390	-	1,847	10,221	2,044	8,177	-	2,044	60,707	12,141	48,566	-	12,141	38,244	7,649	30,596	-	7,649
29,408	-	9,803	9,548	2,387	7,161	-	2,387	9,883	2,471	7,412	-	2,471	61,043	15,261	45,782	-	15,261	38,882	9,721	29,162	-	9,721
27,176	-	11,647	9,454	2,836	6,618	-	2,836	9,791	2,937	6,854	-	2,937	68,992	20,698	48,294	-	20,698	41,235	12,370	28,864	-	12,370
25,767	-	13,874	9,642	3,375	6,267	-	3,375	9,887	3,460	6,426	-	3,460	72,754	25,464	47,290	-	25,464	42,233	14,782	27,451	-	14,782
25,367	-	16,912	9,553	3,821	5,732	-	3,821	9,940	3,976	5,964	-	3,976	76,718	30,687	46,031	-	30,687	43,325	17,330	25,995	-	17,330
21,110	-	17,272	7,964	3,584	4,380	-	3,584	8,017	3,608	4,409	-	3,608	74,429	33,493	40,936	-	33,493	38,989	17,545	21,444	-	17,545
20,941	-	17,133	7,285	3,278	4,007	-	3,278	7,862	3,538	4,324	-	3,538	73,733	33,180	40,553	-	33,180	37,199	16,740	20,460	-	16,740
23,055	-	18,863	9,238	4,157	5,081	-	4,157	10,222	4,600	5,622	-	4,600	65,406	29,433	35,974	-	29,433	39,487	17,769	21,718	-	17,769
20,870	-	20,870	9,662	4,831	4,831	-	4,831	10,228	5,114	5,114	-	5,114	69,372	34,686	34,686	-	34,686	41,085	20,543	20,543	-	20,543
18,976	-	23,193	9,605	5,283	4,322	-	5,283	10,247	5,636	4,611	-	5,636	74,406	40,923	33,483	-	40,923	42,666	23,466	19,200	-	23,466
16,917	-	25,375	9,762	5,857	3,905	-	5,857	10,248	6,149	4,099	-	6,149	70,436	42,262	28,175	-	42,262	41,620	24,972	16,648	-	24,972
14,402	-	26,746	9,502	6,176	3,326	-	6,176	9,785	6,360	3,425	-	6,360	73,250	47,612	25,637	-	47,612	42,408	27,565	14,843	-	27,565
11,062	-	25,812	7,896	5,527	2,369	-	5,527	7,848	5,494	2,354	-	5,494	69,471	48,629	20,841	-	48,629	37,678	26,374	11,303	-	26,374
10,721	-	25,015	7,180	5,026	2,154	-	5,026	7,618	5,333	2,286	-	5,333	71,854	50,298	21,556	-	50,298	36,702	25,692	11,011	-	25,692
12,261	-	28,609	9,191	6,433	2,757	-	6,433	10,080	7,056	3,024	-	7,056	72,527	50,769	21,758	-	50,769	41,370	28,959	12,411	-	28,959
10,790	-	32,369	9,726	7,294	2,431	-	7,294	10,421	7,816	2,605	-	7,816	75,039	56,279	18,760	-	56,279	42,584	31,938	10,646	-	31,938
8,721	-	34,886	9,670	7,736	1,934	-	7,736	10,443	8,355	2,089	-	8,355	73,256	58,605	14,651	-	58,605	42,362	33,890	8,472	-	33,890
6,602	-	37,410	9,839	8,363	1,476	-	8,363	10,483	8,910	1,572	-	8,910	76,502	65,027	11,475	-	65,027	43,224	36,741	6,484	-	36,741
4,334	-	39,005	9,601	8,641	960	-	8,641	10,084	9,076	1,008	-	9,076	70,728	63,655	7,073	-	63,655	41,741	37,567	4,174	-	37,567
2,010	-	38,183	8,045	7,643	402	-	7,643	8,220	7,809	411	-	7,809	72,481	68,857	3,624	-	68,857	38,474	36,550	1,924	-	36,550
1,946	-	36,973	7,324	6,957	366	-	6,957	7,950	7,553	398	-	7,553	70,519	66,993	3,526	-	66,993	36,349	34,532	1,817	-	34,532
2,086	-	39,630	9,229	8,767	461	-	8,767	10,195	9,685	510	-	9,685	66,940	63,593	3,347	-	63,593	39,893	37,898	1,995	-	37,898
-	-	41,140	9,635	9,635	-	-	9,635	10,146	10,146	-	-	10,146	62,809	62,809	-	-	62,809	39,350	39,350	-	-	39,350
-	-	42,143	9,604	9,604	-	-	9,604	10,244	10,244	-	-	10,244	65,085	65,085	-	-	65,085	40,201	40,201	-	-	40,201
2,035	2,035	40,708	9,690	9,206	485	485	9,690	10,032	9,531	502	502	10,032	66,101	62,796	3,305	3,305	66,101	40,473	38,450	2,024	2,024	40,473
4,062	4,062	40,619	9,478	8,530	948	948	9,478	9,713	8,742	971	971	9,713	63,505	57,155	6,351	6,351	63,505	39,831	35,848	3,983	3,983	39,831
5,846	5,846	38,975	7,990	6,792	1,199	1,199	7,990	8,084	6,871	1,213	1,213	8,084	69,866	59,386	10,480	10,480	69,866	37,782	32,115	5,667	5,667	37,782
5,782	5,782	38,548	7,307	6,211	1,096	1,096	7,307	7,911	6,725	1,187	1,187	7,911	69,947	59,455	10,492	10,492	69,947	36,198	30,768	5,430	5,430	36,198
6,318	6,318	42,120	9,247	7,860	1,387	1,387	9,247	10,250	8,713	1,538	1,538	10,250	62,896	53,461	9,434	9,434	62,896	38,823	33,000	5,823	5,823	38,823
8,468	8,468	42,342	9,689	7,751	1,938	1,938	9,689	10,310	8,248	2,062	2,062	10,310	58,410	46,728	11,682	11,682	58,410	38,186	30,549	7,637	7,637	38,186

9,127	9,127	-	9,449	7,087	2,362	2,362	-	10,209	7,657	2,552	2,552	-	72,334	54,251	18,084	18,084	-	38,775	29,082	9,694	9,694	-
11,339	11,339	-	9,687	6,781	2,906	2,906	-	10,457	7,320	3,137	3,137	-	70,599	49,419	21,180	21,180	-	38,514	26,960	11,554	11,554	-
13,248	13,248	-	9,488	6,167	3,321	3,321	-	10,177	6,615	3,562	3,562	-	70,688	45,947	24,741	24,741	-	38,490	25,019	13,472	13,472	-
13,936	13,936	-	7,942	4,765	3,177	3,177	-	8,399	5,039	3,360	3,360	-	71,124	42,674	28,450	28,450	-	35,028	21,017	14,011	14,011	-
13,176	13,176	-	6,991	4,195	2,796	2,796	-	7,757	4,654	3,103	3,103	-	70,929	42,558	28,372	28,372	-	32,683	19,610	13,073	13,073	-
13,387	13,387	-	7,980	4,788	3,192	3,192	-	8,421	5,053	3,368	3,368	-	66,027	39,616	26,411	26,411	-	32,680	19,608	13,072	13,072	-
15,062	15,062	-	9,612	5,767	3,845	3,845	-	10,512	6,307	4,205	4,205	-	63,279	37,968	25,312	25,312	-	36,935	22,161	14,774	14,774	-
17,039	17,039	-	9,544	5,249	4,295	4,295	-	10,496	5,773	4,723	4,723	-	63,171	34,744	28,427	28,427	-	37,178	20,448	16,730	16,730	-
18,680	18,680	-	9,657	4,828	4,828	4,828	-	10,365	5,183	5,183	5,183	-	65,156	32,578	32,578	32,578	-	37,565	18,783	18,783	18,783	-
20,534	20,534	-	9,451	4,253	5,198	5,198	-	10,068	4,530	5,537	5,537	-	66,703	30,017	36,687	36,687	-	37,796	17,008	20,788	20,788	-
20,297	20,297	-	7,872	3,149	4,723	4,723	-	8,223	3,289	4,934	4,934	-	68,185	27,274	40,911	40,911	-	34,547	13,819	20,728	20,728	-
20,219	20,219	-	7,227	2,891	4,336	4,336	-	8,163	3,265	4,898	4,898	-	67,694	27,077	40,616	40,616	-	32,971	13,188	19,783	19,783	-
22,594	22,594	-	9,188	3,675	5,513	5,513	-	10,507	4,203	6,304	6,304	-	66,603	26,641	39,962	39,962	-	37,087	14,835	22,252	22,252	-
23,910	23,910	-	9,551	3,343	6,208	6,208	-	10,328	3,615	6,713	6,713	-	65,826	23,039	42,787	42,787	-	37,335	13,067	24,268	24,268	-
26,252	26,252	-	9,518	2,856	6,663	6,663	-	10,420	3,126	7,294	7,294	-	68,922	20,677	48,246	48,246	-	38,180	11,454	26,726	26,726	-
27,849	27,849	-	9,641	2,410	7,230	7,230	-	10,317	2,579	7,738	7,738	-	68,667	17,167	51,500	51,500	-	38,177	9,544	28,633	28,633	-
29,257	29,257	-	9,398	1,880	7,518	7,518	-	9,906	1,981	7,925	7,925	-	66,122	13,224	52,898	52,898	-	37,663	7,533	30,130	30,130	-
28,692	28,692	-	7,867	1,180	6,687	6,687	-	8,210	1,232	6,979	6,979	-	65,479	9,822	55,657	55,657	-	34,043	5,106	28,937	28,937	-
27,715	27,715	-	7,151	1,073	6,078	6,078	-	7,986	1,198	6,788	6,788	-	64,611	9,692	54,919	54,919	-	32,433	4,865	27,568	27,568	-
30,706	30,706	-	9,081	1,362	7,719	7,719	-	10,183	1,527	8,655	8,655	-	60,658	9,099	51,559	51,559	-	36,004	5,401	30,603	30,603	-
32,953	32,953	-	9,539	954	8,585	8,585	-	10,292	1,029	9,263	9,263	-	62,521	6,252	56,269	56,269	-	36,802	3,680	33,122	33,122	-
35,482	35,482	-	9,508	475	9,032	9,032	-	10,387	519	9,868	9,868	-	61,902	3,095	58,807	58,807	-	36,956	1,848	35,109	35,109	-
36,857	36,857	-	9,621	-	9,621	9,621	-	10,259	-	10,259	10,259	-	61,119	-	61,119	61,119	-	36,861	-	36,861	36,861	-
36,949	36,949	-	9,425	-	9,425	9,425	-	9,986	-	9,986	9,986	-	58,606	-	58,606	58,606	-	36,371	-	36,371	36,371	-
32,623	34,340	1,717	7,908	395	7,512	7,908	395	8,312	416	7,896	8,312	416	58,506	2,925	55,581	58,506	2,925	32,812	1,641	31,172	32,812	1,641
31,089	32,726	1,636	7,159	358	6,801	7,159	358	8,005	400	7,605	8,005	400	57,410	2,870	54,539	57,410	2,870	31,149	1,557	29,592	31,149	1,557
34,297	36,102	1,805	9,080	454	8,626	9,080	454	10,178	509	9,669	10,178	509	58,689	2,934	55,755	58,689	2,934	35,650	1,782	33,867	35,650	1,782
32,580	36,200	3,620	9,510	951	8,559	9,510	951	10,204	1,020	9,184	10,204	1,020	55,482	5,548	49,934	55,482	5,548	35,548	3,555	31,993	35,548	3,555
30,916	36,371	5,456	9,439	1,416	8,023	9,439	1,416	10,180	1,527	8,653	10,180	1,527	52,318	7,848	44,471	52,318	7,848	35,227	5,284	29,943	35,227	5,284
29,762	37,203	7,441	9,646	1,929	7,717	9,646	1,929	10,332	2,066	8,265	10,332	2,066	50,149	10,030	40,120	50,149	10,030	34,776	6,955	27,821	34,776	6,955
28,019	-	9,340	9,362	2,341	7,022	-	2,341	9,553	2,388	7,165	-	2,388	58,801	14,700	44,101	-	14,700	36,758	9,189	27,568	-	9,189
24,300	-	10,414	7,838	2,351	5,487	-	2,351	7,863	2,359	5,504	-	2,359	62,296	18,689	43,607	-	18,689	33,801	10,140	23,661	-	10,140
22,817	-	9,779	7,063	2,119	4,944	-	2,119	7,477	2,243	5,234	-	2,243	63,144	18,943	44,201	-	18,943	33,167	9,950	23,217	-	9,950
25,504	-	10,930	9,016	2,705	6,311	-	2,705	9,731	2,919	6,812	-	2,919	60,412	18,124	42,288	-	18,124	36,642	10,993	25,649	-	10,993
23,882	-	12,859	9,461	3,311	6,150	-	3,311	9,801	3,430	6,371	-	3,430	56,258	19,690	36,567	-	19,690	35,923	12,573	23,350	-	12,573
22,811	-	15,207	9,458	3,783	5,675	-	3,783	10,005	4,002	6,003	-	4,002	55,674	22,269	33,404	-	22,269	36,236	14,494	21,741	-	14,494
21,247	-	17,384	9,645	4,340	5,305	-	4,340	10,108	4,549	5,559	-	4,549	55,774	25,098	30,676	-	25,098	36,631	16,484	20,147	-	16,484
18,647	-	18,647	9,358	4,679	4,679	-	4,679	9,539	4,770	4,770	-	4,770	55,438	27,719	27,719	-	27,719	36,410	18,205	18,205	-	18,205
15,192	-	18,567	7,780	4,279	3,501	-	4,279	7,701	4,236	3,465	-	4,236	56,733	31,203	25,530	-	31,203	32,758	18,017	14,741	-	18,017
14,456	-	17,669	7,035	3,869	3,166	-	3,869	7,403	4,072	3,331	-	4,072	56,864	31,275	25,589	-	31,275	31,407	17,274	14,133	-	17,274
15,895	-	19,427	8,948	4,922	4,027	-	4,922	9,502	5,226	4,276	-	5,226	53,904	29,647	24,257	-	29,647	35,134	19,324	15,810	-	19,324
14,914	-	22,370	9,494	5,697	3,798	-	5,697	9,913	5,948	3,965	-	5,948	51,394	30,836	20,558	-	30,836	35,088	21,053	14,035	-	21,053
13,112	-	24,351	9,425	6,126	3,299	-	6,126	9,891	6,429	3,462	-	6,429	52,578	34,176	18,402	-	34,176	35,600	23,140	12,460	-	23,140
11,315	-	26,402	9,589	6,713	2,877	-	6,713	9,920	6,944	2,976	-	6,944	51,971	36,380	15,591	-	36,380	35,463	24,824	10,639	-	24,824
9,387	-	28,160	9,374	7,030	2,343	-	7,030	9,591	7,194	2,398	-	7,194	50,034	37,526	12,509	-	37,526	35,036	26,277	8,759	-	26,277
6,789	-	27,154	7,791	6,233	1,558	-	6,233	7,732	6,186	1,546	-	6,186	50,793	40,634	10,159	-	40,634	31,379	25,103	6,276	-	25,103
6,032	-	24,129	6,916	5,532	1,383	-	5,532	7,094	5,675	1,419	-	5,675	49,096	39,277	9,819	-	39,277	29,425	23,540	5,885	-	23,540

6,451	-	25,803	8,762	7,010	1,752	-	7,010	8,870	7,096	1,774	-	7,096	47,458	37,966	9,492	-	37,966	33,272	26,618	6,654	-	26,618
5,107	-	28,939	9,298	7,903	1,395	-	7,903	9,246	7,859	1,387	-	7,859	47,732	40,572	7,160	-	40,572	33,831	28,757	5,075	-	28,757
3,472	-	31,251	9,258	8,333	926	-	8,333	9,327	8,394	933	-	8,394	49,296	44,366	4,930	-	44,366	34,868	31,382	3,487	-	31,382
1,778	-	33,781	9,458	8,985	473	-	8,985	9,475	9,002	474	-	9,002	48,541	46,114	2,427	-	46,114	34,816	33,075	1,741	-	33,075
-	-	35,910	9,274	9,274	-	-	9,274	9,255	9,255	-	-	9,255	47,705	47,705	-	-	47,705	34,430	34,430	-	-	34,430
-	-	32,930	7,730	7,730	-	-	7,730	7,561	7,561	-	-	7,561	46,393	46,393	-	-	46,393	30,185	30,185	-	-	30,185
-	-	31,623	7,004	7,004	-	-	7,004	7,324	7,324	-	-	7,324	45,145	45,145	-	-	45,145	28,159	28,159	-	-	28,159
-	-	36,112	8,996	8,996	-	-	8,996	9,665	9,665	-	-	9,665	44,684	44,684	-	-	44,684	32,312	32,312	-	-	32,312
1,789	1,789	35,777	9,403	8,933	470	470	9,403	9,603	9,123	480	480	9,603	42,956	40,809	2,148	2,148	42,956	32,457	30,835	1,623	1,623	32,457
3,303	3,303	33,028	9,155	8,240	916	916	9,155	8,978	8,080	898	898	8,978	40,985	36,886	4,098	4,098	40,985	31,997	28,798	3,200	3,200	31,997
5,283	5,283	35,222	9,438	8,022	1,416	1,416	9,438	9,406	7,995	1,411	1,411	9,406	40,543	34,462	6,082	6,082	40,543	31,857	27,079	4,779	4,779	31,857
6,734	6,734	33,670	9,139	7,311	1,828	1,828	9,139	8,794	7,035	1,759	1,759	8,794	36,186	28,949	7,237	7,237	36,186	30,534	24,427	6,107	6,107	30,534
6,939	6,939	27,754	7,359	5,520	1,840	1,840	7,359	6,529	4,897	1,632	1,632	6,529	40,517	30,388	10,129	10,129	40,517	28,094	21,071	7,024	7,024	28,094
6,633	6,633	26,532	6,635	4,976	1,659	1,659	6,635	6,367	4,776	1,592	1,592	6,367	40,816	30,612	10,204	10,204	40,816	26,448	19,836	6,612	6,612	26,448
7,534	7,534	-	8,551	6,413	2,138	2,138	-	9,113	6,835	2,278	2,278	-	52,365	39,273	13,091	13,091	-	34,548	25,911	8,637	8,637	-
9,914	9,914	-	9,197	6,438	2,759	2,759	-	9,865	6,905	2,959	2,959	-	50,950	35,665	15,285	15,285	-	34,389	24,073	10,317	10,317	-
11,809	11,809	-	9,165	5,958	3,208	3,208	-	9,972	6,482	3,490	3,490	-	47,335	30,768	16,567	16,567	-	33,575	21,824	11,751	11,751	-
13,224	13,224	-	9,260	5,556	3,704	3,704	-	9,763	5,858	3,905	3,905	-	48,923	29,354	19,569	19,569	-	34,263	20,558	13,705	13,705	-
13,877	13,877	-	8,887	4,888	3,999	3,999	-	8,899	4,894	4,004	4,004	-	49,023	26,962	22,060	22,060	-	34,281	18,854	15,426	15,426	-
12,899	12,899	-	7,186	3,593	3,593	3,593	-	7,288	3,644	3,644	3,644	-	49,684	24,842	24,842	24,842	-	30,608	15,304	15,304	15,304	-
12,312	12,312	-	6,468	3,234	3,234	3,234	-	7,159	3,579	3,579	3,579	-	49,430	24,715	24,715	24,715	-	28,920	14,460	14,460	14,460	-
14,489	14,489	-	8,461	4,230	4,230	4,230	-	9,014	4,507	4,507	4,507	-	46,009	23,005	23,005	23,005	-	32,549	16,274	16,274	16,274	-
16,872	16,872	-	9,014	4,056	4,958	4,958	-	9,243	4,159	5,084	5,084	-	44,695	20,113	24,582	24,582	-	32,522	14,635	17,887	17,887	-
17,462	17,462	-	9,012	4,055	4,956	4,956	-	9,450	4,252	5,197	5,197	-	43,036	19,366	23,670	23,670	-	32,437	14,597	17,840	17,840	-
20,239	20,239	-	9,312	3,725	5,587	5,587	-	9,940	3,976	5,964	5,964	-	43,267	17,307	25,960	25,960	-	32,680	13,072	19,608	19,608	-
21,623	21,623	-	9,074	3,176	5,898	5,898	-	9,536	3,338	6,198	6,198	-	43,183	15,114	28,069	28,069	-	32,896	11,514	21,382	21,382	-
19,750	19,750	-	7,372	2,212	5,161	5,161	-	7,525	2,258	5,268	5,268	-	43,706	13,112	30,594	30,594	-	28,994	8,698	20,296	20,296	-
17,237	17,237	-	6,468	1,940	4,528	4,528	-	7,159	2,148	5,011	5,011	-	43,623	13,087	30,536	30,536	-	27,598	8,280	19,319	19,319	-
19,912	19,912	-	8,420	2,526	5,894	5,894	-	9,014	2,704	6,310	6,310	-	39,475	11,842	27,632	27,632	-	30,874	9,262	21,612	21,612	-
22,427	22,427	-	8,954	2,238	6,715	6,715	-	9,088	2,272	6,816	6,816	-	37,957	9,489	28,468	28,468	-	30,212	7,553	22,659	22,659	-
25,709	25,709	-	9,041	1,808	7,233	7,233	-	9,551	1,910	7,641	7,641	-	39,039	7,808	31,231	31,231	-	29,932	5,986	23,946	23,946	-
28,092	28,092	-	9,259	1,389	7,871	7,871	-	9,761	1,464	8,297	8,297	-	38,287	5,743	32,544	32,544	-	29,549	4,432	25,117	25,117	-
30,041	30,041	-	9,083	908	8,175	8,175	-	9,565	957	8,609	8,609	-	37,755	3,775	33,979	33,979	-	30,842	3,084	27,757	27,757	-
27,541	27,541	-	7,433	372	7,061	7,061	-	7,693	385	7,308	7,308	-	40,974	2,049	38,925	38,925	-	27,489	1,374	26,115	26,115	-
27,506	27,506	-	6,803	340	6,463	6,463	-	7,763	388	7,375	7,375	-	44,807	2,240	42,567	42,567	-	27,336	1,367	25,969	25,969	-
29,831	29,831	-	8,648	432	8,216	8,216	-	9,444	472	8,972	8,972	-	42,218	2,111	40,107	40,107	-	30,699	1,535	29,164	29,164	-
28,766	28,766	-	8,866	-	8,866	8,866	-	9,088	-	9,088	9,088	-	44,545	-	44,545	44,545	-	30,858	-	30,858	30,858	-
27,599	29,051	1,453	8,803	440	8,363	8,803	440	9,088	454	8,633	9,088	454	40,441	2,022	38,419	40,441	2,022	29,559	1,478	28,081	29,559	1,478
21,395	23,773	2,377	6,437	644	5,793	6,437	644	7,823	782	7,040	7,823	782	41,755	4,175	37,579	41,755	4,175	23,839	2,384	21,455	23,839	2,384
24,966	27,741	2,774	6,560	656	5,904	6,560	656	7,406	741	6,666	7,406	741	37,494	3,749	33,744	37,494	3,749	27,357	2,736	24,621	27,357	2,736
22,740	25,267	2,527	6,727	673	6,054	6,727	673	7,013	701	6,312	7,013	701	41,340	4,134	37,206	41,340	4,134	25,295	2,530	22,766	25,295	2,530
22,162	24,624	2,462	6,468	647	5,821	6,468	647	7,159	716	6,443	7,159	716	48,609	4,861	43,748	48,609	4,861	24,870	2,487	22,383	24,870	2,487
25,601	28,445	2,845	8,420	842	7,578	8,420	842	9,014	901	8,113	9,014	901	49,721	4,972	44,748	49,721	4,972	29,099	2,910	26,189	29,099	2,910
24,451	28,766	4,315	8,866	1,330	7,536	8,866	1,330	9,088	1,363	7,724	9,088	1,363	43,860	6,579	37,281	43,860	6,579	28,874	4,331	24,543	28,874	4,331
23,918	-	5,980	8,816	1,763	7,053	-	1,763	8,406	1,681	6,725	-	1,681	42,745	8,549	34,196	-	8,549	33,058	6,612	26,446	-	6,612
22,756	-	7,585	8,988	2,247	6,741	-	2,247	8,406	2,101	6,304	-	2,101	41,926	10,481	31,444	-	10,481	32,975	8,244	24,731	-	8,244
20,673	-	8,860	8,742	2,623	6,119	-	2,623	8,071	2,421	5,650	-	2,421	41,775	12,533	29,243	-	12,533	33,215	9,965	23,251	-	9,965

17,509	-	9,428	7,213	2,524	4,688	-	2,524	6,606	2,312	4,294	-	2,312	40,718	14,251	26,466	-	14,251	29,438	10,303	19,135	-	10,303
17,764	-	9,565	6,570	2,299	4,270	-	2,299	6,659	2,331	4,329	-	2,331	42,857	15,000	27,857	-	15,000	28,066	9,823	18,243	-	9,823
20,642	-	11,115	8,550	2,992	5,557	-	2,992	8,737	3,058	5,679	-	3,058	42,025	14,709	27,316	-	14,709	31,269	10,944	20,325	-	10,944
19,293	-	12,862	9,000	3,600	5,400	-	3,600	8,831	3,532	5,298	-	3,532	37,982	15,193	22,789	-	15,193	29,565	11,826	17,739	-	11,826
18,496	-	15,133	8,993	4,047	4,946	-	4,047	9,155	4,120	5,035	-	4,120	36,623	16,480	20,143	-	16,480	31,430	14,143	17,286	-	14,143
16,568	-	16,568	9,121	4,560	4,560	-	4,560	8,989	4,495	4,495	-	4,495	42,836	21,418	21,418	-	21,418	33,686	16,843	16,843	-	16,843
15,060	-	18,407	8,928	4,911	4,018	-	4,911	8,800	4,840	3,960	-	4,840	43,278	23,803	19,475	-	23,803	33,858	18,622	15,236	-	18,622
12,363	-	18,544	7,401	4,441	2,960	-	4,441	7,342	4,405	2,937	-	4,405	43,092	25,855	17,237	-	25,855	27,157	16,294	10,863	-	16,294
11,648	-	17,472	6,655	3,993	2,662	-	3,993	7,033	4,220	2,813	-	4,220	47,217	28,330	18,887	-	28,330	26,366	15,819	10,546	-	15,819
13,092	-	19,638	8,596	5,158	3,438	-	5,158	9,002	5,401	3,601	-	5,401	43,421	26,052	17,368	-	26,052	31,117	18,670	12,447	-	18,670
11,530	-	21,412	9,037	5,874	3,163	-	5,874	9,046	5,880	3,166	-	5,880	41,193	26,775	14,417	-	26,775	31,972	20,782	11,190	-	20,782
9,974	-	23,273	8,975	6,283	2,693	-	6,283	9,051	6,336	2,715	-	6,336	42,330	29,631	12,699	-	29,631	31,015	21,711	9,305	-	21,711
8,630	-	25,890	9,186	6,890	2,297	-	6,890	9,367	7,026	2,342	-	7,026	41,486	31,115	10,372	-	31,115	29,919	22,440	7,480	-	22,440
6,766	-	27,063	8,946	7,157	1,789	-	7,157	8,899	7,119	1,780	-	7,119	38,501	30,800	7,700	-	30,800	30,130	24,104	6,026	-	24,104
4,679	-	26,513	7,415	6,302	1,112	-	6,302	7,406	6,295	1,111	-	6,295	39,285	33,392	5,893	-	33,392	26,393	22,434	3,959	-	22,434
4,576	-	25,933	6,721	5,713	1,008	-	5,713	7,323	6,224	1,098	-	6,224	46,792	39,773	7,019	-	39,773	25,190	21,412	3,779	-	21,412
4,739	-	26,857	8,542	7,261	1,281	-	7,261	8,693	7,389	1,304	-	7,389	57,985	49,287	8,698	-	49,287	29,033	24,678	4,355	-	24,678
3,010	-	27,089	8,902	8,012	890	-	8,012	8,071	7,264	807	-	7,264	52,749	47,474	5,275	-	47,474	29,727	26,754	2,973	-	26,754
1,481	-	28,136	8,803	8,363	440	-	8,363	7,727	7,341	386	-	7,341	50,165	47,657	2,508	-	47,657	30,621	29,090	1,531	-	29,090
-	-	29,732	8,959	8,959	-	-	8,959	7,393	7,393	-	-	7,393	44,674	44,674	-	-	44,674	31,705	31,705	-	-	31,705
-	-	27,348	6,561	6,561	-	-	6,561	6,195	6,195	-	-	6,195	44,861	44,861	-	-	44,861	28,746	28,746	-	-	28,746
1,197	1,197	23,946	5,827	5,536	291	291	5,827	5,592	5,312	280	280	5,592	48,490	46,065	2,424	2,424	48,490	22,987	21,838	1,149	1,149	22,987
1,321	1,321	26,413	6,034	5,732	302	302	6,034	6,061	5,758	303	303	6,061	59,263	56,300	2,963	2,963	59,263	24,715	23,479	1,236	1,236	24,715
1,522	1,522	30,436	7,995	7,595	400	400	7,995	8,000	7,600	400	400	8,000	65,001	61,751	3,250	3,250	65,001	28,655	27,222	1,433	1,433	28,655
1,570	1,570	31,392	8,314	7,898	416	416	8,314	8,126	7,720	406	406	8,126	60,301	57,286	3,015	3,015	60,301	29,240	27,778	1,462	1,462	29,240
3,293	3,293	32,926	8,310	7,479	831	831	8,310	8,467	7,620	847	847	8,467	53,389	48,050	5,339	5,339	53,389	31,451	28,306	3,145	3,145	31,451
4,936	4,936	32,906	8,125	6,907	1,219	1,219	8,125	8,175	6,948	1,226	1,226	8,175	50,112	42,595	7,517	7,517	50,112	28,863	24,533	4,329	4,329	28,863
6,830	6,830	34,149	6,156	4,925	1,231	1,231	6,156	7,917	6,333	1,583	1,583	7,917	46,107	36,886	9,221	9,221	46,107	29,615	23,692	5,923	5,923	29,615
1,253	1,253	-	5,088	4,833	254	254	-	5,317	5,052	266	266	-	37,014	35,164	1,851	1,851	-	23,088	21,934	1,154	1,154	-
1,327	1,327	-	5,799	5,509	290	290	-	5,966	5,668	298	298	-	44,337	42,120	2,217	2,217	-	25,580	24,301	1,279	1,279	-
1,348	1,348	-	7,424	7,052	371	371	-	7,037	6,686	352	352	-	53,207	50,547	2,660	2,660	-	29,771	28,283	1,489	1,489	-
2,747	2,747	-	7,827	7,044	783	783	-	7,096	6,387	710	710	-	80,685	72,617	8,069	8,069	-	30,893	27,804	3,089	3,089	-
4,191	4,191	-	7,816	6,644	1,172	1,172	-	7,103	6,038	1,065	1,065	-	80,101	68,086	12,015	12,015	-	30,849	26,222	4,627	4,627	-
5,535	5,535	-	7,918	6,335	1,584	1,584	-	7,096	5,677	1,419	1,419	-	48,664	38,931	9,733	9,733	-	28,955	23,164	5,791	5,791	-
7,023	7,023	-	7,754	5,815	1,938	1,938	-	6,937	5,202	1,734	1,734	-	53,312	39,984	13,328	13,328	-	28,563	21,423	7,141	7,141	-
7,406	7,406	-	6,298	4,409	1,889	1,889	-	5,373	3,761	1,612	1,612	-	64,661	45,263	19,398	19,398	-	26,068	18,247	7,820	7,820	-
7,577	7,577	-	5,739	4,017	1,722	1,722	-	5,661	3,963	1,698	1,698	-	60,959	42,672	18,288	18,288	-	24,797	17,358	7,439	7,439	-
8,397	8,397	-	7,525	5,268	2,258	2,258	-	7,366	5,156	2,210	2,210	-	46,000	32,200	13,800	13,800	-	27,870	19,509	8,361	8,361	-
9,542	9,542	-	7,828	5,088	2,740	2,740	-	7,096	4,613	2,484	2,484	-	41,362	26,885	14,477	14,477	-	28,494	18,521	9,973	9,973	-
11,150	11,150	-	7,766	4,659	3,106	3,106	-	7,096	4,258	2,839	2,839	-	37,528	22,517	15,011	15,011	-	28,226	16,936	11,290	11,290	-
12,553	12,553	-	7,888	4,339	3,550	3,550	-	7,096	3,903	3,193	3,193	-	40,267	22,147	18,120	18,120	-	28,933	15,913	13,020	13,020	-
13,863	13,863	-	7,681	3,840	3,840	3,840	-	6,780	3,390	3,390	3,390	-	41,811	20,906	20,906	20,906	-	27,598	13,799	13,799	13,799	-
13,666	13,666	-	6,238	2,807	3,431	3,431	-	5,315	2,392	2,923	2,923	-	51,276	23,074	28,202	28,202	-	24,867	11,190	13,677	13,677	-
13,036	13,036	-	5,609	2,524	3,085	3,085	-	4,879	2,196	2,683	2,683	-	49,952	22,479	27,474	27,474	-	23,973	10,788	13,185	13,185	-
14,909	14,909	-	7,426	3,342	4,084	4,084	-	5,429	2,443	2,986	2,986	-	47,893	21,552	26,341	26,341	-	27,341	12,303	15,037	15,037	-
17,091	17,091	-	7,753	3,101	4,652	4,652	-	7,189	2,876	4,314	4,314	-	57,780	23,112	34,668	34,668	-	28,131	11,253	16,879	16,879	-
18,534	18,534	-	7,767	2,718	5,049	5,049	-	7,096	2,484	4,613	4,613	-	50,294	17,603	32,691	32,691	-	28,661	10,031	18,630	18,630	-

19,713	19,713	-	7,903	2,371	5,532	5,532	-	7,096	2,129	4,967	4,967	-	54,551	16,365	38,186	38,186	-	27,988	8,396	19,592	19,592	-
20,752	20,752	-	7,697	1,924	5,773	5,773	-	6,780	1,695	5,085	5,085	-	55,963	13,991	41,972	41,972	-	28,745	7,186	21,559	21,559	-
19,923	19,923	-	6,206	1,241	4,965	4,965	-	5,355	1,071	4,284	4,284	-	48,684	9,737	38,947	38,947	-	26,052	5,210	20,842	20,842	-
20,522	20,522	-	5,430	1,086	4,344	4,344	-	5,406	1,081	4,325	4,325	-	42,087	8,417	33,670	33,670	-	24,157	4,831	19,326	19,326	-
23,410	23,410	-	7,315	1,463	5,852	5,852	-	7,175	1,435	5,740	5,740	-	47,091	9,418	37,672	37,672	-	27,462	5,492	21,970	21,970	-
24,583	24,583	-	7,767	1,165	6,602	6,602	-	7,173	1,076	6,097	6,097	-	60,511	9,077	51,434	51,434	-	27,792	4,169	23,623	23,623	-
25,620	25,620	-	7,768	777	6,991	6,991	-	7,096	710	6,387	6,387	-	53,150	5,315	47,835	47,835	-	28,812	2,881	25,931	25,931	-
26,808	26,808	-	7,891	395	7,496	7,496	-	7,096	355	6,741	6,741	-	38,999	1,950	37,049	37,049	-	28,046	1,402	26,643	26,643	-
27,785	27,785	-	7,683	-	7,683	7,683	-	6,780	-	6,780	6,780	-	35,369	-	35,369	35,369	-	27,543	-	27,543	27,543	-
25,051	26,370	1,318	6,081	304	5,777	6,081	304	5,509	275	5,233	5,509	275	37,243	1,862	35,381	37,243	1,862	24,599	1,230	23,369	24,599	1,230
24,970	26,285	1,314	5,411	271	5,140	5,411	271	5,430	272	5,159	5,430	272	39,267	1,963	37,304	39,267	1,963	23,640	1,182	22,458	23,640	1,182
27,429	28,873	1,444	7,366	368	6,998	7,366	368	7,114	356	6,758	7,114	356	48,688	2,434	46,254	48,688	2,434	26,969	1,348	25,621	26,969	1,348
25,079	-	2,787	7,832	783	7,048	-	783	7,634	763	6,871	-	763	49,795	4,979	44,815	-	4,979	28,490	2,849	25,641	-	2,849
24,922	-	4,398	7,830	1,175	6,656	-	1,175	7,704	1,156	6,549	-	1,156	40,495	6,074	34,421	-	6,074	28,332	4,250	24,082	-	4,250
24,594	-	6,148	8,036	1,607	6,428	-	1,607	8,251	1,650	6,601	-	1,650	40,410	8,082	32,328	-	8,082	28,201	5,640	22,561	-	5,640
23,100	-	7,700	7,838	1,960	5,879	-	1,960	8,002	2,000	6,001	-	2,000	43,632	10,908	32,724	-	10,908	28,263	7,066	21,197	-	7,066
17,419	-	7,465	6,241	1,872	4,369	-	1,872	5,853	1,756	4,097	-	1,756	63,034	18,910	44,124	-	18,910	26,041	7,812	18,229	-	7,812
17,005	-	7,288	5,600	1,680	3,920	-	1,680	5,738	1,721	4,017	-	1,721	60,062	18,019	42,043	-	18,019	25,297	7,589	17,708	-	7,589
19,736	-	8,458	7,430	2,229	5,201	-	2,229	7,575	2,273	5,303	-	2,273	51,106	15,332	35,774	-	15,332	28,201	8,460	19,741	-	8,460
18,749	-	10,095	7,792	2,727	5,065	-	2,727	7,684	2,689	4,994	-	2,689	61,645	21,576	40,070	-	21,576	29,091	10,182	18,909	-	10,182
17,524	-	11,683	7,762	3,105	4,657	-	3,105	7,645	3,058	4,587	-	3,058	55,904	22,362	33,543	-	22,362	29,263	11,705	17,558	-	11,705
15,995	-	13,087	7,893	3,552	4,341	-	3,552	7,634	3,435	4,199	-	3,435	42,412	19,085	23,326	-	19,085	28,353	12,759	15,594	-	12,759
14,187	-	14,187	7,685	3,842	3,842	-	3,842	7,318	3,659	3,659	-	3,659	40,796	20,398	20,398	-	20,398	28,682	14,341	14,341	-	14,341
11,699	-	14,299	6,304	3,467	2,837	-	3,467	5,913	3,252	2,661	-	3,252	49,549	27,252	22,297	-	27,252	26,202	14,411	11,791	-	14,411
10,725	-	13,108	5,617	3,090	2,528	-	3,090	5,738	3,156	2,582	-	3,156	64,169	35,293	28,876	-	35,293	25,298	13,914	11,384	-	13,914
12,632	-	15,440	7,395	4,067	3,328	-	4,067	7,618	4,190	3,428	-	4,190	58,429	32,136	26,293	-	32,136	28,820	15,851	12,969	-	15,851
11,411	-	17,116	7,833	4,700	3,133	-	4,700	7,634	4,580	3,054	-	4,580	43,076	25,846	17,231	-	25,846	28,554	17,132	11,422	-	17,132
10,455	-	19,417	7,861	5,110	2,751	-	5,110	7,896	5,133	2,764	-	5,133	38,429	24,979	13,450	-	24,979	28,383	18,449	9,934	-	18,449
9,387	-	21,903	8,063	5,644	2,419	-	5,644	8,421	5,895	2,526	-	5,895	49,108	34,375	14,732	-	34,375	29,275	20,493	8,783	-	20,493
7,873	-	23,618	7,872	5,904	1,968	-	5,904	8,216	6,162	2,054	-	6,162	42,659	31,994	10,665	-	31,994	29,274	21,955	7,318	-	21,955
5,151	-	20,603	6,304	5,043	1,261	-	5,043	5,907	4,726	1,181	-	4,726	42,833	34,267	8,567	-	34,267	26,518	21,214	5,304	-	21,214
4,792	-	19,168	5,626	4,501	1,125	-	4,501	5,738	4,591	1,148	-	4,591	43,985	35,188	8,797	-	35,188	25,698	20,559	5,140	-	20,559
5,880	-	23,521	7,542	6,033	1,508	-	6,033	7,971	6,377	1,594	-	6,377	42,022	33,618	8,404	-	33,618	29,762	23,810	5,952	-	23,810
4,587	-	25,995	7,990	6,791	1,198	-	6,791	8,330	7,080	1,249	-	7,080	43,056	36,597	6,458	-	36,597	30,985	26,337	4,648	-	26,337
3,116	-	28,041	7,941	7,146	794	-	7,146	8,415	7,574	842	-	7,574	42,176	37,958	4,218	-	37,958	30,863	27,776	3,086	-	27,776
1,556	-	29,556	8,055	7,653	403	-	7,653	8,366	7,948	418	-	7,948	42,159	40,051	2,108	-	40,051	30,749	29,211	1,537	-	29,211
-	-	31,291	7,864	7,864	-	-	7,864	8,154	8,154	-	-	8,154	40,319	40,319	-	-	40,319	30,151	30,151	-	-	30,151
-	-	28,325	6,425	6,425	-	-	6,425	6,549	6,549	-	-	6,549	41,962	41,962	-	-	41,962	26,956	26,956	-	-	26,956
-	-	26,889	5,770	5,770	-	-	5,770	6,319	6,319	-	-	6,319	48,024	48,024	-	-	48,024	25,764	25,764	-	-	25,764
-	-	29,053	7,531	7,531	-	-	7,531	7,893	7,893	-	-	7,893	44,992	44,992	-	-	44,992	29,074	29,074	-	-	29,074
1,451	1,451	-	7,899	7,504	395	395	-	8,084	7,680	404	404	-	39,337	37,371	1,967	1,967	-	29,466	27,993	1,473	1,473	-
2,975	2,975	-	7,894	7,105	789	789	-	8,192	7,373	819	819	-	39,934	35,940	3,993	3,993	-	30,565	27,508	3,056	3,056	-
4,674	4,674	-	8,106	6,890	1,216	1,216	-	8,515	7,238	1,277	1,277	-	44,061	37,452	6,609	6,609	-	30,193	25,664	4,529	4,529	-
6,424	6,424	-	7,974	6,379	1,595	1,595	-	8,476	6,781	1,695	1,695	-	49,285	39,428	9,857	9,857	-	29,289	23,431	5,858	5,858	-
7,364	7,364	-	6,559	4,919	1,640	1,640	-	6,952	5,214	1,738	1,738	-	52,761	39,571	13,190	13,190	-	26,274	19,705	6,568	6,568	-
7,282	7,282	-	5,974	4,480	1,493	1,493	-	6,945	5,209	1,736	1,736	-	46,729	35,047	11,682	11,682	-	25,063	18,797	6,266	6,266	-
8,327	8,327	-	7,840	5,880	1,960	1,960	-	9,171	6,878	2,293	2,293	-	38,708	29,031	9,677	9,677	-	28,911	21,683	7,228	7,228	-

10,070	10,070	-	8,239	5,767	2,472	2,472	-	9,216	6,451	2,765	2,765	-	38,788	27,152	11,637	11,637	-	29,177	20,424	8,753	8,753	-
11,854	11,854	-	8,177	5,315	2,862	2,862	-	9,217	5,991	3,226	3,226	-	41,209	26,786	14,423	14,423	-	29,546	19,205	10,341	10,341	-
13,094	13,094	-	8,214	4,928	3,286	3,286	-	8,907	5,344	3,563	3,563	-	42,282	25,369	16,913	16,913	-	29,743	17,846	11,897	11,897	-
13,661	13,661	-	8,114	4,868	3,246	3,246	-	8,982	5,389	3,593	3,593	-	42,869	25,721	17,147	17,147	-	29,813	17,888	11,925	11,925	-
11,831	11,831	-	6,343	3,488	2,854	2,854	-	6,319	3,476	2,844	2,844	-	45,092	24,801	20,291	20,291	-	27,199	14,959	12,240	12,240	-
11,278	11,278	-	5,604	3,082	2,522	2,522	-	6,188	3,404	2,785	2,785	-	42,399	23,320	19,080	19,080	-	25,740	14,157	11,583	11,583	-
12,915	12,915	-	7,487	4,118	3,369	3,369	-	8,025	4,414	3,611	3,611	-	42,362	23,299	19,063	19,063	-	29,577	16,267	13,310	13,310	-
15,839	15,839	-	8,110	4,055	4,055	4,055	-	8,746	4,373	4,373	4,373	-	44,580	22,290	22,290	22,290	-	30,545	15,272	15,272	15,272	-
17,612	17,612	-	8,051	3,623	4,428	4,428	-	8,758	3,941	4,817	4,817	-	45,744	20,585	25,159	25,159	-	31,985	14,393	17,592	17,592	-
19,050	19,050	-	8,147	3,259	4,888	4,888	-	8,662	3,465	5,197	5,197	-	40,447	16,179	24,268	24,268	-	30,557	12,223	18,334	18,334	-
21,545	21,545	-	8,046	2,816	5,230	5,230	-	8,732	3,056	5,675	5,675	-	41,061	14,371	26,689	26,689	-	31,240	10,934	20,306	20,306	-
21,551	21,551	-	6,651	1,995	4,656	4,656	-	7,218	2,165	5,053	5,053	-	44,169	13,251	30,918	30,918	-	28,371	8,511	19,860	19,860	-
19,371	19,371	-	5,875	1,762	4,112	4,112	-	6,674	2,002	4,672	4,672	-	46,313	13,894	32,419	32,419	-	27,386	8,216	19,170	19,170	-
21,135	21,135	-	7,628	2,288	5,339	5,339	-	8,396	2,519	5,877	5,877	-	41,160	12,348	28,812	28,812	-	30,102	9,031	21,071	21,071	-
24,433	24,433	-	8,172	2,043	6,129	6,129	-	8,970	2,242	6,727	6,727	-	41,493	10,373	31,120	31,120	-	30,827	7,707	23,120	23,120	-
27,387	27,387	-	8,203	1,641	6,562	6,562	-	9,307	1,861	7,446	7,446	-	41,305	8,261	33,044	33,044	-	30,941	6,188	24,752	24,752	-
27,251	27,251	-	8,169	1,225	6,943	6,943	-	8,739	1,311	7,428	7,428	-	43,646	6,547	37,099	37,099	-	31,877	4,782	27,096	27,096	-
25,719	25,719	-	7,848	1,177	6,671	6,671	-	8,014	1,202	6,812	6,812	-	44,223	6,634	37,590	37,590	-	32,107	4,816	27,291	27,291	-
24,151	24,151	-	6,381	638	5,743	5,743	-	6,428	643	5,785	5,785	-	50,044	5,004	45,039	45,039	-	30,188	3,019	27,169	27,169	-
23,690	23,690	-	5,783	578	5,205	5,205	-	6,423	642	5,781	5,781	-	53,829	5,383	48,446	48,446	-	29,502	2,950	26,551	26,551	-
28,006	28,006	-	7,692	769	6,922	6,922	-	8,626	863	7,763	7,763	-	48,203	4,820	43,383	43,383	-	32,077	3,208	28,869	28,869	-
30,664	30,664	-	8,152	408	7,745	7,745	-	8,896	445	8,451	8,451	-	46,207	2,310	43,896	43,896	-	32,187	1,609	30,577	30,577	-
33,321	33,321	-	8,141	-	8,141	8,141	-	9,080	-	9,080	9,080	-	45,738	-	45,738	45,738	-	32,319	-	32,319	32,319	-
32,874	34,604	1,730	8,343	417	7,926	8,343	417	9,371	469	8,903	9,371	469	47,842	2,392	45,450	47,842	2,392	33,060	1,653	31,407	33,060	1,653
30,956	-	3,440	8,074	807	7,267	-	807	8,554	855	7,699	-	855	35,547	3,555	31,993	-	3,555	28,785	2,879	25,907	-	2,879
24,247	-	4,279	6,501	975	5,526	-	975	6,499	975	5,524	-	975	37,102	5,565	31,536	-	5,565	24,897	3,734	21,162	-	3,734
22,304	-	3,936	5,820	873	4,947	-	873	6,246	937	5,309	-	937	40,248	6,037	34,211	-	6,037	24,330	3,650	20,681	-	3,650
26,599	-	4,694	7,725	1,159	6,566	-	1,159	8,468	1,270	7,198	-	1,270	41,474	6,221	35,253	-	6,221	30,197	4,530	25,667	-	4,530
28,225	-	7,056	8,299	1,660	6,640	-	1,660	9,150	1,830	7,320	-	1,830	38,045	7,609	30,436	-	7,609	29,411	5,882	23,528	-	5,882
28,105	-	9,368	8,308	2,077	6,231	-	2,077	9,408	2,352	7,056	-	2,352	37,547	9,387	28,160	-	9,387	29,169	7,292	21,877	-	7,292
24,429	-	10,470	8,288	2,486	5,802	-	2,486	8,891	2,667	6,224	-	2,667	40,665	12,199	28,465	-	12,199	30,441	9,132	21,309	-	9,132
19,258	-	10,370	7,846	2,746	5,100	-	2,746	7,725	2,704	5,021	-	2,704	43,835	15,342	28,493	-	15,342	32,012	11,204	20,808	-	11,204
14,779	-	9,853	6,278	2,511	3,767	-	2,511	6,025	2,410	3,615	-	2,410	44,876	17,950	26,925	-	17,950	28,699	11,480	17,220	-	11,480
13,988	-	9,325	5,643	2,257	3,386	-	2,257	5,911	2,364	3,546	-	2,364	45,592	18,237	27,355	-	18,237	27,212	10,885	16,327	-	10,885
17,316	-	11,544	7,621	3,048	4,573	-	3,048	8,090	3,236	4,854	-	3,236	46,525	18,610	27,915	-	18,610	31,951	12,781	19,171	-	12,781
17,644	-	14,436	8,155	3,670	4,485	-	3,670	8,626	3,881	4,744	-	3,881	49,619	22,329	27,291	-	22,329	33,557	15,100	18,456	-	15,100
16,892	-	16,892	8,145	4,073	4,073	-	4,073	8,815	4,407	4,407	-	4,407	50,679	25,340	25,340	-	25,340	34,372	17,186	17,186	-	17,186
15,952	-	19,497	8,337	4,585	3,752	-	4,585	9,068	4,987	4,081	-	4,987	48,255	26,540	21,715	-	26,540	33,801	18,591	15,211	-	18,591
14,231	-	21,346	8,134	4,881	3,254	-	4,881	8,461	5,076	3,384	-	5,076	46,126	27,675	18,450	-	27,675	32,998	19,799	13,199	-	19,799
11,331	-	21,044	6,684	4,345	2,339	-	4,345	7,032	4,571	2,461	-	4,571	41,430	26,930	14,501	-	26,930	27,281	17,733	9,548	-	17,733
11,143	-	20,693	6,074	3,948	2,126	-	3,948	6,932	4,506	2,426	-	4,506	44,085	28,655	15,430	-	28,655	26,447	17,191	9,256	-	17,191
12,398	-	23,024	7,896	5,133	2,764	-	5,133	9,088	5,907	3,181	-	5,907	44,829	29,139	15,690	-	29,139	31,289	20,338	10,951	-	20,338
9,806	-	22,881	8,149	5,705	2,445	-	5,705	8,603	6,022	2,581	-	6,022	47,441	33,209	14,232	-	33,209	32,766	22,936	9,830	-	22,936
7,875	-	23,624	8,033	6,025	2,008	-	6,025	8,408	6,306	2,102	-	6,306	45,307	33,980	11,327	-	33,980	32,568	24,426	8,142	-	24,426
6,742	-	26,968	8,266	6,613	1,653	-	6,613	8,810	7,048	1,762	-	7,048	46,203	36,962	9,241	-	36,962	33,374	26,699	6,675	-	26,699
5,070	-	28,731	8,056	6,848	1,208	-	6,848	8,485	7,212	1,273	-	7,212	48,248	41,011	7,237	-	41,011	33,698	28,643	5,055	-	28,643
4,681	-	26,525	6,637	5,641	996	-	5,641	6,893	5,859	1,034	-	5,859	51,357	43,654	7,704	-	43,654	31,092	26,428	4,664	-	26,428

4,640	-	26,291	6,035	5,130	905	-	5,130	6,828	5,804	1,024	-	5,804	54,440	46,274	8,166	-	46,274	30,335	25,784	4,550	-	25,784
5,268	-	29,849	7,887	6,704	1,183	-	6,704	9,051	7,694	1,358	-	7,694	52,457	44,589	7,869	-	44,589	34,201	29,071	5,130	-	29,071
3,521	-	31,687	8,276	7,448	828	-	7,448	9,060	8,154	906	-	8,154	53,526	48,174	5,353	-	48,174	35,057	31,551	3,506	-	31,551
1,799	-	34,175	8,238	7,826	412	-	7,826	9,150	8,693	458	-	8,693	55,823	53,032	2,791	-	53,032	36,059	34,256	1,803	-	34,256
-	-	35,539	8,330	8,330	-	-	8,330	9,040	9,040	-	-	9,040	54,949	54,949	-	-	54,949	35,905	35,905	-	-	35,905
-	-	34,267	8,071	8,071	-	-	8,071	8,538	8,538	-	-	8,538	56,983	56,983	-	-	56,983	36,571	36,571	-	-	36,571
1,566	1,566	31,321	6,641	6,309	332	332	6,641	6,904	6,559	345	345	6,904	54,195	51,485	2,710	2,710	54,195	32,186	30,577	1,609	1,609	32,186
1,469	1,469	-	6,040	5,738	302	302	-	6,989	6,639	349	349	-	44,406	42,186	2,220	2,220	-	26,249	24,937	1,312	1,312	-
1,676	1,676	-	7,898	7,503	395	395	-	9,240	8,778	462	462	-	44,192	41,983	2,210	2,210	-	30,560	29,032	1,528	1,528	-
3,418	3,418	-	8,320	7,488	832	832	-	9,369	8,432	937	937	-	50,736	45,662	5,074	5,074	-	32,578	29,320	3,258	3,258	-
5,278	5,278	-	8,297	7,052	1,245	1,245	-	9,513	8,086	1,427	1,427	-	50,372	42,816	7,556	7,556	-	33,109	28,142	4,966	4,966	-
7,229	7,229	-	8,467	6,773	1,693	1,693	-	9,685	7,748	1,937	1,937	-	46,994	37,595	9,399	9,399	-	32,436	25,949	6,487	6,487	-
8,952	8,952	-	8,249	6,187	2,062	2,062	-	9,332	6,999	2,333	2,333	-	50,678	38,009	12,670	12,670	-	32,574	24,430	8,143	8,143	-
9,689	9,689	-	6,781	4,747	2,034	2,034	-	7,463	5,224	2,239	2,239	-	48,948	34,264	14,684	14,684	-	28,620	20,034	8,586	8,586	-
9,226	9,226	-	6,117	4,282	1,835	1,835	-	7,198	5,039	2,160	2,160	-	55,676	38,973	16,703	16,703	-	28,980	20,286	8,694	8,694	-
9,897	9,897	-	7,868	5,507	2,360	2,360	-	9,130	6,391	2,739	2,739	-	55,195	38,636	16,558	16,558	-	32,959	23,072	9,888	9,888	-
11,049	11,049	-	8,173	5,312	2,861	2,861	-	8,835	5,743	3,092	3,092	-	58,532	38,046	20,486	20,486	-	34,243	22,258	11,985	11,985	-
12,976	12,976	-	8,143	4,886	3,257	3,257	-	8,952	5,371	3,581	3,581	-	60,475	36,285	24,190	24,190	-	34,925	20,955	13,970	13,970	-
14,667	14,667	-	8,267	4,547	3,720	3,720	-	8,960	4,928	4,032	4,032	-	57,397	31,568	25,829	25,829	-	34,314	18,872	15,441	15,441	-
16,301	16,301	-	8,069	4,034	4,034	4,034	-	8,678	4,339	4,339	4,339	-	55,820	27,910	27,910	27,910	-	34,013	17,007	17,007	17,007	-
17,095	17,095	-	6,713	3,021	3,692	3,692	-	7,263	3,268	3,995	3,995	-	54,830	24,673	30,156	30,156	-	30,298	13,634	16,664	16,664	-
16,637	16,637	-	6,089	2,740	3,349	3,349	-	7,121	3,204	3,917	3,917	-	58,857	26,486	32,371	32,371	-	29,659	13,347	16,312	16,312	-
18,665	18,665	-	7,921	3,565	4,357	4,357	-	9,324	4,196	5,128	5,128	-	54,901	24,706	30,196	30,196	-	33,121	14,904	18,216	18,216	-
21,127	21,127	-	8,378	3,351	5,027	5,027	-	9,579	3,832	5,747	5,747	-	59,248	23,699	35,549	35,549	-	34,456	13,782	20,674	20,674	-
23,559	23,559	-	8,357	2,925	5,432	5,432	-	9,729	3,405	6,324	6,324	-	59,807	20,932	38,874	38,874	-	34,842	12,195	22,647	22,647	-
25,390	25,390	-	8,474	2,542	5,932	5,932	-	9,711	2,913	6,798	6,798	-	58,445	17,534	40,912	40,912	-	34,537	10,361	24,176	24,176	-
25,867	25,867	-	8,175	2,044	6,131	6,131	-	9,063	2,266	6,797	6,797	-	57,023	14,256	42,767	42,767	-	34,270	8,567	25,702	25,702	-
25,620	25,620	-	6,766	1,353	5,413	5,413	-	7,418	1,484	5,934	5,934	-	61,324	12,265	49,059	49,059	-	31,564	6,313	25,251	25,251	-
25,890	25,890	-	6,208	1,242	4,967	4,967	-	7,444	1,489	5,956	5,956	-	64,059	12,812	51,247	51,247	-	30,770	6,154	24,616	24,616	-
28,784	28,784	-	8,036	1,607	6,429	6,429	-	9,741	1,948	7,793	7,793	-	61,996	12,399	49,597	49,597	-	34,524	6,905	27,619	27,619	-
30,572	30,572	-	8,421	1,263	7,158	7,158	-	9,734	1,460	8,274	8,274	-	63,081	9,462	53,619	53,619	-	35,214	5,282	29,932	29,932	-
32,605	32,605	-	8,356	836	7,521	7,521	-	9,726	973	8,753	8,753	-	62,407	6,241	56,166	56,166	-	35,337	3,534	31,803	31,803	-
34,417	34,417	-	8,472	424	8,049	8,049	-	9,703	485	9,217	9,217	-	62,261	3,113	59,148	59,148	-	35,352	1,768	33,585	33,585	-
36,012	36,012	-	8,261	-	8,261	8,261	-	9,374	-	9,374	9,374	-	63,292	-	63,292	63,292	-	35,609	-	35,609	35,609	-
32,908	32,908	-	6,816	-	6,816	6,816	-	7,563	-	7,563	7,563	-	66,750	-	66,750	66,750	-	32,844	-	32,844	32,844	-
30,800	30,800	-	5,816	-	5,816	5,816	-	6,935	-	6,935	6,935	-	67,518	-	67,518	67,518	-	30,663	-	30,663	30,663	-
30,747	30,747	-	6,219	-	6,219	6,219	-	7,535	-	7,535	7,535	-	68,417	-	68,417	68,417	-	31,669	-	31,669	31,669	-
35,368	35,368	-	8,387	-	8,387	8,387	-	9,611	-	9,611	9,611	-	66,137	-	66,137	66,137	-	35,867	-	35,867	35,867	-

CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2	CalMo	BilMo1
9,413	1,412	8,001	-	1,412	9,821	1,473	8,348	-	1,473	15.06	2.26	12.80	-	2.26	-	-	-	-	-	11.36	1.70
9,378	1,876	7,502	-	1,876	9,905	1,981	7,924	-	1,981	14.06	2.81	11.25	-	2.81	-	-	-	-	-	12.09	2.42
9,568	2,392	7,176	-	2,392	10,008	2,502	7,506	-	2,502	14.24	3.56	10.68	-	3.56	-	-	-	-	-	12.99	3.25
9,380	2,814	6,566	-	2,814	9,762	2,929	6,834	-	2,929	13.58	4.07	9.51	-	4.07	-	-	-	-	-	13.75	4.13
7,841	2,744	5,097	-	2,744	8,058	2,820	5,237	-	2,820	15.60	5.46	10.14	-	5.46	-	-	-	-	-	14.20	4.97
7,090	2,482	4,609	-	2,482	7,756	2,714	5,041	-	2,714	17.75	6.21	11.54	-	6.21	-	-	-	-	-	13.32	4.66
9,015	3,155	5,860	-	3,155	9,894	3,463	6,431	-	3,463	17.28	6.05	11.23	-	6.05	-	-	-	-	-	12.62	4.42
9,496	3,798	5,698	-	3,798	10,072	4,029	6,043	-	4,029	17.69	7.08	10.61	-	7.08	-	-	-	-	-	13.53	5.41
9,448	4,252	5,196	-	4,252	10,117	4,553	5,564	-	4,553	17.11	7.70	9.41	-	7.70	-	-	-	-	-	13.93	6.27
9,624	4,812	4,812	-	4,812	10,176	5,088	5,088	-	5,088	18.10	9.05	9.05	-	9.05	-	-	-	-	-	14.44	7.22
9,424	5,183	4,241	-	5,183	9,896	5,443	4,453	-	5,443	18.67	10.27	8.40	-	10.27	-	-	-	-	-	14.91	8.20
7,876	4,726	3,150	-	4,726	8,144	4,886	3,257	-	4,886	17.63	10.58	7.05	-	10.58	-	-	-	-	-	15.11	9.07
7,216	4,330	2,886	-	4,330	8,046	4,828	3,219	-	4,828	16.30	9.78	6.52	-	9.78	-	-	-	-	-	16.62	9.97
9,172	5,503	3,669	-	5,503	10,369	6,222	4,148	-	6,222	15.07	9.04	6.03	-	9.04	-	-	-	-	-	16.75	10.05
9,630	6,260	3,371	-	6,260	10,477	6,810	3,667	-	6,810	15.36	9.98	5.38	-	9.98	-	-	-	-	-	17.05	11.08
9,607	6,725	2,882	-	6,725	10,598	7,419	3,180	-	7,419	13.26	9.28	3.98	-	9.28	-	-	-	-	-	18.10	12.67
9,740	7,305	2,435	-	7,305	10,527	7,895	2,632	-	7,895	14.09	10.57	3.52	-	10.57	-	-	-	-	-	17.48	13.11
9,448	7,558	1,890	-	7,558	9,967	7,973	1,993	-	7,973	15.73	12.58	3.15	-	12.58	-	-	-	-	-	15.52	12.42
7,906	6,720	1,186	-	6,720	8,219	6,986	1,233	-	6,986	18.41	15.65	2.76	-	15.65	-	-	-	-	-	15.90	13.52
7,262	6,173	1,089	-	6,173	8,153	6,930	1,223	-	6,930	18.62	15.83	2.79	-	15.83	-	-	-	-	-	17.83	15.16
9,236	7,851	1,385	-	7,851	10,562	8,977	1,584	-	8,977	16.86	14.33	2.53	-	14.33	-	-	-	-	-	18.42	15.66
9,699	8,729	970	-	8,729	10,684	9,615	1,068	-	9,615	14.79	13.31	1.48	-	13.31	-	-	-	-	-	18.84	16.96
9,573	9,094	479	-	9,094	10,494	9,969	525	-	9,969	14.20	13.49	0.71	-	13.49	-	-	-	-	-	17.20	16.34
9,687	9,687	-	-	9,687	10,366	10,366	-	-	10,366	13.88	13.88	-	-	13.88	-	-	-	-	-	16.09	16.09
9,501	9,501	-	-	9,501	10,127	10,127	-	-	10,127	12.78	12.78	-	-	12.78	-	-	-	-	-	16.92	16.92
7,900	7,505	395	395	7,900	8,202	7,792	410	410	8,202	14.49	13.77	0.72	0.72	14.49	-	-	-	-	-	15.73	14.94
7,167	6,809	358	358	7,167	7,934	7,537	397	397	7,934	16.98	16.13	0.85	0.85	16.98	-	-	-	-	-	15.34	14.57
9,154	8,697	458	458	9,154	10,315	9,799	516	516	10,315	16.66	15.83	0.83	0.83	16.66	-	-	-	-	-	16.28	15.47
9,608	8,647	961	961	9,608	10,410	9,369	1,041	1,041	10,410	14.10	12.69	1.41	1.41	14.10	-	-	-	-	-	16.47	14.82
9,476	8,055	1,421	1,421	9,476	10,202	8,672	1,530	1,530	10,202	12.91	10.97	1.94	1.94	12.91	-	-	-	-	-	14.67	12.47
9,556	7,645	1,911	1,911	-	8,869	7,095	1,774	1,774	-	13.99	11.19	2.80	2.80	-	-	-	-	-	-	12.66	10.13
9,139	6,854	2,285	2,285	-	8,417	6,313	2,104	2,104	-	14.54	10.91	3.64	3.64	-	-	-	-	-	-	13.94	10.46
7,607	5,325	2,282	2,282	-	6,844	4,791	2,053	2,053	-	12.94	9.06	3.88	3.88	-	-	-	-	-	-	16.75	11.73
6,656	4,659	1,997	1,997	-	6,272	4,390	1,882	1,882	-	15.55	10.89	4.67	4.67	-	-	-	-	-	-	15.00	10.50
7,826	5,478	2,348	2,348	-	7,799	5,459	2,340	2,340	-	15.95	11.17	4.79	4.79	-	-	-	-	-	-	16.26	11.38
9,641	6,749	2,892	2,892	-	9,406	6,584	2,822	2,822	-	14.51	10.16	4.35	4.35	-	-	-	-	-	-	17.33	12.13
9,479	6,161	3,318	3,318	-	9,107	5,920	3,188	3,188	-	15.88	10.32	5.56	5.56	-	-	-	-	-	-	14.74	9.58
9,720	5,832	3,888	3,888	-	9,364	5,618	3,745	3,745	-	15.78	9.47	6.31	6.31	-	-	-	-	-	-	16.96	10.18
9,521	5,237	4,284	4,284	-	9,085	4,997	4,088	4,088	-	17.04	9.37	7.67	7.67	-	-	-	-	-	-	17.44	9.59
7,999	3,999	3,999	3,999	-	7,346	3,673	3,673	3,673	-	16.70	8.35	8.35	8.35	-	-	-	-	-	-	18.33	9.17
7,187	3,593	3,593	3,593	-	6,877	3,438	3,438	3,438	-	16.10	8.05	8.05	8.05	-	-	-	-	-	-	15.86	7.93
9,076	4,538	4,538	4,538	-	8,974	4,487	4,487	4,487	-	14.48	7.24	7.24	7.24	-	-	-	-	-	-	14.22	7.11
9,492	4,271	5,221	5,221	-	8,956	4,030	4,926	4,926	-	16.52	7.43	9.09	9.09	-	-	-	-	-	-	13.42	6.04
9,549	3,820	5,730	5,730	-	9,320	3,728	5,592	5,592	-	15.46	6.18	9.28	9.28	-	-	-	-	-	-	16.58	6.63
9,625	3,369	6,256	6,256	-	9,077	3,177	5,900	5,900	-	17.98	6.29	11.69	11.69	-	-	-	-	-	-	14.47	5.06

9,444	2,833	6,611	6,611	-	8,852	2,656	6,196	6,196	-	18.82	5.65	13.17	13.17	-	-	-	-	-	-	15.42	4.63
7,993	1,998	5,994	5,994	-	7,331	1,833	5,498	5,498	-	18.88	4.72	14.16	14.16	-	-	-	-	-	-	18.17	4.54
7,239	1,810	5,429	5,429	-	6,997	1,749	5,248	5,248	-	17.95	4.49	13.46	13.46	-	-	-	-	-	-	17.22	4.31
9,186	2,297	6,890	6,890	-	9,308	2,327	6,981	6,981	-	17.43	4.36	13.07	13.07	-	-	-	-	-	-	17.11	4.28
9,666	1,933	7,733	7,733	-	9,484	1,897	7,587	7,587	-	17.73	3.55	14.18	14.18	-	-	-	-	-	-	18.00	3.60
9,598	1,440	8,158	8,158	-	9,467	1,420	8,047	8,047	-	18.48	2.77	15.71	15.71	-	-	-	-	-	-	17.86	2.68
9,653	965	8,687	8,687	-	9,161	916	8,245	8,245	-	20.16	2.02	18.14	18.14	-	-	-	-	-	-	15.20	1.52
9,453	473	8,980	8,980	-	8,879	444	8,435	8,435	-	18.98	0.95	18.03	18.03	-	-	-	-	-	-	15.65	0.78
7,910	-	7,910	7,910	-	7,127	-	7,127	7,127	-	19.22	-	19.22	19.22	-	-	-	-	-	-	16.02	-
7,256	-	7,256	7,256	-	7,037	-	7,037	7,037	-	19.74	-	19.74	19.74	-	-	-	-	-	-	17.68	-
9,240	-	9,240	9,240	-	9,471	-	9,471	9,471	-	19.73	-	19.73	19.73	-	-	-	-	-	-	18.53	-
9,718	-	9,718	9,718	-	9,640	-	9,640	9,640	-	17.48	-	17.48	17.48	-	-	-	-	-	-	19.36	-
9,673	484	9,190	9,673	484	9,696	485	9,211	9,696	485	16.23	0.81	15.42	16.23	0.81	-	-	-	-	-	19.84	0.99
9,798	980	8,818	9,798	980	9,601	960	8,641	9,601	960	15.80	1.58	14.22	15.80	1.58	-	-	-	-	-	19.01	1.90
9,570	1,435	8,134	9,570	1,435	9,233	1,385	7,848	9,233	1,385	18.70	2.81	15.90	18.70	2.81	-	-	-	-	-	18.72	2.81
7,925	1,585	6,340	7,925	1,585	7,163	1,433	5,731	7,163	1,433	21.00	4.20	16.80	21.00	4.20	-	-	-	-	-	16.41	3.28
7,077	1,415	5,662	-	1,415	7,381	1,476	5,905	-	1,476	19.94	3.99	15.95	-	3.99	-	-	-	-	-	12.98	2.60
9,072	1,814	7,258	-	1,814	9,721	1,944	7,777	-	1,944	18.46	3.69	14.77	-	3.69	-	-	-	-	-	14.12	2.82
9,533	2,383	7,150	-	2,383	9,838	2,459	7,378	-	2,459	14.89	3.72	11.17	-	3.72	-	-	-	-	-	14.50	3.63
9,563	2,869	6,694	-	2,869	10,120	3,036	7,084	-	3,036	14.09	4.23	9.86	-	4.23	-	-	-	-	-	16.94	5.08
9,759	3,416	6,343	-	3,416	10,240	3,584	6,656	-	3,584	14.92	5.22	9.70	-	5.22	-	-	-	-	-	17.99	6.30
9,600	3,840	5,760	-	3,840	10,082	4,033	6,049	-	4,033	18.28	7.31	10.97	-	7.31	-	-	-	-	-	19.52	7.81
7,991	3,596	4,395	-	3,596	8,085	3,638	4,447	-	3,638	17.42	7.84	9.58	-	7.84	-	-	-	-	-	18.14	8.16
7,246	3,261	3,985	-	3,261	7,771	3,497	4,274	-	3,497	18.44	8.30	10.14	-	8.30	-	-	-	-	-	17.41	7.83
9,128	4,108	5,021	-	4,108	9,891	4,451	5,440	-	4,451	18.47	8.31	10.16	-	8.31	-	-	-	-	-	15.59	7.02
9,632	4,816	4,816	-	4,816	10,138	5,069	5,069	-	5,069	17.88	8.94	8.94	-	8.94	-	-	-	-	-	17.10	8.55
9,627	5,295	4,332	-	5,295	10,315	5,673	4,642	-	5,673	18.05	9.93	8.12	-	9.93	-	-	-	-	-	18.64	10.25
9,731	5,839	3,893	-	5,839	10,157	6,094	4,063	-	6,094	18.06	10.84	7.22	-	10.84	-	-	-	-	-	17.26	10.36
9,559	6,213	3,345	-	6,213	9,957	6,472	3,485	-	6,472	16.94	11.01	5.93	-	11.01	-	-	-	-	-	18.43	11.98
7,932	5,552	2,380	-	5,552	7,938	5,557	2,381	-	5,557	15.63	10.94	4.69	-	10.94	-	-	-	-	-	16.58	11.61
7,224	5,056	2,167	-	5,056	7,719	5,403	2,316	-	5,403	15.68	10.98	4.70	-	10.98	-	-	-	-	-	16.82	11.77
9,213	6,449	2,764	-	6,449	10,148	7,103	3,044	-	7,103	17.23	12.06	5.17	-	12.06	-	-	-	-	-	17.82	12.47
9,700	7,275	2,425	-	7,275	10,343	7,757	2,586	-	7,757	19.56	14.67	4.89	-	14.67	-	-	-	-	-	18.88	14.16
9,614	7,691	1,923	-	7,691	10,274	8,219	2,055	-	8,219	19.75	15.80	3.95	-	15.80	-	-	-	-	-	18.28	14.62
9,804	8,333	1,471	-	8,333	10,376	8,819	1,556	-	8,819	20.09	17.08	3.01	-	17.08	-	-	-	-	-	19.16	16.29
9,529	8,576	953	-	8,576	9,866	8,880	987	-	8,880	19.53	17.58	1.95	-	17.58	-	-	-	-	-	17.64	15.88
7,968	7,569	398	-	7,569	8,027	7,626	401	-	7,626	19.56	18.58	0.98	-	18.58	-	-	-	-	-	17.53	16.65
7,208	6,847	360	-	6,847	7,682	7,298	384	-	7,298	19.44	18.47	0.97	-	18.47	-	-	-	-	-	16.40	15.58
9,147	8,689	457	-	8,689	9,946	9,449	497	-	9,449	18.23	17.32	0.91	-	17.32	-	-	-	-	-	16.07	15.27
9,554	9,554	-	-	9,554	9,902	9,902	-	-	9,902	17.17	17.17	-	-	17.17	-	-	-	-	-	15.05	15.05
9,516	9,516	-	-	9,516	9,979	9,979	-	-	9,979	18.02	18.02	-	-	18.02	-	-	-	-	-	15.72	15.72
9,680	9,196	484	484	9,680	10,000	9,500	500	500	10,000	16.18	15.37	0.81	0.81	16.18	-	-	-	-	-	15.91	15.11
9,442	8,498	944	944	9,442	9,606	8,645	961	961	9,606	16.32	14.69	1.63	1.63	16.32	-	-	-	-	-	15.38	13.84
7,937	6,746	1,191	1,191	7,937	7,950	6,757	1,192	1,192	7,950	18.12	15.40	2.72	2.72	18.12	-	-	-	-	-	16.71	14.20
7,201	6,121	1,080	1,080	7,201	7,667	6,517	1,150	1,150	7,667	19.00	16.15	2.85	2.85	19.00	-	-	-	-	-	16.22	13.79
9,098	7,734	1,365	1,365	9,098	9,800	8,330	1,470	1,470	9,800	18.71	15.90	2.81	2.81	18.71	-	-	-	-	-	14.81	12.59
9,501	7,601	1,900	1,900	9,501	9,743	7,794	1,949	1,949	9,743	18.59	14.87	3.72	3.72	18.59	-	-	-	-	-	13.67	10.94

9,608	7,206	2,402	2,402	-	10,689	8,017	2,672	2,672	-	13.95	10.46	3.49	3.49	-	-	-	-	-	-	18.12	13.59
9,738	6,816	2,921	2,921	-	10,610	7,427	3,183	3,183	-	16.10	11.27	4.83	4.83	-	-	-	-	-	-	17.42	12.19
9,533	6,196	3,336	3,336	-	10,313	6,703	3,609	3,609	-	16.57	10.77	5.80	5.80	-	-	-	-	-	-	17.75	11.54
7,956	4,773	3,182	3,182	-	8,432	5,059	3,373	3,373	-	16.86	10.12	6.74	6.74	-	-	-	-	-	-	17.21	10.33
6,973	4,184	2,789	2,789	-	7,716	4,629	3,086	3,086	-	17.09	10.25	6.84	6.84	-	-	-	-	-	-	16.62	9.97
7,924	4,755	3,170	3,170	-	8,254	4,952	3,302	3,302	-	17.31	10.39	6.92	6.92	-	-	-	-	-	-	15.86	9.52
9,562	5,737	3,825	3,825	-	10,360	6,216	4,144	4,144	-	16.58	9.95	6.63	6.63	-	-	-	-	-	-	15.26	9.16
9,496	5,223	4,273	4,273	-	10,351	5,693	4,658	4,658	-	16.44	9.04	7.40	7.40	-	-	-	-	-	-	15.18	8.35
9,671	4,836	4,836	4,836	-	10,409	5,204	5,204	5,204	-	15.30	7.65	7.65	7.65	-	-	-	-	-	-	15.68	7.84
9,484	4,268	5,216	5,216	-	10,166	4,575	5,591	5,591	-	15.62	7.03	8.59	8.59	-	-	-	-	-	-	16.47	7.41
7,922	3,169	4,753	4,753	-	8,348	3,339	5,009	5,009	-	15.00	6.00	9.00	9.00	-	-	-	-	-	-	16.32	6.53
7,176	2,871	4,306	4,306	-	8,045	3,218	4,827	4,827	-	16.92	6.77	10.15	10.15	-	-	-	-	-	-	15.58	6.23
9,149	3,659	5,489	5,489	-	10,387	4,155	6,232	6,232	-	17.17	6.87	10.30	10.30	-	-	-	-	-	-	16.12	6.45
9,590	3,356	6,233	6,233	-	10,445	3,656	6,789	6,789	-	14.98	5.24	9.74	9.74	-	-	-	-	-	-	15.99	5.60
9,566	2,870	6,696	6,696	-	10,563	3,169	7,394	7,394	-	15.78	4.73	11.05	11.05	-	-	-	-	-	-	17.02	5.11
9,714	2,428	7,285	7,285	-	10,538	2,635	7,904	7,904	-	14.88	3.72	11.16	11.16	-	-	-	-	-	-	16.80	4.20
9,475	1,895	7,580	7,580	-	10,137	2,027	8,110	8,110	-	14.22	2.84	11.38	11.38	-	-	-	-	-	-	16.23	3.25
7,887	1,183	6,704	6,704	-	8,260	1,239	7,021	7,021	-	14.87	2.23	12.64	12.64	-	-	-	-	-	-	15.40	2.31
7,139	1,071	6,068	6,068	-	7,958	1,194	6,764	6,764	-	14.91	2.24	12.67	12.67	-	-	-	-	-	-	14.59	2.19
9,073	1,361	7,712	7,712	-	10,157	1,524	8,634	8,634	-	14.36	2.15	12.21	12.21	-	-	-	-	-	-	14.13	2.12
9,553	955	8,597	8,597	-	10,332	1,033	9,299	9,299	-	14.67	1.47	13.20	13.20	-	-	-	-	-	-	15.01	1.50
9,480	474	9,006	9,006	-	10,304	515	9,789	9,789	-	15.49	0.77	14.72	14.72	-	-	-	-	-	-	14.77	0.74
9,622	-	9,622	9,622	-	10,259	-	10,259	10,259	-	14.38	-	14.38	14.38	-	-	-	-	-	-	14.39	-
9,384	-	9,384	9,384	-	9,864	-	9,864	9,864	-	14.91	-	14.91	14.91	-	-	-	-	-	-	13.85	-
7,800	390	7,410	7,800	390	8,046	402	7,644	8,046	402	15.94	0.80	15.14	15.94	0.80	-	-	-	-	-	13.13	0.66
7,049	352	6,696	7,049	352	7,750	387	7,362	7,750	387	15.13	0.76	14.37	15.13	0.76	-	-	-	-	-	12.23	0.61
9,048	452	8,595	9,048	452	10,082	504	9,578	10,082	504	14.32	0.72	13.60	14.32	0.72	-	-	-	-	-	13.48	0.67
9,465	946	8,518	9,465	946	10,066	1,007	9,059	10,066	1,007	13.90	1.39	12.51	13.90	1.39	-	-	-	-	-	12.71	1.27
9,359	1,404	7,955	9,359	1,404	9,937	1,491	8,447	9,937	1,491	13.70	2.06	11.65	13.70	2.06	-	-	-	-	-	11.59	1.74
9,476	1,895	7,580	9,476	1,895	9,818	1,964	7,854	9,818	1,964	15.01	3.00	12.01	15.01	3.00	-	-	-	-	-	10.55	2.11
9,326	2,331	6,994	-	2,331	9,429	2,357	7,072	-	2,357	15.26	3.82	11.45	-	3.82	-	-	-	-	-	14.19	3.55
7,783	2,335	5,448	-	2,335	7,708	2,312	5,396	-	2,312	16.20	4.86	11.34	-	4.86	-	-	-	-	-	14.57	4.37
7,098	2,129	4,969	-	2,129	7,567	2,270	5,297	-	2,270	14.51	4.35	10.16	-	4.35	-	-	-	-	-	15.53	4.66
9,028	2,709	6,320	-	2,709	9,774	2,932	6,841	-	2,932	14.54	4.36	10.18	-	4.36	-	-	-	-	-	14.91	4.47
9,418	3,296	6,122	-	3,296	9,655	3,379	6,276	-	3,379	14.52	5.08	9.44	-	5.08	-	-	-	-	-	13.25	4.64
9,344	3,737	5,606	-	3,737	9,616	3,847	5,770	-	3,847	16.29	6.52	9.77	-	6.52	-	-	-	-	-	12.92	5.17
9,519	4,283	5,235	-	4,283	9,679	4,356	5,324	-	4,356	17.18	7.73	9.45	-	7.73	-	-	-	-	-	13.46	6.06
9,310	4,655	4,655	-	4,655	9,374	4,687	4,687	-	4,687	15.15	7.58	7.58	-	7.58	-	-	-	-	-	13.72	6.86
7,719	4,246	3,474	-	4,246	7,532	4,142	3,389	-	4,142	14.49	7.97	6.52	-	7.97	-	-	-	-	-	12.71	6.99
6,991	3,845	3,146	-	3,845	7,290	4,009	3,280	-	4,009	13.67	7.52	6.15	-	7.52	-	-	-	-	-	12.39	6.81
8,937	4,915	4,022	-	4,915	9,463	5,205	4,258	-	5,205	12.56	6.91	5.65	-	6.91	-	-	-	-	-	12.22	6.72
9,355	5,613	3,742	-	5,613	9,441	5,664	3,776	-	5,664	15.49	9.29	6.20	-	9.29	-	-	-	-	-	11.39	6.83
9,312	6,053	3,259	-	6,053	9,507	6,180	3,328	-	6,180	15.30	9.95	5.36	-	9.95	-	-	-	-	-	11.97	7.78
9,458	6,621	2,838	-	6,621	9,476	6,633	2,843	-	6,633	15.55	10.89	4.67	-	10.89	-	-	-	-	-	11.70	8.19
9,221	6,916	2,305	-	6,916	9,075	6,806	2,269	-	6,806	15.60	11.70	3.90	-	11.70	-	-	-	-	-	11.12	8.34
7,654	6,123	1,531	-	6,123	7,350	5,880	1,470	-	5,880	14.82	11.86	2.96	-	11.86	-	-	-	-	-	10.78	8.62
6,857	5,486	1,371	-	5,486	6,943	5,555	1,389	-	5,555	10.17	8.14	2.03	-	8.14	-	-	-	-	-	8.45	6.76

8,843	7,074	1,769	-	7,074	9,145	7,316	1,829	-	7,316	7.08	5.66	1.42	-	5.66	-	-	-	-	-	9.46	7.57
9,279	7,887	1,392	-	7,887	9,181	7,804	1,377	-	7,804	9.71	8.25	1.46	-	8.25	-	-	-	-	-	9.14	7.77
9,262	8,336	926	-	8,336	9,339	8,405	934	-	8,405	10.41	9.37	1.04	-	9.37	-	-	-	-	-	10.51	9.46
9,407	8,937	470	-	8,937	9,301	8,836	465	-	8,836	11.69	11.11	0.58	-	11.11	-	-	-	-	-	10.18	9.67
9,178	9,178	-	-	9,178	8,928	8,928	-	-	8,928	12.68	12.68	-	-	12.68	-	-	-	-	-	9.84	9.84
7,562	7,562	-	-	7,562	7,092	7,092	-	-	7,092	13.01	13.01	-	-	13.01	-	-	-	-	-	8.06	8.06
6,794	6,794	-	-	6,794	6,712	6,712	-	-	6,712	12.78	12.78	-	-	12.78	-	-	-	-	-	5.83	5.83
8,774	8,774	-	-	8,774	8,910	8,910	-	-	8,910	13.97	13.97	-	-	13.97	-	-	-	-	-	7.42	7.42
9,166	8,708	458	458	9,166	8,885	8,441	444	444	8,885	12.80	12.16	0.64	0.64	12.80	-	-	-	-	-	6.57	6.24
9,072	8,165	907	907	9,072	8,697	7,827	870	870	8,697	7.38	6.64	0.74	0.74	7.38	-	-	-	-	-	4.94	4.45
9,203	7,822	1,380	1,380	9,203	8,620	7,327	1,293	1,293	8,620	11.09	9.43	1.66	1.66	11.09	-	-	-	-	-	4.27	3.63
8,847	7,078	1,769	1,769	8,847	7,967	6,373	1,593	1,593	7,967	8.68	6.94	1.74	1.74	8.68	-	-	-	-	-	1.51	1.21
7,384	5,538	1,846	1,846	7,384	6,641	4,981	1,660	1,660	6,641	2.12	1.59	0.53	0.53	2.12	-	-	-	-	-	3.30	2.48
6,617	4,963	1,654	1,654	6,617	6,403	4,803	1,601	1,601	6,403	1.92	1.44	0.48	0.48	1.92	-	-	-	-	-	2.32	1.74
8,892	6,669	2,223	2,223	-	10,270	7,703	2,568	2,568	-	0.85	0.64	0.21	0.21	-	-	-	-	-	-	10.89	8.17
9,301	6,511	2,790	2,790	-	10,217	7,152	3,065	3,065	-	6.74	4.72	2.02	2.02	-	-	-	-	-	-	9.80	6.86
9,153	5,949	3,203	3,203	-	9,929	6,454	3,475	3,475	-	7.67	4.99	2.68	2.68	-	-	-	-	-	-	7.30	4.75
9,353	5,612	3,741	3,741	-	10,079	6,048	4,032	4,032	-	5.86	3.52	2.34	2.34	-	-	-	-	-	-	8.60	5.16
9,153	5,034	4,119	4,119	-	9,802	5,391	4,411	4,411	-	1.26	0.69	0.57	0.57	-	-	-	-	-	-	9.10	5.01
7,558	3,779	3,779	3,779	-	8,041	4,021	4,021	4,021	-	-	-	-	-	-	5.54	2.77	2.77	2.77	-	7.95	3.98
6,801	3,400	3,400	3,400	-	7,756	3,878	3,878	3,878	-	-	-	-	-	-	4.52	2.26	2.26	2.26	-	6.78	3.39
8,737	4,369	4,369	4,369	-	9,745	4,873	4,873	4,873	-	-	-	-	-	-	1.79	0.90	0.90	0.90	-	6.34	3.17
9,157	4,120	5,036	5,036	-	9,773	4,398	5,375	5,375	-	1.35	0.61	0.74	0.74	-	-	-	-	-	-	5.95	2.68
9,065	4,079	4,986	4,986	-	9,630	4,334	5,297	5,297	-	3.14	1.41	1.73	1.73	-	-	-	-	-	-	4.71	2.12
9,231	3,692	5,539	5,539	-	9,664	3,866	5,798	5,798	-	7.39	2.96	4.43	4.43	-	-	-	-	-	-	5.00	2.00
9,046	3,166	5,880	5,880	-	9,393	3,288	6,106	6,106	-	6.79	2.38	4.41	4.41	-	-	-	-	-	-	5.55	1.94
7,433	2,230	5,203	5,203	-	7,695	2,308	5,386	5,386	-	2.50	0.75	1.75	1.75	-	-	-	-	-	-	4.29	1.29
6,698	2,009	4,689	4,689	-	7,448	2,234	5,214	5,214	-	-	-	-	-	-	5.29	1.59	3.70	3.70	-	3.29	0.99
8,607	2,582	6,025	6,025	-	9,280	2,784	6,496	6,496	-	-	-	-	-	-	3.41	1.02	2.39	2.39	-	2.30	0.69
8,978	2,244	6,733	6,733	-	9,222	2,306	6,917	6,917	-	-	-	-	-	-	0.41	0.10	0.31	0.31	-	1.17	0.29
8,871	1,774	7,097	7,097	-	9,126	1,825	7,300	7,300	-	4.02	0.80	3.22	3.22	-	-	-	-	-	-	0.33	0.07
8,989	1,348	7,640	7,640	-	9,091	1,364	7,728	7,728	-	5.84	0.88	4.96	4.96	-	-	-	-	-	-	0.03	0.00
8,887	889	7,998	7,998	-	8,930	893	8,037	8,037	-	7.04	0.70	6.34	6.34	-	-	-	-	-	-	1.53	0.15
7,316	366	6,951	6,951	-	7,469	373	7,096	7,096	-	4.27	0.21	4.06	4.06	-	-	-	-	-	-	1.91	0.10
6,678	334	6,344	6,344	-	7,495	375	7,120	7,120	-	6.86	0.34	6.52	6.52	-	-	-	-	-	-	3.81	0.19
8,594	430	8,164	8,164	-	9,335	467	8,869	8,869	-	3.73	0.19	3.54	3.54	-	-	-	-	-	-	2.78	0.14
9,028	-	9,028	9,028	-	9,375	-	9,375	9,375	-	-	-	-	-	-	6.27	-	6.27	6.27	-	2.49	-
8,842	442	8,400	8,842	442	9,114	456	8,658	9,114	456	-	-	-	-	-	5.26	0.26	5.00	5.26	0.26	0.23	0.01
6,442	644	5,798	6,442	644	7,935	793	7,141	7,935	793	-	-	-	-	-	0.29	0.03	0.26	0.29	0.03	0.97	0.10
6,530	653	5,877	6,530	653	7,463	746	6,717	7,463	746	0.25	0.03	0.23	0.25	0.03	-	-	-	-	-	0.74	0.07
6,729	673	6,056	6,729	673	7,013	701	6,312	7,013	701	-	-	-	-	-	6.66	0.67	5.99	6.66	0.67	-	-
6,487	649	5,839	6,487	649	7,170	717	6,453	7,170	717	-	-	-	-	-	5.46	0.55	4.91	5.46	0.55	0.12	0.01
8,470	847	7,623	8,470	847	9,071	907	8,164	9,071	907	-	-	-	-	-	4.65	0.47	4.19	4.65	0.47	0.49	0.05
8,874	1,331	7,543	8,874	1,331	9,088	1,363	7,724	9,088	1,363	-	-	-	-	-	6.59	0.99	5.60	6.59	0.99	-	-
8,966	1,793	7,173	-	1,793	8,958	1,792	7,167	-	1,792	-	-	-	-	-	2.33	0.47	1.86	-	0.47	4.80	0.96
9,113	2,278	6,835	-	2,278	9,011	2,253	6,758	-	2,253	-	-	-	-	-	1.56	0.39	1.17	-	0.39	5.25	1.31
8,917	2,675	6,242	-	2,675	8,743	2,623	6,120	-	2,623	-	-	-	-	-	3.39	1.02	2.37	-	1.02	5.83	1.75

7,331	2,566	4,765	-	2,566	6,804	2,381	4,423	-	2,381	-	-	-	-	-	1.64	0.57	1.07	-	0.57	2.09	0.73
6,605	2,312	4,293	-	2,312	6,833	2,391	4,441	-	2,391	2.07	0.72	1.35	-	0.72	-	-	-	-	-	4.04	1.41
8,525	2,984	5,541	-	2,984	8,744	3,061	5,684	-	3,061	3.51	1.23	2.28	-	1.23	-	-	-	-	-	3.56	1.25
8,872	3,549	5,323	-	3,549	8,411	3,364	5,047	-	3,364	3.69	1.48	2.21	-	1.48	-	-	-	-	-	-	-
8,889	4,000	4,889	-	4,000	8,534	3,840	4,694	-	3,840	6.50	2.93	3.58	-	2.93	-	-	-	-	-	1.11	0.50
9,147	4,573	4,573	-	4,573	9,250	4,625	4,625	-	4,625	5.06	2.53	2.53	-	2.53	-	-	-	-	-	7.33	3.67
8,947	4,921	4,026	-	4,921	8,817	4,849	3,968	-	4,849	6.32	3.48	2.84	-	3.48	-	-	-	-	-	6.47	3.56
7,221	4,332	2,888	-	4,332	6,618	3,971	2,647	-	3,971	7.76	4.66	3.10	-	4.66	-	-	-	-	-	0.10	0.06
6,522	3,913	2,609	-	3,913	6,564	3,939	2,626	-	3,939	6.31	3.79	2.52	-	3.79	-	-	-	-	-	0.97	0.58
8,519	5,112	3,408	-	5,112	8,641	5,185	3,457	-	5,185	5.81	3.49	2.32	-	3.49	-	-	-	-	-	2.68	1.61
8,990	5,843	3,146	-	5,843	8,920	5,798	3,122	-	5,798	5.55	3.61	1.94	-	3.61	-	-	-	-	-	4.45	2.89
8,839	6,187	2,652	-	6,187	8,471	5,930	2,541	-	5,930	5.60	3.92	1.68	-	3.92	-	-	-	-	-	0.29	0.20
8,966	6,725	2,242	-	6,725	8,416	6,312	2,104	-	6,312	8.34	6.26	2.09	-	6.26	-	-	-	-	-	0.07	0.05
8,770	7,016	1,754	-	7,016	8,093	6,474	1,619	-	6,474	7.18	5.74	1.44	-	5.74	-	-	-	-	-	0.18	0.14
7,187	6,109	1,078	-	6,109	6,613	5,621	992	-	5,621	8.44	7.17	1.27	-	7.17	-	-	-	-	-	0.07	0.06
6,467	5,497	970	-	5,497	6,478	5,507	972	-	5,507	9.60	8.16	1.44	-	8.16	-	-	-	-	-	-	-
8,309	7,062	1,246	-	7,062	8,451	7,183	1,268	-	7,183	3.13	2.66	0.47	-	2.66	-	-	-	-	-	-	-
8,846	7,961	885	-	7,961	8,154	7,339	815	-	7,339	-	-	-	-	-	1.18	1.06	0.12	-	1.06	0.36	0.32
8,847	8,404	442	-	8,404	8,067	7,663	403	-	7,663	-	-	-	-	-	7.43	7.06	0.37	-	7.06	2.91	2.76
9,051	9,051	-	-	9,051	7,672	7,672	-	-	7,672	-	-	-	-	-	7.30	7.30	-	-	7.30	2.41	2.41
6,621	6,621	-	-	6,621	6,361	6,361	-	-	6,361	-	-	-	-	-	2.50	2.50	-	-	2.50	1.38	1.38
5,765	5,477	288	288	5,765	5,618	5,337	281	281	5,618	-	-	-	-	-	0.57	0.54	0.03	0.03	0.57	0.09	0.09
5,897	5,602	295	295	5,897	6,030	5,729	302	302	6,030	1.03	0.98	0.05	0.05	1.03	-	-	-	-	-	-	-
7,831	7,439	392	392	7,831	7,920	7,524	396	396	7,920	1.50	1.43	0.08	0.08	1.50	-	-	-	-	-	0.08	0.08
8,186	7,777	409	409	8,186	7,964	7,566	398	398	7,964	3.37	3.20	0.17	0.17	3.37	-	-	-	-	-	1.73	1.64
8,219	7,397	822	822	8,219	8,138	7,324	814	814	8,138	6.33	5.70	0.63	0.63	6.33	-	-	-	-	-	3.28	2.95
7,930	6,741	1,190	1,190	7,930	7,465	6,345	1,120	1,120	7,465	6.78	5.76	1.02	1.02	6.78	-	-	-	-	-	0.59	0.50
5,928	4,743	1,186	1,186	5,928	7,022	5,618	1,404	1,404	7,022	7.94	6.35	1.59	1.59	7.94	-	-	-	-	-	0.06	0.05
5,031	4,779	252	252	-	4,763	4,525	238	238	-	7.59	7.21	0.38	0.38	-	-	-	-	-	-	1.41	1.34
5,753	5,465	288	288	-	5,737	5,450	287	287	-	9.17	8.71	0.46	0.46	-	-	-	-	-	-	6.42	6.10
7,445	7,073	372	372	-	7,738	7,352	387	387	-	-	-	-	-	-	3.05	2.90	0.15	0.15	-	5.05	4.80
7,728	6,955	773	773	-	7,823	7,041	782	782	-	-	-	-	-	-	5.20	4.68	0.52	0.52	-	4.28	3.85
7,649	6,502	1,147	1,147	-	7,421	6,308	1,113	1,113	-	0.06	0.05	0.01	0.01	-	-	-	-	-	-	1.16	0.99
7,902	6,322	1,580	1,580	-	7,155	5,724	1,431	1,431	-	-	-	-	-	-	1.14	0.91	0.23	0.23	-	0.49	0.39
7,661	5,746	1,915	1,915	-	6,970	5,227	1,742	1,742	-	1.40	1.05	0.35	0.35	-	-	-	-	-	-	1.07	0.80
6,156	4,309	1,847	1,847	-	5,440	3,808	1,632	1,632	-	0.65	0.46	0.20	0.20	-	-	-	-	-	-	0.19	0.13
5,528	3,870	1,659	1,659	-	5,285	3,700	1,586	1,586	-	5.51	3.86	1.65	1.65	-	-	-	-	-	-	-	-
7,461	5,223	2,238	2,238	-	7,126	4,988	2,138	2,138	-	2.95	2.07	0.89	0.89	-	-	-	-	-	-	0.63	0.44
7,914	5,144	2,770	2,770	-	7,420	4,823	2,597	2,597	-	-	-	-	-	-	4.60	2.99	1.61	1.61	-	2.89	1.88
7,832	4,699	3,133	3,133	-	7,272	4,363	2,909	2,909	-	-	-	-	-	-	3.21	1.93	1.28	1.28	-	1.58	0.95
7,980	4,389	3,591	3,591	-	7,483	4,116	3,367	3,367	-	-	-	-	-	-	3.02	1.66	1.36	1.36	-	3.41	1.88
7,682	3,841	3,841	3,841	-	6,780	3,390	3,390	3,390	-	-	-	-	-	-	5.72	2.86	2.86	2.86	-	-	-
6,238	2,807	3,431	3,431	-	5,315	2,392	2,923	2,923	-	-	-	-	-	-	5.71	2.57	3.14	3.14	-	-	-
5,597	2,519	3,078	3,078	-	4,879	2,196	2,683	2,683	-	-	-	-	-	-	2.29	1.03	1.26	1.26	-	-	-
7,420	3,339	4,081	4,081	-	5,437	2,447	2,990	2,990	-	-	-	-	-	-	7.69	3.46	4.23	4.23	-	-	-
7,792	3,117	4,675	4,675	-	7,142	2,857	4,285	4,285	-	-	-	-	-	-	14.00	5.60	8.40	8.40	-	-	-
7,746	2,711	5,035	5,035	-	7,122	2,493	4,629	4,629	-	-	-	-	-	-	7.14	2.50	4.64	4.64	-	-	-

7,888	2,366	5,522	5,522	-	7,098	2,129	4,969	4,969	-	-	-	-	-	-	2.21	0.66	1.55	1.55	-	-
7,661	1,915	5,746	5,746	-	6,812	1,703	5,109	5,109	-	-	-	-	-	-	2.08	0.52	1.56	1.56	-	-
6,281	1,256	5,025	5,025	-	5,547	1,109	4,437	4,437	-	-	-	-	-	-	11.74	2.35	9.39	9.39	-	2.35
5,675	1,135	4,540	4,540	-	5,361	1,072	4,288	4,288	-	-	-	-	-	-	18.83	3.77	15.06	15.06	-	1.92
7,396	1,479	5,916	5,916	-	7,111	1,422	5,689	5,689	-	-	-	-	-	-	15.91	3.18	12.73	12.73	-	0.15
7,823	1,173	6,649	6,649	-	7,106	1,066	6,040	6,040	-	-	-	-	-	-	13.30	2.00	11.31	11.31	-	-
7,768	777	6,991	6,991	-	7,096	710	6,387	6,387	-	-	-	-	-	-	7.99	0.80	7.19	7.19	-	-
7,891	395	7,497	7,497	-	7,096	355	6,741	6,741	-	-	-	-	-	-	3.90	0.20	3.71	3.71	-	-
7,694	-	7,694	7,694	-	6,783	-	6,783	6,783	-	-	-	-	-	-	6.69	-	6.69	6.69	-	0.03
6,267	313	5,954	6,267	313	5,336	267	5,069	5,336	267	-	-	-	-	-	18.34	0.92	17.42	18.34	0.92	0.24
5,632	282	5,350	5,632	282	5,276	264	5,012	5,276	264	-	-	-	-	-	19.88	0.99	18.89	19.88	0.99	0.91
7,429	371	7,057	7,429	371	7,037	352	6,686	7,037	352	-	-	-	-	-	13.27	0.66	12.61	13.27	0.66	-
7,832	783	7,048	-	783	7,634	763	6,871	-	763	-	-	-	-	-	7.19	0.72	6.47	-	0.72	-
7,784	1,168	6,617	-	1,168	7,655	1,148	6,507	-	1,148	0.63	0.09	0.54	-	0.09	-	-	-	-	-	0.19
7,901	1,580	6,321	-	1,580	7,638	1,528	6,110	-	1,528	5.54	1.11	4.43	-	1.11	-	-	-	-	-	0.03
7,685	1,921	5,764	-	1,921	7,341	1,835	5,506	-	1,835	6.14	1.54	4.61	-	1.54	-	-	-	-	-	0.17
6,129	1,839	4,290	-	1,839	6,036	1,811	4,225	-	1,811	-	-	-	-	-	5.08	1.52	3.56	-	1.52	0.34
5,593	1,678	3,915	-	1,678	5,817	1,745	4,072	-	1,745	-	-	-	-	-	7.85	2.36	5.50	-	2.36	0.50
7,430	2,229	5,201	-	2,229	7,582	2,275	5,307	-	2,275	-	-	-	-	-	8.91	2.67	6.24	-	2.67	0.04
7,814	2,735	5,079	-	2,735	7,657	2,680	4,977	-	2,680	-	-	-	-	-	12.13	4.25	7.88	-	4.25	-
7,768	3,107	4,661	-	3,107	7,637	3,055	4,582	-	3,055	-	-	-	-	-	10.45	4.18	6.27	-	4.18	-
7,894	3,552	4,342	-	3,552	7,634	3,435	4,199	-	3,435	-	-	-	-	-	8.87	3.99	4.88	-	3.99	-
7,722	3,861	3,861	-	3,861	7,413	3,706	3,706	-	3,706	-	-	-	-	-	3.50	1.75	1.75	-	1.75	0.83
6,283	3,455	2,827	-	3,455	5,992	3,296	2,696	-	3,296	0.67	0.37	0.30	-	0.37	-	-	-	-	-	1.46
5,569	3,063	2,506	-	3,063	5,836	3,210	2,626	-	3,210	-	-	-	-	-	2.02	1.11	0.91	-	1.11	0.42
7,426	4,084	3,342	-	4,084	7,604	4,182	3,422	-	4,182	-	-	-	-	-	11.85	6.52	5.33	-	6.52	0.13
7,862	4,717	3,145	-	4,717	7,662	4,597	3,065	-	4,597	-	-	-	-	-	6.12	3.67	2.45	-	3.67	0.25
7,799	5,069	2,730	-	5,069	7,710	5,012	2,699	-	5,012	2.35	1.53	0.82	-	1.53	-	-	-	-	-	0.62
7,867	5,507	2,360	-	5,507	7,840	5,488	2,352	-	5,488	7.06	4.94	2.12	-	4.94	-	-	-	-	-	0.97
7,744	5,808	1,936	-	5,808	7,456	5,592	1,864	-	5,592	8.06	6.05	2.02	-	6.05	-	-	-	-	-	1.19
6,327	5,062	1,265	-	5,062	6,186	4,948	1,237	-	4,948	0.61	0.49	0.12	-	0.49	-	-	-	-	-	3.66
5,710	4,568	1,142	-	4,568	5,920	4,736	1,184	-	4,736	-	-	-	-	-	1.56	1.25	0.31	-	1.25	2.17
7,561	6,049	1,512	-	6,049	8,115	6,492	1,623	-	6,492	3.55	2.84	0.71	-	2.84	-	-	-	-	-	4.85
8,008	6,807	1,201	-	6,807	8,325	7,076	1,249	-	7,076	6.24	5.30	0.94	-	5.30	-	-	-	-	-	6.20
7,927	7,134	793	-	7,134	8,451	7,605	845	-	7,605	7.01	6.31	0.70	-	6.31	-	-	-	-	-	7.33
8,038	7,636	402	-	7,636	8,251	7,839	413	-	7,839	6.57	6.24	0.33	-	6.24	-	-	-	-	-	5.54
7,809	7,809	-	-	7,809	7,811	7,811	-	-	7,811	7.51	7.51	-	-	7.51	-	-	-	-	-	4.42
6,361	6,361	-	-	6,361	6,137	6,137	-	-	6,137	7.77	7.77	-	-	7.77	-	-	-	-	-	3.17
5,700	5,700	-	-	5,700	6,085	6,085	-	-	6,085	6.96	6.96	-	-	6.96	-	-	-	-	-	4.13
7,506	7,506	-	-	7,506	7,874	7,874	-	-	7,874	2.86	2.86	-	-	2.86	-	-	-	-	-	2.64
7,866	7,472	393	393	-	8,197	7,787	410	410	-	-	-	-	-	-	0.89	0.85	0.04	0.04	-	1.01
7,858	7,072	786	786	-	8,395	7,556	840	840	-	0.97	0.87	0.10	0.10	-	-	-	-	-	-	2.79
7,947	6,755	1,192	1,192	-	8,275	7,033	1,241	1,241	-	3.87	3.29	0.58	0.58	-	-	-	-	-	-	1.71
7,688	6,151	1,538	1,538	-	7,773	6,218	1,555	1,555	-	6.35	5.08	1.27	1.27	-	-	-	-	-	-	0.04
6,249	4,687	1,562	1,562	-	6,316	4,737	1,579	1,579	-	7.25	5.44	1.81	1.81	-	-	-	-	-	-	0.15
5,603	4,202	1,401	1,401	-	6,188	4,641	1,547	1,547	-	9.07	6.80	2.27	2.27	-	-	-	-	-	-	-
7,447	5,585	1,862	1,862	-	8,078	6,058	2,019	2,019	-	10.28	7.71	2.57	2.57	-	-	-	-	-	-	0.47

7,847	5,493	2,354	2,354	-	8,125	5,687	2,437	2,437	-	10.16	7.11	3.05	3.05	-	-	-	-	-	-	0.36	0.25
7,789	5,063	2,726	2,726	-	8,142	5,292	2,850	2,850	-	10.16	6.60	3.56	3.56	-	-	-	-	-	-	0.52	0.34
7,917	4,750	3,167	3,167	-	8,163	4,898	3,265	3,265	-	7.38	4.43	2.95	2.95	-	-	-	-	-	-	0.71	0.43
7,725	4,635	3,090	3,090	-	7,903	4,742	3,161	3,161	-	10.89	6.53	4.36	4.36	-	-	-	-	-	-	1.21	0.73
6,313	3,472	2,841	2,841	-	6,501	3,575	2,925	2,925	-	0.18	0.10	0.08	0.08	-	-	-	-	-	-	2.21	1.22
5,650	3,108	2,543	2,543	-	6,315	3,473	2,842	2,842	-	-	-	-	-	-	12.57	6.91	5.66	5.66	-	1.51	0.83
7,493	4,121	3,372	3,372	-	8,243	4,534	3,709	3,709	-	-	-	-	-	-	1.25	0.69	0.56	0.56	-	1.95	1.07
7,941	3,970	3,970	3,970	-	8,465	4,232	4,232	4,232	-	5.94	2.97	2.97	2.97	-	-	-	-	-	-	3.42	1.71
7,957	3,580	4,376	4,376	-	8,748	3,937	4,812	4,812	-	6.04	2.72	3.32	3.32	-	-	-	-	-	-	5.96	2.68
7,973	3,189	4,784	4,784	-	8,365	3,346	5,019	5,019	-	5.18	2.07	3.11	3.11	-	-	-	-	-	-	2.52	1.01
7,823	2,738	5,085	5,085	-	8,258	2,890	5,367	5,367	-	8.65	3.03	5.62	5.62	-	-	-	-	-	-	4.39	1.54
6,394	1,918	4,475	4,475	-	6,735	2,021	4,715	4,715	-	10.21	3.06	7.15	7.15	-	-	-	-	-	-	4.82	1.45
5,763	1,729	4,034	4,034	-	6,621	1,986	4,635	4,635	-	5.82	1.75	4.07	4.07	-	-	-	-	-	-	5.18	1.55
7,529	2,259	5,271	5,271	-	8,374	2,512	5,862	5,862	-	3.33	1.00	2.33	2.33	-	-	-	-	-	-	3.13	0.94
7,961	1,990	5,970	5,970	-	8,535	2,134	6,401	6,401	-	7.95	1.99	5.96	5.96	-	-	-	-	-	-	4.05	1.01
7,886	1,577	6,308	6,308	-	8,489	1,698	6,791	6,791	-	10.98	2.20	8.78	8.78	-	-	-	-	-	-	3.63	0.73
8,064	1,210	6,855	6,855	-	8,693	1,304	7,389	7,389	-	5.87	0.88	4.99	4.99	-	-	-	-	-	-	5.47	0.82
7,883	1,182	6,700	6,700	-	8,473	1,271	7,202	7,202	-	2.20	0.33	1.87	1.87	-	-	-	-	-	-	6.33	0.95
6,518	652	5,867	5,867	-	7,099	710	6,389	6,389	-	1.40	0.14	1.26	1.26	-	-	-	-	-	-	8.88	0.89
5,909	591	5,318	5,318	-	7,015	701	6,313	6,313	-	2.81	0.28	2.53	2.53	-	-	-	-	-	-	9.90	0.99
7,665	767	6,899	6,899	-	8,864	886	7,978	7,978	-	5.39	0.54	4.85	4.85	-	-	-	-	-	-	7.53	0.75
8,054	403	7,651	7,651	-	8,873	444	8,429	8,429	-	7.28	0.36	6.92	6.92	-	-	-	-	-	-	7.08	0.35
7,980	-	7,980	7,980	-	8,831	-	8,831	8,831	-	8.94	-	8.94	8.94	-	-	-	-	-	-	6.71	-
8,146	407	7,738	8,146	407	8,987	449	8,538	8,987	449	11.55	0.58	10.97	11.55	0.58	-	-	-	-	-	8.10	0.41
7,719	772	6,947	-	772	7,598	760	6,838	-	760	9.55	0.96	8.60	-	0.96	-	-	-	-	-	0.97	0.10
6,264	940	5,325	-	940	6,077	912	5,165	-	912	5.29	0.79	4.50	-	0.79	-	-	-	-	-	0.58	0.09
5,653	848	4,805	-	848	6,041	906	5,135	-	906	4.02	0.60	3.42	-	0.60	-	-	-	-	-	1.56	0.23
7,589	1,138	6,450	-	1,138	8,307	1,246	7,061	-	1,246	6.46	0.97	5.49	-	0.97	-	-	-	-	-	5.02	0.75
7,923	1,585	6,338	-	1,585	8,118	1,624	6,494	-	1,624	12.06	2.41	9.65	-	2.41	-	-	-	-	-	2.79	0.56
7,843	1,961	5,882	-	1,961	8,054	2,013	6,040	-	2,013	14.37	3.59	10.78	-	3.59	-	-	-	-	-	2.22	0.56
8,025	2,407	5,617	-	2,407	8,270	2,481	5,789	-	2,481	9.73	2.92	6.81	-	2.92	-	-	-	-	-	4.16	1.25
7,895	2,763	5,132	-	2,763	8,235	2,882	5,353	-	2,882	2.11	0.74	1.37	-	0.74	-	-	-	-	-	6.68	2.34
6,429	2,572	3,858	-	2,572	6,558	2,623	3,935	-	2,623	-	-	-	-	-	1.98	0.79	1.19	-	0.79	5.95	2.38
5,774	2,310	3,464	-	2,310	6,369	2,548	3,822	-	2,548	-	-	-	-	-	1.77	0.71	1.06	-	0.71	5.49	2.20
7,660	3,064	4,596	-	3,064	8,564	3,426	5,138	-	3,426	3.08	1.23	1.85	-	1.23	-	-	-	-	-	7.33	2.93
8,119	3,654	4,465	-	3,654	8,828	3,973	4,855	-	3,973	7.35	3.31	4.04	-	3.31	-	-	-	-	-	9.17	4.13
8,075	4,037	4,037	-	4,037	8,894	4,447	4,447	-	4,447	9.05	4.53	4.53	-	4.53	-	-	-	-	-	9.76	4.88
8,161	4,488	3,672	-	4,488	8,762	4,819	3,943	-	4,819	11.32	6.23	5.09	-	6.23	-	-	-	-	-	8.58	4.72
7,926	4,756	3,170	-	4,756	8,038	4,823	3,215	-	4,823	11.48	6.89	4.59	-	6.89	-	-	-	-	-	7.69	4.61
6,355	4,131	2,224	-	4,131	6,342	4,122	2,220	-	4,122	11.23	7.30	3.93	-	7.30	-	-	-	-	-	3.53	2.29
5,746	3,735	2,011	-	3,735	6,293	4,090	2,203	-	4,090	12.24	7.96	4.28	-	7.96	-	-	-	-	-	4.58	2.98
7,631	4,960	2,671	-	4,960	8,459	5,498	2,961	-	5,498	12.03	7.82	4.21	-	7.82	-	-	-	-	-	6.38	4.15
8,084	5,659	2,425	-	5,659	8,700	6,090	2,610	-	6,090	7.15	5.01	2.15	-	5.01	-	-	-	-	-	8.02	5.61
7,990	5,993	1,998	-	5,993	8,587	6,440	2,147	-	6,440	5.40	4.05	1.35	-	4.05	-	-	-	-	-	7.00	5.25
8,151	6,521	1,630	-	6,521	8,726	6,981	1,745	-	6,981	9.00	7.20	1.80	-	7.20	-	-	-	-	-	8.25	6.60
7,962	6,768	1,194	-	6,768	8,478	7,206	1,272	-	7,206	8.93	7.59	1.34	-	7.59	-	-	-	-	-	8.86	7.53
6,539	5,558	981	-	5,558	6,878	5,846	1,032	-	5,846	9.69	8.24	1.45	-	8.24	-	-	-	-	-	9.51	8.08

5,915	5,027	887	-	5,027	6,750	5,737	1,012	-	5,737	10.99	9.34	1.65	-	9.34	-	-	-	-	-	10.05	8.54
7,753	6,590	1,163	-	6,590	8,901	7,566	1,335	-	7,566	11.70	9.95	1.76	-	9.95	-	-	-	-	-	10.35	8.80
8,181	7,363	818	-	7,363	9,053	8,147	905	-	8,147	11.25	10.13	1.13	-	10.13	-	-	-	-	-	11.18	10.06
8,151	7,743	408	-	7,743	9,167	8,708	458	-	8,708	12.06	11.46	0.60	-	11.46	-	-	-	-	-	12.21	11.60
8,255	8,255	-	-	8,255	9,103	9,103	-	-	9,103	11.07	11.07	-	-	11.07	-	-	-	-	-	11.64	11.64
8,091	8,091	-	-	8,091	8,943	8,943	-	-	8,943	9.40	9.40	-	-	9.40	-	-	-	-	-	13.04	13.04
6,577	6,248	329	329	6,577	6,986	6,637	349	349	6,986	9.81	9.32	0.49	0.49	9.81	-	-	-	-	-	10.72	10.18
5,772	5,483	289	289	-	6,509	6,184	325	325	-	11.13	10.57	0.56	0.56	-	-	-	-	-	-	5.38	5.11
7,639	7,257	382	382	-	8,634	8,202	432	432	-	12.05	11.45	0.60	0.60	-	-	-	-	-	-	6.62	6.29
8,137	7,324	814	814	-	9,041	8,137	904	904	-	12.69	11.42	1.27	1.27	-	-	-	-	-	-	9.74	8.77
8,088	6,875	1,213	1,213	-	9,089	7,725	1,363	1,363	-	13.97	11.87	2.10	2.10	-	-	-	-	-	-	10.17	8.64
8,166	6,533	1,633	1,633	-	8,928	7,142	1,786	1,786	-	15.52	12.42	3.10	3.10	-	-	-	-	-	-	8.72	6.98
7,975	5,981	1,994	1,994	-	8,672	6,504	2,168	2,168	-	15.19	11.39	3.80	3.80	-	-	-	-	-	-	9.26	6.95
6,482	4,537	1,945	1,945	-	6,858	4,801	2,057	2,057	-	14.37	10.06	4.31	4.31	-	-	-	-	-	-	7.63	5.34
5,925	4,148	1,778	1,778	-	6,927	4,849	2,078	2,078	-	13.64	9.55	4.09	4.09	-	-	-	-	-	-	10.39	7.27
7,774	5,442	2,332	2,332	-	9,124	6,387	2,737	2,737	-	11.07	7.75	3.32	3.32	-	-	-	-	-	-	11.01	7.71
8,231	5,350	2,881	2,881	-	9,381	6,098	3,283	3,283	-	7.89	5.13	2.76	2.76	-	-	-	-	-	-	12.79	8.31
8,191	4,914	3,276	3,276	-	9,460	5,676	3,784	3,784	-	8.94	5.36	3.58	3.58	-	-	-	-	-	-	13.49	8.09
8,272	4,550	3,722	3,722	-	9,312	5,121	4,190	4,190	-	9.01	4.96	4.05	4.05	-	-	-	-	-	-	12.17	6.69
8,056	4,028	4,028	4,028	-	8,966	4,483	4,483	4,483	-	9.32	4.66	4.66	4.66	-	-	-	-	-	-	11.90	5.95
6,577	2,960	3,617	3,617	-	7,134	3,210	3,924	3,924	-	12.14	5.46	6.68	6.68	-	-	-	-	-	-	10.70	4.82
5,964	2,684	3,280	3,280	-	7,031	3,164	3,867	3,867	-	12.71	5.72	6.99	6.99	-	-	-	-	-	-	11.63	5.23
7,783	3,502	4,281	4,281	-	9,157	4,121	5,036	5,036	-	12.80	5.76	7.04	7.04	-	-	-	-	-	-	11.31	5.09
8,244	3,297	4,946	4,946	-	9,425	3,770	5,655	5,655	-	14.57	5.83	8.74	8.74	-	-	-	-	-	-	13.18	5.27
8,186	2,865	5,321	5,321	-	9,443	3,305	6,138	6,138	-	15.91	5.57	10.34	10.34	-	-	-	-	-	-	13.34	4.67
8,285	2,485	5,799	5,799	-	9,357	2,807	6,550	6,550	-	15.75	4.73	11.03	11.03	-	-	-	-	-	-	12.58	3.77
8,071	2,018	6,053	6,053	-	9,019	2,255	6,764	6,764	-	12.78	3.20	9.59	9.59	-	-	-	-	-	-	12.37	3.09
6,648	1,330	5,318	5,318	-	7,342	1,468	5,874	5,874	-	13.87	2.77	11.10	11.10	-	-	-	-	-	-	13.02	2.60
6,027	1,205	4,821	4,821	-	7,201	1,440	5,761	5,761	-	16.59	3.32	13.27	13.27	-	-	-	-	-	-	13.67	2.73
7,862	1,572	6,290	6,290	-	9,444	1,889	7,555	7,555	-	16.55	3.31	13.24	13.24	-	-	-	-	-	-	13.88	2.78
8,286	1,243	7,043	7,043	-	9,580	1,437	8,143	8,143	-	15.95	2.39	13.56	13.56	-	-	-	-	-	-	14.57	2.19
8,214	821	7,393	7,393	-	9,544	954	8,589	8,589	-	15.88	1.59	14.29	14.29	-	-	-	-	-	-	14.25	1.43
8,331	417	7,914	7,914	-	9,524	476	9,048	9,048	-	15.68	0.78	14.90	14.90	-	-	-	-	-	-	14.07	0.70
8,146	-	8,146	8,146	-	9,292	-	9,292	9,292	-	15.57	-	15.57	15.57	-	-	-	-	-	-	14.83	-
6,720	-	6,720	6,720	-	7,552	-	7,552	7,552	-	15.49	-	15.49	15.49	-	-	-	-	-	-	15.37	-
5,716	-	5,716	5,716	-	6,914	-	6,914	6,914	-	15.27	-	15.27	15.27	-	-	-	-	-	-	15.02	-
6,179	-	6,179	6,179	-	7,723	-	7,723	7,723	-	14.70	-	14.70	14.70	-	-	-	-	-	-	16.40	-
8,323	-	8,323	8,323	-	9,713	-	9,713	9,713	-	14.85	-	14.85	14.85	-	-	-	-	-	-	15.77	-

BilMo2	UBMo1	UBMo2	CalMo	BilMo1	BilMo2	UBMo1	UBMo2
9.66	-	1.70	-	-	-	-	-
9.67	-	2.42	-	-	-	-	-
9.74	-	3.25	-	-	-	-	-
9.63	-	4.13	-	-	-	-	-
9.23	-	4.97	-	-	-	-	-
8.66	-	4.66	-	-	-	-	-
8.20	-	4.42	-	-	-	-	-
8.12	-	5.41	-	-	-	-	-
7.66	-	6.27	-	-	-	-	-
7.22	-	7.22	-	-	-	-	-
6.71	-	8.20	-	-	-	-	-
6.04	-	9.07	-	-	-	-	-
6.65	-	9.97	-	-	-	-	-
6.70	-	10.05	-	-	-	-	-
5.97	-	11.08	-	-	-	-	-
5.43	-	12.67	-	-	-	-	-
4.37	-	13.11	-	-	-	-	-
3.10	-	12.42	-	-	-	-	-
2.39	-	13.52	-	-	-	-	-
2.67	-	15.16	-	-	-	-	-
2.76	-	15.66	-	-	-	-	-
1.88	-	16.96	-	-	-	-	-
0.86	-	16.34	-	-	-	-	-
-	-	16.09	-	-	-	-	-
-	-	16.92	-	-	-	-	-
0.79	0.79	15.73	-	-	-	-	-
0.77	0.77	15.34	-	-	-	-	-
0.81	0.81	16.28	-	-	-	-	-
1.65	1.65	16.47	-	-	-	-	-
2.20	2.20	14.67	-	-	-	-	-
2.53	2.53	-	-	-	-	-	-
3.49	3.49	-	-	-	-	-	-
5.03	5.03	-	-	-	-	-	-
4.50	4.50	-	-	-	-	-	-
4.88	4.88	-	-	-	-	-	-
5.20	5.20	-	-	-	-	-	-
5.16	5.16	-	-	-	-	-	-
6.78	6.78	-	-	-	-	-	-
7.85	7.85	-	-	-	-	-	-
9.17	9.17	-	-	-	-	-	-
7.93	7.93	-	-	-	-	-	-
7.11	7.11	-	-	-	-	-	-
7.38	7.38	-	-	-	-	-	-
9.95	9.95	-	-	-	-	-	-
9.41	9.41	-	-	-	-	-	-

10.79	10.79	-	-	-	-	-	-
13.63	13.63	-	-	-	-	-	-
12.92	12.92	-	-	-	-	-	-
12.83	12.83	-	-	-	-	-	-
14.40	14.40	-	-	-	-	-	-
15.18	15.18	-	-	-	-	-	-
13.68	13.68	-	-	-	-	-	-
14.87	14.87	-	-	-	-	-	-
16.02	16.02	-	-	-	-	-	-
17.68	17.68	-	-	-	-	-	-
18.53	18.53	-	-	-	-	-	-
19.36	19.36	-	-	-	-	-	-
18.85	19.84	0.99	-	-	-	-	-
17.11	19.01	1.90	-	-	-	-	-
15.91	18.72	2.81	-	-	-	-	-
13.13	16.41	3.28	-	-	-	-	-
10.38	-	2.60	-	-	-	-	-
11.30	-	2.82	-	-	-	-	-
10.88	-	3.63	-	-	-	-	-
11.86	-	5.08	-	-	-	-	-
11.69	-	6.30	-	-	-	-	-
11.71	-	7.81	-	-	-	-	-
9.98	-	8.16	-	-	-	-	-
9.58	-	7.83	-	-	-	-	-
8.57	-	7.02	-	-	-	-	-
8.55	-	8.55	-	-	-	-	-
8.39	-	10.25	-	-	-	-	-
6.90	-	10.36	-	-	-	-	-
6.45	-	11.98	-	-	-	-	-
4.97	-	11.61	-	-	-	-	-
5.05	-	11.77	-	-	-	-	-
5.35	-	12.47	-	-	-	-	-
4.72	-	14.16	-	-	-	-	-
3.66	-	14.62	-	-	-	-	-
2.87	-	16.29	-	-	-	-	-
1.76	-	15.88	-	-	-	-	-
0.88	-	16.65	-	-	-	-	-
0.82	-	15.58	-	-	-	-	-
0.80	-	15.27	-	-	-	-	-
-	-	15.05	-	-	-	-	-
-	-	15.72	-	-	-	-	-
0.80	0.80	15.91	-	-	-	-	-
1.54	1.54	15.38	-	-	-	-	-
2.51	2.51	16.71	-	-	-	-	-
2.43	2.43	16.22	-	-	-	-	-
2.22	2.22	14.81	-	-	-	-	-
2.73	2.73	13.67	-	-	-	-	-

4.53	4.53	-	-	-	-	-	-
5.23	5.23	-	-	-	-	-	-
6.21	6.21	-	-	-	-	-	-
6.88	6.88	-	-	-	-	-	-
6.65	6.65	-	-	-	-	-	-
6.34	6.34	-	-	-	-	-	-
6.10	6.10	-	-	-	-	-	-
6.83	6.83	-	-	-	-	-	-
7.84	7.84	-	-	-	-	-	-
9.06	9.06	-	-	-	-	-	-
9.79	9.79	-	-	-	-	-	-
9.35	9.35	-	-	-	-	-	-
9.67	9.67	-	-	-	-	-	-
10.39	10.39	-	-	-	-	-	-
11.91	11.91	-	-	-	-	-	-
12.60	12.60	-	-	-	-	-	-
12.98	12.98	-	-	-	-	-	-
13.09	13.09	-	-	-	-	-	-
12.40	12.40	-	-	-	-	-	-
12.01	12.01	-	-	-	-	-	-
13.51	13.51	-	-	-	-	-	-
14.03	14.03	-	-	-	-	-	-
14.39	14.39	-	-	-	-	-	-
13.85	13.85	-	-	-	-	-	-
12.47	13.13	0.66	-	-	-	-	-
11.62	12.23	0.61	-	-	-	-	-
12.81	13.48	0.67	-	-	-	-	-
11.44	12.71	1.27	-	-	-	-	-
9.85	11.59	1.74	-	-	-	-	-
8.44	10.55	2.11	-	-	-	-	-
10.64	-	3.55	-	-	-	-	-
10.20	-	4.37	-	-	-	-	-
10.87	-	4.66	-	-	-	-	-
10.44	-	4.47	-	-	-	-	-
8.61	-	4.64	-	-	-	-	-
7.75	-	5.17	-	-	-	-	-
7.40	-	6.06	-	-	-	-	-
6.86	-	6.86	-	-	-	-	-
5.72	-	6.99	-	-	-	-	-
5.58	-	6.81	-	-	-	-	-
5.50	-	6.72	-	-	-	-	-
4.56	-	6.83	-	-	-	-	-
4.19	-	7.78	-	-	-	-	-
3.51	-	8.19	-	-	-	-	-
2.78	-	8.34	-	-	-	-	-
2.16	-	8.62	-	-	-	-	-
1.69	-	6.76	-	-	-	-	-

1.89	-	7.57	-	-	-	-	-
1.37	-	7.77	-	-	-	-	-
1.05	-	9.46	-	-	-	-	-
0.51	-	9.67	-	-	-	-	-
-	-	9.84	-	-	-	-	-
-	-	8.06	-	-	-	-	-
-	-	5.83	-	-	-	-	-
-	-	7.42	-	-	-	-	-
0.33	0.33	6.57	0.01	0.01	0.00	0.00	0.01
0.49	0.49	4.94	-	-	-	-	-
0.64	0.64	4.27	3.01	2.56	0.45	0.45	3.01
0.30	0.30	1.51	0.54	0.43	0.11	0.11	0.54
0.83	0.83	3.30	0.10	0.08	0.03	0.03	0.10
0.58	0.58	2.32	1.61	1.21	0.40	0.40	1.61
2.72	2.72	-	-	-	-	-	-
2.94	2.94	-	-	-	-	-	-
2.56	2.56	-	-	-	-	-	-
3.44	3.44	-	-	-	-	-	-
4.10	4.10	-	-	-	-	-	-
3.98	3.98	-	-	-	-	-	-
3.39	3.39	-	0.04	0.02	0.02	0.02	-
3.17	3.17	-	0.02	0.01	0.01	0.01	-
3.27	3.27	-	0.36	0.16	0.20	0.20	-
2.59	2.59	-	-	-	-	-	-
3.00	3.00	-	-	-	-	-	-
3.61	3.61	-	-	-	-	-	-
3.00	3.00	-	-	-	-	-	-
2.30	2.30	-	-	-	-	-	-
1.61	1.61	-	-	-	-	-	-
0.88	0.88	-	1.75	0.44	1.31	1.31	-
0.26	0.26	-	3.32	0.66	2.66	2.66	-
0.03	0.03	-	0.70	0.11	0.60	0.60	-
1.38	1.38	-	1.32	0.13	1.19	1.19	-
1.81	1.81	-	0.88	0.04	0.84	0.84	-
3.62	3.62	-	0.58	0.03	0.55	0.55	-
2.64	2.64	-	2.23	0.11	2.12	2.12	-
2.49	2.49	-	6.10	-	6.10	6.10	-
0.22	0.23	0.01	0.11	0.01	0.10	0.11	0.01
0.87	0.97	0.10	0.26	0.03	0.23	0.26	0.03
0.67	0.74	0.07	2.70	0.27	2.43	2.70	0.27
-	-	-	4.09	0.41	3.68	4.09	0.41
0.11	0.12	0.01	10.95	1.10	9.86	10.95	1.10
0.44	0.49	0.05	7.68	0.77	6.91	7.68	0.77
-	-	-	4.85	0.73	4.12	4.85	0.73
3.84	-	0.96	0.08	0.02	0.06	-	0.02
3.94	-	1.31	0.15	0.04	0.11	-	0.04
4.08	-	1.75	0.17	0.05	0.12	-	0.05

1.36	-	0.73	0.14	0.05	0.09	-	0.05
2.63	-	1.41	0.38	0.13	0.25	-	0.13
2.31	-	1.25	1.70	0.60	1.11	-	0.60
-	-	-	0.49	0.20	0.29	-	0.20
0.61	-	0.50	0.66	0.30	0.36	-	0.30
3.67	-	3.67	0.16	0.08	0.08	-	0.08
2.91	-	3.56	0.31	0.17	0.14	-	0.17
0.04	-	0.06	4.59	2.75	1.84	-	2.75
0.39	-	0.58	5.82	3.49	2.33	-	3.49
1.07	-	1.61	1.01	0.61	0.40	-	0.61
1.56	-	2.89	0.83	0.54	0.29	-	0.54
0.09	-	0.20	3.52	2.46	1.06	-	2.46
0.02	-	0.05	4.20	3.15	1.05	-	3.15
0.04	-	0.14	1.18	0.94	0.24	-	0.94
0.01	-	0.06	2.36	2.01	0.35	-	2.01
-	-	-	8.48	7.21	1.27	-	7.21
-	-	-	10.05	8.54	1.51	-	8.54
0.04	-	0.32	9.25	8.33	0.93	-	8.33
0.15	-	2.76	6.74	6.40	0.34	-	6.40
-	-	2.41	1.35	1.35	-	-	1.35
-	-	1.38	1.95	1.95	-	-	1.95
0.00	0.00	0.09	7.66	7.28	0.38	0.38	7.66
-	-	-	14.11	13.40	0.71	0.71	14.11
0.00	0.00	0.08	16.22	15.41	0.81	0.81	16.22
0.09	0.09	1.73	12.50	11.88	0.63	0.63	12.50
0.33	0.33	3.28	5.15	4.64	0.52	0.52	5.15
0.09	0.09	0.59	11.16	9.49	1.67	1.67	11.16
0.01	0.01	0.06	2.95	2.36	0.59	0.59	2.95
0.07	0.07	-	-	-	-	-	-
0.32	0.32	-	0.03	0.03	0.00	0.00	-
0.25	0.25	-	3.56	3.38	0.18	0.18	-
0.43	0.43	-	20.76	18.68	2.08	2.08	-
0.17	0.17	-	15.84	13.46	2.38	2.38	-
0.10	0.10	-	2.01	1.61	0.40	0.40	-
0.27	0.27	-	10.77	8.08	2.69	2.69	-
0.06	0.06	-	12.50	8.75	3.75	3.75	-
-	-	-	8.23	5.76	2.47	2.47	-
0.19	0.19	-	2.98	2.09	0.89	0.89	-
1.01	1.01	-	1.58	1.03	0.55	0.55	-
0.63	0.63	-	0.06	0.04	0.02	0.02	-
1.53	1.53	-	1.14	0.63	0.51	0.51	-
-	-	-	6.01	3.01	3.01	3.01	-
-	-	-	9.71	4.37	5.34	5.34	-
-	-	-	4.90	2.21	2.70	2.70	-
-	-	-	7.77	3.50	4.27	4.27	-
-	-	-	13.32	5.33	7.99	7.99	-
-	-	-	4.41	1.54	2.87	2.87	-

-	-	-	14.49	4.35	10.14	10.14	-
-	-	-	8.91	2.23	6.68	6.68	-
1.88	1.88	-	2.47	0.49	1.98	1.98	-
1.54	1.54	-	0.51	0.10	0.41	0.41	-
0.12	0.12	-	6.73	1.35	5.38	5.38	-
-	-	-	18.38	2.76	15.62	15.62	-
-	-	-	5.43	0.54	4.89	4.89	-
-	-	-	0.20	0.01	0.19	0.19	-
0.03	0.03	-	0.83	-	0.83	0.83	-
0.23	0.24	0.01	0.10	0.01	0.10	0.10	0.01
0.86	0.91	0.05	0.27	0.01	0.26	0.27	0.01
-	-	-	11.62	0.58	11.04	11.62	0.58
-	-	-	5.86	0.59	5.27	-	0.59
0.16	-	0.03	0.90	0.14	0.77	-	0.14
0.02	-	0.01	3.22	0.64	2.58	-	0.64
0.13	-	0.04	5.25	1.31	3.94	-	1.31
0.24	-	0.10	11.78	3.53	8.25	-	3.53
0.35	-	0.15	8.94	2.68	6.26	-	2.68
0.03	-	0.01	7.46	2.24	5.22	-	2.24
-	-	-	16.10	5.64	10.47	-	5.64
-	-	-	8.13	3.25	4.88	-	3.25
-	-	-	1.50	0.68	0.83	-	0.68
0.42	-	0.42	2.75	1.38	1.38	-	1.38
0.66	-	0.80	6.74	3.71	3.03	-	3.71
0.19	-	0.23	13.70	7.54	6.17	-	7.54
0.06	-	0.07	10.15	5.58	4.57	-	5.58
0.10	-	0.15	0.40	0.24	0.16	-	0.24
0.22	-	0.40	1.11	0.72	0.39	-	0.72
0.29	-	0.68	4.55	3.19	1.37	-	3.19
0.30	-	0.89	1.78	1.34	0.45	-	1.34
0.73	-	2.93	0.70	0.56	0.14	-	0.56
0.43	-	1.74	0.32	0.26	0.06	-	0.26
0.97	-	3.88	0.22	0.18	0.04	-	0.18
0.93	-	5.27	-	-	-	-	-
0.73	-	6.60	0.01	0.01	0.00	-	0.01
0.28	-	5.26	0.16	0.15	0.01	-	0.15
-	-	4.42	0.13	0.13	-	-	0.13
-	-	3.17	0.02	0.02	-	-	0.02
-	-	4.13	3.99	3.99	-	-	3.99
-	-	2.64	2.39	2.39	-	-	2.39
0.05	0.05	-	0.84	0.80	0.04	0.04	-
0.28	0.28	-	0.48	0.43	0.05	0.05	-
0.26	0.26	-	7.30	6.21	1.10	1.10	-
0.01	0.01	-	11.43	9.14	2.29	2.29	-
0.04	0.04	-	9.19	6.89	2.30	2.30	-
-	-	-	1.58	1.19	0.40	0.40	-
0.12	0.12	-	1.85	1.39	0.46	0.46	-

0.11	0.11	-	2.60	1.82	0.78	0.78	-
0.18	0.18	-	4.58	2.98	1.60	1.60	-
0.28	0.28	-	3.04	1.82	1.22	1.22	-
0.48	0.48	-	5.74	3.44	2.30	2.30	-
0.99	0.99	-	1.02	0.56	0.46	0.46	-
0.68	0.68	-	1.27	0.70	0.57	0.57	-
0.88	0.88	-	3.88	2.13	1.75	1.75	-
1.71	1.71	-	2.12	1.06	1.06	1.06	-
3.28	3.28	-	0.30	0.14	0.17	0.17	-
1.51	1.51	-	0.10	0.04	0.06	0.06	-
2.85	2.85	-	0.17	0.06	0.11	0.11	-
3.37	3.37	-	0.06	0.02	0.04	0.04	-
3.63	3.63	-	0.04	0.01	0.03	0.03	-
2.19	2.19	-	0.23	0.07	0.16	0.16	-
3.04	3.04	-	0.43	0.11	0.32	0.32	-
2.90	2.90	-	0.19	0.04	0.15	0.15	-
4.65	4.65	-	-	-	-	-	-
5.38	5.38	-	-	-	-	-	-
7.99	7.99	-	0.12	0.01	0.11	0.11	-
8.91	8.91	-	0.11	0.01	0.10	0.10	-
6.78	6.78	-	-	-	-	-	-
6.73	6.73	-	-	-	-	-	-
6.71	6.71	-	-	-	-	-	-
7.70	8.10	0.41	-	-	-	-	-
0.87	-	0.10	3.13	0.31	2.82	-	0.31
0.49	-	0.09	1.24	0.19	1.05	-	0.19
1.33	-	0.23	0.41	0.06	0.35	-	0.06
4.27	-	0.75	-	-	-	-	-
2.23	-	0.56	-	-	-	-	-
1.67	-	0.56	-	-	-	-	-
2.91	-	1.25	0.78	0.23	0.55	-	0.23
4.34	-	2.34	2.12	0.74	1.38	-	0.74
3.57	-	2.38	0.05	0.02	0.03	-	0.02
3.29	-	2.20	0.01	0.00	0.01	-	0.00
4.40	-	2.93	0.01	0.00	0.01	-	0.00
5.04	-	4.13	-	-	-	-	-
4.88	-	4.88	-	-	-	-	-
3.86	-	4.72	-	-	-	-	-
3.08	-	4.61	0.25	0.15	0.10	-	0.15
1.24	-	2.29	0.08	0.05	0.03	-	0.05
1.60	-	2.98	-	-	-	-	-
2.23	-	4.15	-	-	-	-	-
2.41	-	5.61	-	-	-	-	-
1.75	-	5.25	-	-	-	-	-
1.65	-	6.60	-	-	-	-	-
1.33	-	7.53	-	-	-	-	-
1.43	-	8.08	-	-	-	-	-

1.51	-	8.54	-	-	-	-	-
1.55	-	8.80	-	-	-	-	-
1.12	-	10.06	-	-	-	-	-
0.61	-	11.60	-	-	-	-	-
-	-	11.64	-	-	-	-	-
-	-	13.04	-	-	-	-	-
0.54	0.54	10.72	-	-	-	-	-
0.27	0.27	-	0.23	0.22	0.01	0.01	-
0.33	0.33	-	-	-	-	-	-
0.97	0.97	-	-	-	-	-	-
1.53	1.53	-	-	-	-	-	-
1.74	1.74	-	-	-	-	-	-
2.32	2.32	-	-	-	-	-	-
2.29	2.29	-	-	-	-	-	-
3.12	3.12	-	0.12	0.08	0.04	0.04	-
3.30	3.30	-	-	-	-	-	-
4.48	4.48	-	-	-	-	-	-
5.40	5.40	-	-	-	-	-	-
5.48	5.48	-	-	-	-	-	-
5.95	5.95	-	-	-	-	-	-
5.89	5.89	-	-	-	-	-	-
6.40	6.40	-	-	-	-	-	-
6.22	6.22	-	-	-	-	-	-
7.91	7.91	-	-	-	-	-	-
8.67	8.67	-	-	-	-	-	-
8.81	8.81	-	-	-	-	-	-
9.28	9.28	-	-	-	-	-	-
10.42	10.42	-	-	-	-	-	-
10.94	10.94	-	-	-	-	-	-
11.10	11.10	-	-	-	-	-	-
12.38	12.38	-	-	-	-	-	-
12.83	12.83	-	-	-	-	-	-
13.37	13.37	-	-	-	-	-	-
14.83	14.83	-	-	-	-	-	-
15.37	15.37	-	-	-	-	-	-
15.02	15.02	-	-	-	-	-	-
16.40	16.40	-	-	-	-	-	-
15.77	15.77	-	-	-	-	-	-

CALCULATED FROM TAB dDEF

Dt	SALES_C_RE	SALES_B_RES	SALES_U_RES	SALES_C_COM	SALES_B_COM	SALES_U_COM	SALES_C_IND	SALES_B_IND	SALES_U_IND	SALES_C_OPA	SALES_B_OPA	SALES_U_OPA	WNSALES_C_RES
5/1/2021	-	-	-	-	-	-	-	-	-	-	-	-	-
6/1/2021	2,018,144	683,360	1,334,785	1,127,866	380,566	747,301	268,832	90,805	178,027	289,874	98,054	191,820	1,994,722
7/1/2021	2,202,990	2,007,804	1,504,695	1,136,767	1,102,141	767,196	275,987	265,754	184,685	265,794	275,044	178,730	2,154,490
8/1/2021	2,251,786	2,162,699	1,580,956	1,261,945	1,142,436	882,427	278,133	267,965	193,929	294,357	267,368	205,268	2,138,823
9/1/2021	1,939,101	2,149,939	1,349,112	1,079,987	1,190,709	758,201	267,130	270,505	188,002	289,239	287,783	203,544	1,919,481
10/1/2021	1,721,905	1,896,165	1,196,922	1,072,248	1,080,164	761,123	268,466	265,620	192,396	273,224	283,900	194,401	1,560,123
11/1/2021	1,268,284	1,532,323	926,498	885,168	1,000,555	636,729	246,215	259,259	176,727	261,482	265,955	188,095	1,323,504
12/1/2021	1,303,668	1,318,224	925,879	957,737	933,823	672,571	250,382	256,711	173,294	247,545	266,037	171,716	1,429,175
1/1/2022	1,539,875	1,539,110	928,790	841,652	1,050,515	461,792	219,661	273,603	119,894	200,942	264,023	109,249	1,548,708
2/1/2022	1,269,859	1,469,323	745,192	798,214	795,958	480,640	203,931	206,301	121,271	206,118	195,769	123,740	1,326,237
3/1/2022	1,419,766	1,377,023	799,410	959,167	905,354	538,529	233,817	225,218	130,813	254,229	236,214	142,658	1,371,820
4/1/2022	1,481,752	1,397,715	880,794	972,322	935,996	573,125	226,450	224,630	132,216	242,759	242,737	142,211	1,397,407
5/1/2022	1,906,174	1,659,185	1,127,822	1,041,576	1,010,978	603,887	236,556	233,271	135,587	269,918	256,975	155,278	1,789,774

WNSALES_B_RES	WNSALES_U_RES	WNSALES_C_COM	WNSALES_B_COM	WNSALES_U_COM	WNSALES_C_IND	WNSALES_B	WNSALES_U	WNSALES_C_OPA	WNSALES_B_OPA	WNSALES_U	CDD_C_65
-	-	-	-	-	-	-	-	-	-	-	-
631,230	1,363,492	1,123,096	370,043	753,053	268,535	90,150	178,385	289,260	96,198	193,062	471.26
2,033,207	1,458,155	1,125,674	1,107,163	756,552	275,394	266,070	184,116	264,158	276,110	177,216	529.75
2,097,688	1,489,093	1,232,059	1,126,780	858,130	276,785	267,177	192,833	290,662	265,325	202,185	552.65
2,076,996	1,316,651	1,076,236	1,170,313	752,203	266,867	269,639	187,582	288,594	285,404	202,415	462.36
1,825,223	1,071,138	1,030,118	1,065,226	726,885	265,717	264,699	190,123	264,699	281,151	187,430	386.62
1,441,136	945,763	906,947	980,964	644,299	247,900	258,135	177,313	265,620	262,056	189,288	75.56
1,343,588	1,040,756	921,176	938,475	637,489	248,222	257,069	171,242	241,783	266,557	166,291	121.82
1,779,646	806,580	844,464	1,026,214	455,916	219,919	271,206	120,614	201,966	260,023	109,203	27.33
1,389,712	770,576	790,541	785,663	475,712	203,050	206,489	120,789	203,296	194,370	121,961	79.53
1,369,372	779,283	925,824	877,859	527,438	228,837	222,077	128,516	246,038	229,147	139,733	186.10
1,319,968	854,330	940,659	902,603	563,841	222,436	220,279	130,266	238,076	236,414	140,947	257.82
1,556,523	1,087,263	1,016,154	984,923	595,116	232,271	229,166	133,449	265,295	252,653	153,689	421.85

CDD_B_65	CDD_U_65	HDD_C_65	HDD_B_65	HDD_U_65	NCDD_C_6	NCDD_B_6	NCDD_U_6	NHDD_C_6	NHDD_B_6	NHDD_U_65	WF_RES_C	WF_COM_C	WF_IND_C
-	-	-	-	-	-	-	-	-	-	-			
160.52	310.74	-	-	-	463.46	143.33	320.13	-	-	-			
469.56	365.18	-	-	-	514.16	477.86	350.22	-	-	-			
525.28	388.91	-	-	-	517.27	504.57	360.15	-	-	-			
525.74	320.39	-	-	-	455.46	503.01	309.35	-	-	-			
453.50	259.33	-	-	-	308.63	427.80	195.35	5.27	-	5.27			
288.04	49.78	56.14	8.64	47.50	114.45	252.36	61.33	47.94	6.00	46.23			
88.60	88.76	27.90	51.51	20.94	62.18	92.99	33.45	135.32	58.12	121.11			
108.65	3.93	196.91	70.42	150.36	34.18	57.59	9.75	195.52	214.41	100.22			
25.09	61.90	85.53	199.35	33.99	51.25	17.45	44.02	118.26	171.12	52.06			
139.19	108.82	14.71	45.01	6.26	111.74	71.73	84.09	58.67	93.72	17.61			
204.59	161.47	3.75	8.51	1.50	213.27	148.34	148.62	8.08	23.92	1.77			
328.57	254.84	-	1.50	-	375.23	284.96	238.75	0.35	2.07	0.05			

WF_OPA_C	WF_RES_B	WF_COM_B	WF_IND_B	WF_OPA_B	fSALES_C_RES	fSALES_C_COM	fSALES_C_IND	fSALES_C_OPA	fWNSALES_C_RES	fWNSALES_C_COM	fWNSALES_C_IND	fWNSALES_C_OPA	fUB_RES	fUB_COM

fUB_IND	fUB_OPA	fWNUB_RES	fWNUB_COM	fWNUB_IND	fWNUB_OPA

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
dWeatherBin_DEFST.JANHEAT1	1128.252	58.058	19.433	0.00%		HDD65 * JAN
dWeatherBin_DEFST.JANHEAT1_L1	661.343	38.807	17.042	0.00%		HDD65 * JAN Lag1
dWeatherBin_DEFST.JANHEAT2	1487.715	111.807	13.306	0.00%		HDD55 * JAN
dWeatherBin_DEFST.JANCOOL1	978.412	92.387	10.59	0.00%		CDD65 * JAN
dWeatherBin_DEFST.FEBHEAT1	1309.267	76.371	17.144	0.00%		HDD65 * FEB
dWeatherBin_DEFST.FEBCOOL1_COM	793.695	59.663	13.303	0.00%		CDD62 * FEB
dWeatherBin_DEFST.FEBHEAT2	1118.945	198.7	5.631	0.00%		HDD55 * FEB
dWeatherBin_DEFST.FEBHEAT1_L1	637.87	58.57	10.891	0.00%		HDD65 * FEB Lag1
dWeatherBin_DEFST.MARHEAT1	747.159	80.964	9.228	0.00%		HDD65 * MAR
dWeatherBin_DEFST.MARHEAT1_L1	816.72	76.657	10.654	0.00%		HDD65 * MAR Lag 1
dWeatherBin_DEFST.MARCOOL1	1347.707	74.415	18.111	0.00%		CDD65 * MAR
dWeatherBin_DEFST.MARCOOL1_L1	259.141	76.474	3.389	0.07%		CDD65 * MAR Lag1
dWeatherBin_DEFST.APRCOOL1	1165.788	120.902	9.642	0.00%		CDD65 * APR
dWeatherBin_DEFST.APRCOOL2_COM	933.623	176.094	5.302	0.00%		CDD70 * APR
dWeatherBin_DEFST.MAYCOOL4	1772.825	265.275	6.683	0.00%		CDD 70 * MAY
dWeatherBin_DEFST.MAYCOOL1	781.739	182.781	4.277	0.00%		CDD65 * MAY
dWeatherBin_DEFST.JUNCOOL1	1441.217	88.115	16.356	0.00%		CDD65 * JUN
dWeatherBin_DEFST.JUNCOOL2	1648.113	187.342	8.797	0.00%		CDD75 * Jun
dWeatherBin_DEFST.JULCOOL1	1290.366	106.907	12.07	0.00%		CDD65 * JUL
dWeatherBin_DEFST.JULCOOL2	1978.512	227.171	8.709	0.00%		CDD75 * JUL
dWeatherBin_DEFST.AUGCOOL1	1155.08	104.813	11.02	0.00%		CDD65 * AUG
dWeatherBin_DEFST.AUGCOOL2	2134.915	226.325	9.433	0.00%		CDD75 * AUG
dWeatherBin_DEFST.SEPCOOL1	1341.495	103.636	12.944	0.00%		CDD65 * SEP
dWeatherBin_DEFST.SEPCOOL2	1705.098	230.663	7.392	0.00%		CDD75 * SEP
dWeatherBin_DEFST.OCTCOOL1	1232.134	67.293	18.31	0.00%		CDD65 * OCT
dWeatherBin_DEFST.OCTCOOL2	1512.844	166.081	9.109	0.00%		CDD75 * OCT
dWeatherBin_DEFST.NOVCOOL1	1473.058	58.838	25.036	0.00%		CDD65 * Nov
dWeatherBin_DEFST.NOVCOOL1_L1	205.271	56.759	3.617	0.03%		CDD65 * NOV Lag1
dWeatherBin_DEFST.NOVHEAT1	688.183	91.66	7.508	0.00%		HDD65 * NOV
dWeatherBin_DEFST.NOVHEAT1_L1	762.317	93.004	8.197	0.00%		HDD65 * NOV Lag1
dWeatherBin_DEFST.DECHEAT1	857.268	67.535	12.694	0.00%		HDD65 * DEC
dWeatherBin_DEFST.DECHEAT1_L1	833.146	49.853	16.712	0.00%		HDD65 * DEC Lag1
dWeatherBin_DEFST.DECHEAT2	1362.368	174.973	7.786	0.00%		HDD55 * DEC
dWeatherBin_DEFST.DECCOOL1	910.86	67.216	13.551	0.00%		CDD65 * DEC
dWeatherBin_DEFST.DECCOOL1_L1	386.819	67.894	5.697	0.00%		CDD65 * DEC Lag1
Calendar.Monday	35398.229	324.834	108.973	0.00%		
Calendar.Tuesday	34716.882	327.297	106.071	0.00%		
Calendar.Wednesday	34867.064	328.623	106.101	0.00%		
Calendar.Thursday	35182.628	329.329	106.831	0.00%		
Calendar.Friday	34279.14	325.974	105.159	0.00%		
Calendar.Saturday	36352.188	321.975	112.904	0.00%		
Calendar.Sunday	38005.465	322.077	118.001	0.00%		
Calendar.Thanks	5221.938	811.518	6.435	0.00%		
Calendar.XMasEve	4488.119	1214.646	3.695	0.02%		
Calendar.XMasDay	5033.674	957.221	5.259	0.00%		
Calendar.NYDay	-5598.799	1094.268	-5.116	0.00%		

AR(1)	0.684	0.016	43.193	0.00%

Model Statistics	
Iterations	11
Adjusted Observations	2145
Deg. of Freedom for Error	2098
R-Squared	0.97
Adjusted R-Squared	0.969
AIC	15.577
BIC	15.701
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-19,703.10
Model Sum of Squares	381,548,656,370.80
Sum of Squared Errors	11,952,551,985.27
Mean Squared Error	5,697,117.25
Std. Error of Regression	2,386.86
Mean Abs. Dev. (MAD)	1,821.45
Mean Abs. % Err. (MAPE)	3.37%
Durbin-Watson Statistic	2.057
Durbin-H Statistic	#NA
Ljung-Box Statistic	158.55
Prob (Ljung-Box)	0
Skewness	0.099
Kurtosis	3.969
Jarque-Bera	87.403
Prob (Jarque-Bera)	0

DEF Weather Data and CDD/HDD Calculations

			ACTUAL			
			Temp _Avg		CDD	HDD
Jun-21	6/1/2021	DEF	80.059	65	15.059	0
Jun-21	6/2/2021	DEF	79.0595	65	14.0595	0
Jun-21	6/3/2021	DEF	79.243	65	14.243	0
Jun-21	6/4/2021	DEF	78.5845	65	13.5845	0
Jun-21	6/5/2021	DEF	80.598	65	15.598	0
Jun-21	6/6/2021	DEF	82.749	65	17.749	0
Jun-21	6/7/2021	DEF	82.279	65	17.279	0
Jun-21	6/8/2021	DEF	82.686	65	17.686	0
Jun-21	6/9/2021	DEF	82.1085	65	17.1085	0
Jun-21	6/10/2021	DEF	83.1015	65	18.1015	0
Jun-21	6/11/2021	DEF	83.6735	65	18.6735	0
Jun-21	6/12/2021	DEF	82.6265	65	17.6265	0
Jun-21	6/13/2021	DEF	81.2985	65	16.2985	0
Jun-21	6/14/2021	DEF	80.0685	65	15.0685	0
Jun-21	6/15/2021	DEF	80.358	65	15.358	0
Jun-21	6/16/2021	DEF	78.2555	65	13.2555	0
Jun-21	6/17/2021	DEF	79.0915	65	14.0915	0
Jun-21	6/18/2021	DEF	80.7325	65	15.7325	0
Jun-21	6/19/2021	DEF	83.41	65	18.41	0
Jun-21	6/20/2021	DEF	83.6195	65	18.6195	0
Jun-21	6/21/2021	DEF	81.8635	65	16.8635	0
Jun-21	6/22/2021	DEF	79.785	65	14.785	0
Jun-21	6/23/2021	DEF	79.2	65	14.2	0
Jun-21	6/24/2021	DEF	78.8835	65	13.8835	0
Jun-21	6/25/2021	DEF	77.7765	65	12.7765	0
Jun-21	6/26/2021	DEF	79.494	65	14.494	0
Jun-21	6/27/2021	DEF	81.982	65	16.982	0
Jun-21	6/28/2021	DEF	81.6625	65	16.6625	0
Jun-21	6/29/2021	DEF	79.1	65	14.1	0
Jun-21	6/30/2021	DEF	77.907	65	12.907	0
Jul-21	7/1/2021	DEF	78.9935	65	13.9935	0
Jul-21	7/2/2021	DEF	79.541	65	14.541	0
Jul-21	7/3/2021	DEF	77.942	65	12.942	0
Jul-21	7/4/2021	DEF	80.5475	65	15.5475	0
Jul-21	7/5/2021	DEF	80.947	65	15.947	0
Jul-21	7/6/2021	DEF	79.5115	65	14.5115	0
Jul-21	7/7/2021	DEF	80.8825	65	15.8825	0
Jul-21	7/8/2021	DEF	80.784	65	15.784	0
Jul-21	7/9/2021	DEF	82.0445	65	17.0445	0
Jul-21	7/10/2021	DEF	81.6955	65	16.6955	0
Jul-21	7/11/2021	DEF	81.099	65	16.099	0
Jul-21	7/12/2021	DEF	79.4845	65	14.4845	0

	ACTUAL		NORMAL FROM ITRON MODEL		WEATHER	
	Monthly CDD	Monthly HDD	CDD	HDD	CDD	HDD
Jun-21	471.26	-	463.46	0	7.80	-
Jul-21	529.75	-	514.17	0	15.58	-
Aug-21	552.63	-	517.27	0	35.36	-
Sep-21	462.37	-	455.47	0	6.90	-
Oct-21	386.59	-	308.63	5.26	77.96	(5.26)
Nov-21	75.56	56.16	114.45	47.94	(38.89)	8.22
Dec-21	121.82	27.91	62.16	135.31	59.66	(107.40)
Jan-22	27.34	196.91	35.17	192.16	(7.83)	4.75
Feb-22	79.53	85.54	53.34	115.75	26.19	(30.21)
Mar-22	186.10	14.71	112.1	57.25	74.00	(42.54)
Apr-22	257.79	3.75	212.32	8.01	45.47	(4.26)
May-22	421.85	-	376.67	0.35	45.18	(0.35)

Jul-21	7/13/2021	DEF	81.5215	65	16.5215	0
Jul-21	7/14/2021	DEF	80.4645	65	15.4645	0
Jul-21	7/15/2021	DEF	82.981	65	17.981	0
Jul-21	7/16/2021	DEF	83.8185	65	18.8185	0
Jul-21	7/17/2021	DEF	83.8845	65	18.8845	0
Jul-21	7/18/2021	DEF	82.948	65	17.948	0
Jul-21	7/19/2021	DEF	82.426	65	17.426	0
Jul-21	7/20/2021	DEF	82.7265	65	17.7265	0
Jul-21	7/21/2021	DEF	83.482	65	18.482	0
Jul-21	7/22/2021	DEF	85.157	65	20.157	0
Jul-21	7/23/2021	DEF	83.982	65	18.982	0
Jul-21	7/24/2021	DEF	84.2175	65	19.2175	0
Jul-21	7/25/2021	DEF	84.74	65	19.74	0
Jul-21	7/26/2021	DEF	84.727	65	19.727	0
Jul-21	7/27/2021	DEF	82.4765	65	17.4765	0
Jul-21	7/28/2021	DEF	81.229	65	16.229	0
Jul-21	7/29/2021	DEF	80.804	65	15.804	0
Jul-21	7/30/2021	DEF	83.6985	65	18.6985	0
Jul-21	7/31/2021	DEF	85.9975	65	20.9975	0
Aug-21	8/1/2021	DEF	84.939	65	19.939	0
Aug-21	8/2/2021	DEF	83.4555	65	18.4555	0
Aug-21	8/3/2021	DEF	79.885	65	14.885	0
Aug-21	8/4/2021	DEF	79.09	65	14.09	0
Aug-21	8/5/2021	DEF	79.922	65	14.922	0
Aug-21	8/6/2021	DEF	83.279	65	18.279	0
Aug-21	8/7/2021	DEF	82.4165	65	17.4165	0
Aug-21	8/8/2021	DEF	83.442	65	18.442	0
Aug-21	8/9/2021	DEF	83.468	65	18.468	0
Aug-21	8/10/2021	DEF	82.878	65	17.878	0
Aug-21	8/11/2021	DEF	83.049	65	18.049	0
Aug-21	8/12/2021	DEF	83.0585	65	18.0585	0
Aug-21	8/13/2021	DEF	81.9415	65	16.9415	0
Aug-21	8/14/2021	DEF	80.6335	65	15.6335	0
Aug-21	8/15/2021	DEF	80.6755	65	15.6755	0
Aug-21	8/16/2021	DEF	82.229	65	17.229	0
Aug-21	8/17/2021	DEF	84.5575	65	19.5575	0
Aug-21	8/18/2021	DEF	84.75	65	19.75	0
Aug-21	8/19/2021	DEF	85.093	65	20.093	0
Aug-21	8/20/2021	DEF	84.534	65	19.534	0
Aug-21	8/21/2021	DEF	84.5595	65	19.5595	0
Aug-21	8/22/2021	DEF	84.441	65	19.441	0
Aug-21	8/23/2021	DEF	83.229	65	18.229	0
Aug-21	8/24/2021	DEF	82.169	65	17.169	0
Aug-21	8/25/2021	DEF	83.018	65	18.018	0
Aug-21	8/26/2021	DEF	81.1845	65	16.1845	0
Aug-21	8/27/2021	DEF	81.3155	65	16.3155	0
Aug-21	8/28/2021	DEF	83.1185	65	18.1185	0

Aug-21	8/29/2021	DEF	84.003	65	19.003	0
Aug-21	8/30/2021	DEF	83.708	65	18.708	0
Aug-21	8/31/2021	DEF	83.5905	65	18.5905	0
Sep-21	9/1/2021	DEF	78.9495	65	13.9495	0
Sep-21	9/2/2021	DEF	81.103	65	16.103	0
Sep-21	9/3/2021	DEF	81.5705	65	16.5705	0
Sep-21	9/4/2021	DEF	81.8595	65	16.8595	0
Sep-21	9/5/2021	DEF	82.093	65	17.093	0
Sep-21	9/6/2021	DEF	82.3085	65	17.3085	0
Sep-21	9/7/2021	DEF	81.578	65	16.578	0
Sep-21	9/8/2021	DEF	81.44	65	16.44	0
Sep-21	9/9/2021	DEF	80.304	65	15.304	0
Sep-21	9/10/2021	DEF	80.6215	65	15.6215	0
Sep-21	9/11/2021	DEF	80.0015	65	15.0015	0
Sep-21	9/12/2021	DEF	81.921	65	16.921	0
Sep-21	9/13/2021	DEF	82.171	65	17.171	0
Sep-21	9/14/2021	DEF	79.979	65	14.979	0
Sep-21	9/15/2021	DEF	80.7765	65	15.7765	0
Sep-21	9/16/2021	DEF	79.882	65	14.882	0
Sep-21	9/17/2021	DEF	79.2195	65	14.2195	0
Sep-21	9/18/2021	DEF	79.8665	65	14.8665	0
Sep-21	9/19/2021	DEF	79.913	65	14.913	0
Sep-21	9/20/2021	DEF	79.356	65	14.356	0
Sep-21	9/21/2021	DEF	79.6665	65	14.6665	0
Sep-21	9/22/2021	DEF	80.493	65	15.493	0
Sep-21	9/23/2021	DEF	79.3775	65	14.3775	0
Sep-21	9/24/2021	DEF	79.914	65	14.914	0
Sep-21	9/25/2021	DEF	80.9425	65	15.9425	0
Sep-21	9/26/2021	DEF	80.132	65	15.132	0
Sep-21	9/27/2021	DEF	79.315	65	14.315	0
Sep-21	9/28/2021	DEF	78.9045	65	13.9045	0
Sep-21	9/29/2021	DEF	78.6955	65	13.6955	0
Sep-21	9/30/2021	DEF	80.0135	65	15.0135	0
Oct-21	10/1/2021	DEF	80.263	65	15.263	0
Oct-21	10/2/2021	DEF	81.1985	65	16.1985	0
Oct-21	10/3/2021	DEF	79.511	65	14.511	0
Oct-21	10/4/2021	DEF	79.543	65	14.543	0
Oct-21	10/5/2021	DEF	79.5185	65	14.5185	0
Oct-21	10/6/2021	DEF	81.2905	65	16.2905	0
Oct-21	10/7/2021	DEF	82.1805	65	17.1805	0
Oct-21	10/8/2021	DEF	80.1475	65	15.1475	0
Oct-21	10/9/2021	DEF	79.493	65	14.493	0
Oct-21	#########	DEF	78.672	65	13.672	0
Oct-21	#########	DEF	77.5575	65	12.5575	0
Oct-21	#########	DEF	80.488	65	15.488	0
Oct-21	#########	DEF	80.299	65	15.299	0
Oct-21	#########	DEF	80.5485	65	15.5485	0

Oct-21	#########	DEF	80.5985	65	15.5985	0
Oct-21	#########	DEF	79.821	65	14.821	0
Oct-21	#########	DEF	75.165	65	10.165	0
Oct-21	#########	DEF	72.0775	65	7.0775	0
Oct-21	#########	DEF	74.7065	65	9.7065	0
Oct-21	#########	DEF	75.4055	65	10.4055	0
Oct-21	#########	DEF	76.693	65	11.693	0
Oct-21	#########	DEF	77.676	65	12.676	0
Oct-21	#########	DEF	78.0125	65	13.0125	0
Oct-21	#########	DEF	77.7755	65	12.7755	0
Oct-21	#########	DEF	78.9685	65	13.9685	0
Oct-21	#########	DEF	77.797	65	12.797	0
Oct-21	#########	DEF	72.378	65	7.378	0
Oct-21	#########	DEF	76.0915	65	11.0915	0
Oct-21	#########	DEF	73.6775	65	8.6775	0
Oct-21	#########	DEF	67.117	65	2.117	0
Oct-21	#########	DEF	66.915	65	1.915	0
Nov-21	11/1/2021	DEF	65.853	65	0.853	0
Nov-21	11/2/2021	DEF	71.742	65	6.742	0
Nov-21	11/3/2021	DEF	72.67	65	7.67	0
Nov-21	11/4/2021	DEF	70.861	65	5.861	0
Nov-21	11/5/2021	DEF	66.2595	65	1.2595	0
Nov-21	11/6/2021	DEF	59.4615	65	0	5.5385
Nov-21	11/7/2021	DEF	60.482	65	0	4.518
Nov-21	11/8/2021	DEF	63.211	65	0	1.789
Nov-21	11/9/2021	DEF	66.3485	65	1.3485	0
Nov-21	#########	DEF	68.1415	65	3.1415	0
Nov-21	#########	DEF	72.391	65	7.391	0
Nov-21	#########	DEF	71.7865	65	6.7865	0
Nov-21	#########	DEF	67.499	65	2.499	0
Nov-21	#########	DEF	59.7055	65	0	5.2945
Nov-21	#########	DEF	61.5885	65	0	3.4115
Nov-21	#########	DEF	64.5875	65	0	0.4125
Nov-21	#########	DEF	69.021	65	4.021	0
Nov-21	#########	DEF	70.839	65	5.839	0
Nov-21	#########	DEF	72.043	65	7.043	0
Nov-21	#########	DEF	69.267	65	4.267	0
Nov-21	#########	DEF	71.8555	65	6.8555	0
Nov-21	#########	DEF	68.7285	65	3.7285	0
Nov-21	#########	DEF	58.7335	65	0	6.2665
Nov-21	#########	DEF	59.736	65	0	5.264
Nov-21	#########	DEF	64.711	65	0	0.289
Nov-21	#########	DEF	65.252	65	0.252	0
Nov-21	#########	DEF	58.335	65	0	6.665
Nov-21	#########	DEF	59.5375	65	0	5.4625
Nov-21	#########	DEF	60.346	65	0	4.654
Nov-21	#########	DEF	58.406	65	0	6.594

Dec-21	12/1/2021	DEF	62.6655	65	0	2.3345
Dec-21	12/2/2021	DEF	63.445	65	0	1.555
Dec-21	12/3/2021	DEF	61.6055	65	0	3.3945
Dec-21	12/4/2021	DEF	63.356	65	0	1.644
Dec-21	12/5/2021	DEF	67.07	65	2.07	0
Dec-21	12/6/2021	DEF	68.5055	65	3.5055	0
Dec-21	12/7/2021	DEF	68.687	65	3.687	0
Dec-21	12/8/2021	DEF	71.504	65	6.504	0
Dec-21	12/9/2021	DEF	70.064	65	5.064	0
Dec-21	#########	DEF	71.3225	65	6.3225	0
Dec-21	#########	DEF	72.764	65	7.764	0
Dec-21	#########	DEF	71.31	65	6.31	0
Dec-21	#########	DEF	70.8115	65	5.8115	0
Dec-21	#########	DEF	70.553	65	5.553	0
Dec-21	#########	DEF	70.599	65	5.599	0
Dec-21	#########	DEF	73.3435	65	8.3435	0
Dec-21	#########	DEF	72.179	65	7.179	0
Dec-21	#########	DEF	73.439	65	8.439	0
Dec-21	#########	DEF	74.6025	65	9.6025	0
Dec-21	#########	DEF	68.125	65	3.125	0
Dec-21	#########	DEF	63.8175	65	0	1.1825
Dec-21	#########	DEF	57.572	65	0	7.428
Dec-21	#########	DEF	57.699	65	0	7.301
Dec-21	#########	DEF	62.5005	65	0	2.4995
Dec-21	#########	DEF	64.4335	65	0	0.5665
Dec-21	#########	DEF	66.025	65	1.025	0
Dec-21	#########	DEF	66.503	65	1.503	0
Dec-21	#########	DEF	68.369	65	3.369	0
Dec-21	#########	DEF	71.326	65	6.326	0
Dec-21	#########	DEF	71.775	65	6.775	0
Dec-21	#########	DEF	72.938	65	7.938	0
Jan-22	1/1/2022	DEF	72.5905	65	7.5905	0
Jan-22	1/2/2022	DEF	74.1725	65	9.1725	0
Jan-22	1/3/2022	DEF	61.949	65	0	3.051
Jan-22	1/4/2022	DEF	59.796	65	0	5.204
Jan-22	1/5/2022	DEF	65.0625	65	0.0625	0
Jan-22	1/6/2022	DEF	63.864	65	0	1.136
Jan-22	1/7/2022	DEF	66.404	65	1.404	0
Jan-22	1/8/2022	DEF	65.6485	65	0.6485	0
Jan-22	1/9/2022	DEF	70.514	65	5.514	0
Jan-22	1/10/2022	DEF	67.947	65	2.947	0
Jan-22	1/11/2022	DEF	60.3985	65	0	4.6015
Jan-22	1/12/2022	DEF	61.789	65	0	3.211
Jan-22	1/13/2022	DEF	61.9805	65	0	3.0195
Jan-22	1/14/2022	DEF	59.2845	65	0	5.7155
Jan-22	1/15/2022	DEF	59.289	65	0	5.711
Jan-22	1/16/2022	DEF	62.706	65	0	2.294

Jan-22	1/17/2022	DEF	57.306	65	0	7.694
Jan-22	1/18/2022	DEF	51.004	65	0	13.996
Jan-22	1/19/2022	DEF	57.8615	65	0	7.1385
Jan-22	1/20/2022	DEF	62.793	65	0	2.207
Jan-22	1/21/2022	DEF	62.92	65	0	2.08
Jan-22	1/22/2022	DEF	53.2595	65	0	11.7405
Jan-22	1/23/2022	DEF	46.175	65	0	18.825
Jan-22	1/24/2022	DEF	49.088	65	0	15.912
Jan-22	1/25/2022	DEF	51.697	65	0	13.303
Jan-22	1/26/2022	DEF	57.01	65	0	7.99
Jan-22	1/27/2022	DEF	61.097	65	0	3.903
Jan-22	1/28/2022	DEF	58.308	65	0	6.692
Jan-22	1/29/2022	DEF	46.6625	65	0	18.3375
Jan-22	1/30/2022	DEF	45.1195	65	0	19.8805
Jan-22	1/31/2022	DEF	51.728	65	0	13.272
Feb-22	2/1/2022	DEF	57.8125	65	0	7.1875
Feb-22	2/2/2022	DEF	65.629	65	0.629	0
Feb-22	2/3/2022	DEF	70.539	65	5.539	0
Feb-22	2/4/2022	DEF	71.137	65	6.137	0
Feb-22	2/5/2022	DEF	59.922	65	0	5.078
Feb-22	2/6/2022	DEF	57.147	65	0	7.853
Feb-22	2/7/2022	DEF	56.0935	65	0	8.9065
Feb-22	2/8/2022	DEF	52.8665	65	0	12.1335
Feb-22	2/9/2022	DEF	54.5485	65	0	10.4515
Feb-22	2/10/2022	DEF	56.131	65	0	8.869
Feb-22	2/11/2022	DEF	61.5015	65	0	3.4985
Feb-22	2/12/2022	DEF	65.6685	65	0.6685	0
Feb-22	2/13/2022	DEF	62.976	65	0	2.024
Feb-22	2/14/2022	DEF	53.1475	65	0	11.8525
Feb-22	2/15/2022	DEF	58.877	65	0	6.123
Feb-22	2/16/2022	DEF	67.354	65	2.354	0
Feb-22	2/17/2022	DEF	72.064	65	7.064	0
Feb-22	2/18/2022	DEF	73.06	65	8.06	0
Feb-22	2/19/2022	DEF	65.607	65	0.607	0
Feb-22	2/20/2022	DEF	63.4395	65	0	1.5605
Feb-22	2/21/2022	DEF	68.5515	65	3.5515	0
Feb-22	2/22/2022	DEF	71.2435	65	6.2435	0
Feb-22	2/23/2022	DEF	72.0115	65	7.0115	0
Feb-22	2/24/2022	DEF	71.5695	65	6.5695	0
Feb-22	2/25/2022	DEF	72.5055	65	7.5055	0
Feb-22	2/26/2022	DEF	72.769	65	7.769	0
Feb-22	2/27/2022	DEF	71.961	65	6.961	0
Feb-22	2/28/2022	DEF	67.856	65	2.856	0
Mar-22	3/1/2022	DEF	64.107	65	0	0.893
Mar-22	3/2/2022	DEF	65.9665	65	0.9665	0
Mar-22	3/3/2022	DEF	68.865	65	3.865	0
Mar-22	3/4/2022	DEF	71.354	65	6.354	0

Mar-22	3/5/2022	DEF	72.246	65	7.246	0
Mar-22	3/6/2022	DEF	74.0705	65	9.0705	0
Mar-22	3/7/2022	DEF	75.2785	65	10.2785	0
Mar-22	3/8/2022	DEF	75.157	65	10.157	0
Mar-22	3/9/2022	DEF	75.163	65	10.163	0
Mar-22	3/10/2022	DEF	72.3825	65	7.3825	0
Mar-22	3/11/2022	DEF	75.8935	65	10.8935	0
Mar-22	3/12/2022	DEF	65.183	65	0.183	0
Mar-22	3/13/2022	DEF	52.43	65	0	12.57
Mar-22	3/14/2022	DEF	63.7505	65	0	1.2495
Mar-22	3/15/2022	DEF	70.943	65	5.943	0
Mar-22	3/16/2022	DEF	71.0445	65	6.0445	0
Mar-22	3/17/2022	DEF	70.181	65	5.181	0
Mar-22	3/18/2022	DEF	73.6455	65	8.6455	0
Mar-22	3/19/2022	DEF	75.2115	65	10.2115	0
Mar-22	3/20/2022	DEF	70.8205	65	5.8205	0
Mar-22	3/21/2022	DEF	68.327	65	3.327	0
Mar-22	3/22/2022	DEF	72.9485	65	7.9485	0
Mar-22	3/23/2022	DEF	75.9765	65	10.9765	0
Mar-22	3/24/2022	DEF	70.8735	65	5.8735	0
Mar-22	3/25/2022	DEF	67.203	65	2.203	0
Mar-22	3/26/2022	DEF	66.3965	65	1.3965	0
Mar-22	3/27/2022	DEF	67.81	65	2.81	0
Mar-22	3/28/2022	DEF	70.3905	65	5.3905	0
Mar-22	3/29/2022	DEF	72.2815	65	7.2815	0
Mar-22	3/30/2022	DEF	73.94	65	8.94	0
Mar-22	3/31/2022	DEF	76.549	65	11.549	0
Apr-22	4/1/2022	DEF	74.547	65	9.547	0
Apr-22	4/2/2022	DEF	70.289	65	5.289	0
Apr-22	4/3/2022	DEF	69.015	65	4.015	0
Apr-22	4/4/2022	DEF	71.463	65	6.463	0
Apr-22	4/5/2022	DEF	77.0575	65	12.0575	0
Apr-22	4/6/2022	DEF	79.3675	65	14.3675	0
Apr-22	4/7/2022	DEF	74.7335	65	9.7335	0
Apr-22	4/8/2022	DEF	67.1085	65	2.1085	0
Apr-22	4/9/2022	DEF	63.016	65	0	1.984
Apr-22	4/10/2022	DEF	63.23	65	0	1.77
Apr-22	4/11/2022	DEF	68.0755	65	3.0755	0
Apr-22	4/12/2022	DEF	72.35	65	7.35	0
Apr-22	4/13/2022	DEF	74.0465	65	9.0465	0
Apr-22	4/14/2022	DEF	76.3215	65	11.3215	0
Apr-22	4/15/2022	DEF	76.4795	65	11.4795	0
Apr-22	4/16/2022	DEF	76.232	65	11.232	0
Apr-22	4/17/2022	DEF	77.242	65	12.242	0
Apr-22	4/18/2022	DEF	77.0255	65	12.0255	0
Apr-22	4/19/2022	DEF	72.147	65	7.147	0
Apr-22	4/20/2022	DEF	70.395	65	5.395	0

Apr-22	4/21/2022	DEF	74.0045	65	9.0045	0
Apr-22	4/22/2022	DEF	73.9265	65	8.9265	0
Apr-22	4/23/2022	DEF	74.686	65	9.686	0
Apr-22	4/24/2022	DEF	75.9875	65	10.9875	0
Apr-22	4/25/2022	DEF	76.7	65	11.7	0
Apr-22	4/26/2022	DEF	76.2485	65	11.2485	0
Apr-22	4/27/2022	DEF	77.0595	65	12.0595	0
Apr-22	4/28/2022	DEF	76.069	65	11.069	0
Apr-22	4/29/2022	DEF	74.403	65	9.403	0
Apr-22	4/30/2022	DEF	74.809	65	9.809	0
May-22	5/1/2022	DEF	76.127	65	11.127	0
May-22	5/2/2022	DEF	77.051	65	12.051	0
May-22	5/3/2022	DEF	77.6855	65	12.6855	0
May-22	5/4/2022	DEF	78.9695	65	13.9695	0
May-22	5/5/2022	DEF	80.5195	65	15.5195	0
May-22	5/6/2022	DEF	80.1895	65	15.1895	0
May-22	5/7/2022	DEF	79.3695	65	14.3695	0
May-22	5/8/2022	DEF	78.639	65	13.639	0
May-22	5/9/2022	DEF	76.068	65	11.068	0
May-22	5/10/2022	DEF	72.889	65	7.889	0
May-22	5/11/2022	DEF	73.939	65	8.939	0
May-22	5/12/2022	DEF	74.0125	65	9.0125	0
May-22	5/13/2022	DEF	74.316	65	9.316	0
May-22	5/14/2022	DEF	77.14	65	12.14	0
May-22	5/15/2022	DEF	77.7135	65	12.7135	0
May-22	5/16/2022	DEF	77.804	65	12.804	0
May-22	5/17/2022	DEF	79.5675	65	14.5675	0
May-22	5/18/2022	DEF	80.913	65	15.913	0
May-22	5/19/2022	DEF	80.7545	65	15.7545	0
May-22	5/20/2022	DEF	77.775	65	12.775	0
May-22	5/21/2022	DEF	78.8695	65	13.8695	0
May-22	5/22/2022	DEF	81.5875	65	16.5875	0
May-22	5/23/2022	DEF	81.55	65	16.55	0
May-22	5/24/2022	DEF	80.9545	65	15.9545	0
May-22	5/25/2022	DEF	80.8835	65	15.8835	0
May-22	5/26/2022	DEF	80.6755	65	15.6755	0
May-22	5/27/2022	DEF	80.5655	65	15.5655	0
May-22	5/28/2022	DEF	80.4865	65	15.4865	0
May-22	5/29/2022	DEF	80.2735	65	15.2735	0
May-22	5/30/2022	DEF	79.704	65	14.704	0
May-22	5/31/2022	DEF	79.8545	65	14.8545	0

The degree days are calculated from preliminary quality-controlled data from the National Oceanic and Atmospheric Administration (NOAA) for the sales weighted average of Orlando International Airport (MCO), Tallahassee Regional Airport (TLH) and St. Petersburg International Airport (PIE). The methodology employed calculates the degree days from the average daily temperature as compared against a base of 65 degrees for cooling and 65 degrees for heating.

Year	Month	CUST_COM	Filled	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yr2020Plus	XMissing	YMissing
2010	12	161,359	1,447,656.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2011	1	161,529	1,449,209.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	161,537	1,451,589.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	161,755	1,453,156.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	161,834	1,453,324.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	162,061	1,452,344.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	162,318	1,452,304.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	162,442	1,452,071.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	162,518	1,451,892.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	162,599	1,452,133.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2011	10	162,647	1,452,347.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2011	11	162,935	1,453,846.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2011	12	162,457	1,455,752.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2012	1	162,586	1,458,136.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	162,826	1,460,996.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	162,989	1,463,879.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	163,173	1,464,002.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	163,195	1,463,086.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	163,131	1,463,062.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	163,667	1,464,991.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	163,856	1,464,825.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	164,034	1,465,160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2012	10	164,104	1,465,281.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2012	11	164,426	1,467,018.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2012	12	164,107	1,469,407.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2013	1	163,729	1,471,228.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	164,582	1,473,524.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	164,648	1,476,494.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	164,749	1,476,983.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	164,904	1,476,072.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	164,640	1,476,177.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	165,197	1,478,112.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	165,461	1,478,089.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	165,819	1,477,554.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2013	10	165,846	1,479,562.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2013	11	166,182	1,484,265.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2013	12	166,263	1,488,356.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2014	1	165,844	1,490,408.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	166,327	1,491,862.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	166,330	1,494,804.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	166,641	1,498,052.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	166,735	1,497,403.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	166,956	1,499,069.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	167,115	1,500,360.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	167,174	1,501,617.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	166,888	1,504,244.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0

2014	10	167,273	1,507,135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2014	11	167,823	1,512,779.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2014	12	167,773	1,511,013.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2015	1	167,938	1,514,320.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	168,411	1,516,193.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	168,527	1,519,014.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	168,764	1,520,413.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	168,937	1,521,090.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	169,233	1,522,877.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	169,239	1,524,108.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	169,139	1,525,732.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	169,636	1,528,354.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2015	10	169,741	1,530,221.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2015	11	169,914	1,533,150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2015	12	170,083	1,536,369.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2016	1	170,151	1,538,756.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	170,249	1,541,820.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	170,435	1,544,088.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	170,551	1,545,687.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	170,951	1,546,684.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	171,163	1,547,448.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	171,349	1,548,595.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	171,669	1,550,721.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	171,885	1,552,407.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2016	10	172,036	1,553,795.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2016	11	172,174	1,555,471.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2016	12	172,307	1,558,704.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2017	1	172,469	1,561,404.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	172,790	1,563,934.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	173,147	1,566,777.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	173,316	1,568,382.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	173,628	1,569,908.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	173,870	1,571,275.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	174,104	1,573,084.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	174,344	1,575,202.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	174,142	1,576,117.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2017	10	175,062	1,584,676.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2017	11	175,574	1,582,785.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2017	12	175,090	1,583,496.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2018	1	175,326	1,587,358.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	175,220	1,588,420.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	175,325	1,590,953.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	175,505	1,592,926.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	175,688	1,593,798.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	175,890	1,596,891.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	175,896	1,599,236.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	175,968	1,600,135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	176,557	1,605,094.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2018	10	175,926	1,601,907.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2018	11	176,964	1,610,169.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2018	12	177,008	1,611,246.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2019	1	177,040	1,615,025.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	177,713	1,615,733.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	177,818	1,618,127.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	177,635	1,621,987.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	177,721	1,621,898.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	177,672	1,621,150.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	178,174	1,628,145.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	177,973	1,625,799.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	178,078	1,627,601.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2019	10	178,092	1,630,220.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2019	11	178,754	1,633,394.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2019	12	178,440	1,636,473.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2020	1	178,783	1,639,349.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	2	178,908	1,642,823.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	3	179,125	1,644,853.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	4	179,015	1,648,060.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	5	178,949	1,650,796.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	6	179,245	1,652,761.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	7	179,738	1,656,543.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	8	179,835	1,657,899.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	9	180,037	1,663,177.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	0
2020	10	180,130	1,665,158.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	0
2020	11	180,589	1,666,416.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	0
2020	12	180,562	1,671,874.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	0
2021	1	180,931	1,671,681.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	2	181,546	1,675,535.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	3	181,284	1,678,510.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	4	181,701	1,681,018.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	5	182,034	1,684,627.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	6	181,848	1,686,246.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	7	182,247	1,686,741.45	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	8		1,690,205.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	9		1,693,649.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2021	10		1,697,076.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2021	11		1,700,485.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2021	12		1,703,879.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2022	1		1,707,258.98	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	2		1,710,624.48	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	3		1,713,977.13	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	4		1,717,317.78	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	5		1,720,647.20	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	6		1,723,966.12	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	7		1,727,275.24	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2022	8	1,730,449.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	9	1,733,614.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2022	10	1,736,772.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2022	11	1,739,922.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2022	12	1,743,065.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2023	1	1,746,201.82	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	2	1,749,332.15	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	3	1,752,456.76	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	4	1,755,576.01	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	5	1,758,690.27	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	6	1,761,799.84	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	7	1,764,905.05	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	8	1,767,877.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	9	1,770,845.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2023	10	1,773,810.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2023	11	1,776,772.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2023	12	1,779,731.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2024	1	1,782,686.72	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	2	1,785,639.59	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	3	1,788,589.92	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	4	1,791,537.85	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	5	1,794,483.56	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	6	1,797,427.19	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	7	1,800,368.87	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	8	1,803,289.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	9	1,806,208.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2024	10	1,809,125.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2024	11	1,812,040.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2024	12	1,814,955.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2025	1	1,817,868.12	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	2	1,820,779.88	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	3	1,823,690.50	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	4	1,826,600.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	5	1,829,508.63	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	6	1,832,416.26	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	7	1,835,323.03	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	8	1,838,100.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	9	1,840,877.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2025	10	1,843,654.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2025	11	1,846,429.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2025	12	1,849,204.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2026	1	1,851,979.26	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	2	1,854,753.16	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	3	1,857,526.56	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	4	1,860,299.49	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	5	1,863,071.97	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	6	1,865,844.04	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2026	7	1,868,615.73	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	8	1,871,248.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	9	1,873,881.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2026	10	1,876,513.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2026	11	1,879,145.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2026	12	1,881,776.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2027	1	1,884,408.06	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	2	1,887,039.17	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	3	1,889,670.05	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	4	1,892,300.72	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	5	1,894,931.19	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	6	1,897,561.48	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	7	1,900,191.60	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	8	1,902,671.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	9	1,905,151.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2027	10	1,907,631.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2027	11	1,910,110.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2027	12	1,912,590.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2028	1	1,915,069.70	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	2	1,917,548.96	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	3	1,920,028.11	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	4	1,922,507.18	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	5	1,924,986.16	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	6	1,927,465.05	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	7	1,929,943.87	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	8	1,932,261.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	9	1,934,579.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2028	10	1,936,896.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2028	11	1,939,214.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2028	12	1,941,531.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2029	1	1,943,849.42	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	2	1,946,166.82	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	3	1,948,484.18	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	4	1,950,801.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	5	1,953,118.77	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	6	1,955,436.01	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	7	1,957,753.22	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	8	1,959,961.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	9	1,962,170.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2029	10	1,964,379.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2029	11	1,966,588.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2029	12	1,968,796.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2030	1	1,971,005.41	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	2	1,973,214.02	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	3	1,975,422.62	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	4	1,977,631.19	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	5	1,979,839.75	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2030	6	1,982,048.29	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	7	1,984,256.82	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	8	1,986,352.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	9	1,988,448.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2030	10	1,990,543.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2030	11	1,992,639.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2030	12	1,994,734.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2031	1	1,996,830.44	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	2	1,998,926.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	3	2,001,021.56	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	4	2,003,117.11	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	5	2,005,212.65	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	6	2,007,308.19	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	7	2,009,403.71	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	8	2,011,389.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	9	2,013,375.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2031	10	2,015,360.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2031	11	2,017,346.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2031	12	2,019,331.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2032	1	2,021,317.61	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	2	2,023,303.24	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	3	2,025,288.87	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	4	2,027,274.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	5	2,029,260.12	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	6	2,031,245.74	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	7	2,033,231.35	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	8	2,035,112.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	9	2,036,993.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2032	10	2,038,874.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2032	11	2,040,755.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2032	12	2,042,636.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2033	1	2,044,517.01	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	2	2,046,397.95	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	3	2,048,278.88	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	4	2,050,159.82	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	5	2,052,040.75	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	6	2,053,921.68	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	7	2,055,802.61	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	8	2,057,584.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	9	2,059,366.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2033	10	2,061,147.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2033	11	2,062,929.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2033	12	2,064,711.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2034	1	2,066,493.28	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	2	2,068,275.06	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	3	2,070,056.83	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	4	2,071,838.61	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2034	5	2,073,620.38	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	6	2,075,402.15	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	7	2,077,183.92	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	8	2,078,940.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	9	2,080,697.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2034	10	2,082,454.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2034	11	2,084,211.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2034	12	2,085,968.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2035	1	2,087,725.71	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	2	2,089,482.67	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	3	2,091,239.63	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	4	2,092,996.59	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	5	2,094,753.55	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	6	2,096,510.51	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	7	2,098,267.48	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	8	2,100,007.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	9	2,101,747.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2035	10	2,103,486.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2035	11	2,105,226.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2035	12	2,106,966.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2036	1	2,108,706.06	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	2	2,110,445.83	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	3	2,112,185.59	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	4	2,113,925.35	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	5	2,115,665.12	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	6	2,117,404.88	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	7	2,119,144.64	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	8	2,120,799.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	9	2,122,453.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2036	10	2,124,107.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2036	11	2,125,762.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2036	12	2,127,416.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2037	1	2,129,070.98	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	2	2,130,725.37	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	3	2,132,379.76	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	4	2,134,034.15	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	5	2,135,688.54	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	6	2,137,342.93	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	7	2,138,997.32	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	8	2,140,635.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	9	2,142,273.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2037	10	2,143,912.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2037	11	2,145,550.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2037	12	2,147,188.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2038	1	2,148,827.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	2	2,150,465.28	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	3	2,152,103.56	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2038	4	2,153,741.84	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	5	2,155,380.12	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	6	2,157,018.40	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	7	2,158,656.68	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	8	2,160,279.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	9	2,161,902.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2038	10	2,163,525.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2038	11	2,165,148.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2038	12	2,166,771.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2039	1	2,168,395.03	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	2	2,170,018.09	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	3	2,171,641.15	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	4	2,173,264.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	5	2,174,887.26	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	6	2,176,510.32	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	7	2,178,133.38	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	8	2,179,742.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	9	2,181,350.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2039	10	2,182,959.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2039	11	2,184,568.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2039	12	2,186,176.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2040	1	2,187,785.47	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	2	2,189,394.15	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	3	2,191,002.83	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	4	2,192,611.51	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	5	2,194,220.20	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	6	2,195,828.88	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	7	2,197,437.56	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	8	2,199,032.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	9	2,200,627.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2040	10	2,202,222.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2040	11	2,203,817.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2040	12	2,205,411.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2041	1	2,207,006.77	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	2	2,208,601.64	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	3	2,210,196.51	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	4	2,211,791.38	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	5	2,213,386.24	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	6	2,214,981.11	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	7	2,216,575.98	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	8	2,218,156.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	9	2,219,736.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2041	10	2,221,317.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2041	11	2,222,897.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2041	12	2,224,478.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2042	1	2,226,058.69	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	2	2,227,639.14	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2042	3	2,229,219.60	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	4	2,230,800.05	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	5	2,232,380.50	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	6	2,233,960.95	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	7	2,235,541.40	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	8	2,237,106.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	9	2,238,671.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2042	10	2,240,236.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2042	11	2,241,801.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2042	12	2,243,366.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2043	1	2,244,931.82	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	2	2,246,496.88	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	3	2,248,061.95	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	4	2,249,627.02	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	5	2,251,192.09	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	6	2,252,757.16	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	7	2,254,322.23	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	8	2,255,870.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	9	2,257,419.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2043	10	2,258,968.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2043	11	2,260,517.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2043	12	2,262,066.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2044	1	2,263,614.78	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	2	2,265,163.54	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	3	2,266,712.30	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	4	2,268,261.06	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	5	2,269,809.82	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	6	2,271,358.58	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	7	2,272,907.33	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	8	2,274,438.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	9	2,275,970.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2044	10	2,277,501.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2044	11	2,279,033.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2044	12	2,280,564.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2045	1	2,282,096.47	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	2	2,283,628.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	3	2,285,159.52	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	4	2,286,691.04	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	5	2,288,222.57	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	6	2,289,754.09	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	7	2,291,285.61	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	8	2,292,799.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	9	2,294,314.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2045	10	2,295,828.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2045	11	2,297,342.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2045	12	2,298,857.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2046	1	2,300,371.34	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2046	2	2,301,885.63	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	3	2,303,399.91	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	4	2,304,914.20	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	5	2,306,428.49	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	6	2,307,942.78	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	7	2,309,457.06	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	8	2,311,037.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	9	2,312,618.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2046	10	2,314,199.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2046	11	2,315,780.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2046	12	2,317,360.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2047	1	2,318,941.47	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	2	2,320,522.20	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	3	2,322,102.93	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	4	2,323,683.67	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	5	2,325,264.40	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	6	2,326,845.14	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	7	2,328,425.87	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	8	2,330,000.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	9	2,331,575.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2047	10	2,333,150.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2047	11	2,334,725.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2047	12	2,336,300.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2048	1	2,337,875.24	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	2	2,339,450.13	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	3	2,341,025.02	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	4	2,342,599.92	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	5	2,344,174.81	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	6	2,345,749.71	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	7	2,347,324.60	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	8	2,348,898.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	9	2,350,473.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2048	10	2,352,047.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2048	11	2,353,621.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2048	12	2,355,196.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1
2049	1	2,356,770.35	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	2	2,358,344.64	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	3	2,359,918.93	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	4	2,361,493.22	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	5	2,363,067.51	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	6	2,364,641.80	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	7	2,366,216.09	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	8	2,367,795.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	9	2,369,374.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2049	10	2,370,953.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2049	11	2,372,532.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2049	12	2,374,111.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1

2050	1	2,375,690.83	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	2	2,377,269.95	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	3	2,378,849.07	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	4	2,380,428.19	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	5	2,382,007.32	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	6	2,383,586.44	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	7	2,385,165.56	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	8	2,386,744.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	9	2,388,323.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0	1
2050	10	2,389,902.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0	1
2050	11	2,391,482.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	1
2050	12	2,393,061.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
CUST_COM	128	171,092.9	6,301.8	161,359.0	182,246.9	0.097	1.679	9.5	8.61E-03	1.000		EDB Adj
Filled	128	1,548,776.9	72,619.0	1,447,656.0	1,686,741.4	0.269	1.822	8.9	1.14E-02	0.996		
Jan	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.025		
Feb	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.008		
Mar	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.003		
Apr	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	0.004		
May	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	0.012		
Jun	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	0.018		
Jul	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	0.032		
Aug	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	-0.014		
Sep	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	-0.006		
Oct	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	-0.000		
Nov	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	0.020		
Dec	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.029		
Yr2020Plus	128	0.1	0.4	0.0	1.0	1.978	4.911	102.9	0.00E+00	0.615		

	CUST_COM	Filled	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yr2020Plus
CUST_COM	1.000	0.996	-0.025	-0.008	-0.003	0.004	0.012	0.018	0.032	-0.014	-0.006	-0.000	0.020	-0.029	0.615
Filled	0.996	1.000	-0.015	-0.005	0.005	0.013	0.016	0.020	0.029	-0.022	-0.014	-0.007	0.005	-0.026	0.668
Jan	-0.025	-0.015	1.000	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Feb	-0.008	-0.005	-0.094	1.000	-0.094	-0.094	-0.094	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Mar	-0.003	0.005	-0.094	-0.094	1.000	-0.094	-0.094	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Apr	0.004	0.013	-0.094	-0.094	-0.094	1.000	-0.094	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
May	0.012	0.016	-0.094	-0.094	-0.094	-0.094	1.000	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Jun	0.018	0.020	-0.094	-0.094	-0.094	-0.094	-0.094	1.000	-0.094	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Jul	0.032	0.029	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	1.000	-0.089	-0.089	-0.089	-0.089	-0.094	0.029
Aug	-0.014	-0.022	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	1.000	-0.085	-0.085	-0.085	-0.089	-0.040
Sep	-0.006	-0.014	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.085	1.000	-0.085	-0.085	-0.089	-0.040
Oct	-0.000	-0.007	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.085	-0.085	1.000	-0.085	-0.089	-0.040
Nov	0.020	0.005	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.089	-0.085	-0.085	-0.085	1.000	-0.089	-0.040
Dec	-0.029	-0.026	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.094	-0.089	-0.089	-0.089	-0.089	1.000	-0.050
Yr2020Plus	0.615	0.668	0.029	0.029	0.029	0.029	0.029	0.029	0.029	-0.040	-0.040	-0.040	-0.040	-0.050	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CUST_RES.Filled	0.063	0.012	5.427	0.00%		
mCALENDAR.Jan	75482.458	21308.016	3.542	0.06%		
mCALENDAR.Feb	75635.450	21313.755	3.549	0.06%		
mCALENDAR.Mar	75545.678	21322.147	3.543	0.06%		
mCALENDAR.Apr	75523.531	21321.904	3.542	0.06%		
mCALENDAR.May	75616.631	21307.493	3.549	0.06%		
mCALENDAR.Jun	75614.725	21297.884	3.550	0.06%		
mCALENDAR.Jul	75734.532	21299.929	3.556	0.06%		
mCALENDAR.Aug	75750.966	21285.574	3.559	0.06%		
mCALENDAR.Sep	75756.323	21286.458	3.559	0.06%		
mCALENDAR.Oct	75716.049	21285.508	3.557	0.06%		
mCALENDAR.Nov	75939.384	21296.646	3.566	0.05%		
mCALENDAR.Dec	75626.476	21301.188	3.550	0.06%		
MBin.Yr2020Plus	291.756	231.694	1.259	21.06%		
AR(1)	0.984	0.016	63.493	0.00%		

Model Statistics	
Iterations	39
Adjusted Observations	127
Deg. of Freedom for Error	112
R-Squared	0.999
Adjusted R-Squared	0.999
AIC	10.90
BIC	11.23
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-857.12
Model Sum of Squares	4,942,569,383.89
Sum of Squared Errors	5,412,829.74
Mean Squared Error	48,328.84
Std. Error of Regression	219.84
Mean Abs. Dev. (MAD)	160.16
Mean Abs. % Err. (MAPE)	0.09%
Durbin-Watson Statistic	2.416
Durbin-H Statistic	#NA
Ljung-Box Statistic	33.71
Prob (Ljung-Box)	0.0899
Skewness	-0.185
Kurtosis	2.869
Jarque-Bera	0.812
Prob (Jarque-Bera)	0.6664

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

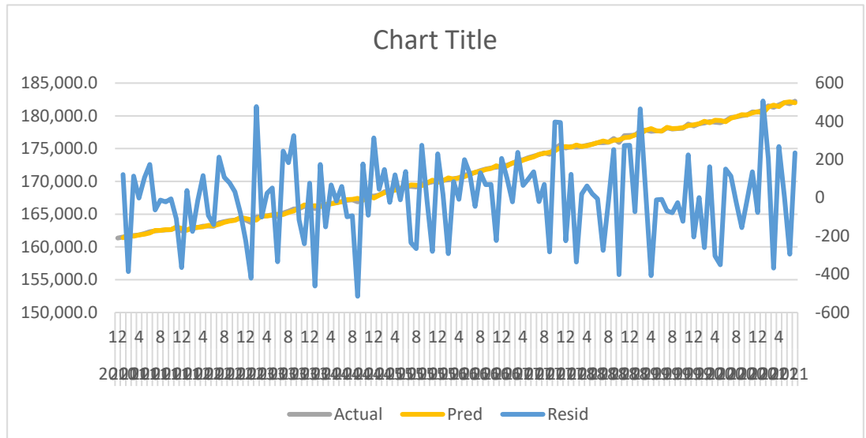
Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	161,359.0				
2011	1	161,529.0	161406.8656	122.1344457	0.000756115	0.555565148
2011	2	161,537.0	161922.802	-385.802008	-0.00238832	-1.754936115
2011	3	161,755.0	161641.2654	113.7346344	0.000703129	0.517356088
2011	4	161,834.0	161835.03	-1.029986805	-6.36446E-06	-0.004685204
2011	5	162,061.0	161955.1754	105.8245911	0.000652992	0.481374884
2011	6	162,318.0	162143.5615	174.4384502	0.001074671	0.793485596
2011	7	162,442.0	162505.9118	-63.91179158	-0.000393444	-0.290721948
2011	8	162,518.0	162529.6554	-11.65540571	-7.17176E-05	-0.053018108
2011	9	162,599.0	162620.0398	-21.03975533	-0.000129397	-0.095705636
2011	10	162,647.0	162652.7421	-5.742080418	-3.53039E-05	-0.026119575
2011	11	162,935.0	163044.502	-109.5019631	-0.000672059	-0.498102513
2011	12	162,457.0	162822.5015	-365.5014809	-0.002249835	-1.662593081
2012	1	162,586.0	162548.1785	37.82146628	0.000232624	0.17204228
2012	2	162,826.0	163002.3822	-176.382169	-0.001083256	-0.802327184
2012	3	162,989.0	163002.5643	-13.5643494	-8.32225E-05	-0.06170151
2012	4	163,173.0	163057.3748	115.6252471	0.000708605	0.525956107
2012	5	163,195.0	163287.709	-92.70903822	-0.000568087	-0.421714859
2012	6	163,131.0	163271.3726	-140.3726024	-0.00086049	-0.638526872
2012	7	163,667.0	163453.6664	213.3336122	0.001303461	0.970411903
2012	8	163,856.0	163749.0198	106.9801739	0.000652891	0.486631399
2012	9	164,034.0	163955.7521	78.24794491	0.000477023	0.35593424
2012	10	164,104.0	164072.1737	31.82634958	0.00019394	0.144771694
2012	11	164,426.0	164506.4427	-80.44266606	-0.000489233	-0.365917587
2012	12	164,107.0	164333.6497	-226.6497176	-0.001381109	-1.030984201
2013	1	163,729.0	164150.0808	-421.0807544	-0.002571815	-1.915412072
2013	2	164,582.0	164104.6973	477.3027467	0.002900091	2.171154662
2013	3	164,648.0	164748.7972	-100.7971943	-0.000612198	-0.458506262
2013	4	164,749.0	164725.8934	23.10659942	0.000140253	0.105107296
2013	5	164,904.0	164852.0612	51.93878928	0.000314964	0.236259157
2013	6	164,640.0	164974.4692	-334.4691961	-0.002031518	-1.521433429
2013	7	165,197.0	164952.2791	244.7209466	0.001481389	1.113186605
2013	8	165,461.0	165276.9772	184.0228175	0.001112182	0.837082964
2013	9	165,819.0	165493.5432	325.4568312	0.001962723	1.480437984
2013	10	165,846.0	165960.7473	-114.7473033	-0.000691891	-0.521962516
2013	11	166,182.0	166422.8906	-240.8906477	-0.001449559	-1.095763342
2013	12	166,263.0	166186.8454	76.1545574	0.000458037	0.346411839
2014	1	165,844.0	166305.5304	-461.5304474	-0.002782919	-2.099409629
2014	2	166,327.0	166152.111	174.8889504	0.001051477	0.795534831
2014	3	166,330.0	166482.7582	-152.7582077	-0.000918404	-0.694866512
2014	4	166,641.0	166574.2353	66.76465398	0.00040065	0.303699048
2014	5	166,735.0	166751.7887	-16.7887062	-0.000100691	-0.076368464
2014	6	166,956.0	166896.6505	59.34946662	0.00035548	0.269968845
2014	7	167,115.0	167213.7644	-98.7643605	-0.000590996	-0.449259308
2014	8	167,174.0	167267.9127	-93.91268657	-0.000561766	-0.427190014
2014	9	166,888.0	167403.1408	-515.140846	-0.003086746	-2.343272602

	Cust_COM	Cust Res
2010-2020 APCT	**1.13%**	**1.45%**
2015-2020 APCT	**1.20%**	**1.70%**
2020--2025 APCT	**1.30%**	**2.07%**
2025-2030 APCT	**0.95%**	**1.53%**
2030-2035 APCT	**0.70%**	**1.10%**
2035-2050 APCT	**0.56%**	**0.85%**

Growth in Residential Customers Drives Commercial Customers
High Growth due to in Migration to State and Millinial population aquiring homes
In migration due to attraction of Forida to retireees, new buisiness, and young population
Covid gave boost to HH and Customer Growth as peaple retired ealier and remote work trend
Residential and Population activity drive demand for commercial services (local base activity)

2014	10	167,273.0	167095.479	177.5210043	0.001061265	0.807507517
2014	11	167,823.0	167914.5019	-91.50193472	-0.000545229	-0.416223987
2014	12	167,773.0	167459.7116	313.2883905	0.001867335	1.425086183
2015	1	167,938.0	167893.7653	44.23470139	0.000263399	0.201214803
2015	2	168,411.0	168263.4266	147.5734229	0.00087627	0.671281964
2015	3	168,527.0	168550.4724	-23.47240478	-0.00013928	-0.106771271
2015	4	168,764.0	168643.6579	120.3420789	0.000713079	0.54741203
2015	5	168,937.0	168947.4979	-10.49788989	-6.21409E-05	-0.0477528
2015	6	169,233.0	169095.1646	137.835404	0.000814471	0.626985665
2015	7	169,239.0	169474.7535	-235.7535197	-0.001393021	-1.072395575
2015	8	169,139.0	169405.2963	-266.2962822	-0.001574423	-1.211328488
2015	9	169,636.0	169360.8681	275.1318869	0.001621896	1.251519885
2015	10	169,741.0	169759.2823	-18.28226973	-0.000107707	-0.083162386
2015	11	169,914.0	170194.6823	-280.68229	-0.001651908	-1.276767558
2015	12	170,083.0	169853.5356	229.4643685	0.001349132	1.043787485
2016	1	170,151.0	170134.3494	16.65059698	9.78578E-05	0.075740233
2016	2	170,249.0	170541.2463	-292.2463282	-0.001716582	-1.329370054
2016	3	170,435.0	170350.045	84.95502645	0.00049846	0.386443411
2016	4	170,551.0	170559.228	-8.22799299	-4.82436E-05	-0.037427493
2016	5	170,951.0	170751.7836	199.2164176	0.001165342	0.90619561
2016	6	171,163.0	171038.1628	124.8372222	0.000729347	0.567859537
2016	7	171,349.0	171393.4932	-44.49321548	-0.000259664	-0.202390732
2016	8	171,669.0	171538.189	130.8110121	0.000761996	0.595033112
2016	9	171,885.0	171816.5817	68.41834345	0.000398047	0.31122135
2016	10	172,036.0	171966.4399	69.56011064	0.000404335	0.316415021
2016	11	172,174.0	172397.6373	-223.6372514	-0.001298903	-1.017281095
2016	12	172,307.0	172100.9856	206.0144315	0.001195624	0.937118415
2017	1	172,469.0	172365.3103	103.6897006	0.000601208	0.471663694
2017	2	172,790.0	172811.4177	-21.41766476	-0.000123952	-0.09742467
2017	3	173,147.0	172909.3401	237.6599308	0.001372591	1.081067457
2017	4	173,316.0	173251.372	64.62803966	0.000372891	0.293980017
2017	5	173,628.0	173529.1975	98.8025108	0.000569047	0.449432846
2017	6	173,870.0	173734.1875	135.8124812	0.000781115	0.617783794
2017	7	174,104.0	174123.3821	-19.38205772	-0.000111325	-0.088165101
2017	8	174,344.0	174273.5719	70.42812401	0.000403961	0.32036344
2017	9	174,142.0	174424.9295	-282.9294636	-0.001624705	-1.286989501
2017	10	175,062.0	174665.3513	396.6487177	0.002265761	1.804275627
2017	11	175,574.0	175180.8637	393.1363193	0.002239149	1.78829843
2017	12	175,090.0	175314.8448	-224.8448023	-0.001284167	-1.022774002
2018	1	175,326.0	175202.6112	123.3887752	0.000703768	0.561270842
2018	2	175,220.0	175556.2393	-336.2393497	-0.001918955	-1.529485503
2018	3	175,325.0	175305.7589	19.24113463	0.000109746	0.08752407
2018	4	175,505.0	175442.3921	62.60793799	0.00035673	0.284790979
2018	5	175,688.0	175666.7226	21.27735602	0.000121109	0.096786434
2018	6	175,890.0	175894.7499	-4.749908605	-2.7005E-05	-0.021606384
2018	7	175,896.0	176170.9878	-274.9877884	-0.001563354	-1.25086441
2018	8	175,968.0	175986.245	-18.24504694	-0.000103684	-0.082993067

2018	9	176,557.0	176304.1776	252.8224228	0.001431959	1.150038599
2018	10	175,926.0	176327.6478	-401.6477722	-0.00228305	-1.827015325
2018	11	176,964.0	176691.1173	272.8826861	0.001542024	1.241288721
2018	12	177,008.0	176733.4572	274.5428069	0.001551019	1.248840278
2019	1	177,040.0	177112.7961	-72.79607646	-0.000411184	-0.331134782
2019	2	177,713.0	177248.4229	464.5771328	0.002614199	2.113268391
2019	3	177,818.0	177777.8404	40.15956736	0.000225846	0.182677834
2019	4	177,635.0	178042.5746	-407.5745876	-0.00229445	-1.853975222
2019	5	177,721.0	177731.2861	-10.28608662	-5.78777E-05	-0.046789349
2019	6	177,672.0	177680.5906	-8.59057765	-4.83508E-05	-0.039076818
2019	7	178,174.0	178243.4115	-69.41146974	-0.000389571	-0.315738883
2019	8	177,973.0	178051.7373	-78.73727337	-0.000442411	-0.358160097
2019	9	178,078.0	178103.3122	-25.31215735	-0.000142141	-0.115139938
2019	10	178,092.0	178214.624	-122.6239728	-0.000688543	-0.557791909
2019	11	178,754.0	178529.1305	224.8694936	0.001257983	1.022886318
2019	12	178,440.0	178645.1044	-205.1044323	-0.001149431	-0.932979011
2020	1	178,783.0	178782.0081	0.991901419	5.54807E-06	0.004511961
2020	2	178,908.0	179167.9055	-259.9055473	-0.001452733	-1.182258314
2020	3	179,125.0	178962.6709	162.3291374	0.000906234	0.738402755
2020	4	179,015.0	179318.9702	-303.9702385	-0.001698015	-1.382699775
2020	5	178,949.0	179299.0166	-350.016644	-0.001955958	-1.592155657
2020	6	179,245.0	179094.4788	150.5212096	0.000839751	0.684690855
2020	7	179,738.0	179624.4511	113.5488848	0.000631747	0.51651115
2020	8	179,835.0	179858.3954	-23.39543256	-0.000130094	-0.10642114
2020	9	180,037.0	180192.6552	-155.6552069	-0.000864573	-0.708044382
2020	10	180,130.0	180142.5128	-12.51278381	-6.94653E-05	-0.056918149
2020	11	180,589.0	180453.2317	135.768254	0.000751808	0.617582613
2020	12	180,562.0	180639.3641	-77.36412156	-0.000428463	-0.351913904
2021	1	180,931.0	180424.5043	506.4956909	0.002799386	2.303947522
2021	2	181,546.0	181338.3492	207.6508142	0.001143792	0.944561992
2021	3	181,284.0	181651.4873	-367.4872747	-0.002027136	-1.671626059
2021	4	181,701.0	181433.2718	267.7282489	0.001473455	1.217842218
2021	5	182,034.0	182030.7613	3.238700261	1.77917E-05	0.014732199
2021	6	181,848.0	182142.6119	-294.6119489	-0.0016201	-1.340130789
2021	7	182,246.9	182011.7526	235.1007596	0.001290013	1.0694263
2021	8		182491.1872			
2021	9		182723.0895			
2021	10		182908.0872			
2021	11		183355.4952			
2021	12		183265.5353			
2022	1		183343.4052			
2022	2		183717.2894			
2022	3		183847.4709			
2022	4		184044.3955			
2022	5		184355.735			
2022	6		184571.2855			
2022	7		184907.8111			



Fit is very good
Coefficients significant and elasticity makes sence.
Growth factors on top are justified for residential and commercial customer growth.

2022	8	185132.3014
2022	9	185345.0594
2022	10	185511.5677
2022	11	185941.0998
2022	12	185833.8386
2023	1	185894.9455
2023	2	186252.5712
2023	3	186366.9667
2023	4	186548.5481
2023	5	186844.9596
2023	6	187045.9711
2023	7	187368.3225
2023	8	187578.797
2023	9	187777.86
2023	10	187930.974
2023	11	188347.3941
2023	12	188227.2856
2024	1	188275.7935
2024	2	188621.0533
2024	3	188723.3018
2024	4	188892.9417
2024	5	189177.6047
2024	6	189367.0489
2024	7	189678.0033
2024	8	189884.1614
2024	9	190079.0584
2024	10	190228.1478
2024	11	190640.6763
2024	12	190516.8013
2025	1	190561.6605
2025	2	190903.3824
2025	3	191002.1973
2025	4	191168.5019
2025	5	191449.9221
2025	6	191636.2109
2025	7	191944.0922
2025	8	192140.3698
2025	9	192325.4596
2025	10	192464.8109
2025	11	192867.6666
2025	12	192734.1804
2026	1	192769.4867
2026	2	193101.7109
2026	3	193191.0801
2026	4	193347.9884
2026	5	193620.059
2026	6	193797.0424

2026	7	194095.6603
2026	8	194282.0618
2026	9	194457.3131
2026	10	194586.8619
2026	11	194979.949
2026	12	194836.7266
2027	1	194862.3275
2027	2	195184.8755
2027	3	195264.5965
2027	4	195411.8831
2027	5	195674.3573
2027	6	195841.7686
2027	7	196130.8373
2027	8	196306.9876
2027	9	196472.009
2027	10	196591.3478
2027	11	196974.2443
2027	12	196820.8498
2028	1	196836.2962
2028	2	197148.7066
2028	3	197218.3063
2028	4	197355.4872
2028	5	197607.8707
2028	6	197765.2057
2028	7	198044.212
2028	8	198209.6123
2028	9	198363.8965
2028	10	198472.5106
2028	11	198844.6943
2028	12	198680.5985
2029	1	198685.3548
2029	2	198987.0859
2029	3	199046.0167
2029	4	199172.5388
2029	5	199414.2732
2029	6	199560.9685
2029	7	199829.3444
2029	8	199987.4521
2029	9	200134.4524
2029	10	200235.7909
2029	11	200600.707
2029	12	200429.3516
2030	1	200426.856
2030	2	200721.3426
2030	3	200773.0361
2030	4	200892.328
2030	5	201126.8392

2030	6	201266.3179
2030	7	201527.4837
2030	8	201678.1049
2030	9	201817.6247
2030	10	201911.4888
2030	11	202268.9366
2030	12	202090.1186
2031	1	202080.1659
2031	2	202367.201
2031	3	202411.4485
2031	4	202523.2996
2031	5	202750.3751
2031	6	202882.4232
2031	7	203136.1633
2031	8	203279.5548
2031	9	203411.8497
2031	10	203498.4935
2031	11	203848.7255
2031	12	203662.6962
2032	1	203645.5365
2032	2	203925.369
2032	3	203962.4179
2032	4	204067.0746
2032	5	204286.9598
2032	6	204411.8214
2032	7	204658.379
2032	8	204794.9205
2032	9	204920.3692
2032	10	205000.1705
2032	11	205343.5635
2032	12	205150.6987
2033	1	205126.7071
2033	2	205399.711
2033	3	205429.9347
2033	4	205527.7694
2033	5	205740.8358
2033	6	205858.8818
2033	7	206098.6269
2033	8	206228.7082
2033	9	206347.6997
2033	10	206421.0467
2033	11	206757.9883
2033	12	206558.675
2034	1	206528.2376
2034	2	206794.7985
2034	3	206818.5819
2034	4	206909.9789

2034	5	207116.6103
2034	6	207228.2239
2034	7	207461.539
2034	8	207589.8984
2034	9	207707.1703
2034	10	207778.8001
2034	11	208114.0269
2034	12	207913.0011
2035	1	207880.8536
2035	2	208145.7065
2035	3	208167.7842
2035	4	208257.4777
2035	5	208462.4076
2035	6	208572.3218
2035	7	208803.9397
2035	8	208931.0855
2035	9	209047.1459
2035	10	209117.5663
2035	11	209451.5855
2035	12	209249.354
2036	1	209216.0026
2036	2	209479.6536
2036	3	209500.5311
2036	4	209589.0262
2036	5	209792.7594
2036	6	209901.4788
2036	7	210131.9034
2036	8	210253.5423
2036	9	210364.0973
2036	10	210429.0139
2036	11	210757.5309
2036	12	210549.7988
2037	1	210510.9484
2037	2	210769.1018
2037	3	210784.4832
2037	4	210867.4837
2037	5	211065.7238
2037	6	211168.9514
2037	7	211393.8857
2037	8	211514.4198
2037	9	211623.8715
2037	10	211687.6861
2037	11	212015.1025
2037	12	211806.271
2038	1	211766.3225
2038	2	212023.379
2038	3	212037.6647

2038	4	212119.5708
2038	5	212316.7176
2038	6	212418.8532
2038	7	212642.6965
2038	8	212762.197
2038	9	212870.616
2038	10	212933.3991
2038	11	213259.7851
2038	12	213049.9242
2039	1	213008.9473
2039	2	213264.9765
2039	3	213278.236
2039	4	213359.1168
2039	5	213555.2393
2039	6	213656.3515
2039	7	213879.1725
2039	8	213997.705
2039	9	214105.1571
2039	10	214166.974
2039	11	214492.3947
2039	12	214281.5696
2040	1	214239.6292
2040	2	214494.6958
2040	3	214506.9935
2040	4	214586.9133
2040	5	214782.0756
2040	6	214882.2285
2040	7	215104.0908
2040	8	215221.7012
2040	9	215328.2319
2040	10	215389.1283
2040	11	215713.6291
2040	12	215501.8848
2041	1	215459.0259
2041	2	215713.1748
2041	3	215724.5554
2041	4	215803.5588
2041	5	215997.8055
2041	6	216097.0433
2041	7	216317.9912
2041	8	216434.6496
2041	9	216540.2289
2041	10	216600.1745
2041	11	216923.7252
2041	12	216711.0312
2042	1	216667.2234
2042	2	216920.4239

2042	3	216930.8567
2042	4	217008.9128
2042	5	217202.2128
2042	6	217300.5044
2042	7	217520.5067
2042	8	217636.1587
2042	9	217740.7323
2042	10	217799.6726
2042	11	218122.2185
2042	12	217908.5203
2043	1	217863.7087
2043	2	218115.9058
2043	3	218125.3357
2043	4	218202.3895
2043	5	218394.6875
2043	6	218491.9776
2043	7	218710.9789
2043	8	218825.5717
2043	9	218929.0865
2043	10	218986.9684
2043	11	219308.4563
2043	12	219093.7005
2044	1	219047.8318
2044	2	219298.9721
2044	3	219307.3457
2044	4	219383.3434
2044	5	219574.5858
2044	6	219670.8206
2044	7	219888.767
2044	8	220002.2466
2044	9	220104.6486
2044	10	220161.418
2044	11	220481.7938
2044	12	220265.9262
2045	1	220218.946
2045	2	220468.9752
2045	3	220476.2379
2045	4	220551.1252
2045	5	220741.2573
2045	6	220836.3823
2045	7	221053.2191
2045	8	221165.5894
2045	9	221266.8823
2045	10	221322.5431
2045	11	221641.8104
2045	12	221424.8347
2046	1	221376.7466

2046	2	221625.6681
2046	3	221631.8235
2046	4	221705.6037
2046	5	221894.629
2046	6	221988.6474
2046	7	222204.3778
2046	8	222320.9389
2046	9	222426.4228
2046	10	222486.2748
2046	11	222809.7336
2046	12	222596.9495
2047	1	222553.0533
2047	2	222806.167
2047	3	222816.5147
2047	4	222894.4874
2047	5	223087.7056
2047	6	223185.9169
2047	7	223405.8405
2047	8	223522.0195
2047	9	223627.1215
2047	10	223686.5918
2047	11	224009.6691
2047	12	223796.5037
2048	1	223752.2264
2048	2	224004.9591
2048	3	224014.9261
2048	4	224092.5182
2048	5	224285.3559
2048	6	224383.187
2048	7	224602.7306
2048	8	224718.8611
2048	9	224823.9147
2048	10	224883.3367
2048	11	225206.366
2048	12	224993.1527
2049	1	224948.8276
2049	2	225201.5128
2049	3	225211.4323
2049	4	225288.9771
2049	5	225481.7677
2049	6	225579.5517
2049	7	225799.0484
2049	8	225915.4763
2049	9	226020.8274
2049	10	226080.5471
2049	11	226403.8741
2049	12	226190.9588

2050	1	226146.9317
2050	2	226399.915
2050	3	226410.1328
2050	4	226487.976
2050	5	226681.0651
2050	6	226779.1478
2050	7	226998.9432
2050	8	227115.364
2050	9	227220.7083
2050	10	227280.4212
2050	11	227603.7415
2050	12	227390.8196

Many commercial services avialable to utalize residents consumer spending. Tourism and retirees add boost to commercial activity in local area.

Variable	Coefficient	Mean	Elast	Units	Definition
Filled	0.063	1,548,776.855	0.573		
Jan	75482.458	0.086	0.038		
Feb	75635.450	0.086	0.038		
Mar	75545.678	0.086	0.038		
Apr	75523.531	0.086	0.038		
May	75616.631	0.086	0.038		
Jun	75614.725	0.086	0.038		
Jul	75734.532	0.086	0.038		
Aug	75750.966	0.078	0.035		
Sep	75756.323	0.078	0.035		
Oct	75716.049	0.078	0.035		
Nov	75939.384	0.078	0.035		
Dec	75626.476	0.086	0.038		
Yr2020Plus	291.756	0.148	0.000		

Year	Month	Pred	Filled	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yr2020Plus	ARMA	X-Missing
2010	12		91,632.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0		0.0
2011	1	161,406.9	91,731.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,806.7	0.0
2011	2	161,922.8	91,881.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,594.4	0.0
2011	3	161,641.3	91,981.0	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,885.4	0.0
2011	4	161,835.0	91,991.6	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,680.1	0.0
2011	5	161,955.2	91,929.6	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,591.0	0.0
2011	6	162,143.6	91,927.0	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,398.2	0.0
2011	7	162,505.9	91,912.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-5,140.9	0.0
2011	8	162,529.7	91,901.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-5,122.3	0.0
2011	9	162,620.0	91,916.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-5,052.5	0.0
2011	10	162,652.7	91,929.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-4,993.1	0.0
2011	11	163,044.5	92,024.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-4,919.5	0.0
2011	12	162,822.5	92,145.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-4,949.3	0.0
2012	1	162,548.2	92,296.2	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,230.5	0.0
2012	2	163,002.4	92,477.2	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,110.3	0.0
2012	3	163,002.6	92,659.7	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,202.8	0.0
2012	4	163,057.4	92,667.5	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5,133.7	0.0
2012	5	163,287.7	92,609.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,938.4	0.0
2012	6	163,271.4	92,608.0	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,951.4	0.0
2012	7	163,453.7	92,730.1	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-5,011.0	0.0
2012	8	163,749.0	92,719.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-4,721.5	0.0
2012	9	163,955.8	92,740.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-4,541.4	0.0
2012	10	164,072.2	92,748.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-4,392.3	0.0
2012	11	164,506.4	92,858.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-4,291.3	0.0
2012	12	164,333.6	93,009.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-4,302.5	0.0
2013	1	164,150.1	93,124.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,457.3	0.0
2013	2	164,104.7	93,270.2	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,801.0	0.0
2013	3	164,748.8	93,458.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,255.1	0.0
2013	4	164,725.9	93,489.2	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,286.8	0.0
2013	5	164,852.1	93,431.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,196.1	0.0
2013	6	164,974.5	93,438.1	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4,078.4	0.0
2013	7	164,952.3	93,560.6	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-4,342.9	0.0
2013	8	165,277.0	93,559.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-4,033.2	0.0
2013	9	165,493.5	93,525.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-3,788.1	0.0
2013	10	165,960.7	93,652.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-3,407.7	0.0
2013	11	166,422.9	93,950.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-3,466.6	0.0
2013	12	166,186.8	94,209.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-3,648.7	0.0
2014	1	166,305.5	94,338.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,515.9	0.0
2014	2	166,152.1	94,431.0	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,914.3	0.0
2014	3	166,482.8	94,617.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,680.1	0.0
2014	4	166,574.2	94,822.8	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,772.1	0.0
2014	5	166,751.8	94,781.7	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,646.5	0.0
2014	6	166,896.7	94,887.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,605.2	0.0
2014	7	167,213.8	94,968.9	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-3,489.6	0.0
2014	8	167,267.9	95,048.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-3,531.5	0.0
2014	9	167,403.1	95,214.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-3,567.9	0.0

2014	10	167,095.5	95,397.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-4,018.3	0.0
2014	11	167,914.5	95,755.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-3,779.8	0.0
2014	12	167,459.7	95,643.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-3,809.9	0.0
2015	1	167,893.8	95,852.5	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,441.2	0.0
2015	2	168,263.4	95,971.1	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,343.1	0.0
2015	3	168,550.5	96,149.6	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,144.8	0.0
2015	4	168,643.7	96,238.2	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,118.0	0.0
2015	5	168,947.5	96,281.0	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,950.2	0.0
2015	6	169,095.2	96,394.1	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,913.7	0.0
2015	7	169,474.8	96,472.1	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-2,731.8	0.0
2015	8	169,405.3	96,574.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-2,920.5	0.0
2015	9	169,360.9	96,740.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-3,136.3	0.0
2015	10	169,759.3	96,859.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-2,815.8	0.0
2015	11	170,194.7	97,044.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-2,789.1	0.0
2015	12	169,853.5	97,248.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-3,021.1	0.0
2016	1	170,134.3	97,399.2	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,747.3	0.0
2016	2	170,541.2	97,593.2	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,687.4	0.0
2016	3	170,350.0	97,736.7	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,932.4	0.0
2016	4	170,559.2	97,837.9	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,802.3	0.0
2016	5	170,751.8	97,901.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,765.9	0.0
2016	6	171,038.2	97,949.4	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2,526.0	0.0
2016	7	171,393.5	98,022.0	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-2,363.1	0.0
2016	8	171,538.2	98,156.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-2,369.4	0.0
2016	9	171,816.6	98,263.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-2,203.0	0.0
2016	10	171,966.4	98,351.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-2,100.8	0.0
2016	11	172,397.6	98,457.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-1,999.0	0.0
2016	12	172,101.0	98,661.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-2,187.4	0.0
2017	1	172,365.3	98,832.8	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,949.9	0.0
2017	2	172,811.4	98,992.9	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,817.0	0.0
2017	3	172,909.3	99,172.9	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,809.2	0.0
2017	4	173,251.4	99,274.5	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,546.6	0.0
2017	5	173,529.2	99,371.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,458.5	0.0
2017	6	173,734.2	99,457.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1,338.1	0.0
2017	7	174,123.4	99,572.1	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-1,183.3	0.0
2017	8	174,273.6	99,706.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-1,183.6	0.0
2017	9	174,424.9	99,764.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-1,095.5	0.0
2017	10	174,665.4	100,305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-1,356.5	0.0
2017	11	175,180.9	100,186.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-944.7	0.0
2017	12	175,314.8	100,231.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-542.8	0.0
2018	1	175,202.6	100,475.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-755.5	0.0
2018	2	175,556.2	100,542.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-622.0	0.0
2018	3	175,305.8	100,703.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-943.1	0.0
2018	4	175,442.4	100,828.1	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-909.2	0.0
2018	5	175,666.7	100,883.2	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-833.2	0.0
2018	6	175,894.7	101,079.0	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-799.0	0.0
2018	7	176,171.0	101,227.5	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-791.0	0.0
2018	8	175,986.2	101,284.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-1,049.1	0.0

2018	9	176,304.2	101,598.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-1,050.4	0.0
2018	10	176,327.6	101,396.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-784.9	0.0
2018	11	176,691.1	101,919.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-1,167.8	0.0
2018	12	176,733.5	101,987.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-880.7	0.0
2019	1	177,112.8	102,226.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-596.5	0.0
2019	2	177,248.4	102,271.7	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-658.7	0.0
2019	3	177,777.8	102,423.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-191.0	0.0
2019	4	178,042.6	102,667.5	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-148.5	0.0
2019	5	177,731.3	102,661.9	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-547.3	0.0
2019	6	177,680.6	102,614.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-548.7	0.0
2019	7	178,243.4	103,057.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	-548.4	0.0
2019	8	178,051.7	102,908.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	-608.1	0.0
2019	9	178,103.3	103,022.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	-675.9	0.0
2019	10	178,214.6	103,188.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	-690.1	0.0
2019	11	178,529.1	103,389.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	-799.8	0.0
2019	12	178,645.1	103,584.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	-565.8	0.0
2020	1	178,782.0	103,766.5	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-758.7	0.0
2020	2	179,167.9	103,986.4	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-745.7	0.0
2020	3	178,962.7	104,114.9	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-989.7	0.0
2020	4	179,319.0	104,317.9	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-814.2	0.0
2020	5	179,299.0	104,491.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-1,100.4	0.0
2020	6	179,094.5	104,615.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-1,427.5	0.0
2020	7	179,624.5	104,854.8	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-1,256.7	0.0
2020	8	179,858.4	104,940.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	291.8	-1,125.0	0.0
2020	9	180,192.7	105,274.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	291.8	-1,130.2	0.0
2020	10	180,142.5	105,400.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	291.8	-1,265.4	0.0
2020	11	180,453.2	105,479.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	291.8	-1,257.7	0.0
2020	12	180,639.4	105,825.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	291.8	-1,104.1	0.0
2021	1	180,424.5	105,813.0	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-1,162.7	0.0
2021	2	181,338.3	106,057.0	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-645.8	0.0
2021	3	181,651.5	106,245.3	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-431.2	0.0
2021	4	181,433.3	106,404.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-786.1	0.0
2021	5	182,030.8	106,632.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-510.1	0.0
2021	6	182,142.6	106,735.0	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-498.8	0.0
2021	7	182,011.8	106,766.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-780.9	0.0
2021	8	182,491.2	106,985.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	0.0	291.8	-537.1	0.0
2021	9	182,723.1	107,203.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	0.0	291.8	-528.6	0.0
2021	10	182,908.1	107,420.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	0.0	291.8	-520.2	0.0
2021	11	183,355.5	107,636.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	0.0	291.8	-512.0	0.0
2021	12	183,265.5	107,851.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	0.0	291.8	-503.8	0.0
2022	1	183,343.4	108,065.0	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-495.8	0.0
2022	2	183,717.3	108,278.1	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-488.0	0.0
2022	3	183,847.5	108,490.3	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-480.2	0.0
2022	4	184,044.4	108,701.7	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-472.6	0.0
2022	5	184,355.7	108,912.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-465.1	0.0
2022	6	184,571.3	109,122.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-457.7	0.0
2022	7	184,907.8	109,332.0	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-450.5	0.0

2022	8	185,132.3	109,532.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-443.3	0.0
2022	9	185,345.1	109,733.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-436.3	0.0
2022	10	185,511.6	109,933.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-429.4	0.0
2022	11	185,941.1	110,132.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-422.6	0.0
2022	12	185,833.8	110,331.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-415.9	0.0
2023	1	185,894.9	110,530.0	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-409.3	0.0
2023	2	186,252.6	110,728.2	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-402.8	0.0
2023	3	186,367.0	110,925.9	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-396.4	0.0
2023	4	186,548.5	111,123.4	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-390.1	0.0
2023	5	186,845.0	111,320.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-383.9	0.0
2023	6	187,046.0	111,517.3	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-377.8	0.0
2023	7	187,368.3	111,713.9	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-371.8	0.0
2023	8	187,578.8	111,902.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-365.9	0.0
2023	9	187,777.9	112,089.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-360.1	0.0
2023	10	187,931.0	112,277.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-354.4	0.0
2023	11	188,347.4	112,465.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-348.8	0.0
2023	12	188,227.3	112,652.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-343.3	0.0
2024	1	188,275.8	112,839.4	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-337.8	0.0
2024	2	188,621.1	113,026.3	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-332.5	0.0
2024	3	188,723.3	113,213.1	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-327.2	0.0
2024	4	188,892.9	113,399.7	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-322.0	0.0
2024	5	189,177.6	113,586.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-316.9	0.0
2024	6	189,367.0	113,772.4	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-311.9	0.0
2024	7	189,678.0	113,958.6	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-306.9	0.0
2024	8	189,884.2	114,143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-302.1	0.0
2024	9	190,079.1	114,328.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-297.3	0.0
2024	10	190,228.1	114,512.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-292.6	0.0
2024	11	190,640.7	114,697.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-287.9	0.0
2024	12	190,516.8	114,881.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-283.3	0.0
2025	1	190,561.7	115,066.3	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-278.9	0.0
2025	2	190,903.4	115,250.6	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-274.4	0.0
2025	3	191,002.2	115,434.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-270.1	0.0
2025	4	191,168.5	115,619.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-265.8	0.0
2025	5	191,449.9	115,803.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-261.6	0.0
2025	6	191,636.2	115,987.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-257.4	0.0
2025	7	191,944.1	116,171.2	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-253.3	0.0
2025	8	192,140.4	116,347.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-249.3	0.0
2025	9	192,325.5	116,522.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-245.4	0.0
2025	10	192,464.8	116,698.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-241.5	0.0
2025	11	192,867.7	116,874.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-237.7	0.0
2025	12	192,734.2	117,049.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-233.9	0.0
2026	1	192,769.5	117,225.4	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-230.2	0.0
2026	2	193,101.7	117,401.0	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-226.5	0.0
2026	3	193,191.1	117,576.6	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-222.9	0.0
2026	4	193,348.0	117,752.1	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-219.4	0.0
2026	5	193,620.1	117,927.6	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-215.9	0.0
2026	6	193,797.0	118,103.1	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-212.5	0.0

2026	7	194,095.7	118,278.5	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-209.1	0.0
2026	8	194,282.1	118,445.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-205.8	0.0
2026	9	194,457.3	118,611.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-202.5	0.0
2026	10	194,586.9	118,778.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-199.3	0.0
2026	11	194,979.9	118,945.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-196.2	0.0
2026	12	194,836.7	119,111.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-193.1	0.0
2027	1	194,862.3	119,278.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-190.0	0.0
2027	2	195,184.9	119,444.6	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-187.0	0.0
2027	3	195,264.6	119,611.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-184.0	0.0
2027	4	195,411.9	119,777.7	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-181.1	0.0
2027	5	195,674.4	119,944.2	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-178.2	0.0
2027	6	195,841.8	120,110.7	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-175.4	0.0
2027	7	196,130.8	120,277.2	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-172.6	0.0
2027	8	196,307.0	120,434.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-169.9	0.0
2027	9	196,472.0	120,591.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-167.2	0.0
2027	10	196,591.3	120,748.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-164.5	0.0
2027	11	196,974.2	120,905.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-161.9	0.0
2027	12	196,820.8	121,062.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-159.4	0.0
2028	1	196,836.3	121,218.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-156.8	0.0
2028	2	197,148.7	121,375.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-154.3	0.0
2028	3	197,218.3	121,532.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-151.9	0.0
2028	4	197,355.5	121,689.7	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-149.5	0.0
2028	5	197,607.9	121,846.6	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-147.1	0.0
2028	6	197,765.2	122,003.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-144.8	0.0
2028	7	198,044.2	122,160.4	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-142.5	0.0
2028	8	198,209.6	122,307.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-140.2	0.0
2028	9	198,363.9	122,453.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-138.0	0.0
2028	10	198,472.5	122,600.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-135.8	0.0
2028	11	198,844.7	122,747.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-133.7	0.0
2028	12	198,680.6	122,893.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-131.5	0.0
2029	1	198,685.4	123,040.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-129.4	0.0
2029	2	198,987.1	123,187.3	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-127.4	0.0
2029	3	199,046.0	123,334.0	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-125.4	0.0
2029	4	199,172.5	123,480.6	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-123.4	0.0
2029	5	199,414.3	123,627.3	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-121.4	0.0
2029	6	199,561.0	123,774.0	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-119.5	0.0
2029	7	199,829.3	123,920.7	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-117.6	0.0
2029	8	199,987.5	124,060.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-115.7	0.0
2029	9	200,134.5	124,200.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-113.9	0.0
2029	10	200,235.8	124,340.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-112.1	0.0
2029	11	200,600.7	124,479.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-110.3	0.0
2029	12	200,429.4	124,619.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-108.6	0.0
2030	1	200,426.9	124,759.5	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-106.8	0.0
2030	2	200,721.3	124,899.3	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-105.2	0.0
2030	3	200,773.0	125,039.1	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-103.5	0.0
2030	4	200,892.3	125,178.9	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-101.8	0.0
2030	5	201,126.8	125,318.7	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-100.2	0.0

2030	6	201,266.3	125,458.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-98.6	0.0
2030	7	201,527.5	125,598.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-97.1	0.0
2030	8	201,678.1	125,730.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-95.5	0.0
2030	9	201,817.6	125,863.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-94.0	0.0
2030	10	201,911.5	125,996.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-92.5	0.0
2030	11	202,268.9	126,128.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-91.1	0.0
2030	12	202,090.1	126,261.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-89.6	0.0
2031	1	202,080.2	126,394.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-88.2	0.0
2031	2	202,367.2	126,526.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-86.8	0.0
2031	3	202,411.4	126,659.4	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-85.4	0.0
2031	4	202,523.3	126,792.1	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-84.1	0.0
2031	5	202,750.4	126,924.7	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-82.7	0.0
2031	6	202,882.4	127,057.4	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-81.4	0.0
2031	7	203,136.2	127,190.0	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-80.1	0.0
2031	8	203,279.6	127,315.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-78.9	0.0
2031	9	203,411.8	127,441.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-77.6	0.0
2031	10	203,498.5	127,567.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-76.4	0.0
2031	11	203,848.7	127,692.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-75.2	0.0
2031	12	203,662.7	127,818.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-74.0	0.0
2032	1	203,645.5	127,944.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-72.8	0.0
2032	2	203,925.4	128,069.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-71.6	0.0
2032	3	203,962.4	128,195.5	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-70.5	0.0
2032	4	204,067.1	128,321.2	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-69.4	0.0
2032	5	204,287.0	128,446.9	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-68.3	0.0
2032	6	204,411.8	128,572.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-67.2	0.0
2032	7	204,658.4	128,698.2	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-66.1	0.0
2032	8	204,794.9	128,817.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-65.1	0.0
2032	9	204,920.4	128,936.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-64.1	0.0
2032	10	205,000.2	129,055.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-63.0	0.0
2032	11	205,343.6	129,174.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-62.0	0.0
2032	12	205,150.7	129,293.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-61.1	0.0
2033	1	205,126.7	129,412.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-60.1	0.0
2033	2	205,399.7	129,531.6	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-59.1	0.0
2033	3	205,429.9	129,650.7	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-58.2	0.0
2033	4	205,527.8	129,769.8	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-57.3	0.0
2033	5	205,740.8	129,888.8	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-56.4	0.0
2033	6	205,858.9	130,007.9	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-55.5	0.0
2033	7	206,098.6	130,126.9	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-54.6	0.0
2033	8	206,228.7	130,239.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-53.7	0.0
2033	9	206,347.7	130,352.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-52.9	0.0
2033	10	206,421.0	130,465.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-52.0	0.0
2033	11	206,758.0	130,578.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-51.2	0.0
2033	12	206,558.7	130,690.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-50.4	0.0
2034	1	206,528.2	130,803.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-49.6	0.0
2034	2	206,794.8	130,916.4	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-48.8	0.0
2034	3	206,818.6	131,029.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-48.0	0.0
2034	4	206,910.0	131,142.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-47.3	0.0

2034	5	207,116.6	131,254.8	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-46.5	0.0
2034	6	207,228.2	131,367.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-45.8	0.0
2034	7	207,461.5	131,480.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-45.1	0.0
2034	8	207,589.9	131,591.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-44.3	0.0
2034	9	207,707.2	131,702.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-43.6	0.0
2034	10	207,778.8	131,813.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-43.0	0.0
2034	11	208,114.0	131,925.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-42.3	0.0
2034	12	207,913.0	132,036.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-41.6	0.0
2035	1	207,880.9	132,147.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-40.9	0.0
2035	2	208,145.7	132,258.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-40.3	0.0
2035	3	208,167.8	132,370.0	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-39.7	0.0
2035	4	208,257.5	132,481.2	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-39.0	0.0
2035	5	208,462.4	132,592.4	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-38.4	0.0
2035	6	208,572.3	132,703.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-37.8	0.0
2035	7	208,803.9	132,814.8	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-37.2	0.0
2035	8	208,931.1	132,925.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-36.6	0.0
2035	9	209,047.1	133,035.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-36.0	0.0
2035	10	209,117.6	133,145.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-35.5	0.0
2035	11	209,451.6	133,255.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-34.9	0.0
2035	12	209,249.4	133,365.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-34.3	0.0
2036	1	209,216.0	133,475.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-33.8	0.0
2036	2	209,479.7	133,585.7	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-33.3	0.0
2036	3	209,500.5	133,695.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-32.7	0.0
2036	4	209,589.0	133,806.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-32.2	0.0
2036	5	209,792.8	133,916.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-31.7	0.0
2036	6	209,901.5	134,026.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-31.2	0.0
2036	7	210,131.9	134,136.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-30.7	0.0
2036	8	210,253.5	134,241.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-30.2	0.0
2036	9	210,364.1	134,345.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-29.7	0.0
2036	10	210,429.0	134,450.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-29.3	0.0
2036	11	210,757.5	134,555.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-28.8	0.0
2036	12	210,549.8	134,659.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-28.3	0.0
2037	1	210,510.9	134,764.6	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-27.9	0.0
2037	2	210,769.1	134,869.3	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-27.5	0.0
2037	3	210,784.5	134,974.1	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-27.0	0.0
2037	4	210,867.5	135,078.8	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-26.6	0.0
2037	5	211,065.7	135,183.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-26.2	0.0
2037	6	211,169.0	135,288.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-25.8	0.0
2037	7	211,393.9	135,392.9	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-25.3	0.0
2037	8	211,514.4	135,496.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-24.9	0.0
2037	9	211,623.9	135,600.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-24.5	0.0
2037	10	211,687.7	135,704.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-24.2	0.0
2037	11	212,015.1	135,807.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-23.8	0.0
2037	12	211,806.3	135,911.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-23.4	0.0
2038	1	211,766.3	136,015.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-23.0	0.0
2038	2	212,023.4	136,118.8	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-22.7	0.0
2038	3	212,037.7	136,222.5	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-22.3	0.0

2038	4	212,119.6	136,326.2	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-21.9	0.0
2038	5	212,316.7	136,429.9	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-21.6	0.0
2038	6	212,418.9	136,533.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-21.3	0.0
2038	7	212,642.7	136,637.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-20.9	0.0
2038	8	212,762.2	136,740.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-20.6	0.0
2038	9	212,870.6	136,842.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-20.3	0.0
2038	10	212,933.4	136,945.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-19.9	0.0
2038	11	213,259.8	137,048.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-19.6	0.0
2038	12	213,049.9	137,151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-19.3	0.0
2039	1	213,008.9	137,253.7	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-19.0	0.0
2039	2	213,265.0	137,356.5	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-18.7	0.0
2039	3	213,278.2	137,459.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-18.4	0.0
2039	4	213,359.1	137,561.9	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-18.1	0.0
2039	5	213,555.2	137,664.7	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-17.8	0.0
2039	6	213,656.4	137,767.4	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-17.5	0.0
2039	7	213,879.2	137,870.2	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-17.3	0.0
2039	8	213,997.7	137,972.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-17.0	0.0
2039	9	214,105.2	138,073.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-16.7	0.0
2039	10	214,167.0	138,175.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-16.5	0.0
2039	11	214,492.4	138,277.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-16.2	0.0
2039	12	214,281.6	138,379.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-15.9	0.0
2040	1	214,239.6	138,481.1	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-15.7	0.0
2040	2	214,494.7	138,582.9	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-15.4	0.0
2040	3	214,507.0	138,684.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-15.2	0.0
2040	4	214,586.9	138,786.6	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-15.0	0.0
2040	5	214,782.1	138,888.4	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-14.7	0.0
2040	6	214,882.2	138,990.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-14.5	0.0
2040	7	215,104.1	139,092.1	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-14.3	0.0
2040	8	215,221.7	139,193.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-14.0	0.0
2040	9	215,328.2	139,294.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-13.8	0.0
2040	10	215,389.1	139,394.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-13.6	0.0
2040	11	215,713.6	139,495.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-13.4	0.0
2040	12	215,501.9	139,596.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-13.2	0.0
2041	1	215,459.0	139,697.8	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.9	0.0
2041	2	215,713.2	139,798.7	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.7	0.0
2041	3	215,724.6	139,899.7	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.5	0.0
2041	4	215,803.6	140,000.6	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.3	0.0
2041	5	215,997.8	140,101.6	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.1	0.0
2041	6	216,097.0	140,202.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-12.0	0.0
2041	7	216,318.0	140,303.5	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-11.8	0.0
2041	8	216,434.6	140,403.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-11.6	0.0
2041	9	216,540.2	140,503.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-11.4	0.0
2041	10	216,600.2	140,603.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-11.2	0.0
2041	11	216,923.7	140,703.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-11.0	0.0
2041	12	216,711.0	140,803.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-10.9	0.0
2042	1	216,667.2	140,903.7	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-10.7	0.0
2042	2	216,920.4	141,003.7	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-10.5	0.0

2042	3	216,930.9	141,103.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-10.4	0.0
2042	4	217,008.9	141,203.8	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-10.2	0.0
2042	5	217,202.2	141,303.9	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-10.0	0.0
2042	6	217,300.5	141,403.9	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-9.9	0.0
2042	7	217,520.5	141,503.9	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-9.7	0.0
2042	8	217,636.2	141,603.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-9.6	0.0
2042	9	217,740.7	141,702.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-9.4	0.0
2042	10	217,799.7	141,801.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-9.3	0.0
2042	11	218,122.2	141,900.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-9.1	0.0
2042	12	217,908.5	141,999.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-9.0	0.0
2043	1	217,863.7	142,098.3	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.8	0.0
2043	2	218,115.9	142,197.4	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.7	0.0
2043	3	218,125.3	142,296.4	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.5	0.0
2043	4	218,202.4	142,395.5	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.4	0.0
2043	5	218,394.7	142,494.6	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.3	0.0
2043	6	218,492.0	142,593.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-8.1	0.0
2043	7	218,711.0	142,692.7	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-8.0	0.0
2043	8	218,825.6	142,790.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-7.9	0.0
2043	9	218,929.1	142,888.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-7.8	0.0
2043	10	218,987.0	142,986.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-7.6	0.0
2043	11	219,308.5	143,084.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-7.5	0.0
2043	12	219,093.7	143,182.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-7.4	0.0
2044	1	219,047.8	143,280.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-7.3	0.0
2044	2	219,299.0	143,378.9	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-7.2	0.0
2044	3	219,307.3	143,477.0	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-7.1	0.0
2044	4	219,383.3	143,575.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-6.9	0.0
2044	5	219,574.6	143,673.0	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-6.8	0.0
2044	6	219,670.8	143,771.1	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-6.7	0.0
2044	7	219,888.8	143,869.1	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-6.6	0.0
2044	8	220,002.2	143,966.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-6.5	0.0
2044	9	220,104.6	144,063.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-6.4	0.0
2044	10	220,161.4	144,159.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-6.3	0.0
2044	11	220,481.8	144,256.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-6.2	0.0
2044	12	220,265.9	144,353.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-6.1	0.0
2045	1	220,218.9	144,450.7	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-6.0	0.0
2045	2	220,469.0	144,547.7	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.9	0.0
2045	3	220,476.2	144,644.6	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.8	0.0
2045	4	220,551.1	144,741.6	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.7	0.0
2045	5	220,741.3	144,838.5	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.6	0.0
2045	6	220,836.4	144,935.5	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.5	0.0
2045	7	221,053.2	145,032.4	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-5.5	0.0
2045	8	221,165.6	145,128.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-5.4	0.0
2045	9	221,266.9	145,224.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-5.3	0.0
2045	10	221,322.5	145,319.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-5.2	0.0
2045	11	221,641.8	145,415.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-5.1	0.0
2045	12	221,424.8	145,511.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-5.0	0.0
2046	1	221,376.7	145,607.5	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-5.0	0.0

2046	2	221,625.7	145,703.3	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.9	0.0
2046	3	221,631.8	145,799.2	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.8	0.0
2046	4	221,705.6	145,895.0	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.7	0.0
2046	5	221,894.6	145,990.9	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.7	0.0
2046	6	221,988.6	146,086.7	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.6	0.0
2046	7	222,204.4	146,182.6	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-4.5	0.0
2046	8	222,320.9	146,282.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-4.4	0.0
2046	9	222,426.4	146,382.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-4.4	0.0
2046	10	222,486.3	146,482.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-4.3	0.0
2046	11	222,809.7	146,582.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-4.2	0.0
2046	12	222,596.9	146,682.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-4.2	0.0
2047	1	222,553.1	146,782.9	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.1	0.0
2047	2	222,806.2	146,883.0	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.0	0.0
2047	3	222,816.5	146,983.0	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-4.0	0.0
2047	4	222,894.5	147,083.1	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.9	0.0
2047	5	223,087.7	147,183.2	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.8	0.0
2047	6	223,185.9	147,283.2	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.8	0.0
2047	7	223,405.8	147,383.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-3.7	0.0
2047	8	223,522.0	147,483.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-3.7	0.0
2047	9	223,627.1	147,582.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-3.6	0.0
2047	10	223,686.6	147,682.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-3.5	0.0
2047	11	224,009.7	147,782.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-3.5	0.0
2047	12	223,796.5	147,881.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-3.4	0.0
2048	1	223,752.2	147,981.4	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.4	0.0
2048	2	224,005.0	148,081.1	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.3	0.0
2048	3	224,014.9	148,180.8	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.3	0.0
2048	4	224,092.5	148,280.5	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.2	0.0
2048	5	224,285.4	148,380.1	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.2	0.0
2048	6	224,383.2	148,479.8	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-3.1	0.0
2048	7	224,602.7	148,579.5	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-3.1	0.0
2048	8	224,718.9	148,679.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-3.0	0.0
2048	9	224,823.9	148,778.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-3.0	0.0
2048	10	224,883.3	148,878.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-2.9	0.0
2048	11	225,206.4	148,978.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-2.9	0.0
2048	12	224,993.2	149,077.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-2.8	0.0
2049	1	224,948.8	149,177.4	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.8	0.0
2049	2	225,201.5	149,277.1	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.7	0.0
2049	3	225,211.4	149,376.7	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.7	0.0
2049	4	225,289.0	149,476.4	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.7	0.0
2049	5	225,481.8	149,576.0	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.6	0.0
2049	6	225,579.6	149,675.6	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.6	0.0
2049	7	225,799.0	149,775.3	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-2.5	0.0
2049	8	225,915.5	149,875.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-2.5	0.0
2049	9	226,020.8	149,975.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-2.5	0.0
2049	10	226,080.5	150,075.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-2.4	0.0
2049	11	226,403.9	150,175.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-2.4	0.0
2049	12	226,191.0	150,275.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-2.3	0.0

2050	1	226,146.9	150,375.0	75,482.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.3	0.0
2050	2	226,399.9	150,475.0	0.0	75,635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.3	0.0
2050	3	226,410.1	150,574.9	0.0	0.0	75,545.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.2	0.0
2050	4	226,488.0	150,674.9	0.0	0.0	0.0	75,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.2	0.0
2050	5	226,681.1	150,774.8	0.0	0.0	0.0	0.0	75,616.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.2	0.0
2050	6	226,779.1	150,874.8	0.0	0.0	0.0	0.0	0.0	75,614.7	0.0	0.0	0.0	0.0	0.0	0.0	291.8	-2.1	0.0
2050	7	226,998.9	150,974.7	0.0	0.0	0.0	0.0	0.0	0.0	75,734.5	0.0	0.0	0.0	0.0	0.0	291.8	-2.1	0.0
2050	8	227,115.4	151,074.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,751.0	0.0	0.0	0.0	0.0	291.8	-2.1	0.0
2050	9	227,220.7	151,174.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,756.3	0.0	0.0	0.0	291.8	-2.0	0.0
2050	10	227,280.4	151,274.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,716.0	0.0	0.0	291.8	-2.0	0.0
2050	11	227,603.7	151,374.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,939.4	0.0	291.8	-2.0	0.0
2050	12	227,390.8	151,474.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,626.5	291.8	-1.9	0.0

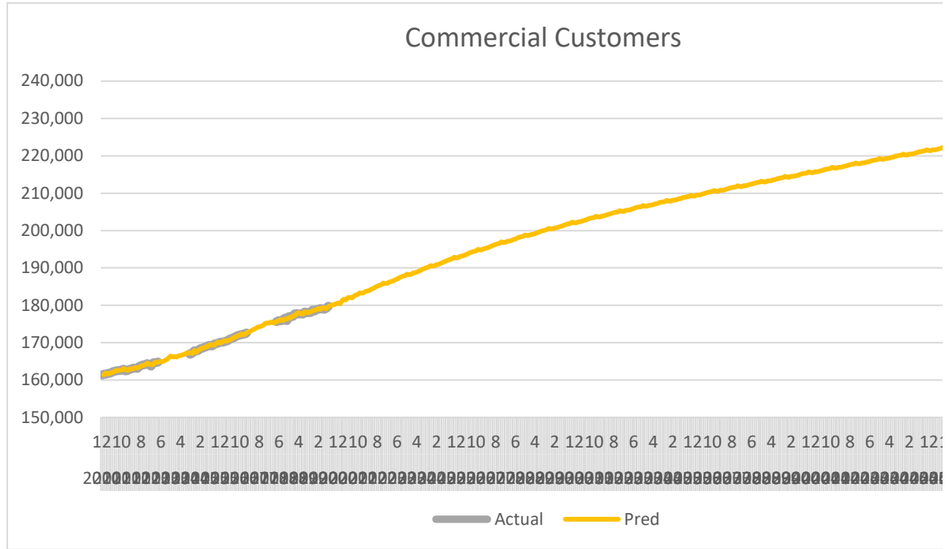
Year	Month	Actual	Pred	Upper	Lower	Sigma
2010	12	161,359.0				
2011	1	161,529.0	161406.8656	171049.4858	151764.2453	4866.665655
2011	2	161,537.0	161922.802	171527.3554	152318.2486	4847.453156
2011	3	161,755.0	161641.2654	171228.613	152053.9177	4838.76938
2011	4	161,834.0	161835.03	171418.1452	152251.9148	4836.633246
2011	5	162,061.0	161955.1754	171532.258	152378.0928	4833.588541
2011	6	162,318.0	162143.5615	171703.6563	152583.4668	4825.014741
2011	7	162,442.0	162505.9118	172073.0426	152938.7809	4828.565879
2011	8	162,518.0	162529.6554	172075.9146	152983.3962	4818.031869
2011	9	162,599.0	162620.0398	172163.2372	153076.8423	4816.486594
2011	10	162,647.0	162652.7421	172189.8989	153115.5853	4813.437853
2011	11	162,935.0	163044.502	172570.3959	153518.608	4807.753459
2011	12	162,457.0	162822.5015	172317.069	153327.9339	4791.942918
2012	1	162,586.0	162548.1785	172009.8502	153086.5068	4775.340253
2012	2	162,826.0	163002.3822	172416.5233	153588.241	4751.351419
2012	3	162,989.0	163002.5643	172373.0716	153632.0571	4729.32923
2012	4	163,173.0	163057.3748	172424.5708	153690.1787	4727.658045
2012	5	163,195.0	163287.709	172647.5987	153927.8193	4723.970514
2012	6	163,131.0	163271.3726	172614.0342	153928.711	4715.275408
2012	7	163,667.0	163453.6664	172759.7379	154147.5949	4696.808287
2012	8	163,856.0	163749.0198	173034.164	154463.8756	4686.246196
2012	9	164,034.0	163955.7521	173235.9843	154675.5198	4683.767119
2012	10	164,104.0	164072.1737	173348.2843	154796.063	4681.686928
2012	11	164,426.0	164506.4427	173766.5907	155246.2946	4673.630522
2012	12	164,107.0	164333.6497	173553.0275	155114.2719	4653.053652
2013	1	163,729.0	164150.0808	173348.3101	154951.8514	4642.379937
2013	2	164,582.0	164104.6973	173267.1165	154942.278	4624.306436
2013	3	164,648.0	164748.7972	173866.2238	155631.3706	4601.598506
2013	4	164,749.0	164725.8934	173832.7116	155619.0752	4596.244392
2013	5	164,904.0	164852.0612	173951.5067	155752.6157	4592.523365
2013	6	164,640.0	164974.4692	174054.2239	155894.7145	4582.58534
2013	7	165,197.0	164952.2791	173995.6056	155908.9525	4564.199938
2013	8	165,461.0	165276.9772	174296.7584	156257.196	4552.316509
2013	9	165,819.0	165493.5432	174525.7953	156461.291	4558.610638
2013	10	165,846.0	165960.7473	174951.3637	156970.131	4537.596902
2013	11	166,182.0	166422.8906	175338.8161	157506.9652	4499.900144
2013	12	166,263.0	166186.8454	175028.8118	157344.8791	4462.5727
2014	1	165,844.0	166305.5304	175122.3453	157488.7156	4449.878655
2014	2	166,327.0	166152.111	174950.2617	157353.9604	4440.458763
2014	3	166,330.0	166482.7582	175237.1067	157728.4097	4418.351654
2014	4	166,641.0	166574.2353	175263.8806	157884.59	4385.695715
2014	5	166,735.0	166751.7887	175428.9849	158074.5925	4379.412623
2014	6	166,956.0	166896.6505	175523.8218	158269.4793	4354.164848
2014	7	167,115.0	167213.7644	175817.665	158609.8637	4342.420085
2014	8	167,174.0	167267.9127	175823.7561	158712.0692	4318.165435
2014	9	166,888.0	167403.1408	175909.5787	158896.703	4293.230224

	Cust_Com Actual	Predicted
2010-2020 APCT	**1.13%**	**1.13%**
2015-2020 APCT	**1.20%**	**1.24%**
2020--2025 APCT		**1.33%**
2025-2030 APCT		**0.95%**
2030-2035 APCT		**0.70%**
2035-2050 APCT		**0.56%**

HH Growth Elasticity	0.572984
MAPE	0.09%
MAD	160

Coefficients are significant and the right sign

Use ration of(Customers Jan 2021 / Customers Fall 2022)* Growth Elasticity of Filled variable to



2014	10	167,273.0	167095.479	175544.06	158646.898	4264.029662
2014	11	167,823.0	167914.5019	176271.9318	159557.0721	4218.025352
2014	12	167,773.0	167459.7116	175858.1235	159061.2997	4238.709162
2015	1	167,938.0	167893.7653	176243.6188	159543.9118	4214.201533
2015	2	168,411.0	168263.4266	176586.9629	159939.8902	4200.919185
2015	3	168,527.0	168550.4724	176833.503	160267.4418	4180.475784
2015	4	168,764.0	168643.6579	176898.9027	160388.4131	4166.452186
2015	5	168,937.0	168947.4979	177165.037	160729.9588	4147.421997
2015	6	169,233.0	169095.1646	177261.3934	160928.9358	4121.525495
2015	7	169,239.0	169474.7535	177619.257	161330.25	4110.560654
2015	8	169,139.0	169405.2963	177495.9429	161314.6496	4083.378903
2015	9	169,636.0	169360.8681	177403.4362	161318.3	4059.113506
2015	10	169,741.0	169759.2823	177764.8206	161753.744	4040.424404
2015	11	169,914.0	170194.6823	178162.5138	162226.8508	4021.393643
2015	12	170,083.0	169853.5356	177767.1597	161939.9115	3994.034983
2016	1	170,151.0	170134.3494	178018.4549	162250.2439	3979.136839
2016	2	170,249.0	170541.2463	178377.438	162705.0547	3954.954539
2016	3	170,435.0	170350.045	178157.2153	162542.8747	3940.307349
2016	4	170,551.0	170559.228	178335.6154	162782.8406	3924.771119
2016	5	170,951.0	170751.7836	178485.5088	163018.0584	3903.239344
2016	6	171,163.0	171038.1628	178740.9687	163335.3569	3887.634254
2016	7	171,349.0	171393.4932	179076.5967	163710.3898	3877.690362
2016	8	171,669.0	171538.189	179159.821	163916.5569	3846.665525
2016	9	171,885.0	171816.5817	179408.8874	164224.2759	3831.864423
2016	10	172,036.0	171966.4399	179531.6277	164401.2521	3818.177912
2016	11	172,174.0	172397.6373	179949.1991	164846.0754	3811.300846
2016	12	172,307.0	172100.9856	179599.5563	164602.4149	3784.556014
2017	1	172,469.0	172365.3103	179829.9521	164900.6685	3767.431957
2017	2	172,790.0	172811.4177	180239.3309	165383.5045	3748.894924
2017	3	173,147.0	172909.3401	180298.6716	165520.0085	3729.42263
2017	4	173,316.0	173251.372	180610.7234	165892.0205	3714.291565
2017	5	173,628.0	173529.1975	180837.6265	166220.7685	3688.590803
2017	6	173,870.0	173734.1875	181001.7619	166466.6132	3667.97132
2017	7	174,104.0	174123.3821	181359.8941	166886.87	3652.294049
2017	8	174,344.0	174273.5719	181451.0735	167096.0703	3622.511256
2017	9	174,142.0	174424.9295	181587.9211	167261.9378	3615.188056
2017	10	175,062.0	174665.3513	181675.9317	167654.7709	3538.265517
2017	11	175,574.0	175180.8637	182240.9427	168120.7846	3563.247686
2017	12	175,090.0	175314.8448	182368.348	168261.3416	3559.928798
2018	1	175,326.0	175202.6112	182203.7853	168201.4372	3533.518109
2018	2	175,220.0	175556.2393	182547.8605	168564.6182	3528.696739
2018	3	175,325.0	175305.7589	182265.7466	168345.7711	3512.731239
2018	4	175,505.0	175442.3921	182367.1882	168517.596	3494.969879
2018	5	175,688.0	175666.7226	182553.9113	168779.534	3475.989239
2018	6	175,890.0	175894.7499	182713.0484	169076.4514	3441.220136
2018	7	175,896.0	176170.9878	182950.2868	169391.6888	3421.536952
2018	8	175,968.0	175986.245	182730.1575	169242.3326	3403.677251

2018	9	176,557.0	176304.1776	182966.1505	169642.2047	3362.322052
2018	10	175,926.0	176327.6478	183041.8361	169613.4594	3388.675365
2018	11	176,964.0	176691.1173	183282.3855	170099.8491	3326.637118
2018	12	177,008.0	176733.4572	183312.2959	170154.6185	3320.363929
2019	1	177,040.0	177112.7961	183644.3905	170581.2017	3296.519546
2019	2	177,713.0	177248.4229	183776.8853	170719.9605	3294.938808
2019	3	177,818.0	177777.8404	184278.7489	171276.9319	3281.032261
2019	4	177,635.0	178042.5746	184479.5833	171605.5659	3248.781794
2019	5	177,721.0	177731.2861	184148.4483	171314.1239	3238.76521
2019	6	177,672.0	177680.5906	184094.8023	171266.3788	3237.276089
2019	7	178,174.0	178243.4115	184546.1996	171940.6233	3181.040182
2019	8	177,973.0	178051.7373	184373.1801	171730.2944	3190.455288
2019	9	178,078.0	178103.3122	184397.8077	171808.8167	3176.854864
2019	10	178,092.0	178214.624	184466.4051	171962.8428	3155.296782
2019	11	178,754.0	178529.1305	184745.6079	172312.6531	3137.478851
2019	12	178,440.0	178645.1044	184818.6231	172471.5858	3115.797418
2020	1	178,783.0	178782.0081	184888.9777	172675.0385	3082.209863
2020	2	178,908.0	179167.9055	185229.5255	173106.2856	3059.321734
2020	3	179,125.0	178962.6709	185004.345	172920.9967	3049.255022
2020	4	179,015.0	179318.9702	185311.0478	173326.8927	3024.223432
2020	5	178,949.0	179299.0166	185230.2439	173367.7894	2993.512065
2020	6	179,245.0	179094.4788	184982.6246	173206.333	2971.76869
2020	7	179,738.0	179624.4511	185457.5126	173791.3896	2943.967446
2020	8	179,835.0	179858.3954	185655.1868	174061.6041	2925.661763
2020	9	180,037.0	180192.6552	185915.8391	174469.4713	2888.511794
2020	10	180,130.0	180142.5128	185836.8363	174448.1893	2873.945858
2020	11	180,589.0	180453.2317	186143.0139	174763.4496	2871.653833
2020	12	180,562.0	180639.3641	186257.9332	175020.795	2835.712348
2021	1	180,931.0	180424.5043	186057.2588	174791.7498	2842.871746
2021	2	181,546.0	181338.3492	186925.9663	175750.7321	2820.090759
2021	3	181,284.0	181651.4873	187208.8643	176094.1103	2804.828462
2021	4	181,701.0	181433.2718	186956.4427	175910.1008	2787.564558
2021	5	182,034.0	182030.7613	187489.3404	176572.1822	2754.964791
2021	6	181,848.0	182142.6119	187568.0369	176717.187	2738.231809
2021	7	182,246.9	182011.7526	187430.8103	176592.6948	2735.018246
2021	8		182491.1872	187852.657	177129.7173	2705.953415
2021	9		182723.0895	188061.2926	177384.8864	2694.2106
2021	10		182908.0872	188221.1937	177594.9806	2681.544298
2021	11		183355.4952	188655.7145	178055.2758	2675.040055
2021	12		183265.5353	188546.0027	177985.0679	2665.071183
2022	1		183343.4052	188611.6913	178075.119	2658.923256
2022	2		183717.2894	188969.7385	178464.8403	2650.930238
2022	3		183847.4709	189086.2864	178608.6555	2644.049287
2022	4		184044.3955	189261.5625	178827.2284	2633.123278
2022	5		184355.735	189539.189	179172.281	2616.108153
2022	6		184571.2855	189725.9359	179416.6351	2601.570875
2022	7		184907.8111	190043.5664	179772.0559	2592.03444

2022	8	185132.3014	190242.5214	180022.0813	2579.146728
2022	9	185345.0594	190441.7193	180248.3995	2572.302874
2022	10	185511.5677	190593.3027	180429.8326	2564.770218
2022	11	185941.0998	191016.2325	180865.967	2561.438038
2022	12	185833.8386	190897.4798	180770.1975	2555.63817
2023	1	185894.9455	190954.3147	180835.5763	2553.482106
2023	2	186252.5712	191304.0288	181201.1137	2549.489071
2023	3	186366.9667	191411.8069	181322.1265	2546.149267
2023	4	186548.5481	191581.4312	181515.665	2540.114461
2023	5	186844.9596	191858.3136	181831.6055	2530.258111
2023	6	187045.9711	192043.1832	182048.759	2522.111187
2023	7	187368.3225	192355.5297	182381.1154	2517.06165
2023	8	187578.797	192554.4504	182603.1436	2511.230424
2023	9	187777.86	192748.9463	182806.7737	2508.925404
2023	10	187930.974	192896.6915	182965.2565	2506.215752
2023	11	188347.3941	193312.0826	183382.7056	2505.696412
2023	12	188227.2856	193188.1833	183266.3878	2503.783212
2024	1	188275.7935	193239.6736	183311.9134	2505.288419
2024	2	188621.0533	193584.407	183657.6996	2505.022732
2024	3	188723.3018	193686.5307	183760.0729	2504.959737
2024	4	188892.9417	193853.4914	183932.3921	2503.607511
2024	5	189177.6047	194132.4986	184222.7108	2500.753045
2024	6	189367.0489	194318.0901	184416.0077	2498.808563
2024	7	189678.0033	194627.4999	184728.5067	2498.029007
2024	8	189884.1614	194835.3976	184932.9252	2498.906981
2024	9	190079.0584	195034.067	185124.0498	2500.810923
2024	10	190228.1478	195186.7543	185269.5413	2502.626809
2024	11	190640.6763	195603.2915	185678.061	2504.650052
2024	12	190516.8013	195482.8531	185550.7495	2506.384462
2025	1	190561.6605	195537.3915	185585.9295	2511.269609
2025	2	190903.3824	195885.5314	185921.2334	2514.508789
2025	3	191002.1973	195990.3242	186014.0704	2517.525873
2025	4	191168.5019	196162.8836	186174.1202	2520.682666
2025	5	191449.9221	196452.1961	186447.6482	2524.665923
2025	6	191636.2109	196646.6219	186625.7999	2528.772711
2025	7	191944.0922	196961.1847	186926.9996	2532.144936
2025	8	192140.3698	197172.3959	187108.3437	2539.681956
2025	9	192325.4596	197369.4664	187281.4527	2545.728676
2025	10	192464.8109	197521.1356	187408.4862	2551.945548
2025	11	192867.6666	197932.8578	187802.4754	2556.420494
2025	12	192734.1804	197809.6992	187658.6617	2561.632851
2026	1	192769.4867	197860.8651	187678.1083	2569.637268
2026	2	193101.7109	198205.9123	187997.5094	2576.109119
2026	3	193191.0801	198306.8093	188075.3509	2581.927192
2026	4	193347.9884	198478.0808	188217.8959	2589.176391
2026	5	193620.059	198770.279	188469.839	2599.334837
2026	6	193797.0424	198966.0468	188628.038	2608.815392

2026	7	194095.6603	199278.4671	188912.8535	2615.781536
2026	8	194282.0618	199490.9812	189073.1423	2628.960654
2026	9	194457.3131	199684.8903	189229.736	2638.37728
2026	10	194586.8619	199833.8589	189339.8648	2648.178577
2026	11	194979.949	200239.482	189720.4159	2654.505536
2026	12	194836.7266	200112.0362	189561.4171	2662.467986
2027	1	194862.3275	200158.1896	189566.4655	2672.840905
2027	2	195184.8755	200498.4908	189871.2602	2681.80104
2027	3	195264.5965	200593.913	189935.28	2689.72549
2027	4	195411.8831	200761.9415	190061.8247	2700.194021
2027	5	195674.3573	201054.4449	190294.2698	2715.349825
2027	6	195841.7686	201249.1199	190434.4172	2729.109982
2027	7	196130.8373	201557.4221	190704.2525	2738.817164
2027	8	196306.9876	201768.3745	190845.6007	2756.38191
2027	9	196472.009	201956.9022	190987.1158	2768.245611
2027	10	196591.3478	202100.8529	191081.8428	2780.667333
2027	11	196974.2443	202498.5847	191449.9039	2788.154785
2027	12	196820.8498	202364.7535	191276.9461	2798.028435
2028	1	196836.2962	202403.8072	191268.7851	2809.943147
2028	2	197148.7066	202737.2633	191560.1499	2820.564986
2028	3	197218.3063	202825.2244	191611.3882	2829.83205
2028	4	197355.4872	202987.6305	191723.3439	2842.563295
2028	5	197607.8707	203277.4165	191938.325	2861.440445
2028	6	197765.2057	203468.187	192062.2243	2878.315527
2028	7	198044.212	203770.0815	192318.3424	2889.867275
2028	8	198209.6123	203976.4551	192442.7695	2910.546618
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2028	10	198472.5106	204293.8089	192651.2124	2938.030498
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2029	1	198685.3548	204569.2919	192801.4178	2969.644514
2029	2	198987.0859	204893.8011	193080.3708	2981.140711
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2029	5	199414.2732	205410.9026	193417.6438	3026.520746
2029	6	199560.9685	205595.0656	193526.8715	3045.43082
2029	7	199829.3444	205888.3465	193770.3423	3058.000479
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2029	9	200134.4524	206267.9073	194000.9974	3095.577112
2029	10	200235.7909	206399.634	194071.9477	3110.914132
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2030	1	200426.856	206656.573	194197.139	3144.16092
2030	2	200721.3426	206975.0893	194467.5959	3156.288803
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2030	4	200892.328	207196.5021	194588.154	3181.739668
2030	5	201126.8392	207477.3634	194776.3151	3205.132731

2030	6	201266.3179	207657.4888	194875.1471	3225.647277
2030	7	201527.4837	207945.133	195109.8345	3239.011018
2030	8	201678.1049	208144.6473	195211.5624	3263.687584
2030	9	201817.6247	208314.142	195321.1074	3278.816
2030	10	201911.4888	208439.7991	195383.1786	3294.862021
2030	11	202268.9366	208813.5716	195724.3015	3303.101201
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2031	1	202080.1659	208675.1831	195485.1487	3328.529285
2031	2	202367.201	208986.6652	195747.7369	3340.867746
2031	3	202411.4485	209051.4699	195771.4271	3351.243042
2031	4	202523.2996	209194.3749	195852.2242	3366.916096
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2032	5	204286.9598	211382.9599	197190.9596	3581.377179
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2032	8	204794.9205	212014.1379	197575.7031	3643.565391
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2034	1	206528.2376	214247.8832	198808.592	3896.13331
2034	2	206794.7985	214537.3884	199052.2085	3907.713417
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2039	10	214166.974	224100.2328	204233.7152	5013.352
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2047	7	223405.8405	236307.4733	210504.2077	6511.501202
2047	8	223522.0195	236484.1791	210559.86	6542.049258
2047	9	223627.1215	236621.554	210632.6891	6558.337513
2047	10	223686.5918	236716.2946	210656.889	6576.13858
2047	11	224009.6691	237052.1415	210967.1967	6582.583438
2047	12	223796.5037	236863.4919	210729.5156	6594.956622
2048	1	223752.2264	236842.7879	210661.6649	6606.854168
2048	2	224004.9591	237118.8592	210891.0591	6618.633266
2048	3	224014.9261	237146.9345	210882.9177	6627.772595
2048	4	224092.5182	237258.1268	210926.9097	6644.730712
2048	5	224285.3559	237510.2578	211060.454	6674.656291
2048	6	224383.187	237658.2715	211108.1025	6699.983628
2048	7	224602.7306	237906.2795	211299.1816	6714.349744
2048	8	224718.8611	238083.2334	211354.4887	6745.047505
2048	9	224823.9147	238220.7095	211427.1199	6761.411265
2048	10	224883.3367	238315.5767	211451.0967	6779.300579
2048	11	225206.366	238651.438	211761.2939	6785.776956
2048	12	224993.1527	238462.8751	211523.4303	6798.218099
2049	1	224948.8276	238442.1753	211455.48	6810.14183
2049	2	225201.5128	238718.2988	211684.7267	6821.971281
2049	3	225211.4323	238746.4083	211676.4563	6831.151815
2049	4	225288.9771	238857.7254	211720.2288	6848.196802
2049	5	225481.7677	239110.1221	211853.4133	6878.280231
2049	6	225579.5517	239258.3594	211900.744	6903.744195
2049	7	225799.0484	239506.487	212091.6098	6918.194312
2049	8	225915.4763	239684.1237	212146.8288	6949.086629
2049	9	226020.8274	239822.149	212219.5058	6965.57742
2049	10	226080.5471	239917.5891	212243.5051	6983.605613
2049	11	226403.8741	240253.9209	212553.8273	6990.169189
2049	12	226190.9588	240065.8951	212316.0224	7002.731026

2050	1	226146.9317	240045.6546	212248.2088	7014.736188
2050	2	226399.915	240322.2829	212477.5471	7026.669911
2050	3	226410.1328	240350.881	212469.3846	7035.946516
2050	4	226487.976	240462.7701	212513.182	7053.129584
2050	5	226681.0651	240715.8682	212646.262	7083.416369
2050	6	226779.1478	240864.769	212693.5266	7109.064469
2050	7	226998.9432	241113.4649	212884.4215	7123.650639
2050	8	227115.364	241291.3532	212939.3749	7154.673474
2050	9	227220.7083	241429.5076	213011.9089	7171.232915
2050	10	227280.4212	241525.0986	213035.7437	7189.34074
2050	11	227603.7415	241861.4878	213345.9952	7195.936625
2050	12	227390.8196	241673.5805	213108.0586	7208.561608

customer growth

Year	Month	CUST_IND	LagDep(5)	12-Oct	17-Feb	XMissing	YMissing
2010	11	2,471	2,493.00	0.00	0.00	0	0
2010	12	2,457	2,502.00	0.00	0.00	0	0
2011	1	2,446	2,478.00	0.00	0.00	0	0
2011	2	2,463	2,488.00	0.00	0.00	0	0
2011	3	2,439	2,478.00	0.00	0.00	0	0
2011	4	2,418	2,471.00	0.00	0.00	0	0
2011	5	2,423	2,457.00	0.00	0.00	0	0
2011	6	2,411	2,446.00	0.00	0.00	0	0
2011	7	2,390	2,463.00	0.00	0.00	0	0
2011	8	2,400	2,439.00	0.00	0.00	0	0
2011	9	2,396	2,418.00	0.00	0.00	0	0
2011	10	2,391	2,423.00	0.00	0.00	0	0
2011	11	2,396	2,411.00	0.00	0.00	0	0
2011	12	2,388	2,390.00	0.00	0.00	0	0
2012	1	2,397	2,400.00	0.00	0.00	0	0
2012	2	2,397	2,396.00	0.00	0.00	0	0
2012	3	2,396	2,391.00	0.00	0.00	0	0
2012	4	2,369	2,396.00	0.00	0.00	0	0
2012	5	2,356	2,388.00	0.00	0.00	0	0
2012	6	2,367	2,397.00	0.00	0.00	0	0
2012	7	2,351	2,397.00	0.00	0.00	0	0
2012	8	2,355	2,396.00	0.00	0.00	0	0
2012	9	2,369	2,369.00	0.00	0.00	0	0
2012	10	2,393	2,356.00	1.00	0.00	0	0
2012	11	2,363	2,367.00	0.00	0.00	0	0
2012	12	2,341	2,351.00	0.00	0.00	0	0
2013	1	2,357	2,355.00	0.00	0.00	0	0
2013	2	2,366	2,369.00	0.00	0.00	0	0
2013	3	2,360	2,393.00	0.00	0.00	0	0
2013	4	2,368	2,363.00	0.00	0.00	0	0
2013	5	2,356	2,341.00	0.00	0.00	0	0
2013	6	2,347	2,357.00	0.00	0.00	0	0
2013	7	2,333	2,366.00	0.00	0.00	0	0
2013	8	2,334	2,360.00	0.00	0.00	0	0
2013	9	2,325	2,368.00	0.00	0.00	0	0
2013	10	2,320	2,356.00	0.00	0.00	0	0
2013	11	2,323	2,347.00	0.00	0.00	0	0
2013	12	2,312	2,333.00	0.00	0.00	0	0
2014	1	2,317	2,334.00	0.00	0.00	0	0
2014	2	2,292	2,325.00	0.00	0.00	0	0
2014	3	2,295	2,320.00	0.00	0.00	0	0
2014	4	2,282	2,323.00	0.00	0.00	0	0
2014	5	2,283	2,312.00	0.00	0.00	0	0
2014	6	2,272	2,317.00	0.00	0.00	0	0
2014	7	2,266	2,292.00	0.00	0.00	0	0
2014	8	2,253	2,295.00	0.00	0.00	0	0

	Cust_IND	Lag Dep 5
2010-2020 APCT	**-2.17%**	**-2.20%**
2015-2020 APCT	**-2.36%**	**-2.33%**
2020--2025 APCT		**-2.48%**
2025-2030 APCT		**-2.34%**
2030-2035 APCT		**-2.34%**
2035-2050 APCT		**-2.34%**

2014	9	2,258	2,282.00	0.00	0.00	0	0
2014	10	2,253	2,283.00	0.00	0.00	0	0
2014	11	2,265	2,272.00	0.00	0.00	0	0
2014	12	2,265	2,266.00	0.00	0.00	0	0
2015	1	2,257	2,253.00	0.00	0.00	0	0
2015	2	2,259	2,258.00	0.00	0.00	0	0
2015	3	2,253	2,253.00	0.00	0.00	0	0
2015	4	2,239	2,265.00	0.00	0.00	0	0
2015	5	2,245	2,265.00	0.00	0.00	0	0
2015	6	2,251	2,257.00	0.00	0.00	0	0
2015	7	2,253	2,259.00	0.00	0.00	0	0
2015	8	2,240	2,253.00	0.00	0.00	0	0
2015	9	2,253	2,239.00	0.00	0.00	0	0
2015	10	2,235	2,245.00	0.00	0.00	0	0
2015	11	2,222	2,251.00	0.00	0.00	0	0
2015	12	2,223	2,253.00	0.00	0.00	0	0
2016	1	2,196	2,240.00	0.00	0.00	0	0
2016	2	2,207	2,253.00	0.00	0.00	0	0
2016	3	2,202	2,235.00	0.00	0.00	0	0
2016	4	2,195	2,222.00	0.00	0.00	0	0
2016	5	2,173	2,223.00	0.00	0.00	0	0
2016	6	2,177	2,196.00	0.00	0.00	0	0
2016	7	2,175	2,207.00	0.00	0.00	0	0
2016	8	2,168	2,202.00	0.00	0.00	0	0
2016	9	2,162	2,195.00	0.00	0.00	0	0
2016	10	2,175	2,173.00	0.00	0.00	0	0
2016	11	2,152	2,177.00	0.00	0.00	0	0
2016	12	2,145	2,175.00	0.00	0.00	0	0
2017	1	2,141	2,168.00	0.00	0.00	0	0
2017	2	2,169	2,162.00	0.00	1.00	0	0
2017	3	2,159	2,175.00	0.00	0.00	0	0
2017	4	2,165	2,152.00	0.00	0.00	0	0
2017	5	2,138	2,145.00	0.00	0.00	0	0
2017	6	2,134	2,141.00	0.00	0.00	0	0
2017	7	2,147	2,169.00	0.00	0.00	0	0
2017	8	2,139	2,159.00	0.00	0.00	0	0
2017	9	2,130	2,165.00	0.00	0.00	0	0
2017	10	2,131	2,138.00	0.00	0.00	0	0
2017	11	2,127	2,134.00	0.00	0.00	0	0
2017	12	2,124	2,147.00	0.00	0.00	0	0
2018	1	2,117	2,139.00	0.00	0.00	0	0
2018	2	2,108	2,130.00	0.00	0.00	0	0
2018	3	2,101	2,131.00	0.00	0.00	0	0
2018	4	2,087	2,127.00	0.00	0.00	0	0
2018	5	2,083	2,124.00	0.00	0.00	0	0
2018	6	2,077	2,117.00	0.00	0.00	0	0
2018	7	2,064	2,108.00	0.00	0.00	0	0

2018	8	2,071	2,101.00	0.00	0.00	0	0
2018	9	2,074	2,087.00	0.00	0.00	0	0
2018	10	2,063	2,083.00	0.00	0.00	0	0
2018	11	2,051	2,077.00	0.00	0.00	0	0
2018	12	2,065	2,064.00	0.00	0.00	0	0
2019	1	2,044	2,071.00	0.00	0.00	0	0
2019	2	2,041	2,074.00	0.00	0.00	0	0
2019	3	2,031	2,063.00	0.00	0.00	0	0
2019	4	2,024	2,051.00	0.00	0.00	0	0
2019	5	2,035	2,065.00	0.00	0.00	0	0
2019	6	2,026	2,044.00	0.00	0.00	0	0
2019	7	2,030	2,041.00	0.00	0.00	0	0
2019	8	2,020	2,031.00	0.00	0.00	0	0
2019	9	2,005	2,024.00	0.00	0.00	0	0
2019	10	2,008	2,035.00	0.00	0.00	0	0
2019	11	2,010	2,026.00	0.00	0.00	0	0
2019	12	2,021	2,030.00	0.00	0.00	0	0
2020	1	2,015	2,020.00	0.00	0.00	0	0
2020	2	2,012	2,005.00	0.00	0.00	0	0
2020	3	2,004	2,008.00	0.00	0.00	0	0
2020	4	1,998	2,010.00	0.00	0.00	0	0
2020	5	1,994	2,021.00	0.00	0.00	0	0
2020	6	2,009	2,015.00	0.00	0.00	0	0
2020	7	2,002	2,012.00	0.00	0.00	0	0
2020	8	2,006	2,004.00	0.00	0.00	0	0
2020	9	1,993	1,998.00	0.00	0.00	0	0
2020	10	2,005	1,994.00	0.00	0.00	0	0
2020	11	1,985	2,009.00	0.00	0.00	0	0
2020	12	1,973	2,002.00	0.00	0.00	0	0
2021	1	1,955	2,006.00	0.00	0.00	0	0
2021	2	1,955	1,993.00	0.00	0.00	0	0
2021	3	1,944	2,005.00	0.00	0.00	0	0
2021	4	1,951	1,985.00	0.00	0.00	0	0
2021	5	1,946	1,973.00	0.00	0.00	0	0
2021	6	1,940	1,955.00	0.00	0.00	0	0
2021	7	1,948	1,955.00	0.00	0.00	0	0
2021	8		1,944.00	0.00	0.00	0	1
2021	9		1,951.00	0.00	0.00	0	1
2021	10		1,946.00	0.00	0.00	0	1
2021	11		1,940.00	0.00	0.00	0	1
2021	12		1,947.83	0.00	0.00	0	1
2022	1		1,931.43	0.00	0.00	0	1
2022	2		1,935.38	0.00	0.00	0	1
2022	3		1,928.82	0.00	0.00	0	1
2022	4		1,922.01	0.00	0.00	0	1
2022	5		1,929.30	0.00	0.00	0	1
2022	6		1,912.80	0.00	0.00	0	1

2022	7	1,916.58	0.00	0.00	0	1
2022	8	1,910.01	0.00	0.00	0	1
2022	9	1,903.23	0.00	0.00	0	1
2022	10	1,910.42	0.00	0.00	0	1
2022	11	1,894.08	0.00	0.00	0	1
2022	12	1,897.81	0.00	0.00	0	1
2023	1	1,891.30	0.00	0.00	0	1
2023	2	1,884.59	0.00	0.00	0	1
2023	3	1,891.71	0.00	0.00	0	1
2023	4	1,875.52	0.00	0.00	0	1
2023	5	1,879.22	0.00	0.00	0	1
2023	6	1,872.77	0.00	0.00	0	1
2023	7	1,866.12	0.00	0.00	0	1
2023	8	1,873.17	0.00	0.00	0	1
2023	9	1,857.14	0.00	0.00	0	1
2023	10	1,860.81	0.00	0.00	0	1
2023	11	1,854.43	0.00	0.00	0	1
2023	12	1,847.84	0.00	0.00	0	1
2024	1	1,854.82	0.00	0.00	0	1
2024	2	1,838.95	0.00	0.00	0	1
2024	3	1,842.58	0.00	0.00	0	1
2024	4	1,836.26	0.00	0.00	0	1
2024	5	1,829.73	0.00	0.00	0	1
2024	6	1,836.65	0.00	0.00	0	1
2024	7	1,820.93	0.00	0.00	0	1
2024	8	1,824.52	0.00	0.00	0	1
2024	9	1,818.27	0.00	0.00	0	1
2024	10	1,811.81	0.00	0.00	0	1
2024	11	1,818.65	0.00	0.00	0	1
2024	12	1,803.09	0.00	0.00	0	1
2025	1	1,806.65	0.00	0.00	0	1
2025	2	1,800.45	0.00	0.00	0	1
2025	3	1,794.05	0.00	0.00	0	1
2025	4	1,800.83	0.00	0.00	0	1
2025	5	1,785.42	0.00	0.00	0	1
2025	6	1,788.95	0.00	0.00	0	1
2025	7	1,782.81	0.00	0.00	0	1
2025	8	1,776.48	0.00	0.00	0	1
2025	9	1,783.19	0.00	0.00	0	1
2025	10	1,767.93	0.00	0.00	0	1
2025	11	1,771.42	0.00	0.00	0	1
2025	12	1,765.34	0.00	0.00	0	1
2026	1	1,759.07	0.00	0.00	0	1
2026	2	1,765.72	0.00	0.00	0	1
2026	3	1,750.61	0.00	0.00	0	1
2026	4	1,754.06	0.00	0.00	0	1
2026	5	1,748.05	0.00	0.00	0	1

2026	6	1,741.84	0.00	0.00	0	1
2026	7	1,748.42	0.00	0.00	0	1
2026	8	1,733.46	0.00	0.00	0	1
2026	9	1,736.88	0.00	0.00	0	1
2026	10	1,730.92	0.00	0.00	0	1
2026	11	1,724.77	0.00	0.00	0	1
2026	12	1,731.29	0.00	0.00	0	1
2027	1	1,716.47	0.00	0.00	0	1
2027	2	1,719.86	0.00	0.00	0	1
2027	3	1,713.96	0.00	0.00	0	1
2027	4	1,707.87	0.00	0.00	0	1
2027	5	1,714.32	0.00	0.00	0	1
2027	6	1,699.66	0.00	0.00	0	1
2027	7	1,703.01	0.00	0.00	0	1
2027	8	1,697.17	0.00	0.00	0	1
2027	9	1,691.14	0.00	0.00	0	1
2027	10	1,697.53	0.00	0.00	0	1
2027	11	1,683.00	0.00	0.00	0	1
2027	12	1,686.32	0.00	0.00	0	1
2028	1	1,680.54	0.00	0.00	0	1
2028	2	1,674.57	0.00	0.00	0	1
2028	3	1,680.90	0.00	0.00	0	1
2028	4	1,666.52	0.00	0.00	0	1
2028	5	1,669.80	0.00	0.00	0	1
2028	6	1,664.08	0.00	0.00	0	1
2028	7	1,658.16	0.00	0.00	0	1
2028	8	1,664.43	0.00	0.00	0	1
2028	9	1,650.19	0.00	0.00	0	1
2028	10	1,653.44	0.00	0.00	0	1
2028	11	1,647.77	0.00	0.00	0	1
2028	12	1,641.92	0.00	0.00	0	1
2029	1	1,648.12	0.00	0.00	0	1
2029	2	1,634.02	0.00	0.00	0	1
2029	3	1,637.24	0.00	0.00	0	1
2029	4	1,631.63	0.00	0.00	0	1
2029	5	1,625.83	0.00	0.00	0	1
2029	6	1,631.97	0.00	0.00	0	1
2029	7	1,618.01	0.00	0.00	0	1
2029	8	1,621.20	0.00	0.00	0	1
2029	9	1,615.64	0.00	0.00	0	1
2029	10	1,609.90	0.00	0.00	0	1
2029	11	1,615.98	0.00	0.00	0	1
2029	12	1,602.16	0.00	0.00	0	1
2030	1	1,605.32	0.00	0.00	0	1
2030	2	1,599.81	0.00	0.00	0	1
2030	3	1,594.13	0.00	0.00	0	1
2030	4	1,600.15	0.00	0.00	0	1

2030	5	1,586.46	0.00	0.00	0	1
2030	6	1,589.59	0.00	0.00	0	1
2030	7	1,584.14	0.00	0.00	0	1
2030	8	1,578.51	0.00	0.00	0	1
2030	9	1,584.47	0.00	0.00	0	1
2030	10	1,570.92	0.00	0.00	0	1
2030	11	1,574.01	0.00	0.00	0	1
2030	12	1,568.62	0.00	0.00	0	1
2031	1	1,563.04	0.00	0.00	0	1
2031	2	1,568.95	0.00	0.00	0	1
2031	3	1,555.53	0.00	0.00	0	1
2031	4	1,558.59	0.00	0.00	0	1
2031	5	1,553.25	0.00	0.00	0	1
2031	6	1,547.73	0.00	0.00	0	1
2031	7	1,553.58	0.00	0.00	0	1
2031	8	1,540.28	0.00	0.00	0	1
2031	9	1,543.32	0.00	0.00	0	1
2031	10	1,538.03	0.00	0.00	0	1
2031	11	1,532.57	0.00	0.00	0	1
2031	12	1,538.36	0.00	0.00	0	1
2032	1	1,525.19	0.00	0.00	0	1
2032	2	1,528.20	0.00	0.00	0	1
2032	3	1,522.96	0.00	0.00	0	1
2032	4	1,517.55	0.00	0.00	0	1
2032	5	1,523.28	0.00	0.00	0	1
2032	6	1,510.25	0.00	0.00	0	1
2032	7	1,513.23	0.00	0.00	0	1
2032	8	1,508.04	0.00	0.00	0	1
2032	9	1,502.68	0.00	0.00	0	1
2032	10	1,508.36	0.00	0.00	0	1
2032	11	1,495.45	0.00	0.00	0	1
2032	12	1,498.40	0.00	0.00	0	1
2033	1	1,493.26	0.00	0.00	0	1
2033	2	1,487.96	0.00	0.00	0	1
2033	3	1,493.58	0.00	0.00	0	1
2033	4	1,480.80	0.00	0.00	0	1
2033	5	1,483.72	0.00	0.00	0	1
2033	6	1,478.63	0.00	0.00	0	1
2033	7	1,473.38	0.00	0.00	0	1
2033	8	1,478.95	0.00	0.00	0	1
2033	9	1,466.29	0.00	0.00	0	1
2033	10	1,469.18	0.00	0.00	0	1
2033	11	1,464.15	0.00	0.00	0	1
2033	12	1,458.94	0.00	0.00	0	1
2034	1	1,464.46	0.00	0.00	0	1
2034	2	1,451.93	0.00	0.00	0	1
2034	3	1,454.79	0.00	0.00	0	1

2034	4	1,449.80	0.00	0.00	0	1
2034	5	1,444.65	0.00	0.00	0	1
2034	6	1,450.11	0.00	0.00	0	1
2034	7	1,437.70	0.00	0.00	0	1
2034	8	1,440.54	0.00	0.00	0	1
2034	9	1,435.60	0.00	0.00	0	1
2034	10	1,430.50	0.00	0.00	0	1
2034	11	1,435.90	0.00	0.00	0	1
2034	12	1,423.62	0.00	0.00	0	1
2035	1	1,426.42	0.00	0.00	0	1
2035	2	1,421.53	0.00	0.00	0	1
2035	3	1,416.48	0.00	0.00	0	1
2035	4	1,421.83	0.00	0.00	0	1
2035	5	1,409.67	0.00	0.00	0	1
2035	6	1,412.45	0.00	0.00	0	1
2035	7	1,407.60	0.00	0.00	0	1
2035	8	1,402.60	0.00	0.00	0	1
2035	9	1,407.90	0.00	0.00	0	1
2035	10	1,395.86	0.00	0.00	0	1
2035	11	1,398.61	0.00	0.00	0	1
2035	12	1,393.81	0.00	0.00	0	1
2036	1	1,388.86	0.00	0.00	0	1
2036	2	1,394.11	0.00	0.00	0	1
2036	3	1,382.18	0.00	0.00	0	1
2036	4	1,384.91	0.00	0.00	0	1
2036	5	1,380.16	0.00	0.00	0	1
2036	6	1,375.25	0.00	0.00	0	1
2036	7	1,380.45	0.00	0.00	0	1
2036	8	1,368.64	0.00	0.00	0	1
2036	9	1,371.34	0.00	0.00	0	1
2036	10	1,366.63	0.00	0.00	0	1
2036	11	1,361.78	0.00	0.00	0	1
2036	12	1,366.92	0.00	0.00	0	1
2037	1	1,355.23	0.00	0.00	0	1
2037	2	1,357.90	0.00	0.00	0	1
2037	3	1,353.24	0.00	0.00	0	1
2037	4	1,348.44	0.00	0.00	0	1
2037	5	1,353.53	0.00	0.00	0	1
2037	6	1,341.95	0.00	0.00	0	1
2037	7	1,344.60	0.00	0.00	0	1
2037	8	1,339.99	0.00	0.00	0	1
2037	9	1,335.23	0.00	0.00	0	1
2037	10	1,340.27	0.00	0.00	0	1
2037	11	1,328.80	0.00	0.00	0	1
2037	12	1,331.42	0.00	0.00	0	1
2038	1	1,326.86	0.00	0.00	0	1
2038	2	1,322.14	0.00	0.00	0	1

2038	3	1,327.14	0.00	0.00	0	1
2038	4	1,315.78	0.00	0.00	0	1
2038	5	1,318.38	0.00	0.00	0	1
2038	6	1,313.86	0.00	0.00	0	1
2038	7	1,309.19	0.00	0.00	0	1
2038	8	1,314.14	0.00	0.00	0	1
2038	9	1,302.89	0.00	0.00	0	1
2038	10	1,305.46	0.00	0.00	0	1
2038	11	1,300.98	0.00	0.00	0	1
2038	12	1,296.36	0.00	0.00	0	1
2039	1	1,301.26	0.00	0.00	0	1
2039	2	1,290.13	0.00	0.00	0	1
2039	3	1,292.67	0.00	0.00	0	1
2039	4	1,288.24	0.00	0.00	0	1
2039	5	1,283.66	0.00	0.00	0	1
2039	6	1,288.51	0.00	0.00	0	1
2039	7	1,277.49	0.00	0.00	0	1
2039	8	1,280.01	0.00	0.00	0	1
2039	9	1,275.62	0.00	0.00	0	1
2039	10	1,271.08	0.00	0.00	0	1
2039	11	1,275.89	0.00	0.00	0	1
2039	12	1,264.97	0.00	0.00	0	1
2040	1	1,267.46	0.00	0.00	0	1
2040	2	1,263.12	0.00	0.00	0	1
2040	3	1,258.63	0.00	0.00	0	1
2040	4	1,263.39	0.00	0.00	0	1
2040	5	1,252.58	0.00	0.00	0	1
2040	6	1,255.05	0.00	0.00	0	1
2040	7	1,250.74	0.00	0.00	0	1
2040	8	1,246.30	0.00	0.00	0	1
2040	9	1,251.01	0.00	0.00	0	1
2040	10	1,240.30	0.00	0.00	0	1
2040	11	1,242.75	0.00	0.00	0	1
2040	12	1,238.49	0.00	0.00	0	1
2041	1	1,234.09	0.00	0.00	0	1
2041	2	1,238.75	0.00	0.00	0	1
2041	3	1,228.15	0.00	0.00	0	1
2041	4	1,230.57	0.00	0.00	0	1
2041	5	1,226.35	0.00	0.00	0	1
2041	6	1,222.00	0.00	0.00	0	1
2041	7	1,226.61	0.00	0.00	0	1
2041	8	1,216.12	0.00	0.00	0	1
2041	9	1,218.52	0.00	0.00	0	1
2041	10	1,214.34	0.00	0.00	0	1
2041	11	1,210.02	0.00	0.00	0	1
2041	12	1,214.60	0.00	0.00	0	1
2042	1	1,204.20	0.00	0.00	0	1

2042	2	1,206.58	0.00	0.00	0	1
2042	3	1,202.44	0.00	0.00	0	1
2042	4	1,198.17	0.00	0.00	0	1
2042	5	1,202.70	0.00	0.00	0	1
2042	6	1,192.41	0.00	0.00	0	1
2042	7	1,194.76	0.00	0.00	0	1
2042	8	1,190.66	0.00	0.00	0	1
2042	9	1,186.43	0.00	0.00	0	1
2042	10	1,190.91	0.00	0.00	0	1
2042	11	1,180.72	0.00	0.00	0	1
2042	12	1,183.05	0.00	0.00	0	1
2043	1	1,178.99	0.00	0.00	0	1
2043	2	1,174.81	0.00	0.00	0	1
2043	3	1,179.24	0.00	0.00	0	1
2043	4	1,169.15	0.00	0.00	0	1
2043	5	1,171.46	0.00	0.00	0	1
2043	6	1,167.44	0.00	0.00	0	1
2043	7	1,163.30	0.00	0.00	0	1
2043	8	1,167.69	0.00	0.00	0	1
2043	9	1,157.70	0.00	0.00	0	1
2043	10	1,159.98	0.00	0.00	0	1
2043	11	1,156.00	0.00	0.00	0	1
2043	12	1,151.90	0.00	0.00	0	1
2044	1	1,156.25	0.00	0.00	0	1
2044	2	1,146.36	0.00	0.00	0	1
2044	3	1,148.62	0.00	0.00	0	1
2044	4	1,144.68	0.00	0.00	0	1
2044	5	1,140.61	0.00	0.00	0	1
2044	6	1,144.92	0.00	0.00	0	1
2044	7	1,135.13	0.00	0.00	0	1
2044	8	1,137.36	0.00	0.00	0	1
2044	9	1,133.46	0.00	0.00	0	1
2044	10	1,129.44	0.00	0.00	0	1
2044	11	1,133.70	0.00	0.00	0	1
2044	12	1,124.00	0.00	0.00	0	1
2045	1	1,126.22	0.00	0.00	0	1
2045	2	1,122.36	0.00	0.00	0	1
2045	3	1,118.37	0.00	0.00	0	1
2045	4	1,122.60	0.00	0.00	0	1
2045	5	1,112.99	0.00	0.00	0	1
2045	6	1,115.19	0.00	0.00	0	1
2045	7	1,111.36	0.00	0.00	0	1
2045	8	1,107.41	0.00	0.00	0	1
2045	9	1,111.60	0.00	0.00	0	1
2045	10	1,102.09	0.00	0.00	0	1
2045	11	1,104.26	0.00	0.00	0	1
2045	12	1,100.47	0.00	0.00	0	1

2046	1	1,096.56	0.00	0.00	0	1
2046	2	1,100.71	0.00	0.00	0	1
2046	3	1,091.29	0.00	0.00	0	1
2046	4	1,093.44	0.00	0.00	0	1
2046	5	1,089.69	0.00	0.00	0	1
2046	6	1,085.82	0.00	0.00	0	1
2046	7	1,089.92	0.00	0.00	0	1
2046	8	1,080.60	0.00	0.00	0	1
2046	9	1,082.73	0.00	0.00	0	1
2046	10	1,079.01	0.00	0.00	0	1
2046	11	1,075.18	0.00	0.00	0	1
2046	12	1,079.24	0.00	0.00	0	1
2047	1	1,070.01	0.00	0.00	0	1
2047	2	1,072.12	0.00	0.00	0	1
2047	3	1,068.44	0.00	0.00	0	1
2047	4	1,064.65	0.00	0.00	0	1
2047	5	1,068.67	0.00	0.00	0	1
2047	6	1,059.53	0.00	0.00	0	1
2047	7	1,061.62	0.00	0.00	0	1
2047	8	1,057.97	0.00	0.00	0	1
2047	9	1,054.22	0.00	0.00	0	1
2047	10	1,058.20	0.00	0.00	0	1
2047	11	1,049.15	0.00	0.00	0	1
2047	12	1,051.21	0.00	0.00	0	1
2048	1	1,047.61	0.00	0.00	0	1
2048	2	1,043.89	0.00	0.00	0	1
2048	3	1,047.83	0.00	0.00	0	1
2048	4	1,038.87	0.00	0.00	0	1
2048	5	1,040.91	0.00	0.00	0	1
2048	6	1,037.34	0.00	0.00	0	1
2048	7	1,033.66	0.00	0.00	0	1
2048	8	1,037.57	0.00	0.00	0	1
2048	9	1,028.69	0.00	0.00	0	1
2048	10	1,030.72	0.00	0.00	0	1
2048	11	1,027.18	0.00	0.00	0	1
2048	12	1,023.53	0.00	0.00	0	1
2049	1	1,027.40	0.00	0.00	0	1
2049	2	1,018.61	0.00	0.00	0	1
2049	3	1,020.62	0.00	0.00	0	1
2049	4	1,017.12	0.00	0.00	0	1
2049	5	1,013.50	0.00	0.00	0	1
2049	6	1,017.33	0.00	0.00	0	1
2049	7	1,008.63	0.00	0.00	0	1
2049	8	1,010.62	0.00	0.00	0	1
2049	9	1,007.15	0.00	0.00	0	1
2049	10	1,003.57	0.00	0.00	0	1
2049	11	1,007.37	0.00	0.00	0	1

2049	12	998.75	0.00	0.00	0	1
2050	1	1,000.72	0.00	0.00	0	1
2050	2	997.28	0.00	0.00	0	1
2050	3	993.74	0.00	0.00	0	1
2050	4	997.50	0.00	0.00	0	1
2050	5	988.96	0.00	0.00	0	1
2050	6	990.91	0.00	0.00	0	1
2050	7	987.51	0.00	0.00	0	1
2050	8	984.01	0.00	0.00	0	1
2050	9	987.72	0.00	0.00	0	1
2050	10	979.27	0.00	0.00	0	1
2050	11	981.20	0.00	0.00	0	1
2050	12	977.84	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
CUST_IND	129	2,196.9	151.0	1,940.0	2,471.0	-0.021	1.757	8.3	1.57E-02	1.000		EDB Adj
LagDep(5)	129	2,196.9	151.0	1,940.0	2,471.0	-0.021	1.757	8.3	1.57E-02	0.993		
44481	129	0.0	0.1	0.0	1.0	11.225	127.008	85365.6	0.00E+00	0.115		
44244	129	0.0	0.1	0.0	1.0	11.225	127.008	85365.6	0.00E+00	-0.016		

	CUST_IND	LagDep(5)	12-Oct	17-Feb
CUST_IND	1.000	0.993	0.115	-0.016
LagDep(5)	0.993	1.000	0.080	-0.033
44481	0.115	0.080	1.000	-0.008
44244	-0.016	-0.033	-0.008	1.000

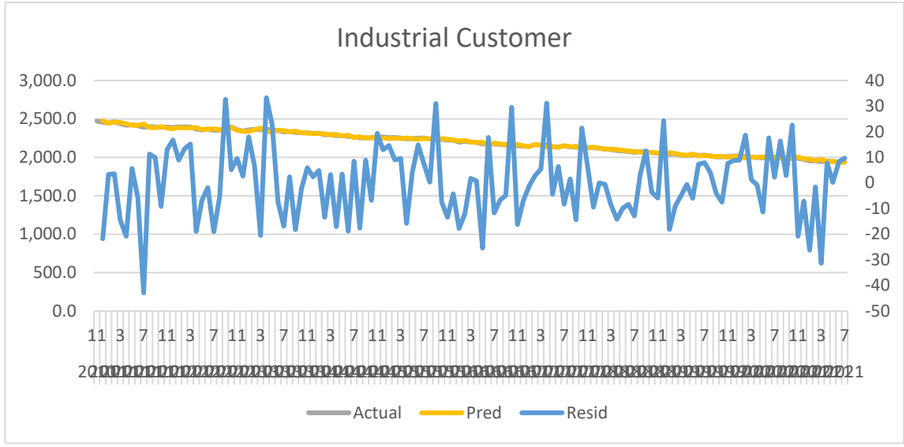
Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CUST_IND.LagDep(5)	0.990	0.001	813.687	0.00%		
MBin.Oct12	42.350	12.357	3.427	0.08%		
MBin.Feb17	28.370	12.334	2.300	2.31%		
AR(1)	0.540	0.076	7.141	0.00%		

Model Statistics	
Iterations	11
Adjusted Observations	128
Deg. of Freedom for Error	124
R-Squared	0.991
Adjusted R-Squared	0.991
AIC	5.32
BIC	5.41
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-517.97
Model Sum of Squares	2,817,083.37
Sum of Squared Errors	24,522.98
Mean Squared Error	197.77
Std. Error of Regression	14.06
Mean Abs. Dev. (MAD)	11.03
Mean Abs. % Err. (MAPE)	0.50%
Durbin-Watson Statistic	2.045
Durbin-H Statistic	#NA
Ljung-Box Statistic	42.83
Prob (Ljung-Box)	0.0104
Skewness	-0.008
Kurtosis	3.122
Jarque-Bera	0.081
Prob (Jarque-Bera)	0.9604

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	11	2,471.0				
2010	12	2,457.0	2478.796885	-21.79688486	-0.008871341	-1.549953335
2011	1	2,446.0	2442.652248	3.347751731	0.001368664	0.23805507
2011	2	2,463.0	2459.451415	3.548584637	0.001440757	0.252336085
2011	3	2,439.0	2453.38459	-14.38459003	-0.005897741	-1.022872921
2011	4	2,418.0	2438.835715	-20.83571535	-0.008616921	-1.481605592
2011	5	2,423.0	2417.371306	5.628694327	0.002323027	0.400250476
2011	6	2,411.0	2416.671098	-5.671098496	-0.002352177	-0.403265792
2011	7	2,390.0	2432.905983	-42.9059834	-0.017952294	-3.050998916
2011	8	2,400.0	2388.698856	11.30114421	0.00470881	0.803612363
2011	9	2,396.0	2386.148528	9.851471881	0.004111633	0.700527704
2011	10	2,391.0	2400.173856	-9.173856188	-0.003836828	-0.652343171
2011	11	2,396.0	2382.914669	13.08533096	0.005461323	0.930483989
2011	12	2,388.0	2371.24238	16.75761974	0.007017429	1.191616544
2012	1	2,397.0	2388.057429	8.942571011	0.003730735	0.635896728
2012	2	2,397.0	2383.609235	13.39076452	0.005586468	0.952203045
2012	3	2,396.0	2380.798339	15.2016607	0.0063446	1.080973949
2012	4	2,369.0	2387.884173	-18.88417299	-0.007971369	-1.342833487
2012	5	2,356.0	2362.698694	-6.698693661	-0.002843249	-0.476336992
2012	6	2,367.0	2368.86655	-1.866549985	-0.000788572	-0.132728387
2012	7	2,351.0	2369.994841	-18.99484051	-0.008079473	-1.350702937
2012	8	2,355.0	2360.359473	-5.359473273	-0.002275785	-0.381106453
2012	9	2,369.0	2336.320329	32.67967073	0.013794711	2.323816681
2012	10	2,393.0	2387.807909	5.192091398	0.0021697	0.369204106
2012	11	2,363.0	2353.390726	9.609274098	0.004066557	0.683305276
2012	12	2,341.0	2338.335108	2.664892268	0.001138356	0.189497659
2013	1	2,357.0	2338.969278	18.03072166	0.007649861	1.28214547
2013	2	2,366.0	2359.337161	6.662839238	0.002816077	0.473787423
2013	3	2,360.0	2380.474518	-20.47451808	-0.008675643	-1.455921238
2013	4	2,368.0	2334.685816	33.3141842	0.01406849	2.36893626
2013	5	2,356.0	2333.274814	22.72518631	0.009645665	1.615963865
2013	6	2,347.0	2354.404814	-7.404814386	-0.003155013	-0.526548487
2013	7	2,333.0	2349.893268	-16.89326775	-0.007241006	-1.20126233
2013	8	2,334.0	2331.572274	2.427726078	0.001040157	0.172633023
2013	9	2,325.0	2343.244389	-18.24438928	-0.007847049	-1.297339147
2013	10	2,320.0	2322.218824	-2.218824139	-0.00095639	-0.157778228
2013	11	2,323.0	2317.025736	5.974264173	0.002571788	0.424823581
2013	12	2,312.0	2309.599131	2.400868706	0.001038438	0.170723224
2014	1	2,317.0	2312.136188	4.863812235	0.002099185	0.345860523
2014	2	2,292.0	2305.390951	-13.39095148	-0.005842474	-0.952216339
2014	3	2,295.0	2291.74713	3.252870181	0.001417373	0.231308144
2014	4	2,282.0	2299.01385	-17.01384998	-0.007455675	-1.209836804
2014	5	2,283.0	2279.492341	3.507659379	0.001536425	0.249425933
2014	6	2,272.0	2290.868993	-18.86899347	-0.008305015	-1.341754088
2014	7	2,266.0	2257.495239	8.504761389	0.003753204	0.604764551
2014	8	2,253.0	2270.599632	-17.59963202	-0.007811643	-1.251491143

	Cust_IND
2010-2020 APCT	**-2.17%**
2015-2020 APCT	**-2.36%**
2020--2025 APCT	**-2.46%**
2025-2030 APCT	**-2.34%**
2030-2035 APCT	**-2.34%**
2035-2050 APCT	**-2.34%**



Coefficients and eleasticity good, MAPE at 0.5%
Residual Plot indicates good fit
May want to include buisiness cycles. Try regressing against industrial employment for SVA

2014	9	2,258.0	2249.097718	8.90228209	0.003942552	0.633031826
2014	10	2,253.0	2259.74491	-6.744910318	-0.002993746	-0.47962341
2014	11	2,265.0	2245.616041	19.38395876	0.008558039	1.378372722
2014	12	2,265.0	2252.044019	12.9559812	0.00572008	0.921286065
2015	1	2,257.0	2242.381561	14.61843854	0.006476933	1.039501641
2015	2	2,259.0	2249.965367	9.034633081	0.003999395	0.642443164
2015	3	2,253.0	2243.419856	9.580143973	0.004252172	0.681233864
2015	4	2,239.0	2254.735492	-15.73549233	-0.007027911	-1.118934149
2015	5	2,245.0	2240.750626	4.24937401	0.001892817	0.302168473
2015	6	2,251.0	2236.070944	14.92905619	0.006632188	1.061589332
2015	7	2,253.0	2245.573517	7.426483225	0.003296264	0.528089336
2015	8	2,240.0	2239.64289	0.357109721	0.000159424	0.025393693
2015	9	2,253.0	2221.966034	31.03396589	0.013774508	2.206792358
2015	10	2,235.0	2242.42185	-7.421849755	-0.003320738	-0.527759854
2015	11	2,222.0	2235.42708	-13.42708	-0.00604279	-0.954785399
2015	12	2,223.0	2227.173115	-4.173114752	-0.001877245	-0.296745758
2016	1	2,196.0	2213.770749	-17.77074882	-0.008092326	-1.263659077
2016	2	2,207.0	2219.01004	-12.01004002	-0.005441794	-0.854021191
2016	3	2,202.0	2200.174572	1.825427919	0.000828986	0.129804241
2016	4	2,195.0	2194.230848	0.76915219	0.000350411	0.054693595
2016	5	2,173.0	2198.394167	-25.39416657	-0.011686225	-1.805752217
2016	6	2,177.0	2159.236572	17.76342818	0.00815959	1.263138514
2016	7	2,175.0	2186.73587	-11.73587012	-0.005395802	-0.834525261
2016	8	2,168.0	2174.818894	-6.818894464	-0.003145247	-0.484884344
2016	9	2,162.0	2166.780363	-4.780362827	-0.002211084	-0.339926524
2016	10	2,175.0	2145.499176	29.5008238	0.013563597	2.097772251
2016	11	2,152.0	2168.254818	-16.25481849	-0.007553354	-1.155862881
2016	12	2,145.0	2151.706874	-6.706873551	-0.003126748	-0.476918656
2017	1	2,141.0	2142.063255	-1.063255141	-0.000496616	-0.075606944
2017	2	2,169.0	2166.076172	2.923828347	0.001348008	0.207910329
2017	3	2,159.0	2153.588719	5.411281475	0.002506383	0.384790479
2017	4	2,165.0	2133.784536	31.21546362	0.014418228	2.219698468
2017	5	2,138.0	2142.400722	-4.40072183	-0.002058336	-0.312930656
2017	6	2,134.0	2127.596399	6.403600909	0.00300075	0.45535326
2017	7	2,147.0	2155.30089	-8.300890094	-0.003866274	-0.590267479
2017	8	2,139.0	2137.442253	1.557747088	0.00072826	0.110769741
2017	9	2,130.0	2144.411174	-14.41117398	-0.006765809	-1.024763277
2017	10	2,131.0	2109.602631	21.39736895	0.010040999	1.521544183
2017	11	2,127.0	2120.627925	6.372074698	0.002995804	0.453111465
2017	12	2,124.0	2133.479381	-9.479380668	-0.004462985	-0.674068693
2018	1	2,117.0	2116.981417	0.018582763	8.77788E-06	0.001321401
2018	2	2,108.0	2108.567568	-0.56756762	-0.000269245	-0.040359131
2018	3	2,101.0	2109.510125	-8.510125078	-0.004050512	-0.605145957
2018	4	2,087.0	2101.232027	-14.23202702	-0.006819371	-1.012024328
2018	5	2,083.0	2092.837016	-9.837016338	-0.004722523	-0.699499785
2018	6	2,077.0	2085.349395	-8.349395264	-0.00401993	-0.593716631
2018	7	2,064.0	2076.94084	-12.94083953	-0.006269787	-0.920209356

2018	8	2,071.0	2067.800487	3.199513237	0.001544912	0.227513989
2018	9	2,074.0	2061.465116	12.5348844	0.006043821	0.891342318
2018	10	2,063.0	2066.615679	-3.615679444	-0.001752632	-0.257107126
2018	11	2,051.0	2056.87103	-5.871030043	-0.002862521	-0.417482712
2018	12	2,065.0	2040.724699	24.27530094	0.011755594	1.726190871
2019	1	2,044.0	2062.176011	-18.17601095	-0.008892373	-1.292476837
2019	2	2,041.0	2050.054637	-9.054636731	-0.004436373	-0.643865602
2019	3	2,031.0	2035.936355	-4.936355413	-0.002430505	-0.351018991
2019	4	2,024.0	2024.536017	-0.53601703	-0.000264831	-0.038115602
2019	5	2,035.0	2041.036938	-6.036937753	-0.002966554	-0.429280233
2019	6	2,026.0	2018.695834	7.304166234	0.003605215	0.519391504
2019	7	2,030.0	2022.097929	7.90207119	0.003892646	0.561907891
2019	8	2,020.0	2015.962283	4.03771696	0.00199887	0.287117765
2019	9	2,005.0	2008.977928	-3.977927612	-0.001984004	-0.282866208
2019	10	2,008.0	2015.510514	-7.510514156	-0.003740296	-0.534064686
2019	11	2,010.0	2002.334343	7.66565698	0.00381376	0.545096727
2019	12	2,021.0	2012.191058	8.808941552	0.004358704	0.626394479
2020	1	2,015.0	2006.09247	8.907530164	0.004420611	0.633405011
2020	2	2,012.0	1993.347787	18.65221338	0.009270484	1.326339086
2020	3	2,004.0	2002.722859	1.277140805	0.000637296	0.090816126
2020	4	1,998.0	1998.775595	-0.775594743	-0.000388186	-0.055151719
2020	5	1,994.0	2005.355826	-11.35582621	-0.005694998	-0.807500742
2020	6	2,009.0	1991.368003	17.63199743	0.008776504	1.253792613
2020	7	2,002.0	1999.712411	2.287588955	0.001142652	0.162668021
2020	8	2,006.0	1989.613619	16.38638082	0.008168684	1.165218138
2020	9	1,993.0	1990.113928	2.886072463	0.001448105	0.205225548
2020	10	2,005.0	1982.339095	22.66090487	0.011302197	1.611392881
2020	11	1,985.0	2005.81612	-20.81612011	-0.01048671	-1.480212195
2020	12	1,973.0	1980.052814	-7.052813538	-0.003574665	-0.501518081
2021	1	1,955.0	1981.274952	-26.27495186	-0.013439873	-1.868383924
2021	2	1,955.0	1956.536395	-1.536394812	-0.00078588	-0.109251403
2021	3	1,944.0	1975.374199	-31.37419933	-0.016138991	-2.230985997
2021	4	1,951.0	1943.206254	7.793746113	0.003994744	0.55420501
2021	5	1,946.0	1945.806663	0.193336514	9.93507E-05	0.013747954
2021	6	1,940.0	1931.701754	8.298246208	0.004277446	0.590079475
2021	7	1,947.8	1938.090338	9.740748589	0.005000818	0.692654288
2021	8		1931.429426			
2021	9		1935.38397			
2021	10		1928.824485			
2021	11		1922.014177			
2021	12		1929.298946			
2022	1		1912.804252			
2022	2		1916.582954			
2022	3		1910.01366			
2022	4		1903.230052			
2022	5		1910.42182			
2022	6		1894.07705			

2022	7	1897.812416
2022	8	1891.304074
2022	9	1884.585085
2022	10	1891.705396
2022	11	1875.520227
2022	12	1879.218705
2023	1	1872.773972
2023	2	1866.120729
2023	3	1873.171231
2023	4	1857.144614
2023	5	1860.806842
2023	6	1854.425245
2023	7	1847.837184
2023	8	1854.818606
2023	9	1838.94901
2023	10	1842.575356
2023	11	1836.256284
2023	12	1829.73277
2024	1	1836.64579
2024	2	1820.931679
2024	3	1824.522495
2024	4	1818.265335
2024	5	1811.805736
2024	6	1818.651025
2024	7	1803.090875
2024	8	1806.64651
2024	9	1800.450655
2024	10	1794.054344
2024	11	1800.832566
2024	12	1785.424868
2025	1	1788.945666
2025	2	1782.810516
2025	3	1776.476874
2025	4	1783.188685
2025	5	1767.931946
2025	6	1771.418249
2025	7	1765.343208
2025	8	1759.071621
2025	9	1765.717673
2025	10	1750.610413
2025	11	1754.062558
2025	12	1748.047039
2026	1	1741.836898
2026	2	1748.417834
2026	3	1733.45859
2026	4	1736.876913
2026	5	1730.920331

2026	6	1724.771035
2026	7	1731.287494
2026	8	1716.474815
2026	9	1719.859645
2026	10	1713.961424
2026	11	1707.872376
2026	12	1714.324989
2027	1	1699.657439
2027	2	1703.009107
2027	3	1697.168674
2027	4	1691.139285
2027	5	1697.528677
2027	6	1683.004835
2027	7	1686.323664
2027	8	1680.540453
2027	9	1674.570138
2027	10	1680.896929
2027	11	1666.515386
2027	12	1669.801698
2028	1	1664.07515
2028	2	1658.163329
2028	3	1664.428133
2028	4	1650.187494
2028	5	1653.441609
2028	6	1647.771167
2028	7	1641.917267
2028	8	1648.120691
2028	9	1634.019577
2028	10	1637.241809
2028	11	1631.626924
2028	12	1625.830379
2029	1	1631.973024
2029	2	1618.010068
2029	3	1621.200729
2029	4	1615.640857
2029	5	1609.901104
2029	6	1615.983566
2029	7	1602.157413
2029	8	1605.316814
2029	9	1599.811415
2029	10	1594.127898
2029	11	1600.150766
2029	12	1586.460077
2030	1	1589.588523
2030	2	1584.137064
2030	3	1578.509232
2030	4	1584.47309

2030	5	1570.916537
2030	6	1574.014332
2030	7	1568.616284
2030	8	1563.043592
2030	9	1568.949018
2030	10	1555.525287
2030	11	1558.592731
2030	12	1553.247571
2031	1	1547.729478
2031	2	1553.577046
2031	3	1540.284835
2031	4	1543.322225
2031	5	1538.029435
2031	6	1532.565406
2031	7	1538.355682
2031	8	1525.193703
2031	9	1528.201334
2031	10	1522.960401
2031	11	1517.549906
2031	12	1523.283451
2032	1	1510.250428
2032	2	1513.228592
2032	3	1508.039007
2032	4	1502.681523
2032	5	1508.358892
2032	6	1495.453562
2032	7	1498.402547
2032	8	1493.263808
2032	9	1487.958814
2032	10	1493.580558
2032	11	1480.80167
2032	12	1483.721761
2033	1	1478.63337
2033	2	1473.380353
2033	3	1478.947017
2033	4	1466.293332
2033	5	1469.184813
2033	6	1464.146276
2033	7	1458.944726
2033	8	1464.45685
2033	9	1451.927141
2033	10	1454.790293
2033	11	1449.801121
2033	12	1444.650533
2034	1	1450.108652
2034	2	1437.701704
2034	3	1440.536804

2034	4	1435.596514
2034	5	1430.49639
2034	6	1435.901033
2034	7	1423.615643
2034	8	1426.422966
2034	9	1421.531079
2034	10	1416.480924
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2034	12	1409.667592
2035	1	1412.44741
2035	2	1407.603452
2035	3	1402.602777
2035	4	1407.902032
2035	5	1395.856199
2035	6	1398.608781
2035	7	1393.812282
2035	8	1388.860602
2035	9	1394.107937
2035	10	1382.180125
2035	11	1384.905737
2035	12	1380.156233
2036	1	1375.253067
2036	2	1380.448992
2036	3	1368.638043
2036	4	1371.336951
2036	5	1366.633981
2036	6	1361.778855
2036	7	1366.923871
2036	8	1355.228642
2036	9	1357.901107
2036	10	1353.244215
2036	11	1348.436657
2036	12	1353.531265
2037	1	1341.950621
2037	2	1344.596903
2037	3	1339.985637
2037	4	1335.225182
2037	5	1340.269874
2037	6	1328.802693
2037	7	1331.423048
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2037	9	1322.143147
2037	10	1327.138414
2037	11	1315.783584
2037	12	1318.378265
2038	1	1313.856915
2038	2	1309.189285

2038	3	1314.13561
2038	4	1302.892031
2038	5	1305.46129
2038	6	1300.984239
2038	7	1296.362341
2038	8	1301.260203
2038	9	1290.126784
2038	10	1292.670871
2038	11	1288.237684
2038	12	1283.66107
2039	1	1288.510945
2039	2	1277.486607
2039	3	1280.005768
2039	4	1275.616016
2039	5	1271.084241
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2039	7	1264.970273
2039	8	1267.464752
2039	9	1263.118009
2039	10	1258.630635
2039	11	1263.385942
2039	12	1252.57657
2040	1	1255.046609
2040	2	1250.742454
2040	3	1246.299045
2040	4	1251.007761
2040	5	1240.304295
2040	6	1242.750134
2040	7	1238.488149
2040	8	1234.088276
2040	9	1238.750857
2040	10	1228.15226
2040	11	1230.574135
2040	12	1226.353908
2041	1	1221.997142
2041	2	1226.614042
2041	3	1216.119285
2041	4	1218.517432
2041	5	1214.338553
2041	6	1210.024474
2041	7	1214.596138
2041	8	1204.204206
2041	9	1206.578856
2041	10	1202.44092
2041	11	1198.169109
2041	12	1202.695982
2042	1	1192.405865

2042	2	1194.75725
2042	3	1190.659856
2042	4	1186.429898
2042	5	1190.912418
2042	6	1180.723121
2042	7	1183.051467
2042	8	1178.994218
2042	9	1174.805704
2042	10	1179.244306
2042	11	1169.15484
2042	12	1171.460374
2043	1	1167.442876
2043	2	1163.295399
2043	3	1167.690514
2043	4	1157.6999
2043	5	1159.982845
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2043	7	1151.897868
2043	8	1156.249921
2043	9	1146.357191
2043	10	1148.617769
2043	11	1144.67861
2043	12	1140.612005
2044	1	1144.921419
2044	2	1135.125614
2044	3	1137.364044
2044	4	1133.463479
2044	5	1129.436718
2044	6	1133.703909
2044	7	1124.00408
2044	8	1126.220578
2044	9	1122.358229
2044	10	1118.370921
2044	11	1122.596304
2044	12	1112.991511
2045	1	1115.186293
2045	2	1111.361785
2045	3	1107.413543
2045	4	1111.597527
2045	5	1102.086838
2045	6	1104.260116
2045	7	1100.47308
2045	8	1096.563521
2045	9	1100.706512
2045	10	1091.289005
2045	11	1093.440991
2045	12	1089.691059

2046	1	1085.819804
2046	2	1089.922204
2046	3	1080.596966
2046	4	1082.727867
2046	5	1079.014675
2046	6	1075.18135
2046	7	1079.243555
2046	8	1070.009683
2046	9	1072.119706
2046	10	1068.442895
2046	11	1064.647127
2046	12	1068.669533
2047	1	1059.52613
2047	2	1061.61548
2047	3	1057.974693
2047	4	1054.216114
2047	5	1058.19911
2047	6	1049.145291
2047	7	1051.214171
2047	8	1047.609054
2047	9	1043.887301
2047	10	1047.831273
2047	11	1038.86616
2047	12	1040.914769
2048	1	1037.344975
2048	2	1033.659686
2048	3	1037.565016
2048	4	1028.68774
2048	5	1030.716277
2048	6	1027.181458
2048	7	1023.532276
2048	8	1027.399344
2048	9	1018.609044
2048	10	1020.617707
2048	11	1017.11752
2048	12	1013.504092
2049	1	1017.333271
2049	2	1008.629095
2049	3	1010.618078
2049	4	1007.152185
2049	5	1003.57416
2049	6	1007.365822
2049	7	998.7469263
2049	8	1000.716422
2049	9	997.2844866
2049	10	993.7415172
2049	11	997.4960303

2049	12	988.9615793
2050	1	990.9117784
2050	2	987.5134679
2050	3	984.0052113
2050	4	987.7229391
2050	5	979.2721054
2050	6	981.2031972
2050	7	977.8381821
2050	8	974.364298
2050	9	978.0456009
2050	10	969.6775653
2050	11	971.589737
2050	12	968.2576911

Variable	Coefficient	Mean	Elast	Units	Definition
LagDep(5)	0.990	2,196.875	0.990		
44481	42.350	0.008	0.000		
44244	28.370	0.008	0.000		

Year	Month	Pred	LagDep(5)	12-Oct	17-Feb	ARMA	X-Missing
2010	11		2,468.6	0.0	0.0		0.0
2010	12	2,478.8	2,477.5	0.0	0.0	1.3	0.0
2011	1	2,442.7	2,453.7	0.0	0.0	-11.1	0.0
2011	2	2,459.5	2,463.6	0.0	0.0	-4.2	0.0
2011	3	2,453.4	2,453.7	0.0	0.0	-0.3	0.0
2011	4	2,438.8	2,446.8	0.0	0.0	-8.0	0.0
2011	5	2,417.4	2,432.9	0.0	0.0	-15.6	0.0
2011	6	2,416.7	2,422.0	0.0	0.0	-5.4	0.0
2011	7	2,432.9	2,438.9	0.0	0.0	-6.0	0.0
2011	8	2,388.7	2,415.1	0.0	0.0	-26.4	0.0
2011	9	2,386.1	2,394.3	0.0	0.0	-8.2	0.0
2011	10	2,400.2	2,399.3	0.0	0.0	0.9	0.0
2011	11	2,382.9	2,387.4	0.0	0.0	-4.5	0.0
2011	12	2,371.2	2,366.6	0.0	0.0	4.7	0.0
2012	1	2,388.1	2,376.5	0.0	0.0	11.6	0.0
2012	2	2,383.6	2,372.5	0.0	0.0	11.1	0.0
2012	3	2,380.8	2,367.6	0.0	0.0	13.2	0.0
2012	4	2,387.9	2,372.5	0.0	0.0	15.4	0.0
2012	5	2,362.7	2,364.6	0.0	0.0	-1.9	0.0
2012	6	2,368.9	2,373.5	0.0	0.0	-4.6	0.0
2012	7	2,370.0	2,373.5	0.0	0.0	-3.5	0.0
2012	8	2,360.4	2,372.5	0.0	0.0	-12.2	0.0
2012	9	2,336.3	2,345.8	0.0	0.0	-9.5	0.0
2012	10	2,387.8	2,332.9	42.3	0.0	12.5	0.0
2012	11	2,353.4	2,343.8	0.0	0.0	9.6	0.0
2012	12	2,338.3	2,328.0	0.0	0.0	10.4	0.0
2013	1	2,339.0	2,331.9	0.0	0.0	7.0	0.0
2013	2	2,359.3	2,345.8	0.0	0.0	13.5	0.0
2013	3	2,380.5	2,369.6	0.0	0.0	10.9	0.0
2013	4	2,334.7	2,339.8	0.0	0.0	-5.2	0.0
2013	5	2,333.3	2,318.1	0.0	0.0	15.2	0.0
2013	6	2,354.4	2,333.9	0.0	0.0	20.5	0.0
2013	7	2,349.9	2,342.8	0.0	0.0	7.1	0.0
2013	8	2,331.6	2,336.9	0.0	0.0	-5.3	0.0
2013	9	2,343.2	2,344.8	0.0	0.0	-1.6	0.0
2013	10	2,322.2	2,332.9	0.0	0.0	-10.7	0.0
2013	11	2,317.0	2,324.0	0.0	0.0	-7.0	0.0
2013	12	2,309.6	2,310.1	0.0	0.0	-0.5	0.0
2014	1	2,312.1	2,311.1	0.0	0.0	1.0	0.0
2014	2	2,305.4	2,302.2	0.0	0.0	3.2	0.0
2014	3	2,291.7	2,297.3	0.0	0.0	-5.5	0.0
2014	4	2,299.0	2,300.2	0.0	0.0	-1.2	0.0
2014	5	2,279.5	2,289.3	0.0	0.0	-9.9	0.0
2014	6	2,290.9	2,294.3	0.0	0.0	-3.4	0.0
2014	7	2,257.5	2,269.5	0.0	0.0	-12.0	0.0
2014	8	2,270.6	2,272.5	0.0	0.0	-1.9	0.0

2014	9	2,249.1	2,259.6	0.0	0.0	-10.5	0.0
2014	10	2,259.7	2,260.6	0.0	0.0	-0.9	0.0
2014	11	2,245.6	2,249.7	0.0	0.0	-4.1	0.0
2014	12	2,252.0	2,243.8	0.0	0.0	8.2	0.0
2015	1	2,242.4	2,230.9	0.0	0.0	11.5	0.0
2015	2	2,250.0	2,235.9	0.0	0.0	14.1	0.0
2015	3	2,243.4	2,230.9	0.0	0.0	12.5	0.0
2015	4	2,254.7	2,242.8	0.0	0.0	11.9	0.0
2015	5	2,240.8	2,242.8	0.0	0.0	-2.1	0.0
2015	6	2,236.1	2,234.9	0.0	0.0	1.2	0.0
2015	7	2,245.6	2,236.9	0.0	0.0	8.7	0.0
2015	8	2,239.6	2,230.9	0.0	0.0	8.7	0.0
2015	9	2,222.0	2,217.1	0.0	0.0	4.9	0.0
2015	10	2,242.4	2,223.0	0.0	0.0	19.4	0.0
2015	11	2,235.4	2,228.9	0.0	0.0	6.5	0.0
2015	12	2,227.2	2,230.9	0.0	0.0	-3.8	0.0
2016	1	2,213.8	2,218.1	0.0	0.0	-4.3	0.0
2016	2	2,219.0	2,230.9	0.0	0.0	-11.9	0.0
2016	3	2,200.2	2,213.1	0.0	0.0	-12.9	0.0
2016	4	2,194.2	2,200.2	0.0	0.0	-6.0	0.0
2016	5	2,198.4	2,201.2	0.0	0.0	-2.8	0.0
2016	6	2,159.2	2,174.5	0.0	0.0	-15.2	0.0
2016	7	2,186.7	2,185.4	0.0	0.0	1.4	0.0
2016	8	2,174.8	2,180.4	0.0	0.0	-5.6	0.0
2016	9	2,166.8	2,173.5	0.0	0.0	-6.7	0.0
2016	10	2,145.5	2,151.7	0.0	0.0	-6.2	0.0
2016	11	2,168.3	2,155.7	0.0	0.0	12.6	0.0
2016	12	2,151.7	2,153.7	0.0	0.0	-2.0	0.0
2017	1	2,142.1	2,146.8	0.0	0.0	-4.7	0.0
2017	2	2,166.1	2,140.8	0.0	28.4	-3.1	0.0
2017	3	2,153.6	2,153.7	0.0	0.0	-0.1	0.0
2017	4	2,133.8	2,130.9	0.0	0.0	2.9	0.0
2017	5	2,142.4	2,124.0	0.0	0.0	18.4	0.0
2017	6	2,127.6	2,120.0	0.0	0.0	7.6	0.0
2017	7	2,155.3	2,147.7	0.0	0.0	7.6	0.0
2017	8	2,137.4	2,137.8	0.0	0.0	-0.4	0.0
2017	9	2,144.4	2,143.8	0.0	0.0	0.6	0.0
2017	10	2,109.6	2,117.1	0.0	0.0	-7.5	0.0
2017	11	2,120.6	2,113.1	0.0	0.0	7.5	0.0
2017	12	2,133.5	2,126.0	0.0	0.0	7.5	0.0
2018	1	2,117.0	2,118.0	0.0	0.0	-1.1	0.0
2018	2	2,108.6	2,109.1	0.0	0.0	-0.6	0.0
2018	3	2,109.5	2,110.1	0.0	0.0	-0.6	0.0
2018	4	2,101.2	2,106.2	0.0	0.0	-4.9	0.0
2018	5	2,092.8	2,103.2	0.0	0.0	-10.4	0.0
2018	6	2,085.3	2,096.3	0.0	0.0	-10.9	0.0
2018	7	2,076.9	2,087.3	0.0	0.0	-10.4	0.0

2018	8	2,067.8	2,080.4	0.0	0.0	-12.6	0.0
2018	9	2,061.5	2,066.6	0.0	0.0	-5.1	0.0
2018	10	2,066.6	2,062.6	0.0	0.0	4.0	0.0
2018	11	2,056.9	2,056.7	0.0	0.0	0.2	0.0
2018	12	2,040.7	2,043.8	0.0	0.0	-3.1	0.0
2019	1	2,062.2	2,050.7	0.0	0.0	11.5	0.0
2019	2	2,050.1	2,053.7	0.0	0.0	-3.6	0.0
2019	3	2,035.9	2,042.8	0.0	0.0	-6.9	0.0
2019	4	2,024.5	2,030.9	0.0	0.0	-6.4	0.0
2019	5	2,041.0	2,044.8	0.0	0.0	-3.7	0.0
2019	6	2,018.7	2,024.0	0.0	0.0	-5.3	0.0
2019	7	2,022.1	2,021.0	0.0	0.0	1.1	0.0
2019	8	2,016.0	2,011.1	0.0	0.0	4.9	0.0
2019	9	2,009.0	2,004.2	0.0	0.0	4.8	0.0
2019	10	2,015.5	2,015.1	0.0	0.0	0.4	0.0
2019	11	2,002.3	2,006.2	0.0	0.0	-3.8	0.0
2019	12	2,012.2	2,010.1	0.0	0.0	2.1	0.0
2020	1	2,006.1	2,000.2	0.0	0.0	5.9	0.0
2020	2	1,993.3	1,985.4	0.0	0.0	8.0	0.0
2020	3	2,002.7	1,988.3	0.0	0.0	14.4	0.0
2020	4	1,998.8	1,990.3	0.0	0.0	8.5	0.0
2020	5	2,005.4	2,001.2	0.0	0.0	4.2	0.0
2020	6	1,991.4	1,995.3	0.0	0.0	-3.9	0.0
2020	7	1,999.7	1,992.3	0.0	0.0	7.4	0.0
2020	8	1,989.6	1,984.4	0.0	0.0	5.2	0.0
2020	9	1,990.1	1,978.4	0.0	0.0	11.7	0.0
2020	10	1,982.3	1,974.5	0.0	0.0	7.9	0.0
2020	11	2,005.8	1,989.3	0.0	0.0	16.5	0.0
2020	12	1,980.1	1,982.4	0.0	0.0	-2.3	0.0
2021	1	1,981.3	1,986.3	0.0	0.0	-5.1	0.0
2021	2	1,956.5	1,973.5	0.0	0.0	-16.9	0.0
2021	3	1,975.4	1,985.4	0.0	0.0	-10.0	0.0
2021	4	1,943.2	1,965.6	0.0	0.0	-22.3	0.0
2021	5	1,945.8	1,953.7	0.0	0.0	-7.9	0.0
2021	6	1,931.7	1,935.8	0.0	0.0	-4.1	0.0
2021	7	1,938.1	1,935.8	0.0	0.0	2.2	0.0
2021	8	1,931.4	1,925.0	0.0	0.0	6.5	0.0
2021	9	1,935.4	1,931.9	0.0	0.0	3.5	0.0
2021	10	1,928.8	1,926.9	0.0	0.0	1.9	0.0
2021	11	1,922.0	1,921.0	0.0	0.0	1.0	0.0
2021	12	1,929.3	1,928.7	0.0	0.0	0.6	0.0
2022	1	1,912.8	1,912.5	0.0	0.0	0.3	0.0
2022	2	1,916.6	1,916.4	0.0	0.0	0.2	0.0
2022	3	1,910.0	1,909.9	0.0	0.0	0.1	0.0
2022	4	1,903.2	1,903.2	0.0	0.0	0.0	0.0
2022	5	1,910.4	1,910.4	0.0	0.0	0.0	0.0
2022	6	1,894.1	1,894.1	0.0	0.0	0.0	0.0

2022	7	1,897.8	1,897.8	0.0	0.0	0.0	0.0
2022	8	1,891.3	1,891.3	0.0	0.0	0.0	0.0
2022	9	1,884.6	1,884.6	0.0	0.0	0.0	0.0
2022	10	1,891.7	1,891.7	0.0	0.0	0.0	0.0
2022	11	1,875.5	1,875.5	0.0	0.0	0.0	0.0
2022	12	1,879.2	1,879.2	0.0	0.0	0.0	0.0
2023	1	1,872.8	1,872.8	0.0	0.0	0.0	0.0
2023	2	1,866.1	1,866.1	0.0	0.0	0.0	0.0
2023	3	1,873.2	1,873.2	0.0	0.0	0.0	0.0
2023	4	1,857.1	1,857.1	0.0	0.0	0.0	0.0
2023	5	1,860.8	1,860.8	0.0	0.0	0.0	0.0
2023	6	1,854.4	1,854.4	0.0	0.0	0.0	0.0
2023	7	1,847.8	1,847.8	0.0	0.0	0.0	0.0
2023	8	1,854.8	1,854.8	0.0	0.0	0.0	0.0
2023	9	1,838.9	1,838.9	0.0	0.0	0.0	0.0
2023	10	1,842.6	1,842.6	0.0	0.0	0.0	0.0
2023	11	1,836.3	1,836.3	0.0	0.0	0.0	0.0
2023	12	1,829.7	1,829.7	0.0	0.0	0.0	0.0
2024	1	1,836.6	1,836.6	0.0	0.0	0.0	0.0
2024	2	1,820.9	1,820.9	0.0	0.0	0.0	0.0
2024	3	1,824.5	1,824.5	0.0	0.0	0.0	0.0
2024	4	1,818.3	1,818.3	0.0	0.0	0.0	0.0
2024	5	1,811.8	1,811.8	0.0	0.0	0.0	0.0
2024	6	1,818.7	1,818.7	0.0	0.0	0.0	0.0
2024	7	1,803.1	1,803.1	0.0	0.0	0.0	0.0
2024	8	1,806.6	1,806.6	0.0	0.0	0.0	0.0
2024	9	1,800.5	1,800.5	0.0	0.0	0.0	0.0
2024	10	1,794.1	1,794.1	0.0	0.0	0.0	0.0
2024	11	1,800.8	1,800.8	0.0	0.0	0.0	0.0
2024	12	1,785.4	1,785.4	0.0	0.0	0.0	0.0
2025	1	1,788.9	1,788.9	0.0	0.0	0.0	0.0
2025	2	1,782.8	1,782.8	0.0	0.0	0.0	0.0
2025	3	1,776.5	1,776.5	0.0	0.0	0.0	0.0
2025	4	1,783.2	1,783.2	0.0	0.0	0.0	0.0
2025	5	1,767.9	1,767.9	0.0	0.0	0.0	0.0
2025	6	1,771.4	1,771.4	0.0	0.0	0.0	0.0
2025	7	1,765.3	1,765.3	0.0	0.0	0.0	0.0
2025	8	1,759.1	1,759.1	0.0	0.0	0.0	0.0
2025	9	1,765.7	1,765.7	0.0	0.0	0.0	0.0
2025	10	1,750.6	1,750.6	0.0	0.0	0.0	0.0
2025	11	1,754.1	1,754.1	0.0	0.0	0.0	0.0
2025	12	1,748.0	1,748.0	0.0	0.0	0.0	0.0
2026	1	1,741.8	1,741.8	0.0	0.0	0.0	0.0
2026	2	1,748.4	1,748.4	0.0	0.0	0.0	0.0
2026	3	1,733.5	1,733.5	0.0	0.0	0.0	0.0
2026	4	1,736.9	1,736.9	0.0	0.0	0.0	0.0
2026	5	1,730.9	1,730.9	0.0	0.0	0.0	0.0

2026	6	1,724.8	1,724.8	0.0	0.0	0.0	0.0
2026	7	1,731.3	1,731.3	0.0	0.0	0.0	0.0
2026	8	1,716.5	1,716.5	0.0	0.0	0.0	0.0
2026	9	1,719.9	1,719.9	0.0	0.0	0.0	0.0
2026	10	1,714.0	1,714.0	0.0	0.0	0.0	0.0
2026	11	1,707.9	1,707.9	0.0	0.0	0.0	0.0
2026	12	1,714.3	1,714.3	0.0	0.0	0.0	0.0
2027	1	1,699.7	1,699.7	0.0	0.0	0.0	0.0
2027	2	1,703.0	1,703.0	0.0	0.0	0.0	0.0
2027	3	1,697.2	1,697.2	0.0	0.0	0.0	0.0
2027	4	1,691.1	1,691.1	0.0	0.0	0.0	0.0
2027	5	1,697.5	1,697.5	0.0	0.0	0.0	0.0
2027	6	1,683.0	1,683.0	0.0	0.0	0.0	0.0
2027	7	1,686.3	1,686.3	0.0	0.0	0.0	0.0
2027	8	1,680.5	1,680.5	0.0	0.0	0.0	0.0
2027	9	1,674.6	1,674.6	0.0	0.0	0.0	0.0
2027	10	1,680.9	1,680.9	0.0	0.0	0.0	0.0
2027	11	1,666.5	1,666.5	0.0	0.0	0.0	0.0
2027	12	1,669.8	1,669.8	0.0	0.0	0.0	0.0
2028	1	1,664.1	1,664.1	0.0	0.0	0.0	0.0
2028	2	1,658.2	1,658.2	0.0	0.0	0.0	0.0
2028	3	1,664.4	1,664.4	0.0	0.0	0.0	0.0
2028	4	1,650.2	1,650.2	0.0	0.0	0.0	0.0
2028	5	1,653.4	1,653.4	0.0	0.0	0.0	0.0
2028	6	1,647.8	1,647.8	0.0	0.0	0.0	0.0
2028	7	1,641.9	1,641.9	0.0	0.0	0.0	0.0
2028	8	1,648.1	1,648.1	0.0	0.0	0.0	0.0
2028	9	1,634.0	1,634.0	0.0	0.0	0.0	0.0
2028	10	1,637.2	1,637.2	0.0	0.0	0.0	0.0
2028	11	1,631.6	1,631.6	0.0	0.0	0.0	0.0
2028	12	1,625.8	1,625.8	0.0	0.0	0.0	0.0
2029	1	1,632.0	1,632.0	0.0	0.0	0.0	0.0
2029	2	1,618.0	1,618.0	0.0	0.0	0.0	0.0
2029	3	1,621.2	1,621.2	0.0	0.0	0.0	0.0
2029	4	1,615.6	1,615.6	0.0	0.0	0.0	0.0
2029	5	1,609.9	1,609.9	0.0	0.0	0.0	0.0
2029	6	1,616.0	1,616.0	0.0	0.0	0.0	0.0
2029	7	1,602.2	1,602.2	0.0	0.0	0.0	0.0
2029	8	1,605.3	1,605.3	0.0	0.0	0.0	0.0
2029	9	1,599.8	1,599.8	0.0	0.0	0.0	0.0
2029	10	1,594.1	1,594.1	0.0	0.0	0.0	0.0
2029	11	1,600.2	1,600.2	0.0	0.0	0.0	0.0
2029	12	1,586.5	1,586.5	0.0	0.0	0.0	0.0
2030	1	1,589.6	1,589.6	0.0	0.0	0.0	0.0
2030	2	1,584.1	1,584.1	0.0	0.0	0.0	0.0
2030	3	1,578.5	1,578.5	0.0	0.0	0.0	0.0
2030	4	1,584.5	1,584.5	0.0	0.0	0.0	0.0

2030	5	1,570.9	1,570.9	0.0	0.0	0.0	0.0
2030	6	1,574.0	1,574.0	0.0	0.0	0.0	0.0
2030	7	1,568.6	1,568.6	0.0	0.0	0.0	0.0
2030	8	1,563.0	1,563.0	0.0	0.0	0.0	0.0
2030	9	1,568.9	1,568.9	0.0	0.0	0.0	0.0
2030	10	1,555.5	1,555.5	0.0	0.0	0.0	0.0
2030	11	1,558.6	1,558.6	0.0	0.0	0.0	0.0
2030	12	1,553.2	1,553.2	0.0	0.0	0.0	0.0
2031	1	1,547.7	1,547.7	0.0	0.0	0.0	0.0
2031	2	1,553.6	1,553.6	0.0	0.0	0.0	0.0
2031	3	1,540.3	1,540.3	0.0	0.0	0.0	0.0
2031	4	1,543.3	1,543.3	0.0	0.0	0.0	0.0
2031	5	1,538.0	1,538.0	0.0	0.0	0.0	0.0
2031	6	1,532.6	1,532.6	0.0	0.0	0.0	0.0
2031	7	1,538.4	1,538.4	0.0	0.0	0.0	0.0
2031	8	1,525.2	1,525.2	0.0	0.0	0.0	0.0
2031	9	1,528.2	1,528.2	0.0	0.0	0.0	0.0
2031	10	1,523.0	1,523.0	0.0	0.0	0.0	0.0
2031	11	1,517.5	1,517.5	0.0	0.0	0.0	0.0
2031	12	1,523.3	1,523.3	0.0	0.0	-0.0	0.0
2032	1	1,510.3	1,510.3	0.0	0.0	0.0	0.0
2032	2	1,513.2	1,513.2	0.0	0.0	0.0	0.0
2032	3	1,508.0	1,508.0	0.0	0.0	0.0	0.0
2032	4	1,502.7	1,502.7	0.0	0.0	0.0	0.0
2032	5	1,508.4	1,508.4	0.0	0.0	0.0	0.0
2032	6	1,495.5	1,495.5	0.0	0.0	0.0	0.0
2032	7	1,498.4	1,498.4	0.0	0.0	0.0	0.0
2032	8	1,493.3	1,493.3	0.0	0.0	0.0	0.0
2032	9	1,488.0	1,488.0	0.0	0.0	0.0	0.0
2032	10	1,493.6	1,493.6	0.0	0.0	0.0	0.0
2032	11	1,480.8	1,480.8	0.0	0.0	0.0	0.0
2032	12	1,483.7	1,483.7	0.0	0.0	0.0	0.0
2033	1	1,478.6	1,478.6	0.0	0.0	0.0	0.0
2033	2	1,473.4	1,473.4	0.0	0.0	0.0	0.0
2033	3	1,478.9	1,478.9	0.0	0.0	0.0	0.0
2033	4	1,466.3	1,466.3	0.0	0.0	0.0	0.0
2033	5	1,469.2	1,469.2	0.0	0.0	0.0	0.0
2033	6	1,464.1	1,464.1	0.0	0.0	0.0	0.0
2033	7	1,458.9	1,458.9	0.0	0.0	0.0	0.0
2033	8	1,464.5	1,464.5	0.0	0.0	0.0	0.0
2033	9	1,451.9	1,451.9	0.0	0.0	0.0	0.0
2033	10	1,454.8	1,454.8	0.0	0.0	0.0	0.0
2033	11	1,449.8	1,449.8	0.0	0.0	0.0	0.0
2033	12	1,444.7	1,444.7	0.0	0.0	0.0	0.0
2034	1	1,450.1	1,450.1	0.0	0.0	0.0	0.0
2034	2	1,437.7	1,437.7	0.0	0.0	0.0	0.0
2034	3	1,440.5	1,440.5	0.0	0.0	0.0	0.0

2034	4	1,435.6	1,435.6	0.0	0.0	0.0	0.0
2034	5	1,430.5	1,430.5	0.0	0.0	0.0	0.0
2034	6	1,435.9	1,435.9	0.0	0.0	0.0	0.0
2034	7	1,423.6	1,423.6	0.0	0.0	0.0	0.0
2034	8	1,426.4	1,426.4	0.0	0.0	0.0	0.0
2034	9	1,421.5	1,421.5	0.0	0.0	-0.0	0.0
2034	10	1,416.5	1,416.5	0.0	0.0	0.0	0.0
2034	11	1,421.8	1,421.8	0.0	0.0	0.0	0.0
2034	12	1,409.7	1,409.7	0.0	0.0	0.0	0.0
2035	1	1,412.4	1,412.4	0.0	0.0	0.0	0.0
2035	2	1,407.6	1,407.6	0.0	0.0	0.0	0.0
2035	3	1,402.6	1,402.6	0.0	0.0	0.0	0.0
2035	4	1,407.9	1,407.9	0.0	0.0	0.0	0.0
2035	5	1,395.9	1,395.9	0.0	0.0	0.0	0.0
2035	6	1,398.6	1,398.6	0.0	0.0	0.0	0.0
2035	7	1,393.8	1,393.8	0.0	0.0	0.0	0.0
2035	8	1,388.9	1,388.9	0.0	0.0	0.0	0.0
2035	9	1,394.1	1,394.1	0.0	0.0	0.0	0.0
2035	10	1,382.2	1,382.2	0.0	0.0	0.0	0.0
2035	11	1,384.9	1,384.9	0.0	0.0	0.0	0.0
2035	12	1,380.2	1,380.2	0.0	0.0	0.0	0.0
2036	1	1,375.3	1,375.3	0.0	0.0	0.0	0.0
2036	2	1,380.4	1,380.4	0.0	0.0	0.0	0.0
2036	3	1,368.6	1,368.6	0.0	0.0	0.0	0.0
2036	4	1,371.3	1,371.3	0.0	0.0	0.0	0.0
2036	5	1,366.6	1,366.6	0.0	0.0	0.0	0.0
2036	6	1,361.8	1,361.8	0.0	0.0	0.0	0.0
2036	7	1,366.9	1,366.9	0.0	0.0	0.0	0.0
2036	8	1,355.2	1,355.2	0.0	0.0	0.0	0.0
2036	9	1,357.9	1,357.9	0.0	0.0	0.0	0.0
2036	10	1,353.2	1,353.2	0.0	0.0	0.0	0.0
2036	11	1,348.4	1,348.4	0.0	0.0	0.0	0.0
2036	12	1,353.5	1,353.5	0.0	0.0	0.0	0.0
2037	1	1,342.0	1,342.0	0.0	0.0	0.0	0.0
2037	2	1,344.6	1,344.6	0.0	0.0	0.0	0.0
2037	3	1,340.0	1,340.0	0.0	0.0	0.0	0.0
2037	4	1,335.2	1,335.2	0.0	0.0	0.0	0.0
2037	5	1,340.3	1,340.3	0.0	0.0	0.0	0.0
2037	6	1,328.8	1,328.8	0.0	0.0	0.0	0.0
2037	7	1,331.4	1,331.4	0.0	0.0	0.0	0.0
2037	8	1,326.9	1,326.9	0.0	0.0	0.0	0.0
2037	9	1,322.1	1,322.1	0.0	0.0	-0.0	0.0
2037	10	1,327.1	1,327.1	0.0	0.0	0.0	0.0
2037	11	1,315.8	1,315.8	0.0	0.0	0.0	0.0
2037	12	1,318.4	1,318.4	0.0	0.0	0.0	0.0
2038	1	1,313.9	1,313.9	0.0	0.0	0.0	0.0
2038	2	1,309.2	1,309.2	0.0	0.0	0.0	0.0

2038	3	1,314.1	1,314.1	0.0	0.0	0.0	0.0
2038	4	1,302.9	1,302.9	0.0	0.0	0.0	0.0
2038	5	1,305.5	1,305.5	0.0	0.0	0.0	0.0
2038	6	1,301.0	1,301.0	0.0	0.0	0.0	0.0
2038	7	1,296.4	1,296.4	0.0	0.0	0.0	0.0
2038	8	1,301.3	1,301.3	0.0	0.0	0.0	0.0
2038	9	1,290.1	1,290.1	0.0	0.0	0.0	0.0
2038	10	1,292.7	1,292.7	0.0	0.0	0.0	0.0
2038	11	1,288.2	1,288.2	0.0	0.0	0.0	0.0
2038	12	1,283.7	1,283.7	0.0	0.0	0.0	0.0
2039	1	1,288.5	1,288.5	0.0	0.0	0.0	0.0
2039	2	1,277.5	1,277.5	0.0	0.0	0.0	0.0
2039	3	1,280.0	1,280.0	0.0	0.0	0.0	0.0
2039	4	1,275.6	1,275.6	0.0	0.0	0.0	0.0
2039	5	1,271.1	1,271.1	0.0	0.0	0.0	0.0
2039	6	1,275.9	1,275.9	0.0	0.0	0.0	0.0
2039	7	1,265.0	1,265.0	0.0	0.0	0.0	0.0
2039	8	1,267.5	1,267.5	0.0	0.0	0.0	0.0
2039	9	1,263.1	1,263.1	0.0	0.0	0.0	0.0
2039	10	1,258.6	1,258.6	0.0	0.0	0.0	0.0
2039	11	1,263.4	1,263.4	0.0	0.0	0.0	0.0
2039	12	1,252.6	1,252.6	0.0	0.0	0.0	0.0
2040	1	1,255.0	1,255.0	0.0	0.0	0.0	0.0
2040	2	1,250.7	1,250.7	0.0	0.0	0.0	0.0
2040	3	1,246.3	1,246.3	0.0	0.0	0.0	0.0
2040	4	1,251.0	1,251.0	0.0	0.0	0.0	0.0
2040	5	1,240.3	1,240.3	0.0	0.0	0.0	0.0
2040	6	1,242.8	1,242.8	0.0	0.0	0.0	0.0
2040	7	1,238.5	1,238.5	0.0	0.0	0.0	0.0
2040	8	1,234.1	1,234.1	0.0	0.0	0.0	0.0
2040	9	1,238.8	1,238.8	0.0	0.0	0.0	0.0
2040	10	1,228.2	1,228.2	0.0	0.0	0.0	0.0
2040	11	1,230.6	1,230.6	0.0	0.0	0.0	0.0
2040	12	1,226.4	1,226.4	0.0	0.0	0.0	0.0
2041	1	1,222.0	1,222.0	0.0	0.0	0.0	0.0
2041	2	1,226.6	1,226.6	0.0	0.0	0.0	0.0
2041	3	1,216.1	1,216.1	0.0	0.0	0.0	0.0
2041	4	1,218.5	1,218.5	0.0	0.0	0.0	0.0
2041	5	1,214.3	1,214.3	0.0	0.0	-0.0	0.0
2041	6	1,210.0	1,210.0	0.0	0.0	0.0	0.0
2041	7	1,214.6	1,214.6	0.0	0.0	0.0	0.0
2041	8	1,204.2	1,204.2	0.0	0.0	0.0	0.0
2041	9	1,206.6	1,206.6	0.0	0.0	0.0	0.0
2041	10	1,202.4	1,202.4	0.0	0.0	-0.0	0.0
2041	11	1,198.2	1,198.2	0.0	0.0	0.0	0.0
2041	12	1,202.7	1,202.7	0.0	0.0	0.0	0.0
2042	1	1,192.4	1,192.4	0.0	0.0	0.0	0.0

2042	2	1,194.8	1,194.8	0.0	0.0	0.0	0.0
2042	3	1,190.7	1,190.7	0.0	0.0	0.0	0.0
2042	4	1,186.4	1,186.4	0.0	0.0	0.0	0.0
2042	5	1,190.9	1,190.9	0.0	0.0	0.0	0.0
2042	6	1,180.7	1,180.7	0.0	0.0	0.0	0.0
2042	7	1,183.1	1,183.1	0.0	0.0	0.0	0.0
2042	8	1,179.0	1,179.0	0.0	0.0	0.0	0.0
2042	9	1,174.8	1,174.8	0.0	0.0	0.0	0.0
2042	10	1,179.2	1,179.2	0.0	0.0	0.0	0.0
2042	11	1,169.2	1,169.2	0.0	0.0	0.0	0.0
2042	12	1,171.5	1,171.5	0.0	0.0	0.0	0.0
2043	1	1,167.4	1,167.4	0.0	0.0	0.0	0.0
2043	2	1,163.3	1,163.3	0.0	0.0	0.0	0.0
2043	3	1,167.7	1,167.7	0.0	0.0	0.0	0.0
2043	4	1,157.7	1,157.7	0.0	0.0	0.0	0.0
2043	5	1,160.0	1,160.0	0.0	0.0	0.0	0.0
2043	6	1,156.0	1,156.0	0.0	0.0	0.0	0.0
2043	7	1,151.9	1,151.9	0.0	0.0	0.0	0.0
2043	8	1,156.2	1,156.2	0.0	0.0	0.0	0.0
2043	9	1,146.4	1,146.4	0.0	0.0	0.0	0.0
2043	10	1,148.6	1,148.6	0.0	0.0	0.0	0.0
2043	11	1,144.7	1,144.7	0.0	0.0	0.0	0.0
2043	12	1,140.6	1,140.6	0.0	0.0	0.0	0.0
2044	1	1,144.9	1,144.9	0.0	0.0	0.0	0.0
2044	2	1,135.1	1,135.1	0.0	0.0	0.0	0.0
2044	3	1,137.4	1,137.4	0.0	0.0	0.0	0.0
2044	4	1,133.5	1,133.5	0.0	0.0	-0.0	0.0
2044	5	1,129.4	1,129.4	0.0	0.0	0.0	0.0
2044	6	1,133.7	1,133.7	0.0	0.0	0.0	0.0
2044	7	1,124.0	1,124.0	0.0	0.0	0.0	0.0
2044	8	1,126.2	1,126.2	0.0	0.0	0.0	0.0
2044	9	1,122.4	1,122.4	0.0	0.0	0.0	0.0
2044	10	1,118.4	1,118.4	0.0	0.0	0.0	0.0
2044	11	1,122.6	1,122.6	0.0	0.0	0.0	0.0
2044	12	1,113.0	1,113.0	0.0	0.0	0.0	0.0
2045	1	1,115.2	1,115.2	0.0	0.0	0.0	0.0
2045	2	1,111.4	1,111.4	0.0	0.0	0.0	0.0
2045	3	1,107.4	1,107.4	0.0	0.0	0.0	0.0
2045	4	1,111.6	1,111.6	0.0	0.0	0.0	0.0
2045	5	1,102.1	1,102.1	0.0	0.0	0.0	0.0
2045	6	1,104.3	1,104.3	0.0	0.0	0.0	0.0
2045	7	1,100.5	1,100.5	0.0	0.0	0.0	0.0
2045	8	1,096.6	1,096.6	0.0	0.0	0.0	0.0
2045	9	1,100.7	1,100.7	0.0	0.0	0.0	0.0
2045	10	1,091.3	1,091.3	0.0	0.0	0.0	0.0
2045	11	1,093.4	1,093.4	0.0	0.0	0.0	0.0
2045	12	1,089.7	1,089.7	0.0	0.0	0.0	0.0

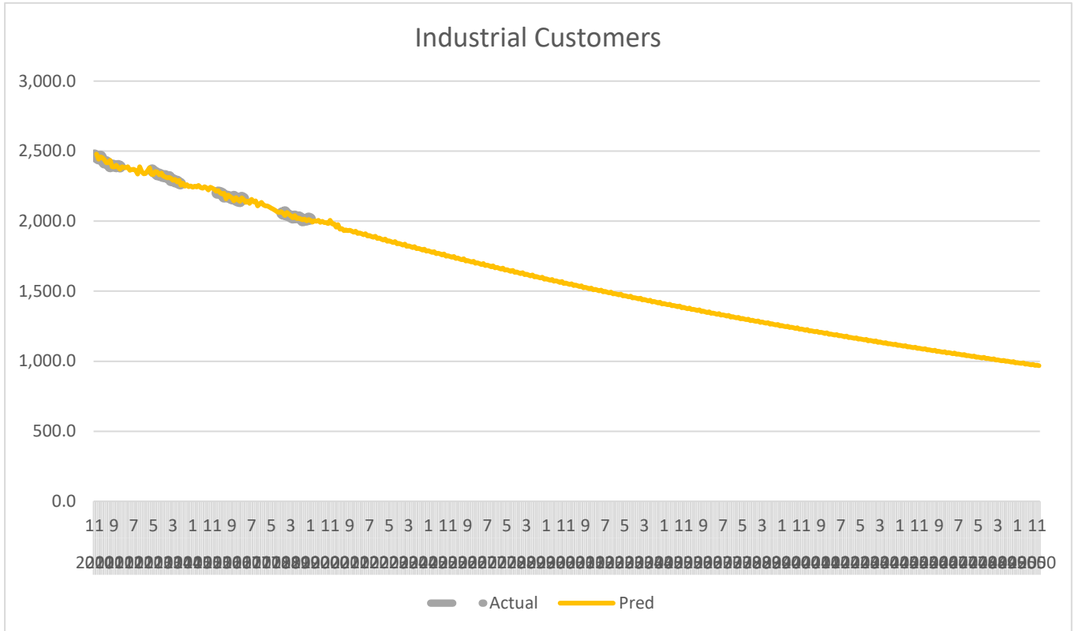
2046	1	1,085.8	1,085.8	0.0	0.0	0.0	0.0
2046	2	1,089.9	1,089.9	0.0	0.0	0.0	0.0
2046	3	1,080.6	1,080.6	0.0	0.0	0.0	0.0
2046	4	1,082.7	1,082.7	0.0	0.0	0.0	0.0
2046	5	1,079.0	1,079.0	0.0	0.0	0.0	0.0
2046	6	1,075.2	1,075.2	0.0	0.0	0.0	0.0
2046	7	1,079.2	1,079.2	0.0	0.0	0.0	0.0
2046	8	1,070.0	1,070.0	0.0	0.0	0.0	0.0
2046	9	1,072.1	1,072.1	0.0	0.0	0.0	0.0
2046	10	1,068.4	1,068.4	0.0	0.0	0.0	0.0
2046	11	1,064.6	1,064.6	0.0	0.0	0.0	0.0
2046	12	1,068.7	1,068.7	0.0	0.0	0.0	0.0
2047	1	1,059.5	1,059.5	0.0	0.0	0.0	0.0
2047	2	1,061.6	1,061.6	0.0	0.0	0.0	0.0
2047	3	1,058.0	1,058.0	0.0	0.0	0.0	0.0
2047	4	1,054.2	1,054.2	0.0	0.0	0.0	0.0
2047	5	1,058.2	1,058.2	0.0	0.0	0.0	0.0
2047	6	1,049.1	1,049.1	0.0	0.0	0.0	0.0
2047	7	1,051.2	1,051.2	0.0	0.0	0.0	0.0
2047	8	1,047.6	1,047.6	0.0	0.0	0.0	0.0
2047	9	1,043.9	1,043.9	0.0	0.0	0.0	0.0
2047	10	1,047.8	1,047.8	0.0	0.0	0.0	0.0
2047	11	1,038.9	1,038.9	0.0	0.0	0.0	0.0
2047	12	1,040.9	1,040.9	0.0	0.0	0.0	0.0
2048	1	1,037.3	1,037.3	0.0	0.0	0.0	0.0
2048	2	1,033.7	1,033.7	0.0	0.0	0.0	0.0
2048	3	1,037.6	1,037.6	0.0	0.0	0.0	0.0
2048	4	1,028.7	1,028.7	0.0	0.0	0.0	0.0
2048	5	1,030.7	1,030.7	0.0	0.0	0.0	0.0
2048	6	1,027.2	1,027.2	0.0	0.0	0.0	0.0
2048	7	1,023.5	1,023.5	0.0	0.0	0.0	0.0
2048	8	1,027.4	1,027.4	0.0	0.0	0.0	0.0
2048	9	1,018.6	1,018.6	0.0	0.0	0.0	0.0
2048	10	1,020.6	1,020.6	0.0	0.0	0.0	0.0
2048	11	1,017.1	1,017.1	0.0	0.0	0.0	0.0
2048	12	1,013.5	1,013.5	0.0	0.0	0.0	0.0
2049	1	1,017.3	1,017.3	0.0	0.0	0.0	0.0
2049	2	1,008.6	1,008.6	0.0	0.0	0.0	0.0
2049	3	1,010.6	1,010.6	0.0	0.0	0.0	0.0
2049	4	1,007.2	1,007.2	0.0	0.0	0.0	0.0
2049	5	1,003.6	1,003.6	0.0	0.0	0.0	0.0
2049	6	1,007.4	1,007.4	0.0	0.0	0.0	0.0
2049	7	998.7	998.7	0.0	0.0	0.0	0.0
2049	8	1,000.7	1,000.7	0.0	0.0	0.0	0.0
2049	9	997.3	997.3	0.0	0.0	0.0	0.0
2049	10	993.7	993.7	0.0	0.0	0.0	0.0
2049	11	997.5	997.5	0.0	0.0	0.0	0.0

2049	12	989.0	989.0	0.0	0.0	0.0	0.0
2050	1	990.9	990.9	0.0	0.0	0.0	0.0
2050	2	987.5	987.5	0.0	0.0	0.0	0.0
2050	3	984.0	984.0	0.0	0.0	0.0	0.0
2050	4	987.7	987.7	0.0	0.0	0.0	0.0
2050	5	979.3	979.3	0.0	0.0	0.0	0.0
2050	6	981.2	981.2	0.0	0.0	0.0	0.0
2050	7	977.8	977.8	0.0	0.0	0.0	0.0
2050	8	974.4	974.4	0.0	0.0	0.0	0.0
2050	9	978.0	978.0	0.0	0.0	0.0	0.0
2050	10	969.7	969.7	0.0	0.0	0.0	0.0
2050	11	971.6	971.6	0.0	0.0	0.0	0.0
2050	12	968.3	968.3	0.0	0.0	0.0	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma	MAPE
2010	11	2,471.0					
2010	12	2,457.0	2478.796885	2507.276152	2450.317618	14.38876632	0.89%
2011	1	2,446.0	2442.652248	2471.119339	2414.185157	14.38261436	0.14%
2011	2	2,463.0	2459.451415	2487.923566	2430.979265	14.38517079	0.14%
2011	3	2,439.0	2453.38459	2481.851681	2424.917499	14.38261436	0.59%
2011	4	2,418.0	2438.835715	2467.299276	2410.372155	14.38083072	0.86%
2011	5	2,423.0	2417.371306	2445.827834	2388.914777	14.37727791	0.23%
2011	6	2,411.0	2416.671098	2445.122129	2388.220068	14.37449996	0.24%
2011	7	2,390.0	2432.905983	2461.365521	2404.446446	14.37879818	1.80%
2011	8	2,400.0	2388.698856	2417.146399	2360.251312	14.37273839	0.47%
2011	9	2,396.0	2386.148528	2414.585669	2357.711387	14.36748269	0.41%
2011	10	2,391.0	2400.173856	2428.613466	2371.734246	14.3687301	0.38%
2011	11	2,396.0	2382.914669	2411.348362	2354.480976	14.36574047	0.55%
2011	12	2,388.0	2371.24238	2399.665786	2342.818975	14.36054284	0.70%
2012	1	2,397.0	2388.057429	2416.485722	2359.629136	14.36301247	0.37%
2012	2	2,397.0	2383.609235	2412.035571	2355.1829	14.36202343	0.56%
2012	3	2,396.0	2380.798339	2409.222233	2352.374446	14.36078936	0.63%
2012	4	2,369.0	2387.884173	2416.310509	2359.457837	14.36202343	0.80%
2012	5	2,356.0	2362.698694	2391.121124	2334.276264	14.36005011	0.28%
2012	6	2,367.0	2368.86655	2397.293375	2340.439725	14.36227054	0.08%
2012	7	2,351.0	2369.994841	2398.421665	2341.568016	14.36227054	0.81%
2012	8	2,355.0	2360.359473	2388.785809	2331.933137	14.36202343	0.23%
2012	9	2,369.0	2336.320329	2364.733533	2307.907125	14.35538883	1.38%
2012	10	2,393.0	2387.807909	2425.156972	2350.458845	18.87011126	0.22%
2012	11	2,363.0	2353.390726	2381.802963	2324.978489	14.35490025	0.41%
2012	12	2,341.0	2338.335108	2366.739637	2309.930579	14.35100585	0.11%
2013	1	2,357.0	2338.969278	2367.37573	2310.562827	14.35197708	0.76%
2013	2	2,366.0	2359.337161	2387.750365	2330.923957	14.35538883	0.28%
2013	3	2,360.0	2380.474518	2408.899388	2352.049648	14.36128269	0.87%
2013	4	2,368.0	2334.685816	2363.096121	2306.27551	14.35392427	1.41%
2013	5	2,356.0	2333.274814	2361.674551	2304.875077	14.34858474	0.96%
2013	6	2,347.0	2354.404814	2382.812228	2325.997401	14.35246328	0.32%
2013	7	2,333.0	2349.893268	2378.305022	2321.481514	14.35465611	0.72%
2013	8	2,334.0	2331.572274	2359.981133	2303.163415	14.35319333	0.10%
2013	9	2,325.0	2343.244389	2371.65711	2314.831669	14.35514449	0.78%
2013	10	2,320.0	2322.218824	2350.625757	2293.811892	14.35222013	0.10%
2013	11	2,323.0	2317.025736	2345.428346	2288.623126	14.35003622	0.26%
2013	12	2,312.0	2309.599131	2337.995049	2281.203214	14.34665498	0.10%
2014	1	2,317.0	2312.136188	2340.532582	2283.739793	14.34689585	0.21%
2014	2	2,292.0	2305.390951	2333.783062	2276.998841	14.34473157	0.58%
2014	3	2,295.0	2291.74713	2320.136867	2263.357392	14.34353267	0.14%
2014	4	2,282.0	2299.01385	2327.405011	2270.622689	14.34425172	0.75%
2014	5	2,283.0	2279.492341	2307.878292	2251.10639	14.34161958	0.15%
2014	6	2,272.0	2290.868993	2319.25731	2262.480677	14.34281452	0.83%
2014	7	2,266.0	2257.495239	2285.871778	2229.118699	14.33686467	0.38%
2014	8	2,253.0	2270.599632	2298.977579	2242.221685	14.33757537	0.78%

	Cust_Ind A	Predicted
2010-2020 APCT	**-2.17%**	**-2.22%**
2015-2020 APCT	**-2.36%**	**-2.32%**
2020--2025 APCT		**-2.46%**
2025-2030 APCT		**-2.34%**
2030-2035 APCT		**-2.34%**
2035-2050 APCT		**-2.34%**
LagDep(5)	elasticity	0.990202
MAPE		0.50%
MAD		11

Coefficients are significant and the right sign
Leave Forecast Unchanged for Spring Forecast Update



2014	9	2,258.0	2249.097718	2277.469582	2220.725854	14.33450212	0.39%
2014	10	2,253.0	2259.74491	2288.117241	2231.37258	14.33473793	0.30%
2014	11	2,265.0	2245.616041	2273.983249	2217.248834	14.33214951	0.86%
2014	12	2,265.0	2252.044019	2280.408442	2223.679596	14.33074272	0.57%
2015	1	2,257.0	2242.381561	2270.739976	2214.023147	14.32770697	0.65%
2015	2	2,259.0	2249.965367	2278.326088	2221.604646	14.32887258	0.40%
2015	3	2,253.0	2243.419856	2271.77827	2215.061442	14.32770697	0.43%
2015	4	2,239.0	2254.735492	2283.099452	2226.371533	14.33050861	0.70%
2015	5	2,245.0	2240.750626	2269.114585	2212.386667	14.33050861	0.19%
2015	6	2,251.0	2236.070944	2264.431203	2207.710684	14.32863926	0.66%
2015	7	2,253.0	2245.573517	2273.9347	2217.212333	14.329106	0.33%
2015	8	2,240.0	2239.64289	2268.001305	2211.284476	14.32770697	0.02%
2015	9	2,253.0	2221.966034	2250.318015	2193.614053	14.32445652	1.38%
2015	10	2,235.0	2242.42185	2270.776583	2214.067116	14.32584718	0.33%
2015	11	2,222.0	2235.42708	2263.784573	2207.069587	14.32724142	0.60%
2015	12	2,223.0	2227.173115	2255.531529	2198.8147	14.32770697	0.19%
2016	1	2,196.0	2213.770749	2242.123188	2185.41831	14.32468805	0.81%
2016	2	2,207.0	2219.01004	2247.368454	2190.651626	14.32770697	0.54%
2016	3	2,202.0	2200.174572	2228.524722	2171.824422	14.3235314	0.08%
2016	4	2,195.0	2194.230848	2222.575068	2165.886627	14.3205358	0.04%
2016	5	2,173.0	2198.394167	2226.738842	2170.049491	14.32076563	1.17%
2016	6	2,177.0	2159.236572	2187.569034	2130.904109	14.31459516	0.82%
2016	7	2,175.0	2186.73587	2215.073291	2158.398449	14.31710027	0.54%
2016	8	2,168.0	2174.818894	2203.154058	2146.48373	14.31596009	0.31%
2016	9	2,162.0	2166.780363	2195.112376	2138.44835	14.31436802	0.22%
2016	10	2,175.0	2145.499176	2173.821349	2117.177004	14.30939624	1.36%
2016	11	2,152.0	2168.254818	2196.578773	2139.930864	14.3102966	0.76%
2016	12	2,145.0	2151.706874	2180.029937	2123.383811	14.30984622	0.31%
2017	1	2,141.0	2142.063255	2170.383204	2113.743306	14.30827303	0.05%
2017	2	2,169.0	2166.076172	2203.347801	2128.804542	18.83098888	0.13%
2017	3	2,159.0	2153.588719	2181.911782	2125.265655	14.30984622	0.25%
2017	4	2,165.0	2133.784536	2162.097405	2105.471668	14.30469558	1.44%
2017	5	2,138.0	2142.400722	2170.710508	2114.090935	14.3031385	0.21%
2017	6	2,134.0	2127.596399	2155.904429	2099.288369	14.30225094	0.30%
2017	7	2,147.0	2155.30089	2183.621284	2126.980497	14.30849748	0.39%
2017	8	2,139.0	2137.442253	2165.758213	2109.126293	14.30625757	0.07%
2017	9	2,130.0	2144.411174	2172.729792	2116.092556	14.30760031	0.68%
2017	10	2,131.0	2109.602631	2137.909345	2081.295917	14.30158632	1.00%
2017	11	2,127.0	2120.627925	2148.932889	2092.322962	14.30070156	0.30%
2017	12	2,124.0	2133.479381	2161.790047	2105.168714	14.30358288	0.45%
2018	1	2,117.0	2116.981417	2145.28857	2088.674265	14.30180776	0.00%
2018	2	2,108.0	2108.567568	2136.870783	2080.264352	14.29981841	0.03%
2018	3	2,101.0	2109.510125	2137.813777	2081.206473	14.30003905	0.41%
2018	4	2,087.0	2101.232027	2129.533933	2072.930121	14.29915709	0.68%
2018	5	2,083.0	2092.837016	2121.137616	2064.536417	14.29849668	0.47%
2018	6	2,077.0	2085.349395	2113.646951	2057.051839	14.29695922	0.40%
2018	7	2,064.0	2076.94084	2105.234497	2048.647182	14.29498971	0.63%

2018	8	2,071.0	2067.800487	2096.091124	2039.50985	14.29346348	0.15%
2018	9	2,074.0	2061.465116	2089.74974	2033.180491	14.29042577	0.60%
2018	10	2,063.0	2066.615679	2094.898593	2038.332765	14.28956146	0.18%
2018	11	2,051.0	2056.87103	2085.151384	2028.590676	14.28826802	0.29%
2018	12	2,065.0	2040.724699	2068.999531	2012.449867	14.28547795	1.18%
2019	1	2,044.0	2062.176011	2090.453812	2033.89821	14.28697818	0.89%
2019	2	2,041.0	2050.054637	2078.333713	2021.77556	14.28762265	0.44%
2019	3	2,031.0	2035.936355	2064.210764	2007.661947	14.28526403	0.24%
2019	4	2,024.0	2024.536017	2052.80536	1996.266674	14.28270486	0.03%
2019	5	2,035.0	2041.036938	2069.312193	2012.761683	14.28569197	0.30%
2019	6	2,026.0	2018.695834	2046.962235	1990.429432	14.28121869	0.36%
2019	7	2,030.0	2022.097929	2050.363073	1993.832785	14.28058327	0.39%
2019	8	2,020.0	2015.962283	2044.223247	1987.701319	14.27847174	0.20%
2019	9	2,005.0	2008.977928	2037.235978	1980.719877	14.27699966	0.20%
2019	10	2,008.0	2015.510514	2043.773148	1987.24788	14.27931515	0.37%
2019	11	2,010.0	2002.334343	2030.593225	1974.075461	14.27741975	0.38%
2019	12	2,021.0	2012.191058	2040.451606	1983.930511	14.27826114	0.44%
2020	1	2,015.0	2006.09247	2034.34886	1977.83608	14.27616068	0.44%
2020	2	2,012.0	1993.347787	2021.597978	1965.097595	14.27302886	0.93%
2020	3	2,004.0	2002.722859	2030.974287	1974.471432	14.27365341	0.06%
2020	4	1,998.0	1998.775595	2027.027847	1970.523342	14.27407028	0.04%
2020	5	1,994.0	2005.355826	2033.612631	1977.099021	14.27637027	0.57%
2020	6	2,009.0	1991.368003	2019.622322	1963.113684	14.27511422	0.88%
2020	7	2,002.0	1999.712411	2027.96549	1971.459332	14.27448756	0.11%
2020	8	2,006.0	1989.613619	2017.863399	1961.363839	14.27282088	0.82%
2020	9	1,993.0	1990.113928	2018.361242	1961.866613	14.2715751	0.14%
2020	10	2,005.0	1982.339095	2010.584769	1954.093421	14.27074659	1.13%
2020	11	1,985.0	2005.81612	2034.06796	1977.56428	14.2738618	1.05%
2020	12	1,973.0	1980.052814	2008.301771	1951.803856	14.27240521	0.36%
2021	1	1,955.0	1981.274952	2009.525555	1953.024349	14.27323694	1.34%
2021	2	1,955.0	1956.536395	1984.78166	1928.29113	14.27053972	0.08%
2021	3	1,944.0	1975.374199	2003.624391	1947.124008	14.27302886	1.61%
2021	4	1,951.0	1943.206254	1971.44825	1914.964258	14.26888836	0.40%
2021	5	1,946.0	1945.806663	1974.043781	1917.569546	14.26642341	0.01%
2021	6	1,940.0	1931.701754	1959.931607	1903.471901	14.26275322	0.43%
2021	7	1,947.8	1938.090338	1966.320191	1909.860484	14.26275322	0.50%
2021	8		1931.429426	1959.654872	1903.20398	14.26052643	
2021	9		1935.38397	1967.368677	1903.399262	16.1598429	
2021	10		1928.824485	1961.823632	1895.825339	16.67237432	
2021	11		1922.014177	1955.302122	1888.726232	16.8182859	
2021	12		1929.298946	1962.673971	1895.92392	16.86228241	
2022	1		1912.804252	1946.19836	1879.410144	16.87192332	
2022	2		1916.582954	1949.985572	1883.180336	16.87622296	
2022	3		1910.01366	1943.416174	1876.611147	16.87617005	
2022	4		1903.230052	1936.630899	1869.829204	16.8753286	
2022	5		1910.42182	1943.825283	1877.018357	16.87664989	
2022	6		1894.07705	1927.475061	1860.679039	16.87389547	

2022	7	1897.812416	1931.211699	1864.413132	16.87453814
2022	8	1891.304074	1924.701179	1857.90697	16.87343728
2022	9	1884.585085	1917.979944	1851.190227	16.87230274
2022	10	1891.705396	1925.102637	1858.308154	16.87350656
2022	11	1875.520227	1908.912067	1842.128387	16.87077758
2022	12	1879.218705	1912.611775	1845.825634	16.87139925
2023	1	1872.773972	1906.164901	1839.383044	16.87031688
2023	2	1866.120729	1899.509453	1832.732005	16.86920332
2023	3	1873.171231	1906.562291	1839.780171	16.87038352
2023	4	1857.144614	1890.530377	1823.758851	16.86770712
2023	5	1860.806842	1894.193811	1827.419872	16.86831671
2023	6	1854.425245	1887.810114	1821.040377	16.86725523
2023	7	1847.837184	1881.219891	1814.454477	16.86616316
2023	8	1854.818606	1888.203604	1821.433608	16.86732056
2023	9	1838.94901	1872.328813	1805.569208	16.86469587
2023	10	1842.575356	1875.956342	1809.19437	16.86529368
2023	11	1836.256284	1869.63521	1802.877359	16.86425271
2023	12	1829.73277	1863.109576	1796.355964	16.86318175
2024	1	1836.64579	1870.024843	1803.266738	16.86431677
2024	2	1820.931679	1854.305637	1787.557721	16.86174281
2024	3	1824.522495	1857.897614	1791.147377	16.86232907
2024	4	1818.265335	1851.638433	1784.892237	16.86130822
2024	5	1811.805736	1845.176755	1778.434717	16.86025795
2024	6	1818.651025	1852.024247	1785.277803	16.86137104
2024	7	1803.090875	1836.459101	1769.722649	16.85884683
2024	8	1806.64651	1840.015874	1773.277146	16.85942175
2024	9	1800.450655	1833.818037	1767.083272	16.85842064
2024	10	1794.054344	1827.419688	1760.689	16.85739068
2024	11	1800.832566	1834.20007	1767.465062	16.85848225
2024	12	1785.424868	1818.787473	1752.062263	16.85600683
2025	1	1788.945666	1822.309387	1755.581945	16.85657064
2025	2	1782.810516	1816.172293	1749.448738	16.85558888
2025	3	1776.476874	1809.836652	1743.117095	16.85457884
2025	4	1783.188685	1816.550582	1749.826788	16.8556493
2025	5	1767.931946	1801.289039	1734.574854	16.85322175
2025	6	1771.418249	1804.776435	1738.060062	16.85377466
2025	7	1765.343208	1798.699489	1731.986927	16.85281188
2025	8	1759.071621	1792.425941	1725.7173	16.85182137
2025	9	1765.717673	1799.074071	1732.361274	16.85287114
2025	10	1750.610413	1783.9621	1717.258727	16.85049053
2025	11	1754.062558	1787.415318	1720.709799	16.85103275
2025	12	1748.047039	1781.39793	1714.696148	16.85008859
2026	1	1741.836898	1775.185867	1708.48793	16.84911723
2026	2	1748.417834	1781.76884	1715.066828	16.8501467
2026	3	1733.45859	1766.804976	1700.112205	16.84781214
2026	4	1736.876913	1770.22435	1703.529475	16.84834386
2026	5	1730.920331	1764.265936	1697.574726	16.84741797

2026	6	1724.771035	1758.114755	1691.427315	16.84646541
2026	7	1731.287494	1764.633211	1697.941776	16.84747495
2026	8	1716.474815	1749.816001	1683.133628	16.84518556
2026	9	1719.859645	1753.201864	1686.517427	16.845707
2026	10	1713.961424	1747.301846	1680.621003	16.84479902
2026	11	1707.872376	1741.210949	1674.533804	16.84386488
2026	12	1714.324989	1747.665521	1680.984457	16.8448549
2027	1	1699.657439	1732.993528	1666.321351	16.84260979
2027	2	1703.009107	1736.346207	1669.672006	16.84312115
2027	3	1697.168674	1730.504012	1663.833336	16.84223073
2027	4	1691.139285	1724.47281	1657.80576	16.84131467
2027	5	1697.528677	1730.864124	1664.193231	16.84228553
2027	6	1683.004835	1716.335923	1649.673746	16.84008387
2027	7	1686.323664	1719.655745	1652.991582	16.84058533
2027	8	1680.540453	1713.870807	1647.2101	16.83971215
2027	9	1674.570138	1707.898713	1641.241562	16.83881382
2027	10	1680.896929	1714.227389	1647.56647	16.83976589
2027	11	1666.515386	1699.841572	1633.189199	16.83760684
2027	12	1669.801698	1703.128858	1636.474539	16.83809859
2028	1	1664.07515	1697.400614	1630.749685	16.83724231
2028	2	1658.163329	1691.48705	1624.839608	16.83636137
2028	3	1664.428133	1697.753702	1631.102564	16.83729501
2028	4	1650.187494	1683.508873	1616.866116	16.83517775
2028	5	1653.441609	1686.763942	1620.119276	16.83565999
2028	6	1647.771167	1681.091837	1614.450496	16.83482028
2028	7	1641.917267	1675.236228	1608.598307	16.83395639
2028	8	1648.120691	1681.441465	1614.799918	16.83487196
2028	9	1634.019577	1667.336241	1600.702914	16.83279569
2028	10	1637.241809	1670.559409	1603.92421	16.83326859
2028	11	1631.626924	1664.942894	1598.310954	16.83244514
2028	12	1625.830379	1659.144672	1592.516086	16.83159798
2029	1	1631.973024	1665.289094	1598.656954	16.83249582
2029	2	1618.010068	1651.322108	1584.698027	16.83045975
2029	3	1621.200729	1654.513687	1587.887771	16.83092349
2029	4	1615.640857	1648.952216	1582.329497	16.83011599
2029	5	1609.901104	1643.21082	1576.591389	16.82928523
2029	6	1615.983566	1649.295024	1582.672108	16.83016568
2029	7	1602.157413	1635.464919	1568.849907	16.82816904
2029	8	1605.316814	1638.62522	1572.008407	16.8286238
2029	9	1599.811415	1633.118254	1566.504576	16.82783194
2029	10	1594.127898	1627.433125	1560.822671	16.82701727
2029	11	1600.150766	1633.457702	1566.843831	16.82788067
2029	12	1586.460077	1619.763137	1553.157017	16.8259227
2030	1	1589.588523	1622.892466	1556.28458	16.82636865
2030	2	1584.137064	1617.439469	1550.834658	16.82559212
2030	3	1578.509232	1611.810057	1545.208407	16.82479323
2030	4	1584.47309	1617.775591	1551.17059	16.82563991

2030	5	1570.916537	1604.215237	1537.617837	16.82371987
2030	6	1574.014332	1607.313898	1540.714766	16.82415718
2030	7	1568.616284	1601.914342	1535.318225	16.8233957
2030	8	1563.043592	1596.3401	1529.747084	16.82261228
2030	9	1568.949018	1602.24717	1535.650867	16.82344256
2030	10	1555.525287	1588.819712	1522.230863	16.82155971
2030	11	1558.592731	1591.888004	1525.297458	16.82198855
2030	12	1553.247571	1586.541366	1519.953776	16.82124182
2031	1	1547.729478	1581.021753	1514.437203	16.82047358
2031	2	1553.577046	1586.870932	1520.283159	16.82128777
2031	3	1540.284835	1573.575067	1506.994603	16.81944141
2031	4	1543.322225	1576.613289	1510.031161	16.81986194
2031	5	1538.029435	1571.31905	1504.73982	16.81912967
2031	6	1532.565406	1565.85353	1499.277282	16.81837632
2031	7	1538.355682	1571.645386	1505.065977	16.81917474
2031	8	1525.193703	1558.479823	1491.907583	16.81736415
2031	9	1528.201334	1561.488271	1494.914397	16.81777653
2031	10	1522.960401	1556.245916	1489.674885	16.81705845
2031	11	1517.549906	1550.83396	1484.265853	16.8163197
2031	12	1523.283451	1556.569054	1489.997848	16.81710264
2032	1	1510.250428	1543.532517	1476.96834	16.81532714
2032	2	1513.228592	1546.511481	1479.945703	16.81573153
2032	3	1508.039007	1541.320502	1474.757512	16.81502737
2032	4	1502.681523	1535.961584	1469.401461	16.81430294
2032	5	1508.358892	1541.640473	1475.077311	16.81507071
2032	6	1495.453562	1528.731697	1462.175427	16.81332962
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2032	8	1493.263808	1526.541361	1459.986254	16.81303566
2032	9	1487.958814	1521.234961	1454.682667	16.81232527
2032	10	1493.580558	1526.858196	1460.302921	16.81307816
2032	11	1480.80167	1514.075928	1447.527412	16.81137082
2032	12	1483.721761	1516.996789	1450.446734	16.81175968
2033	1	1478.63337	1511.907057	1445.359682	16.81108256
2033	2	1473.380353	1506.652661	1440.108044	16.81038594
2033	3	1478.947017	1512.220787	1445.673247	16.81112423
2033	4	1466.293332	1499.563788	1433.022876	16.80944999
2033	5	1469.184813	1502.456024	1435.913602	16.80983131
2033	6	1464.146276	1497.416173	1430.876379	16.80916731
2033	7	1458.944726	1492.21327	1425.676181	16.8084842
2033	8	1464.45685	1497.726828	1431.186873	16.80920818
2033	9	1451.927141	1485.193869	1418.660413	16.8075664
2033	10	1454.790293	1488.057761	1421.522824	16.80794033
2033	11	1449.801121	1483.0673	1416.534941	16.80728921
2033	12	1444.650533	1477.915387	1411.38568	16.80661934
2034	1	1450.108652	1483.374911	1416.842394	16.80732928
2034	2	1437.701704	1470.964777	1404.438632	16.80571933
2034	3	1440.536804	1473.800602	1407.273006	16.80608601

2034	4	1435.596514	1468.859049	1402.33398	16.80544752
2034	5	1430.49639	1463.757624	1397.235156	16.80479064
2034	6	1435.901033	1469.163645	1402.638421	16.80548681
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2034	8	1426.422966	1459.683165	1393.162767	16.80426766
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2034	10	1416.480924	1449.738609	1383.22324	16.8029974
2034	11	1421.832614	1455.09165	1388.573578	16.80368007
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2035	2	1407.603452	1440.858906	1374.347997	16.8018706
2035	3	1402.602777	1435.856981	1369.348572	16.80123895
2035	4	1407.902032	1441.157562	1374.646503	16.80190838
2035	5	1395.856199	1429.108724	1362.603674	16.8003903
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2035	8	1388.860602	1422.111393	1355.60981	16.79951461
2035	9	1394.107937	1427.360028	1360.855847	16.80017105
2035	10	1382.180125	1415.429269	1348.93098	16.79868242
2035	11	1384.905737	1418.155553	1351.655922	16.79902147
2035	12	1380.156233	1413.40488	1346.907587	16.79843109
2036	1	1375.253067	1408.500512	1342.005623	16.79782371
2036	2	1380.448992	1413.69771	1347.200273	16.79846742
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2036	6	1361.778855	1395.023018	1328.534692	16.79616563
2036	7	1366.923871	1400.169284	1333.678459	16.79679685
2036	8	1355.228642	1388.471221	1321.986063	16.79536542
2036	9	1357.901107	1391.144332	1324.657883	16.79569144
2036	10	1353.244215	1386.486316	1320.002114	16.79512375
2036	11	1348.436657	1381.677602	1315.195713	16.79453971
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2037	10	1327.138414	1360.374286	1293.902541	16.79197711
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2037	12	1318.378265	1351.612074	1285.144455	16.79093482
2038	1	1313.856915	1347.089665	1280.624165	16.79039954
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2039	3	1280.005768	1313.2307	1246.780835	16.78644982
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2039	5	1271.084241	1304.307147	1237.861335	16.78542588
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2039	9	1263.118009	1296.339117	1229.896901	16.78451758
2039	10	1258.630635	1291.850736	1225.410535	16.78400843
2039	11	1263.385942	1296.60711	1230.164773	16.78454804
2039	12	1252.57657	1285.795316	1219.357823	16.78332437
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2041	1	1221.997142	1255.209149	1188.785136	16.7799191
2041	2	1226.614042	1259.827055	1193.401028	16.78042788
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2042	9	1174.805704	1208.007633	1141.603774	16.77482782
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2042	12	1171.460374	1204.661604	1138.259144	16.77447446
2043	1	1167.442876	1200.643269	1134.242483	16.77405142
2043	2	1163.295399	1196.49493	1130.095868	16.77361621
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2043	5	1159.982845	1193.181691	1126.784	16.77326971
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2043	8	1156.249921	1189.447996	1123.051846	16.77288042
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2048	12	1013.504092	1046.674554	980.3336294	16.75892952
2049	1	1017.333271	1050.504427	984.1621151	16.75927993
2049	2	1008.629095	1041.798678	975.4595119	16.7584853
2049	3	1010.618078	1043.788019	977.4481365	16.75866628
2049	4	1007.152185	1040.321503	973.9828675	16.75835114
2049	5	1003.57416	1036.742836	970.4054837	16.75802693
2049	6	1007.365822	1040.535178	974.196466	16.75837053
2049	7	998.7469263	1031.91474	965.5791124	16.75759135
2049	8	1000.716422	1033.884587	967.5482567	16.75776881
2049	9	997.2844866	1030.45204	964.1169331	16.7574598
2049	10	993.7415172	1026.908441	960.5745929	16.75714189
2049	11	997.4960303	1030.663621	964.3284392	16.75747881

2049	12	988.9615793	1022.127658	955.7955003	16.75671478
2050	1	990.9117784	1024.078202	957.7453551	16.75688879
2050	2	987.5134679	1020.679292	954.3476444	16.75658579
2050	3	984.0052113	1017.170418	950.8400046	16.75627407
2050	4	987.7229391	1020.8888	954.5570786	16.75660444
2050	5	979.2721054	1012.436483	946.1077277	16.75585526
2050	6	981.2031972	1014.367913	948.0384818	16.75602589
2050	7	977.8381821	1011.002309	944.6740548	16.75572878
2050	8	974.364298	1007.52782	941.2007756	16.75542312
2050	9	978.0456009	1011.209764	944.8814374	16.75574706
2050	10	969.6775653	1002.840275	936.5148557	16.75501246
2050	11	971.589737	1004.752778	938.4266963	16.75517977
2050	12	968.2576911	1001.420155	935.095227	16.75488844

Year	Month	CUST_OPA	LogTrendVar	12-Aug	12-Nov	13-Dec	14-Jan	14-Sep	17-Oct	18-Oct	20-Feb	21-Jan	21-Jul	XMissing	YMissing
2010	12	23,608	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	1	23,682	2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	23,662	2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	23,613	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	23,589	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	23,634	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	23,635	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	23,575	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	23,621	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	23,648	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	23,726	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	23,720	2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	23,811	2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	23,810	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	23,861	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	23,833	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	23,809	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	23,866	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	23,920	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	23,934	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	24,073	2.54	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	23,975	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	24,021	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	24,155	2.56	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	23,985	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	23,976	2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	24,035	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	24,060	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	24,042	2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	24,098	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	24,085	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	24,023	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	24,119	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	24,122	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	24,168	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	24,280	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	24,154	2.64	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	24,364	2.64	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	24,147	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	24,300	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	24,172	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	24,211	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	24,221	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	24,210	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	24,286	2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	24,149	2.69	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0

	Cust_OPA
2010-2020 APCT	**0.74%**
2015-2020 APCT	**0.93%**
2020--2025 APCT	
2025-2030 APCT	
2030-2035 APCT	
2035-2050 APCT	

2014	10	24,207	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	11	24,266	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	24,286	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	24,278	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	24,244	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	24,282	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	24,295	2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	24,296	2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	24,308	2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	24,312	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	24,289	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	24,320	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	24,324	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	24,333	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	24,400	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	24,412	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	24,412	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	24,462	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	24,471	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	24,459	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	24,474	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	24,473	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	24,532	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	24,519	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	24,515	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	24,556	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	24,536	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	24,598	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	24,628	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	24,633	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	24,674	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	24,710	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	24,722	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	24,767	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	24,766	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	24,824	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	24,925	2.88	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2017	11	24,886	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	24,880	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	24,911	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	24,923	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	24,917	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	24,940	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	24,938	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	25,009	2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	25,012	2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	25,030	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	25,098	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	24,894	2.94	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2018	11	25,152	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	25,110	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	25,192	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	25,178	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	25,188	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	25,158	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	25,151	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	25,165	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	25,198	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	25,141	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	25,176	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	25,157	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	25,221	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	25,213	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	25,294	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	25,183	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2020	3	25,259	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	25,235	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	5	25,264	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	6	25,351	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	7	25,328	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	25,383	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	25,376	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	25,427	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	25,400	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	25,413	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	1	25,571	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2021	2	25,529	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	3	25,509	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	4	25,593	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	5	25,586	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	6	25,535	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	7	25,781	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	8		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	9		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	10		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	11		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	12		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	1		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	2		3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	3		3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	4		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	5		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	6		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	7		3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2022	8	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	9	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	10	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	11	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	12	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	1	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	2	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	3	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	4	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	5	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	6	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	7	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	8	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	9	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	10	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	11	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	12	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	1	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	2	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	3	3.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	4	3.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	5	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	6	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	7	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	8	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	9	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	10	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	11	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	12	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	1	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	2	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	3	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	4	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	5	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	6	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	7	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	8	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	9	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	10	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	11	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	12	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	1	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	2	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	3	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	4	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	5	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	6	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2026	7	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	8	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	9	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	10	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	11	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	12	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	1	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	2	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	3	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	4	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	5	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	6	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	7	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	8	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	9	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	10	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	11	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	12	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	1	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	2	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	3	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	4	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	5	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	6	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	7	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	8	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	9	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	10	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	11	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	12	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	1	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	2	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	3	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	4	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	5	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	6	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	7	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	8	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	9	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	10	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	11	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	12	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	1	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	2	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	3	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	4	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	5	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2030	6	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	7	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	8	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	9	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	10	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	11	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	12	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	1	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	2	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	3	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	4	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	5	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	6	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	7	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	8	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	9	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	10	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	11	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	12	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	1	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	2	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	3	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	4	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	5	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	6	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	7	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	8	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	9	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	10	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	11	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	12	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	1	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	2	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	3	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	4	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	5	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	6	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	7	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	8	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	9	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	10	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	11	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	12	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	1	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	2	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	3	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	4	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2034	5	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	6	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	7	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	8	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	9	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	10	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	11	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	12	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	1	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	2	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	3	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	4	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	5	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	6	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	7	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	8	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	9	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	10	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	11	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	12	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	1	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	2	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	3	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	4	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	5	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	6	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	7	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	8	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	9	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	10	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	11	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	12	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	1	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	2	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	3	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	4	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	5	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	6	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	7	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	8	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	9	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	10	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	11	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	12	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	1	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	2	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	3	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2038	4	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	5	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	6	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	7	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	8	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	9	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	10	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	11	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	12	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	1	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	2	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	3	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	4	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	5	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	6	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	7	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	8	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	9	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	10	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	11	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	12	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	1	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	2	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	3	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	4	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	5	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	6	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	7	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	8	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	9	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	10	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	11	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	12	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	1	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	2	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	3	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	4	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	5	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	6	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	7	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	8	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	9	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	10	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	11	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	12	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	1	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	2	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2042	3	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	4	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	5	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	6	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	7	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	8	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	9	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	10	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	11	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	12	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	1	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	2	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	3	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	4	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	5	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	6	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	7	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	8	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	9	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	10	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	11	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	12	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	1	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	2	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	3	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	4	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	5	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	6	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	7	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	8	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	9	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	10	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	11	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	12	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	1	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	2	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	3	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	4	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	5	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	6	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	7	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	8	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	9	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	10	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	11	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	12	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	1	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2046	2	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	3	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	4	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	5	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	6	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	7	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	8	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	9	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	10	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	11	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	12	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	1	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	2	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	3	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	4	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	5	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	6	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	7	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	8	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	9	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	10	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	11	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	12	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	1	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	2	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	3	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	4	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	5	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	6	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	7	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	8	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	9	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	10	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	11	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	12	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	1	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	2	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	3	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	4	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	5	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	6	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	7	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	8	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	9	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	10	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	11	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	12	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2050	1	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	2	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	3	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	4	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	5	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	6	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	7	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	8	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	9	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	10	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	11	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	12	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

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Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
CUST_OPA	128	24,549.6	577.4	23,575.0	25,780.9	0.158	1.917	6.8	3.35E-02	1.000		EDB Adj
LogTrendVar	128	2.8	0.2	2.4	3.1	-0.235	1.876	7.9	1.91E-02	0.981		
44420	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.074		
44512	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.061		
44543	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.061		
44210	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.029		
44453	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.062		
44486	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.058		
44487	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.053		
44247	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.098		
44217	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.158		
44398	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.190		

	CUST_OPA	LogTrendVar	12-Aug	12-Nov	13-Dec	14-Jan	14-Sep	17-Oct	18-Oct	20-Feb	21-Jan	21-Jul
CUST_OPA	1.000	0.981	-0.074	-0.061	-0.061	-0.029	-0.062	0.058	0.053	0.098	0.158	0.190
LogTrendVar	0.981	1.000	-0.107	-0.098	-0.061	-0.058	-0.037	0.050	0.075	0.106	0.126	0.137
44420	-0.074	-0.107	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44512	-0.061	-0.098	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44543	-0.061	-0.061	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44210	-0.029	-0.058	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44453	-0.062	-0.037	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008
44486	0.058	0.050	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008
44487	0.053	0.075	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008
44247	0.098	0.106	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008
44217	0.158	0.126	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008
44398	0.190	0.137	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
mCALENDAR.LogTrendVar	7917.791	306.450	25.837	0.00%		
MBin.Aug12	118.533	30.677	3.864	0.02%		
MBin.Nov12	152.034	30.678	4.956	0.00%		
MBin.Dec13	-81.595	35.424	-2.303	2.30%		
MBin.Jan14	172.736	35.424	4.876	0.00%		
MBin.Sep14	-97.471	30.678	-3.177	0.19%		
MBin.Oct17	70.022	30.677	2.283	2.43%		
MBin.Oct18	-230.978	30.677	-7.529	0.00%		
MBin.Feb20	-93.488	30.677	-3.047	0.29%		
MBin.Jan21	100.009	30.677	3.260	0.15%		
MBin.Jul21	227.966	43.691	5.218	0.00%		
AR(1)	0.990	0.004	267.655	0.00%		

Model Statistics	
Iterations	13
Adjusted Observations	127
Deg. of Freedom for Error	115
R-Squared	0.995
Adjusted R-Squared	0.994
AIC	7.63
BIC	7.90
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-652.60
Model Sum of Squares	41,234,962.13
Sum of Squared Errors	216,107.43
Mean Squared Error	1,879.20
Std. Error of Regression	43.35
Mean Abs. Dev. (MAD)	32.92
Mean Abs. % Err. (MAPE)	0.13%
Durbin-Watson Statistic	2.640
Durbin-H Statistic	#NA
Ljung-Box Statistic	35.36
Prob (Ljung-Box)	0.0633
Skewness	0.159
Kurtosis	3.729
Jarque-Bera	3.349
Prob (Jarque-Bera)	0.1874

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

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Cust_OPA	
2010-2020 APCT	**0.74%**
2015-2020 APCT	**0.93%**
2020--2025 APCT	
2025-2030 APCT	
2030-2035 APCT	
2035-2050 APCT	

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	23,608.0				
2011	1	23,682.0	23620.38921	61.61079007	0.002601587	1.42125123
2011	2	23,662.0	23693.79562	-31.79561964	-0.001343742	-0.733468333
2011	3	23,613.0	23674.16745	-61.16745223	-0.002590414	-1.411024215
2011	4	23,589.0	23625.83848	-36.8384794	-0.00156168	-0.849798129
2011	5	23,634.0	23602.25521	31.74479137	0.001343183	0.732295816
2011	6	23,635.0	23646.96663	-11.96663455	-0.00050631	-0.276048953
2011	7	23,575.0	23648.13076	-73.13076072	-0.003102047	-1.686996441
2011	8	23,621.0	23588.92174	32.07825783	0.00135804	0.739988293
2011	9	23,648.0	23634.62802	13.3719781	0.000565459	0.308467726
2011	10	23,726.0	23661.53059	64.46940799	0.002717247	1.487194455
2011	11	23,720.0	23738.912	-18.91199944	-0.000797302	-0.436266154
2011	12	23,811.0	23733.15573	77.8442749	0.003269257	1.795728821
2012	1	23,810.0	23823.40674	-13.40674236	-0.000563072	-0.309269676
2012	2	23,861.0	23822.60195	38.39804769	0.001609239	0.885774593
2012	3	23,833.0	23873.26552	-40.26552476	-0.001689486	-0.928853964
2012	4	23,809.0	23845.73995	-36.7399545	-0.001543112	-0.847525335
2012	5	23,866.0	23822.17457	43.82542978	0.001836312	1.010974634
2012	6	23,920.0	23878.78019	41.21980703	0.001723236	0.950867557
2012	7	23,934.0	23932.41765	1.582354463	6.61132E-05	0.0365021
2012	8	24,073.0	24064.99907	8.00092613	0.000332361	0.18456712
2012	9	23,975.0	23966.91622	8.083775061	0.000337175	0.186478298
2012	10	24,021.0	23987.43265	33.56735133	0.001397417	0.774339029
2012	11	24,155.0	24185.18991	-30.18991203	-0.001249841	-0.696427518
2012	12	23,985.0	24015.50253	-30.50252609	-0.001271733	-0.703638967
2013	1	23,976.0	23997.91705	-21.91704921	-0.000914125	-0.505587302
2013	2	24,035.0	23989.20656	45.79344226	0.001905282	1.056373178
2013	3	24,060.0	24047.79993	12.20006689	0.000507068	0.281433821
2013	4	24,042.0	24072.74248	-30.74248232	-0.001278699	-0.70917433
2013	5	24,098.0	24055.12641	42.8735922	0.001779135	0.989017436
2013	6	24,085.0	24110.75261	-25.75260866	-0.001069238	-0.59406683
2013	7	24,023.0	24098.08658	-75.0865815	-0.003125612	-1.732113744
2013	8	24,119.0	24036.92333	82.07667312	0.003402988	1.893362712
2013	9	24,122.0	24132.14139	-10.14138662	-0.000420421	-0.233943733
2013	10	24,168.0	24135.31309	32.68690741	0.001352487	0.754028755
2013	11	24,280.0	24181.04463	98.95537176	0.004075592	2.282724238
2013	12	24,154.0	24210.50534	-56.50534462	-0.002339378	-1.303477693
2014	1	24,364.0	24421.09045	-57.09045281	-0.00234323	-1.316975097
2014	2	24,147.0	24204.68162	-57.68161975	-0.00238877	-1.330612266
2014	3	24,300.0	24161.07631	138.9236909	0.005717024	3.204722196
2014	4	24,172.0	24312.71344	-140.7134404	-0.00582134	-3.246008532
2014	5	24,211.0	24186.23075	24.76924992	0.001023058	0.571382494
2014	6	24,221.0	24225.03691	-4.03691123	-0.00016667	-0.093124354
2014	7	24,210.0	24235.1406	-25.14059827	-0.001038439	-0.579948839
2014	8	24,286.0	24224.4598	61.54019715	0.002533978	1.419622777
2014	9	24,149.0	24202.41717	-53.41717139	-0.002211983	-1.232239035

2014	10	24,207.0	24260.9703	-53.9703018	-0.002229533	-1.244998769
2014	11	24,266.0	24222.11157	43.88843405	0.001808639	1.012428031
2014	12	24,286.0	24280.71438	5.285615279	0.00021764	0.121929734
2015	1	24,278.0	24300.7171	-22.71709856	-0.000935707	-0.524043016
2015	2	24,244.0	24293.00696	-49.00695733	-0.002021406	-1.130503249
2015	3	24,282.0	24259.56345	22.43655252	0.000923999	0.517571319
2015	4	24,295.0	24297.3822	-2.382204949	-9.80533E-05	-0.054953227
2015	5	24,296.0	24310.45731	-14.45731352	-0.000595049	-0.333504482
2015	6	24,308.0	24311.65553	-3.655528195	-0.000150384	-0.084326527
2015	7	24,312.0	24323.74112	-11.74111994	-0.000482935	-0.270846732
2015	8	24,289.0	24327.9088	-38.90879501	-0.00160191	-0.897556624
2015	9	24,320.0	24305.35326	14.64673993	0.000602251	0.337874212
2015	10	24,324.0	24336.24438	-12.24437743	-0.000503387	-0.282455986
2015	11	24,333.0	24340.41226	-7.412258369	-0.000304618	-0.170987603
2015	12	24,400.0	24349.52894	50.47106006	0.002068486	1.164277492
2016	1	24,412.0	24416.05124	-4.051242192	-0.000165953	-0.093454944
2016	2	24,412.0	24428.13723	-16.13722788	-0.000661037	-0.372257115
2016	3	24,462.0	24428.3462	33.65379775	0.001375758	0.776333194
2016	4	24,471.0	24478.04275	-7.0427504	-0.0002878	-0.162463712
2016	5	24,459.0	24487.15947	-28.15947028	-0.001151293	-0.649588842
2016	6	24,474.0	24475.49138	-1.491382467	-6.09374E-05	-0.034403538
2016	7	24,473.0	24490.54655	-17.5465513	-0.000716976	-0.404767697
2016	8	24,532.0	24489.76565	42.23434981	0.001721602	0.974271252
2016	9	24,519.0	24548.36979	-29.36978756	-0.001197838	-0.677508707
2016	10	24,515.0	24535.71175	-20.71174928	-0.00084486	-0.477783179
2016	11	24,556.0	24531.9614	24.0385979	0.00097893	0.554527653
2016	12	24,536.0	24572.74979	-36.74979318	-0.001497791	-0.847752296
2017	1	24,598.0	24553.16325	44.83675042	0.00182278	1.034304001
2017	2	24,628.0	24614.73624	13.26376493	0.000538564	0.305971441
2017	3	24,633.0	24644.63706	-11.63706479	-0.000472418	-0.268446365
2017	4	24,674.0	24649.79399	24.20600808	0.000981033	0.558389508
2017	5	24,710.0	24690.58185	19.41814631	0.000785842	0.447942062
2017	6	24,722.0	24726.42083	-4.420829256	-0.000178822	-0.10198066
2017	7	24,767.0	24738.50563	28.49436787	0.001150497	0.657314333
2017	8	24,766.0	24783.25209	-17.252094	-0.000696604	-0.397975091
2017	9	24,824.0	24782.46984	41.53016432	0.001672984	0.958026947
2017	10	24,925.0	24910.10473	14.89526659	0.000597603	0.343607279
2017	11	24,886.0	24870.95049	15.04950585	0.000604738	0.347165304
2017	12	24,880.0	24901.86155	-21.8615462	-0.00087868	-0.504306947
2018	1	24,911.0	24896.12987	14.87012675	0.00059693	0.343027348
2018	2	24,923.0	24927.01883	-4.018829015	-0.00016125	-0.09270723
2018	3	24,917.0	24939.10232	-22.10232116	-0.000887038	-0.509861196
2018	4	24,940.0	24933.3701	6.629904029	0.000265834	0.152940081
2018	5	24,938.0	24956.34047	-18.3404713	-0.000735443	-0.423082018
2018	6	25,009.0	24954.56686	54.4331416	0.002176542	1.255675659
2018	7	25,012.0	25025.0449	-13.04490459	-0.000521546	-0.300922722
2018	8	25,030.0	25028.21964	1.780363595	7.11292E-05	0.041069818

2018	9	25,098.0	25046.24043	51.75957181	0.002062299	1.194001164
2018	10	24,894.0	24882.77089	11.22910935	0.000451077	0.259035559
2018	11	25,152.0	25140.65461	11.34538585	0.000451073	0.261717851
2018	12	25,110.0	25167.60459	-57.60458659	-0.002294089	-1.328835248
2019	1	25,192.0	25126.23939	65.76060994	0.002610377	1.516980185
2019	2	25,178.0	25207.60315	-29.60315236	-0.001175755	-0.682892017
2019	3	25,188.0	25193.95053	-5.950528366	-0.000236245	-0.137268095
2019	4	25,158.0	25204.0517	-46.05170078	-0.001830499	-1.062330742
2019	5	25,151.0	25174.56257	-23.56256684	-0.000936844	-0.543546464
2019	6	25,165.0	25167.83747	-2.837470996	-0.000112755	-0.065455404
2019	7	25,198.0	25181.89691	16.10309305	0.000639062	0.371469685
2019	8	25,141.0	25214.76137	-73.76136849	-0.002933908	-1.70154344
2019	9	25,176.0	25158.54793	17.45206655	0.000693203	0.402588102
2019	10	25,157.0	25193.39138	-36.39138142	-0.001446571	-0.839484375
2019	11	25,221.0	25174.78798	46.21201699	0.001832283	1.066028952
2019	12	25,213.0	25238.3337	-25.33369816	-0.001004787	-0.58440331
2020	1	25,294.0	25230.61703	63.3829663	0.00250585	1.46213218
2020	2	25,183.0	25217.4995	-34.49950258	-0.001369952	-0.795842098
2020	3	25,259.0	25293.85674	-34.85674209	-0.001379973	-0.804082978
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2020	5	25,264.0	25253.19423	10.80576774	0.000427714	0.249269822
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2020	8	25,383.0	25345.8402	37.15980178	0.001463964	0.857210465
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2020	10	25,427.0	25393.74623	33.25377055	0.001307813	0.767105279
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2020	12	25,413.0	25417.89707	-4.897066814	-0.000192699	-0.112966612
2021	1	25,571.0	25530.97072	40.02927627	0.001565417	0.923404132
2021	2	25,529.0	25488.55622	40.44377613	0.001584229	0.932965906
2021	3	25,509.0	25546.16802	-37.16801942	-0.001457055	-0.857400031
2021	4	25,593.0	25526.57006	66.42993635	0.002595629	1.532420354
2021	5	25,586.0	25609.90597	-23.90597083	-0.000934338	-0.551468183
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2021	7	25,780.9	25780.85933	-3.53757E-08	-1.37217E-12	-8.16055E-10
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2021	12		25642.53709			
2022	1		25660.4987			
2022	2		25678.47028			
2022	3		25696.4514			
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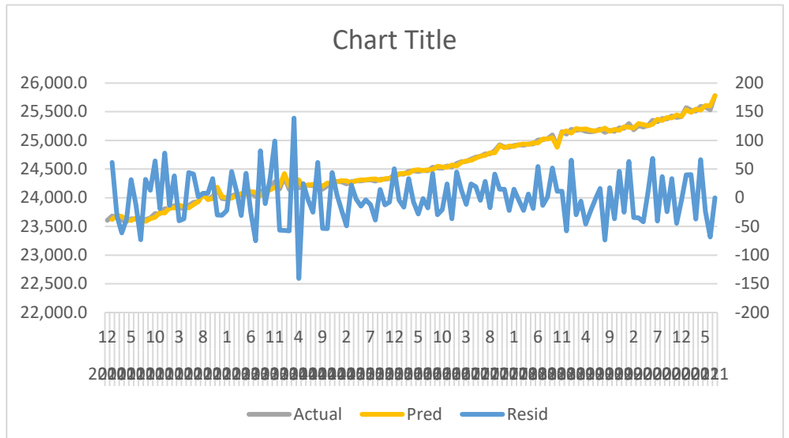
2022	5		25732.44065			
2022	6		25750.44798			
2022	7		25768.46324			



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2050	6	31087.84046
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2050	8	31113.22573
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2050	10	31138.53966
2050	11	31151.16996
2050	12	31163.78252

Predicted

0.90%
0.84%
0.75%
0.72%
0.58%

Variable	Coefficient	Mean	Elast	Units	Definition
LogTrendVar	7917.791	2.772	0.894		
44420	118.533	0.008	0.000		
44512	152.034	0.008	0.000		
44543	-81.595	0.008	-0.000		
44210	172.736	0.008	0.000		
44453	-97.471	0.008	-0.000		
44486	70.022	0.008	0.000		
44487	-230.978	0.008	-0.000		
44247	-93.488	0.008	-0.000		
44217	100.009	0.008	0.000		
44398	227.966	0.008	0.000		

Year	Month	Pred	LogTrendVar	12-Aug	12-Nov	13-Dec	14-Jan	14-Sep	17-Oct	18-Oct	20-Feb	21-Jan	21-Jul	ARMA	X-Missing
2010	12		18,986.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
2011	1	23,620.4	19,045.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,574.6	0.0
2011	2	23,693.8	19,105.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,588.7	0.0
2011	3	23,674.2	19,164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,510.2	0.0
2011	4	23,625.8	19,222.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,403.4	0.0
2011	5	23,602.3	19,280.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,321.8	0.0
2011	6	23,647.0	19,338.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,309.0	0.0
2011	7	23,648.1	19,395.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,253.0	0.0
2011	8	23,588.9	19,451.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,137.0	0.0
2011	9	23,634.6	19,508.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,126.4	0.0
2011	10	23,661.5	19,564.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,097.3	0.0
2011	11	23,738.9	19,619.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,119.1	0.0
2011	12	23,733.2	19,675.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,058.2	0.0
2012	1	23,823.4	19,729.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,093.6	0.0
2012	2	23,822.6	19,784.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,038.4	0.0
2012	3	23,873.3	19,838.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,035.0	0.0
2012	4	23,845.7	19,891.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,953.8	0.0
2012	5	23,822.2	19,945.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,876.9	0.0
2012	6	23,878.8	19,998.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,880.6	0.0
2012	7	23,932.4	20,050.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,881.6	0.0
2012	8	24,065.0	20,103.1	118.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,843.4	0.0
2012	9	23,966.9	20,155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,811.9	0.0
2012	10	23,987.4	20,206.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,780.9	0.0
2012	11	24,185.2	20,257.8	0.0	152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,775.3	0.0
2012	12	24,015.5	20,308.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,706.8	0.0
2013	1	23,997.9	20,359.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,638.6	0.0
2013	2	23,989.2	20,409.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,579.6	0.0
2013	3	24,047.8	20,459.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,588.2	0.0
2013	4	24,072.7	20,509.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,563.5	0.0
2013	5	24,055.1	20,558.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,496.6	0.0
2013	6	24,110.8	20,607.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,503.2	0.0
2013	7	24,098.1	20,656.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,441.8	0.0
2013	8	24,036.9	20,704.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,332.2	0.0
2013	9	24,132.1	20,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,379.3	0.0
2013	10	24,135.3	20,800.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,334.6	0.0
2013	11	24,181.0	20,848.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,332.8	0.0
2013	12	24,210.5	20,895.5	0.0	0.0	-81.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,396.6	0.0
2014	1	24,421.1	20,942.5	0.0	0.0	0.0	172.7	0.0	0.0	0.0	0.0	0.0	0.0	3,305.9	0.0
2014	2	24,204.7	20,989.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,215.5	0.0
2014	3	24,161.1	21,035.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,125.4	0.0
2014	4	24,312.7	21,081.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,230.9	0.0
2014	5	24,186.2	21,127.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,058.5	0.0
2014	6	24,225.0	21,173.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,051.7	0.0
2014	7	24,235.1	21,218.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,016.4	0.0
2014	8	24,224.5	21,263.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,960.6	0.0
2014	9	24,202.4	21,308.7	0.0	0.0	0.0	0.0	-97.5	0.0	0.0	0.0	0.0	0.0	2,991.2	0.0

2014	10	24,261.0	21,353.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,907.7	0.0
2014	11	24,222.1	21,397.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,824.4	0.0
2014	12	24,280.7	21,441.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,838.9	0.0
2015	1	24,300.7	21,485.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,815.1	0.0
2015	2	24,293.0	21,529.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,763.7	0.0
2015	3	24,259.6	21,572.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,686.9	0.0
2015	4	24,297.4	21,615.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,681.6	0.0
2015	5	24,310.5	21,658.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,651.7	0.0
2015	6	24,311.7	21,701.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,610.3	0.0
2015	7	24,323.7	21,743.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,579.9	0.0
2015	8	24,327.9	21,786.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,541.8	0.0
2015	9	24,305.4	21,828.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,477.3	0.0
2015	10	24,336.2	21,869.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,466.4	0.0
2015	11	24,340.4	21,911.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,429.0	0.0
2015	12	24,349.5	21,952.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,396.8	0.0
2016	1	24,416.1	21,993.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,422.1	0.0
2016	2	24,428.1	22,034.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,393.3	0.0
2016	3	24,428.3	22,075.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,352.8	0.0
2016	4	24,478.0	22,116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,362.0	0.0
2016	5	24,487.2	22,156.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,330.8	0.0
2016	6	24,475.5	22,196.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,279.1	0.0
2016	7	24,490.5	22,236.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,254.2	0.0
2016	8	24,489.8	22,276.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,213.8	0.0
2016	9	24,548.4	22,315.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,232.9	0.0
2016	10	24,535.7	22,354.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,180.9	0.0
2016	11	24,532.0	22,393.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,138.1	0.0
2016	12	24,572.7	22,432.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,140.0	0.0
2017	1	24,553.2	22,471.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,081.7	0.0
2017	2	24,614.7	22,510.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,104.7	0.0
2017	3	24,644.6	22,548.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,096.3	0.0
2017	4	24,649.8	22,586.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,063.3	0.0
2017	5	24,690.6	22,624.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,066.1	0.0
2017	6	24,726.4	22,662.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,064.1	0.0
2017	7	24,738.5	22,699.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,038.6	0.0
2017	8	24,783.3	22,737.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,045.9	0.0
2017	9	24,782.5	22,774.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,007.9	0.0
2017	10	24,910.1	22,811.7	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	2,028.4	0.0
2017	11	24,871.0	22,848.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,022.3	0.0
2017	12	24,901.9	22,885.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,016.5	0.0
2018	1	24,896.1	22,921.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,974.2	0.0
2018	2	24,927.0	22,958.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,968.7	0.0
2018	3	24,939.1	22,994.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,944.5	0.0
2018	4	24,933.4	23,030.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,902.7	0.0
2018	5	24,956.3	23,066.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,889.8	0.0
2018	6	24,954.6	23,102.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,852.3	0.0
2018	7	25,025.0	23,137.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,887.2	0.0
2018	8	25,028.2	23,173.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,854.9	0.0

2018	9	25,046.2	23,208.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,837.7	0.0
2018	10	24,882.8	23,243.7	0.0	0.0	0.0	0.0	0.0	0.0	-231.0	0.0	0.0	0.0	1,870.1	0.0
2018	11	25,140.7	23,278.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,862.0	0.0
2018	12	25,167.6	23,313.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,854.2	0.0
2019	1	25,126.2	23,348.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,778.1	0.0
2019	2	25,207.6	23,382.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,825.0	0.0
2019	3	25,194.0	23,417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,777.0	0.0
2019	4	25,204.1	23,451.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,752.9	0.0
2019	5	25,174.6	23,485.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,689.4	0.0
2019	6	25,167.8	23,519.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,648.7	0.0
2019	7	25,181.9	23,552.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,629.0	0.0
2019	8	25,214.8	23,586.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,628.3	0.0
2019	9	25,158.5	23,620.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,538.6	0.0
2019	10	25,193.4	23,653.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,540.1	0.0
2019	11	25,174.8	23,686.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,488.3	0.0
2019	12	25,238.3	23,719.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,518.8	0.0
2020	1	25,230.6	23,752.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,478.1	0.0
2020	2	25,217.5	23,785.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-93.5	0.0	0.0	1,525.7	0.0
2020	3	25,293.9	23,817.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,475.9	0.0
2020	4	25,276.7	23,850.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,426.3	0.0
2020	5	25,253.2	23,882.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,370.4	0.0
2020	6	25,282.1	23,915.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,367.0	0.0
2020	7	25,368.4	23,947.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,421.2	0.0
2020	8	25,345.8	23,979.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,366.6	0.0
2020	9	25,400.5	24,011.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,389.4	0.0
2020	10	25,393.7	24,042.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,350.9	0.0
2020	11	25,444.4	24,074.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,370.0	0.0
2020	12	25,417.9	24,105.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,312.0	0.0
2021	1	25,531.0	24,137.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	1,293.7	0.0
2021	2	25,488.6	24,168.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,320.1	0.0
2021	3	25,546.2	24,199.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,346.6	0.0
2021	4	25,526.6	24,230.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,296.0	0.0
2021	5	25,609.9	24,261.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,348.5	0.0
2021	6	25,603.2	24,292.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,311.0	0.0
2021	7	25,780.9	24,322.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.0	1,230.1	0.0
2021	8	25,570.8	24,353.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,217.5	0.0
2021	9	25,588.7	24,383.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,205.0	0.0
2021	10	25,606.6	24,414.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,192.6	0.0
2021	11	25,624.6	24,444.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,180.4	0.0
2021	12	25,642.5	24,474.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,168.3	0.0
2022	1	25,660.5	24,504.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,156.3	0.0
2022	2	25,678.5	24,534.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,144.5	0.0
2022	3	25,696.5	24,563.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,132.8	0.0
2022	4	25,714.4	24,593.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,121.1	0.0
2022	5	25,732.4	24,622.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,109.7	0.0
2022	6	25,750.4	24,652.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,098.3	0.0
2022	7	25,768.5	24,681.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,087.0	0.0

2022	8	25,786.5	24,710.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,075.9	0.0
2022	9	25,804.5	24,739.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,064.9	0.0
2022	10	25,822.6	24,768.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,053.9	0.0
2022	11	25,840.6	24,797.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,043.1	0.0
2022	12	25,858.6	24,826.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,032.5	0.0
2023	1	25,876.7	24,854.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,021.9	0.0
2023	2	25,894.8	24,883.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,011.4	0.0
2023	3	25,912.8	24,911.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,001.0	0.0
2023	4	25,930.9	24,940.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	990.8	0.0
2023	5	25,949.0	24,968.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	980.6	0.0
2023	6	25,967.0	24,996.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	970.6	0.0
2023	7	25,985.1	25,024.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	960.6	0.0
2023	8	26,003.2	25,052.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	950.8	0.0
2023	9	26,021.3	25,080.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	941.0	0.0
2023	10	26,039.4	25,108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	931.4	0.0
2023	11	26,057.5	25,135.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	921.9	0.0
2023	12	26,075.6	25,163.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	912.4	0.0
2024	1	26,093.7	25,190.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	903.1	0.0
2024	2	26,111.8	25,218.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	893.8	0.0
2024	3	26,129.9	25,245.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	884.6	0.0
2024	4	26,147.9	25,272.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	875.6	0.0
2024	5	26,166.0	25,299.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	866.6	0.0
2024	6	26,184.1	25,326.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	857.7	0.0
2024	7	26,202.2	25,353.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	848.9	0.0
2024	8	26,220.3	25,380.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.2	0.0
2024	9	26,238.4	25,406.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	831.6	0.0
2024	10	26,256.5	25,433.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	823.1	0.0
2024	11	26,274.6	25,459.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	814.7	0.0
2024	12	26,292.7	25,486.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	806.3	0.0
2025	1	26,310.8	25,512.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	798.0	0.0
2025	2	26,328.9	25,539.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	789.9	0.0
2025	3	26,346.9	25,565.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	781.8	0.0
2025	4	26,365.0	25,591.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	773.8	0.0
2025	5	26,383.1	25,617.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	765.8	0.0
2025	6	26,401.2	25,643.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	758.0	0.0
2025	7	26,419.2	25,669.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	750.2	0.0
2025	8	26,437.3	25,694.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	742.5	0.0
2025	9	26,455.3	25,720.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	734.9	0.0
2025	10	26,473.4	25,746.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	727.4	0.0
2025	11	26,491.4	25,771.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	719.9	0.0
2025	12	26,509.5	25,796.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	712.5	0.0
2026	1	26,527.5	25,822.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	705.2	0.0
2026	2	26,545.5	25,847.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	698.0	0.0
2026	3	26,563.6	25,872.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	690.9	0.0
2026	4	26,581.6	25,897.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	683.8	0.0
2026	5	26,599.6	25,922.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	676.8	0.0
2026	6	26,617.6	25,947.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	669.8	0.0

2026	7	26,635.6	25,972.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	663.0	0.0
2026	8	26,653.6	25,997.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	656.2	0.0
2026	9	26,671.6	26,022.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	649.5	0.0
2026	10	26,689.5	26,046.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	642.8	0.0
2026	11	26,707.5	26,071.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	636.2	0.0
2026	12	26,725.4	26,095.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	629.7	0.0
2027	1	26,743.4	26,120.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	623.2	0.0
2027	2	26,761.3	26,144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	616.9	0.0
2027	3	26,779.3	26,168.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	610.5	0.0
2027	4	26,797.2	26,192.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	604.3	0.0
2027	5	26,815.1	26,217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	598.1	0.0
2027	6	26,833.0	26,241.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	592.0	0.0
2027	7	26,850.9	26,265.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	585.9	0.0
2027	8	26,868.8	26,288.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.9	0.0
2027	9	26,886.6	26,312.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	573.9	0.0
2027	10	26,904.5	26,336.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	568.1	0.0
2027	11	26,922.3	26,360.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	562.2	0.0
2027	12	26,940.2	26,383.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	556.5	0.0
2028	1	26,958.0	26,407.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	550.8	0.0
2028	2	26,975.8	26,430.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	545.1	0.0
2028	3	26,993.6	26,454.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	539.5	0.0
2028	4	27,011.4	26,477.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.0	0.0
2028	5	27,029.2	26,500.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	528.5	0.0
2028	6	27,047.0	26,523.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.1	0.0
2028	7	27,064.7	26,547.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	517.8	0.0
2028	8	27,082.5	26,570.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	512.5	0.0
2028	9	27,100.2	26,593.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	507.2	0.0
2028	10	27,117.9	26,615.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	502.0	0.0
2028	11	27,135.6	26,638.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	496.9	0.0
2028	12	27,153.3	26,661.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	491.8	0.0
2029	1	27,171.0	26,684.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	486.7	0.0
2029	2	27,188.7	26,706.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481.7	0.0
2029	3	27,206.3	26,729.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	476.8	0.0
2029	4	27,223.9	26,752.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	471.9	0.0
2029	5	27,241.6	26,774.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	467.1	0.0
2029	6	27,259.2	26,796.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	462.3	0.0
2029	7	27,276.8	26,819.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	457.6	0.0
2029	8	27,294.4	26,841.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	452.9	0.0
2029	9	27,311.9	26,863.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	448.2	0.0
2029	10	27,329.5	26,885.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	443.6	0.0
2029	11	27,347.0	26,907.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	439.1	0.0
2029	12	27,364.6	26,930.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	434.6	0.0
2030	1	27,382.1	26,951.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	430.1	0.0
2030	2	27,399.6	26,973.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	425.7	0.0
2030	3	27,417.0	26,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	421.4	0.0
2030	4	27,434.5	27,017.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.0	0.0
2030	5	27,451.9	27,039.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	412.8	0.0

2030	6	27,469.4	27,060.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	408.5	0.0
2030	7	27,486.8	27,082.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	404.3	0.0
2030	8	27,504.2	27,104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.2	0.0
2030	9	27,521.6	27,125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	396.1	0.0
2030	10	27,539.0	27,146.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	392.0	0.0
2030	11	27,556.3	27,168.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	388.0	0.0
2030	12	27,573.6	27,189.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	384.0	0.0
2031	1	27,591.0	27,210.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	380.1	0.0
2031	2	27,608.3	27,232.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	376.2	0.0
2031	3	27,625.6	27,253.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	372.4	0.0
2031	4	27,642.8	27,274.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	368.5	0.0
2031	5	27,660.1	27,295.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	364.8	0.0
2031	6	27,677.3	27,316.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	361.0	0.0
2031	7	27,694.5	27,337.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	357.3	0.0
2031	8	27,711.7	27,358.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	353.7	0.0
2031	9	27,728.9	27,378.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0
2031	10	27,746.1	27,399.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	346.5	0.0
2031	11	27,763.2	27,420.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	342.9	0.0
2031	12	27,780.4	27,441.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	339.4	0.0
2032	1	27,797.5	27,461.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	335.9	0.0
2032	2	27,814.6	27,482.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332.5	0.0
2032	3	27,831.7	27,502.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	329.1	0.0
2032	4	27,848.7	27,523.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.7	0.0
2032	5	27,865.8	27,543.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	322.4	0.0
2032	6	27,882.8	27,563.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	319.0	0.0
2032	7	27,899.8	27,584.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	315.8	0.0
2032	8	27,916.8	27,604.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	312.5	0.0
2032	9	27,933.7	27,624.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309.3	0.0
2032	10	27,950.7	27,644.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	306.2	0.0
2032	11	27,967.6	27,664.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	303.0	0.0
2032	12	27,984.5	27,684.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.9	0.0
2033	1	28,001.4	27,704.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	296.9	0.0
2033	2	28,018.3	27,724.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.8	0.0
2033	3	28,035.2	27,744.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	290.8	0.0
2033	4	28,052.0	27,764.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	287.8	0.0
2033	5	28,068.8	27,784.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	284.9	0.0
2033	6	28,085.6	27,803.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282.0	0.0
2033	7	28,102.4	27,823.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.1	0.0
2033	8	28,119.2	27,843.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276.2	0.0
2033	9	28,135.9	27,862.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	273.4	0.0
2033	10	28,152.6	27,882.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270.6	0.0
2033	11	28,169.4	27,901.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	267.8	0.0
2033	12	28,186.0	27,921.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	265.1	0.0
2034	1	28,202.7	27,940.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262.3	0.0
2034	2	28,219.3	27,959.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	259.6	0.0
2034	3	28,236.0	27,979.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257.0	0.0
2034	4	28,252.6	27,998.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.4	0.0

2034	5	28,269.2	28,017.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.7	0.0
2034	6	28,285.7	28,036.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249.2	0.0
2034	7	28,302.3	28,055.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	246.6	0.0
2034	8	28,318.8	28,074.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.1	0.0
2034	9	28,335.3	28,093.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241.6	0.0
2034	10	28,351.8	28,112.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	239.1	0.0
2034	11	28,368.3	28,131.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.7	0.0
2034	12	28,384.7	28,150.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.2	0.0
2035	1	28,401.2	28,169.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	231.8	0.0
2035	2	28,417.6	28,188.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	229.5	0.0
2035	3	28,434.0	28,206.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.1	0.0
2035	4	28,450.3	28,225.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.8	0.0
2035	5	28,466.7	28,244.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.5	0.0
2035	6	28,483.0	28,262.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.2	0.0
2035	7	28,499.3	28,281.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	217.9	0.0
2035	8	28,515.6	28,299.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.7	0.0
2035	9	28,531.9	28,318.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	213.5	0.0
2035	10	28,548.1	28,336.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.3	0.0
2035	11	28,564.3	28,355.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	209.1	0.0
2035	12	28,580.5	28,373.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.0	0.0
2036	1	28,596.7	28,391.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.9	0.0
2036	2	28,612.9	28,410.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202.8	0.0
2036	3	28,629.0	28,428.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.7	0.0
2036	4	28,645.2	28,446.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198.6	0.0
2036	5	28,661.3	28,464.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.6	0.0
2036	6	28,677.4	28,482.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.6	0.0
2036	7	28,693.4	28,500.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.6	0.0
2036	8	28,709.5	28,518.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.6	0.0
2036	9	28,725.5	28,536.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.7	0.0
2036	10	28,741.5	28,554.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	186.7	0.0
2036	11	28,757.5	28,572.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.8	0.0
2036	12	28,773.4	28,590.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182.9	0.0
2037	1	28,789.4	28,608.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.1	0.0
2037	2	28,805.3	28,626.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.2	0.0
2037	3	28,821.2	28,643.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	177.4	0.0
2037	4	28,837.0	28,661.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.5	0.0
2037	5	28,852.9	28,679.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.7	0.0
2037	6	28,868.7	28,696.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172.0	0.0
2037	7	28,884.5	28,714.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.2	0.0
2037	8	28,900.3	28,731.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.5	0.0
2037	9	28,916.1	28,749.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.7	0.0
2037	10	28,931.9	28,766.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0	0.0
2037	11	28,947.6	28,784.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163.3	0.0
2037	12	28,963.3	28,801.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.7	0.0
2038	1	28,979.0	28,819.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0	0.0
2038	2	28,994.7	28,836.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.4	0.0
2038	3	29,010.3	28,853.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.7	0.0

2038	4	29,025.9	28,870.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.1	0.0
2038	5	29,041.5	28,888.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.5	0.0
2038	6	29,057.1	28,905.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0	0.0
2038	7	29,072.7	28,922.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.4	0.0
2038	8	29,088.2	28,939.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148.9	0.0
2038	9	29,103.7	28,956.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.3	0.0
2038	10	29,119.2	28,973.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.8	0.0
2038	11	29,134.7	28,990.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.3	0.0
2038	12	29,150.2	29,007.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142.9	0.0
2039	1	29,165.6	29,024.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141.4	0.0
2039	2	29,181.0	29,041.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.9	0.0
2039	3	29,196.4	29,057.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.5	0.0
2039	4	29,211.8	29,074.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.1	0.0
2039	5	29,227.1	29,091.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.7	0.0
2039	6	29,242.5	29,108.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.3	0.0
2039	7	29,257.8	29,124.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.9	0.0
2039	8	29,273.1	29,141.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.6	0.0
2039	9	29,288.3	29,158.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.2	0.0
2039	10	29,303.6	29,174.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.9	0.0
2039	11	29,318.8	29,191.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.6	0.0
2039	12	29,334.0	29,207.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.2	0.0
2040	1	29,349.2	29,224.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.0	0.0
2040	2	29,364.4	29,240.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123.7	0.0
2040	3	29,379.5	29,257.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.4	0.0
2040	4	29,394.6	29,273.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.1	0.0
2040	5	29,409.7	29,289.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.9	0.0
2040	6	29,424.8	29,306.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.7	0.0
2040	7	29,439.9	29,322.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.5	0.0
2040	8	29,454.9	29,338.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116.3	0.0
2040	9	29,469.9	29,354.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.1	0.0
2040	10	29,484.9	29,371.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.9	0.0
2040	11	29,499.9	29,387.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.7	0.0
2040	12	29,514.9	29,403.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.6	0.0
2041	1	29,529.8	29,419.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.4	0.0
2041	2	29,544.7	29,435.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109.3	0.0
2041	3	29,559.6	29,451.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108.2	0.0
2041	4	29,574.5	29,467.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.1	0.0
2041	5	29,589.3	29,483.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.0	0.0
2041	6	29,604.1	29,499.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104.9	0.0
2041	7	29,618.9	29,515.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.8	0.0
2041	8	29,633.7	29,531.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.7	0.0
2041	9	29,648.5	29,546.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.7	0.0
2041	10	29,663.2	29,562.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.6	0.0
2041	11	29,678.0	29,578.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.6	0.0
2041	12	29,692.7	29,594.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.6	0.0
2042	1	29,707.4	29,609.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.6	0.0
2042	2	29,722.0	29,625.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.6	0.0

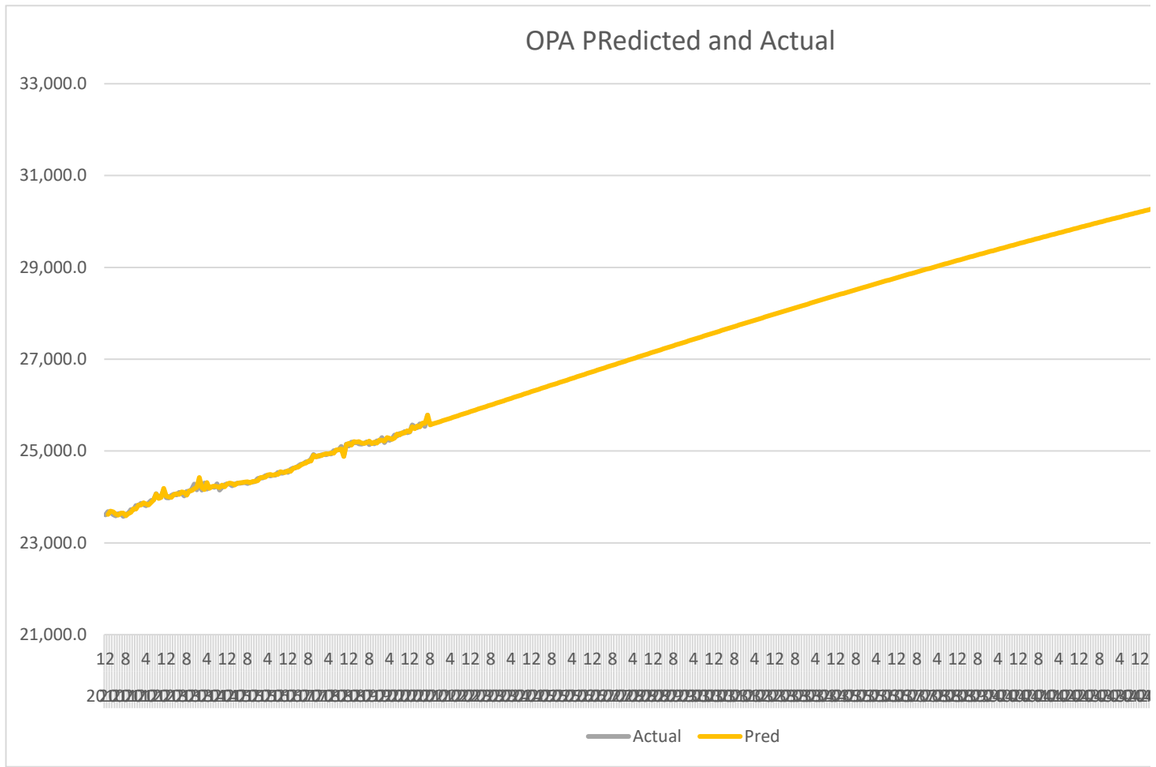
2042	3	29,736.7	29,641.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.6	0.0
2042	4	29,751.3	29,656.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.6	0.0
2042	5	29,765.9	29,672.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.6	0.0
2042	6	29,780.5	29,687.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.7	0.0
2042	7	29,795.0	29,703.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.7	0.0
2042	8	29,809.6	29,718.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.8	0.0
2042	9	29,824.1	29,734.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.9	0.0
2042	10	29,838.6	29,749.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9	0.0
2042	11	29,853.1	29,765.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0
2042	12	29,867.5	29,780.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.1	0.0
2043	1	29,882.0	29,795.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.2	0.0
2043	2	29,896.4	29,811.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.4	0.0
2043	3	29,910.8	29,826.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.5	0.0
2043	4	29,925.1	29,841.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.6	0.0
2043	5	29,939.5	29,856.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.8	0.0
2043	6	29,953.8	29,871.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.9	0.0
2043	7	29,968.2	29,887.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.1	0.0
2043	8	29,982.4	29,902.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.2	0.0
2043	9	29,996.7	29,917.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.4	0.0
2043	10	30,011.0	29,932.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.6	0.0
2043	11	30,025.2	29,947.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.8	0.0
2043	12	30,039.4	29,962.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0	0.0
2044	1	30,053.6	29,977.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.2	0.0
2044	2	30,067.8	29,992.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.4	0.0
2044	3	30,081.9	30,007.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	0.0
2044	4	30,096.1	30,022.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.9	0.0
2044	5	30,110.2	30,037.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1	0.0
2044	6	30,124.3	30,051.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4	0.0
2044	7	30,138.3	30,066.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.6	0.0
2044	8	30,152.4	30,081.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.9	0.0
2044	9	30,166.4	30,096.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.2	0.0
2044	10	30,180.4	30,111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.5	0.0
2044	11	30,194.4	30,125.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.7	0.0
2044	12	30,208.4	30,140.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	0.0
2045	1	30,222.4	30,155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.3	0.0
2045	2	30,236.3	30,169.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	0.0
2045	3	30,250.2	30,184.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0
2045	4	30,264.1	30,198.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.3	0.0
2045	5	30,278.0	30,213.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.6	0.0
2045	6	30,291.8	30,227.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	0.0
2045	7	30,305.6	30,242.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3	0.0
2045	8	30,319.5	30,256.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.7	0.0
2045	9	30,333.3	30,271.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	0.0
2045	10	30,347.0	30,285.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.4	0.0
2045	11	30,360.8	30,300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.8	0.0
2045	12	30,374.5	30,314.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.1	0.0
2046	1	30,388.2	30,328.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.5	0.0

2046	2	30,401.9	30,343.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.9	0.0
2046	3	30,415.6	30,357.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.3	0.0
2046	4	30,429.3	30,371.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.7	0.0
2046	5	30,442.9	30,385.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.1	0.0
2046	6	30,456.5	30,400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.5	0.0
2046	7	30,470.1	30,414.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.9	0.0
2046	8	30,483.7	30,428.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.4	0.0
2046	9	30,497.2	30,442.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.8	0.0
2046	10	30,510.8	30,456.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.2	0.0
2046	11	30,524.3	30,470.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.7	0.0
2046	12	30,537.8	30,484.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	0.0
2047	1	30,551.3	30,498.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.6	0.0
2047	2	30,564.7	30,512.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.1	0.0
2047	3	30,578.2	30,526.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5	0.0
2047	4	30,591.6	30,540.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0
2047	5	30,605.0	30,554.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5	0.0
2047	6	30,618.4	30,568.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0
2047	7	30,631.8	30,582.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.4	0.0
2047	8	30,645.1	30,596.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.9	0.0
2047	9	30,658.4	30,610.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.4	0.0
2047	10	30,671.8	30,623.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.9	0.0
2047	11	30,685.0	30,637.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.4	0.0
2047	12	30,698.3	30,651.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0
2048	1	30,711.6	30,665.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.5	0.0
2048	2	30,724.8	30,678.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0
2048	3	30,738.0	30,692.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.5	0.0
2048	4	30,751.2	30,706.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.1	0.0
2048	5	30,764.4	30,719.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.6	0.0
2048	6	30,777.6	30,733.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1	0.0
2048	7	30,790.7	30,747.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.7	0.0
2048	8	30,803.8	30,760.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	0.0
2048	9	30,816.9	30,774.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8	0.0
2048	10	30,830.0	30,787.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.4	0.0
2048	11	30,843.1	30,801.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.9	0.0
2048	12	30,856.1	30,814.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.5	0.0
2049	1	30,869.1	30,828.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.1	0.0
2049	2	30,882.2	30,841.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0
2049	3	30,895.2	30,854.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.2	0.0
2049	4	30,908.1	30,868.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.8	0.0
2049	5	30,921.1	30,881.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.4	0.0
2049	6	30,934.0	30,895.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0
2049	7	30,946.9	30,908.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	0.0
2049	8	30,959.8	30,921.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2	0.0
2049	9	30,972.7	30,934.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.8	0.0
2049	10	30,985.6	30,948.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.4	0.0
2049	11	30,998.4	30,961.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.1	0.0
2049	12	31,011.3	30,974.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7	0.0

2050	1	31,024.1	30,987.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	0.0
2050	2	31,036.9	31,000.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9	0.0
2050	3	31,049.6	31,014.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.6	0.0
2050	4	31,062.4	31,027.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2	0.0
2050	5	31,075.1	31,040.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.8	0.0
2050	6	31,087.8	31,053.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	0.0
2050	7	31,100.5	31,066.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	0.0
2050	8	31,113.2	31,079.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.8	0.0
2050	9	31,125.9	31,092.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	0.0
2050	10	31,138.5	31,105.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	0.0
2050	11	31,151.2	31,118.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	0.0
2050	12	31,163.8	31,131.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.4	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma
2010	12	23,608.0				
2011	1	23,682.0	23620.38921	25083.05249	22157.72593	738.4215952
2011	2	23,662.0	23693.79562	25160.99803	22226.5932	740.7131655
2011	3	23,613.0	23674.16745	25145.8753	22202.4596	742.987722
2011	4	23,589.0	23625.83848	25102.01856	22149.6584	745.2455154
2011	5	23,634.0	23602.25521	25082.8748	22121.63562	747.4867911
2011	6	23,635.0	23646.96663	25131.9935	22161.93977	749.7117888
2011	7	23,575.0	23648.13076	25137.53311	22158.72841	751.9207434
2011	8	23,621.0	23588.92174	25082.66826	22095.17522	754.1138845
2011	9	23,648.0	23634.62802	25132.68783	22136.56821	756.2914367
2011	10	23,726.0	23661.53059	25163.87325	22159.18794	758.4536203
2011	11	23,720.0	23738.912	25245.50749	22232.31651	760.6006505
2011	12	23,811.0	23733.15573	25243.97444	22222.33701	762.7327382
2012	1	23,810.0	23823.40674	25338.41951	22308.39398	764.85009
2012	2	23,861.0	23822.60195	25341.77997	22303.42393	766.9529082
2012	3	23,833.0	23873.26552	25396.5804	22349.95065	769.0413908
2012	4	23,809.0	23845.73995	25373.16368	22318.31623	771.115732
2012	5	23,866.0	23822.17457	25353.67951	22290.66963	773.1761219
2012	6	23,920.0	23878.78019	25414.33908	22343.2213	775.2227471
2012	7	23,934.0	23932.41765	25472.00358	22392.83171	777.25579
2012	8	24,073.0	24064.99907	25609.93057	22520.06757	779.9544836
2012	9	23,975.0	23966.91622	25514.47695	22419.3555	781.2818423
2012	10	24,021.0	23987.43265	25538.94181	22435.92349	783.2751992
2012	11	24,155.0	24185.18991	25742.08254	22628.29729	785.9930257
2012	12	23,985.0	24015.50253	25574.83231	22456.17274	787.2234186
2013	1	23,976.0	23997.91705	25561.11967	22434.71443	789.178609
2013	2	24,035.0	23989.20656	25556.25745	22422.15566	791.1214
2013	3	24,060.0	24047.79993	25618.67485	22476.92502	793.0519477
2013	4	24,042.0	24072.74248	25647.41748	22498.06749	794.9704056
2013	5	24,098.0	24055.12641	25633.57783	22476.67499	796.876924
2013	6	24,085.0	24110.75261	25692.9571	22528.54812	798.7716507
2013	7	24,023.0	24098.08658	25684.02107	22512.15209	800.6547307
2013	8	24,119.0	24036.92333	25626.56503	22447.28163	802.5263062
2013	9	24,122.0	24132.14139	25725.46778	22538.81499	804.3865169
2013	10	24,168.0	24135.31309	25732.30195	22538.32423	806.2355
2013	11	24,280.0	24181.04463	25781.67397	22580.41528	808.0733902
2013	12	24,154.0	24210.50534	25816.95574	22604.05495	811.0121318
2014	1	24,364.0	24421.09045	26031.13176	22811.04914	812.8249942
2014	2	24,147.0	24204.68162	25816.10319	22593.26005	813.5218148
2014	3	24,300.0	24161.07631	25776.05305	22546.09957	815.3166332
2014	4	24,172.0	24312.71344	25931.22464	22694.20224	817.1009973
2014	5	24,211.0	24186.23075	25808.25595	22564.20555	818.875028
2014	6	24,221.0	24225.03691	25850.55587	22599.51795	820.6388445
2014	7	24,210.0	24235.1406	25864.13332	22606.14788	822.3925636
2014	8	24,286.0	24224.4598	25856.90651	22592.01309	824.1363002
2014	9	24,149.0	24202.41717	25839.72272	22565.11163	826.5892698

Cust_OPA	
2010-2020 APCT	**0.74%**
2015-2020 APCT	**0.93%**
2020--2025 APCT	
2025-2030 APCT	
2030-2035 APCT	
2035-2050 APCT	
LogTrendVar	elasticity
Forecast Update for Spring 2022	
Coefficients are the right sign and	
MAPE	0.134360%
MADE	32.922624



2014	10	24,207.0	24260.9703	25900.26656	22621.67404	827.5942763
2014	11	24,266.0	24222.11157	25864.80382	22579.41931	829.308736
2014	12	24,286.0	24280.71438	25926.78374	22634.64503	831.0136541
2015	1	24,278.0	24300.7171	25950.14486	22651.28934	832.709136
2015	2	24,244.0	24293.00696	25945.77463	22640.23928	834.3952856
2015	3	24,282.0	24259.56345	25915.65276	22603.47413	836.0722052
2015	4	24,295.0	24297.3822	25956.77507	22637.98934	837.7399952
2015	5	24,296.0	24310.45731	25973.13585	22647.77878	839.3987545
2015	6	24,308.0	24311.65553	25977.60203	22645.70902	841.0485804
2015	7	24,312.0	24323.74112	25992.93809	22654.54415	842.6895685
2015	8	24,289.0	24327.9088	26000.33891	22655.47868	844.321813
2015	9	24,320.0	24305.35326	25980.99938	22629.70714	845.9454067
2015	10	24,324.0	24336.24438	26015.08955	22657.3992	847.5604407
2015	11	24,333.0	24340.41226	26022.43971	22658.3848	849.1670047
2015	12	24,400.0	24349.52894	26034.72207	22664.33581	850.7651873
2016	1	24,412.0	24416.05124	26104.39362	22727.70887	852.3550753
2016	2	24,412.0	24428.13723	26119.61259	22736.66187	853.9367545
2016	3	24,462.0	24428.3462	26122.93845	22733.75395	855.510309
2016	4	24,471.0	24478.04275	26175.73597	22780.34953	857.0758221
2016	5	24,459.0	24487.15947	26187.93788	22786.38106	858.6333754
2016	6	24,474.0	24475.49138	26179.33939	22771.64338	860.1830496
2016	7	24,473.0	24490.54655	26197.44869	22783.64441	861.7249238
2016	8	24,532.0	24489.76565	26199.70664	22779.82466	863.2590762
2016	9	24,519.0	24548.36979	26261.33448	22835.4051	864.7855838
2016	10	24,515.0	24535.71175	26251.68515	22819.73835	866.3045224
2016	11	24,556.0	24531.9614	26250.92866	22812.99414	867.8159667
2016	12	24,536.0	24572.74979	26294.69622	22850.80337	869.3199902
2017	1	24,598.0	24553.16325	26278.07429	22828.25221	870.8166655
2017	2	24,628.0	24614.73624	26342.59747	22886.875	872.3060641
2017	3	24,633.0	24644.63706	26375.43422	22913.83991	873.7882562
2017	4	24,674.0	24649.79399	26383.51293	22916.07505	875.2633114
2017	5	24,710.0	24690.58185	26427.20858	22953.95513	876.7312981
2017	6	24,722.0	24726.42083	26465.94147	22986.90019	878.1922836
2017	7	24,767.0	24738.50563	26480.90645	22996.10481	879.6463344
2017	8	24,766.0	24783.25209	26528.51949	23037.9847	881.093516
2017	9	24,824.0	24782.46984	26530.59032	23034.34935	882.5338931
2017	10	24,925.0	24910.10473	26662.11253	23158.09694	884.4963889
2017	11	24,886.0	24870.95049	26624.73724	23117.16375	885.3944875
2017	12	24,880.0	24901.86155	26658.4617	23145.26139	886.8148295
2018	1	24,911.0	24896.12987	26655.53045	23136.7293	888.2286164
2018	2	24,923.0	24927.01883	26689.20697	23164.83069	889.6359084
2018	3	24,917.0	24939.10232	26704.06527	23174.13937	891.036765
2018	4	24,940.0	24933.3701	26701.09523	23165.64496	892.4312448
2018	5	24,938.0	24956.34047	26726.81527	23185.86568	893.8194054
2018	6	25,009.0	24954.56686	26727.77891	23181.3548	895.201304
2018	7	25,012.0	25025.0449	26800.98193	23249.10788	896.5769968
2018	8	25,030.0	25028.21964	26806.86945	23249.56983	897.9465392

2018	9	25,098.0	25046.24043	26827.59095	23264.88991	899.3099861
2018	10	24,894.0	24882.77089	26667.83837	23097.70341	901.1864838
2018	11	25,152.0	25140.65461	26927.37076	23353.93847	902.0188084
2018	12	25,110.0	25167.60459	26956.98586	23378.22331	903.3642897
2019	1	25,192.0	25126.23939	26918.27413	23334.20465	904.7038874
2019	2	25,178.0	25207.60315	27002.27981	23412.92649	906.0376525
2019	3	25,188.0	25193.95053	26991.25766	23396.6434	907.3656356
2019	4	25,158.0	25204.0517	27003.97794	23404.12546	908.6878868
2019	5	25,151.0	25174.56257	26977.09666	23372.02847	910.0044552
2019	6	25,165.0	25167.83747	26972.96826	23362.70668	911.3153894
2019	7	25,198.0	25181.89691	26989.61332	23374.18049	912.6207376
2019	8	25,141.0	25214.76137	27025.05245	23404.47029	913.920547
2019	9	25,176.0	25158.54793	26971.40279	23345.69308	915.2148646
2019	10	25,157.0	25193.39138	27008.79923	23377.98353	916.5037365
2019	11	25,221.0	25174.78798	26992.73813	23356.83784	917.7872083
2019	12	25,213.0	25238.3337	27058.81554	23417.85186	919.0653251
2020	1	25,294.0	25230.61703	27053.62004	23407.61403	920.3381315
2020	2	25,183.0	25217.4995	27044.14738	23390.85163	922.1782314
2020	3	25,259.0	25293.85674	27121.87088	23465.8426	922.8679879
2020	4	25,235.0	25276.74802	27107.25229	23446.24374	924.1251243
2020	5	25,264.0	25253.19423	27086.17846	23420.21	925.3771227
2020	6	25,351.0	25282.097	27117.55109	23446.64291	926.6240251
2020	7	25,328.0	25368.40508	27206.31901	23530.49114	927.8658727
2020	8	25,383.0	25345.8402	27186.20405	23505.47635	929.1027063
2020	9	25,376.0	25400.47566	27243.27957	23557.67174	930.3345662
2020	10	25,427.0	25393.74623	27238.98044	23548.51202	931.5614924
2020	11	25,400.0	25444.4221	27292.07691	23596.7673	932.7835241
2020	12	25,413.0	25417.89707	27267.96285	23567.83128	934.0007003
2021	1	25,571.0	25530.97072	27384.2871	23677.65435	935.6417526
2021	2	25,529.0	25488.55622	27343.41542	23633.69703	936.4206393
2021	3	25,509.0	25546.16802	27403.40979	23688.92625	937.6234777
2021	4	25,593.0	25526.57006	27386.18509	23666.95503	938.8216115
2021	5	25,586.0	25609.90597	27471.88501	23747.92693	940.0150775
2021	6	25,535.0	25603.17419	27467.50807	23738.8403	941.2039119
2021	7	25,780.9	25780.85933	27636.54034	23925.17833	936.8355292
2021	8		25570.79857	27439.81489	23701.78224	943.5678286
2021	9		25588.71616	27461.98907	23715.44326	945.7167522
2021	10		25606.6454	27484.12002	23729.17078	947.8379771
2021	11		25624.58585	27506.20852	23742.96318	949.9321093
2021	12		25642.53709	27528.25531	23756.81886	951.9997386
2022	1		25660.4987	27550.26112	23770.73628	954.0414395
2022	2		25678.47028	27572.22664	23784.71391	956.0577714
2022	3		25696.4514	27594.15253	23798.75026	958.049279
2022	4		25714.44166	27616.03944	23812.84387	960.016493
2022	5		25732.44065	27637.88799	23826.99331	961.9599305
2022	6		25750.44798	27659.69878	23841.19718	963.8800952
2022	7		25768.46324	27681.47237	23855.45411	965.7774781

2022	8	25786.48604	27703.20932	23869.76276	967.6525575
2022	9	25804.516	27724.91018	23884.12182	969.5057998
2022	10	25822.55272	27746.57544	23898.52999	971.3376598
2022	11	25840.59581	27768.2056	23912.98602	973.1485805
2022	12	25858.64491	27789.80114	23927.48867	974.9389943
2023	1	25876.69962	27811.36252	23942.03673	976.7093225
2023	2	25894.75959	27832.89017	23956.629	978.4599764
2023	3	25912.82443	27854.38452	23971.26433	980.1913568
2023	4	25930.89378	27875.84599	23985.94157	981.9038548
2023	5	25948.96727	27897.27495	24000.6596	983.5978521
2023	6	25967.04456	27918.67179	24015.41733	985.273721
2023	7	25985.12527	27940.03687	24030.21368	986.9318248
2023	8	26003.20907	27961.37054	24045.04759	988.572518
2023	9	26021.29558	27982.67314	24059.91803	990.1961468
2023	10	26039.38449	28003.94499	24074.82398	991.8030488
2023	11	26057.47542	28025.18639	24089.76445	993.3935538
2023	12	26075.56806	28046.39766	24104.73847	994.9679837
2024	1	26093.66206	28067.57906	24119.74506	996.5266527
2024	2	26111.75709	28088.73089	24134.78329	998.0698678
2024	3	26129.85282	28109.8534	24149.85224	999.5979286
2024	4	26147.94893	28130.94684	24164.95101	1001.111128
2024	5	26166.04508	28152.01147	24180.07869	1002.609751
2024	6	26184.14097	28173.0475	24195.23443	1004.094078
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2024	8	26220.33068	28215.03471	24225.62665	1007.020926
2024	9	26238.42388	28235.98629	24240.86146	1008.463974
2024	10	26256.51556	28256.91013	24256.121	1009.893779
2024	11	26274.60544	28277.80642	24271.40446	1011.31059
2024	12	26292.69319	28298.67533	24286.71105	1012.714649
2025	1	26310.77854	28319.51704	24302.04003	1014.106194
2025	2	26328.86117	28340.33172	24317.39063	1015.485457
2025	3	26346.94082	28361.11952	24332.76211	1016.852664
2025	4	26365.01718	28381.8806	24348.15376	1018.208037
2025	5	26383.08997	28402.6151	24363.56484	1019.551792
2025	6	26401.15892	28423.32317	24378.99468	1020.884142
2025	7	26419.22375	28444.00492	24394.44257	1022.205294
2025	8	26437.28417	28464.6605	24409.90784	1023.515449
2025	9	26455.33993	28485.29002	24425.38984	1024.814806
2025	10	26473.39074	28505.89359	24440.8879	1026.103558
2025	11	26491.43636	28526.47133	24456.40139	1027.381894
2025	12	26509.47651	28547.02334	24471.92967	1028.650001
2026	1	26527.51093	28567.54972	24487.47214	1029.908058
2026	2	26545.53938	28588.05057	24503.02819	1031.156243
2026	3	26563.56159	28608.52597	24518.59721	1032.394729
2026	4	26581.57732	28628.97601	24534.17863	1033.623685
2026	5	26599.58632	28649.40078	24549.77186	1034.843278
2026	6	26617.58834	28669.80034	24565.37634	1036.053669

2026	7	26635.58315	28690.17477	24580.99152	1037.255017
2026	8	26653.5705	28710.52415	24596.61686	1038.447477
2026	9	26671.55017	28730.84853	24612.2518	1039.631201
2026	10	26689.52191	28751.14798	24627.89584	1040.806339
2026	11	26707.4855	28771.42256	24643.54844	1041.973034
2026	12	26725.44071	28791.67231	24659.2091	1043.13143
2027	1	26743.38732	28811.89731	24674.87733	1044.281666
2027	2	26761.3251	28832.09758	24690.55262	1045.423879
2027	3	26779.25384	28852.27318	24706.2345	1046.558201
2027	4	26797.17332	28872.42415	24721.92249	1047.684763
2027	5	26815.08333	28892.55054	24737.61612	1048.803694
2027	6	26832.98365	28912.65237	24753.31494	1049.915119
2027	7	26850.87409	28932.72969	24769.01849	1051.01916
2027	8	26868.75443	28952.78252	24784.72634	1052.115936
2027	9	26886.62447	28972.8109	24800.43805	1053.205567
2027	10	26904.48402	28992.81485	24816.15318	1054.288166
2027	11	26922.33287	29012.79441	24831.87133	1055.363847
2027	12	26940.17083	29032.74958	24847.59207	1056.432719
2028	1	26957.9977	29052.68041	24863.315	1057.494891
2028	2	26975.81331	29072.5869	24879.03972	1058.550469
2028	3	26993.61746	29092.46908	24894.76584	1059.599556
2028	4	27011.40996	29112.32695	24910.49297	1060.642254
2028	5	27029.19064	29132.16055	24926.22073	1061.678662
2028	6	27046.95931	29151.96987	24941.94876	1062.708877
2028	7	27064.71581	29171.75493	24957.67668	1063.732996
2028	8	27082.45994	29191.51574	24973.40414	1064.751111
2028	9	27100.19155	29211.25232	24989.13077	1065.763314
2028	10	27117.91045	29230.96466	25004.85624	1066.769694
2028	11	27135.61649	29250.65278	25020.58021	1067.770341
2028	12	27153.3095	29270.31668	25036.30233	1068.765339
2029	1	27170.98931	29289.95636	25052.02227	1069.754774
2029	2	27188.65577	29309.57183	25067.73972	1070.738727
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2029	4	27223.94799	29348.73014	25099.16584	1072.690513
2029	5	27241.57344	29368.27298	25114.8739	1073.658503
2029	6	27259.18491	29387.79161	25130.57821	1074.621327
2029	7	27276.78226	29407.28603	25146.27848	1075.579058
2029	8	27294.36533	29426.75623	25161.97443	1076.531772
2029	9	27311.93399	29446.20222	25177.66575	1077.479539
2029	10	27329.48808	29465.62399	25193.35217	1078.42243
2029	11	27347.02748	29485.02154	25209.03341	1079.360513
2029	12	27364.55203	29504.39486	25224.7092	1080.293858
2030	1	27382.06161	29523.74395	25240.37927	1081.222529
2030	2	27399.55607	29543.06879	25256.04335	1082.146593
2030	3	27417.03529	29562.3694	25271.70119	1083.066113
2030	4	27434.49914	29581.64575	25287.35253	1083.981151
2030	5	27451.94748	29600.89784	25302.99712	1084.891769

2030	6	27469.38019	29620.12566	25318.63472	1085.798027
2030	7	27486.79715	29639.32922	25334.26508	1086.699984
2030	8	27504.19823	29658.50848	25349.88797	1087.597699
2030	9	27521.58331	29677.66346	25365.50315	1088.491227
2030	10	27538.95228	29696.79415	25381.1104	1089.380624
2030	11	27556.30501	29715.90052	25396.70949	1090.265946
2030	12	27573.64139	29734.98258	25412.3002	1091.147245
2031	1	27590.96131	29754.04031	25427.88231	1092.024574
2031	2	27608.26466	29773.07371	25443.45561	1092.897986
2031	3	27625.55133	29792.08277	25459.01989	1093.767529
2031	4	27642.8212	29811.06747	25474.57494	1094.633255
2031	5	27660.07418	29830.02781	25490.12056	1095.495211
2031	6	27677.31016	29848.96378	25505.65655	1096.353446
2031	7	27694.52904	29867.87537	25521.18271	1097.208007
2031	8	27711.73072	29886.76257	25536.69887	1098.058939
2031	9	27728.91509	29905.62536	25552.20481	1098.906287
2031	10	27746.08206	29924.46375	25567.70037	1099.750097
2031	11	27763.23154	29943.27772	25583.18536	1100.59041
2031	12	27780.36343	29962.06726	25598.6596	1101.427272
2032	1	27797.47764	29980.83237	25614.12291	1102.260722
2032	2	27814.57408	29999.57303	25629.57513	1103.090802
2032	3	27831.65266	30018.28924	25645.01608	1103.917553
2032	4	27848.71329	30036.98098	25660.44561	1104.741015
2032	5	27865.75589	30055.64825	25675.86353	1105.561225
2032	6	27882.78037	30074.29104	25691.26971	1106.378223
2032	7	27899.78666	30092.90934	25706.66397	1107.192046
2032	8	27916.77466	30111.50314	25722.04617	1108.002731
2032	9	27933.7443	30130.07244	25737.41616	1108.810314
2032	10	27950.6955	30148.61723	25752.77377	1109.614831
2032	11	27967.62819	30167.13749	25768.11888	1110.416316
2032	12	27984.54229	30185.63323	25783.45134	1111.214803
2033	1	28001.43772	30204.10444	25798.771	1112.010328
2033	2	28018.31442	30222.55111	25814.07773	1112.802921
2033	3	28035.17231	30240.97323	25829.3714	1113.592617
2033	4	28052.01133	30259.3708	25844.65187	1114.379447
2033	5	28068.83141	30277.7438	25859.91901	1115.163442
2033	6	28085.63247	30296.09225	25875.17269	1115.944633
2033	7	28102.41446	30314.41612	25890.41279	1116.72305
2033	8	28119.17731	30332.71543	25905.63919	1117.498724
2033	9	28135.92096	30350.99015	25920.85177	1118.271682
2033	10	28152.64534	30369.24029	25936.0504	1119.041955
2033	11	28169.35041	30387.46584	25951.23497	1119.80957
2033	12	28186.03609	30405.66681	25966.40538	1120.574555
2034	1	28202.70234	30423.84318	25981.5615	1121.336937
2034	2	28219.34909	30441.99495	25996.70323	1122.096744
2034	3	28235.97629	30460.12212	26011.83046	1122.854
2034	4	28252.58389	30478.2247	26026.94308	1123.608733

2034	5	28269.17184	30496.30267	26042.04101	1124.360967
2034	6	28285.74008	30514.35603	26057.12412	1125.110728
2034	7	28302.28856	30532.38479	26072.19234	1125.858041
2034	8	28318.81725	30550.38894	26087.24555	1126.602928
2034	9	28335.32608	30568.36849	26102.28366	1127.345415
2034	10	28351.81501	30586.32343	26117.30659	1128.085525
2034	11	28368.284	30604.25377	26132.31424	1128.82328
2034	12	28384.73301	30622.1595	26147.30652	1129.558704
2035	1	28401.16198	30640.04062	26162.28334	1130.291817
2035	2	28417.57088	30657.89714	26177.24463	1131.022644
2035	3	28433.95968	30675.72906	26192.19029	1131.751204
2035	4	28450.32832	30693.53639	26207.12025	1132.477519
2035	5	28466.67677	30711.31911	26222.03442	1133.201609
2035	6	28483.00499	30729.07725	26236.93273	1133.923496
2035	7	28499.31295	30746.8108	26251.81511	1134.6432
2035	8	28515.60061	30764.51976	26266.68147	1135.360739
2035	9	28531.86794	30782.20414	26281.53174	1136.076135
2035	10	28548.1149	30799.86394	26296.36586	1136.789405
2035	11	28564.34146	30817.49917	26311.18375	1137.50057
2035	12	28580.54759	30835.10984	26325.98534	1138.209646
2036	1	28596.73326	30852.69595	26340.77057	1138.916654
2036	2	28612.89844	30870.25751	26355.53938	1139.62161
2036	3	28629.0431	30887.79452	26370.29169	1140.324533
2036	4	28645.16722	30905.30698	26385.02745	1141.025439
2036	5	28661.27076	30922.79492	26399.7466	1141.724347
2036	6	28677.35371	30940.25834	26414.44908	1142.421273
2036	7	28693.41603	30957.69723	26429.13483	1143.116233
2036	8	28709.45771	30975.11162	26443.80379	1143.809244
2036	9	28725.47871	30992.50152	26458.45591	1144.500323
2036	10	28741.47903	31009.86692	26473.09113	1145.189485
2036	11	28757.45863	31027.20785	26487.70941	1145.876745
2036	12	28773.4175	31044.5243	26502.31069	1146.56212
2037	1	28789.35561	31061.8163	26516.89492	1147.245624
2037	2	28805.27296	31079.08385	26531.46206	1147.927272
2037	3	28821.16951	31096.32697	26546.01206	1148.607079
2037	4	28837.04526	31113.54566	26560.54487	1149.28506
2037	5	28852.90019	31130.73994	26575.06044	1149.961229
2037	6	28868.73428	31147.90982	26589.55874	1150.6356
2037	7	28884.54752	31165.05532	26604.03972	1151.308187
2037	8	28900.33989	31182.17644	26618.50334	1151.979003
2037	9	28916.11139	31199.27321	26632.94956	1152.648062
2037	10	28931.86199	31216.34563	26647.37835	1153.315378
2037	11	28947.59169	31233.39371	26661.78966	1153.980963
2037	12	28963.30047	31250.41749	26676.18346	1154.64483
2038	1	28978.98833	31267.41696	26690.55971	1155.306992
2038	2	28994.65526	31284.39214	26704.91838	1155.967462
2038	3	29010.30125	31301.34306	26719.25944	1156.626252

2038	4	29025.92629	31318.26972	26733.58285	1157.283374
2038	5	29041.53037	31335.17215	26747.88859	1157.93884
2038	6	29057.11349	31352.05035	26762.17662	1158.592662
2038	7	29072.67563	31368.90436	26776.44691	1159.244852
2038	8	29088.21681	31385.73418	26790.69944	1159.895421
2038	9	29103.737	31402.53983	26804.93418	1160.54438
2038	10	29119.23621	31419.32133	26819.1511	1161.191742
2038	11	29134.71444	31436.0787	26833.35018	1161.837516
2038	12	29150.17168	31452.81197	26847.53139	1162.481714
2039	1	29165.60792	31469.52114	26861.69471	1163.124346
2039	2	29181.02318	31486.20624	26875.84012	1163.765424
2039	3	29196.41744	31502.86728	26889.9676	1164.404957
2039	4	29211.79071	31519.5043	26904.07712	1165.042956
2039	5	29227.14298	31536.1173	26918.16867	1165.679431
2039	6	29242.47427	31552.70632	26932.24222	1166.314392
2039	7	29257.78456	31569.27136	26946.29777	1166.94785
2039	8	29273.07387	31585.81246	26960.33528	1167.579813
2039	9	29288.34219	31602.32963	26974.35475	1168.210292
2039	10	29303.58953	31618.8229	26988.35616	1168.839296
2039	11	29318.8159	31635.29229	27002.3395	1169.466835
2039	12	29334.02128	31651.73782	27016.30475	1170.092917
2040	1	29349.2057	31668.15952	27030.25189	1170.717553
2040	2	29364.36916	31684.5574	27044.18092	1171.34075
2040	3	29379.51166	31700.9315	27058.09182	1171.962519
2040	4	29394.63321	31717.28183	27071.98459	1172.582867
2040	5	29409.73382	31733.60843	27085.8592	1173.201804
2040	6	29424.81349	31749.91131	27099.71566	1173.819339
2040	7	29439.87223	31766.1905	27113.55396	1174.435479
2040	8	29454.91005	31782.44602	27127.37407	1175.050233
2040	9	29469.92696	31798.67791	27141.17601	1175.663609
2040	10	29484.92297	31814.88618	27154.95976	1176.275617
2040	11	29499.89809	31831.07086	27168.72531	1176.886263
2040	12	29514.85232	31847.23199	27182.47266	1177.495556
2041	1	29529.78569	31863.36957	27196.2018	1178.103503
2041	2	29544.6982	31879.48365	27209.91274	1178.710114
2041	3	29559.58985	31895.57425	27223.60546	1179.315394
2041	4	29574.46068	31911.64139	27237.27997	1179.919352
2041	5	29589.31068	31927.68511	27250.93625	1180.521996
2041	6	29604.13987	31943.70542	27264.57432	1181.123333
2041	7	29618.94826	31959.70237	27278.19416	1181.723369
2041	8	29633.73588	31975.67597	27291.79578	1182.322114
2041	9	29648.50272	31991.62626	27305.37918	1182.919573
2041	10	29663.24881	32007.55326	27318.94435	1183.515754
2041	11	29677.97416	32023.45701	27332.49131	1184.110664
2041	12	29692.67878	32039.33752	27346.02004	1184.70431
2042	1	29707.3627	32055.19484	27359.53056	1185.296698
2042	2	29722.02593	32071.02899	27373.02286	1185.887836

2042	3	29736.66848	32086.84001	27386.49695	1186.477731
2042	4	29751.29037	32102.62791	27399.95283	1187.066388
2042	5	29765.89162	32118.39273	27413.39051	1187.653815
2042	6	29780.47225	32134.13451	27426.80998	1188.240018
2042	7	29795.03227	32149.85326	27440.21127	1188.825003
2042	8	29809.5717	32165.54904	27453.59436	1189.408778
2042	9	29824.09056	32181.22185	27466.95927	1189.991347
2042	10	29838.58888	32196.87174	27480.30601	1190.572718
2042	11	29853.06666	32212.49874	27493.63458	1191.152896
2042	12	29867.52393	32228.10288	27506.94498	1191.731888
2043	1	29881.96071	32243.68418	27520.23723	1192.3097
2043	2	29896.37701	32259.24269	27533.51134	1192.886337
2043	3	29910.77287	32274.77843	27546.76731	1193.461806
2043	4	29925.1483	32290.29144	27560.00515	1194.036113
2043	5	29939.50331	32305.78175	27573.22487	1194.609263
2043	6	29953.83794	32321.2494	27586.42649	1195.181261
2043	7	29968.1522	32336.6944	27599.61	1195.752115
2043	8	29982.44612	32352.11681	27612.77544	1196.321829
2043	9	29996.71972	32367.51665	27625.92279	1196.890408
2043	10	30010.97302	32382.89395	27639.05208	1197.457859
2043	11	30025.20604	32398.24875	27652.16332	1198.024187
2043	12	30039.4188	32413.58108	27665.25652	1198.589397
2044	1	30053.61134	32428.89098	27678.3317	1199.153494
2044	2	30067.78367	32444.17848	27691.38886	1199.716484
2044	3	30081.93581	32459.44361	27704.42802	1200.278373
2044	4	30096.0678	32474.68641	27717.44919	1200.839165
2044	5	30110.17965	32489.90692	27730.45239	1201.398865
2044	6	30124.2714	32505.10516	27743.43763	1201.957479
2044	7	30138.34305	32520.28118	27756.40493	1202.515011
2044	8	30152.39465	32535.435	27769.3543	1203.071467
2044	9	30166.42621	32550.56666	27782.28575	1203.626851
2044	10	30180.43776	32565.6762	27795.19931	1204.181169
2044	11	30194.42932	32580.76366	27808.09499	1204.734425
2044	12	30208.40093	32595.82906	27820.9728	1205.286624
2045	1	30222.35261	32610.87245	27833.83277	1205.837771
2045	2	30236.28438	32625.89385	27846.6749	1206.387871
2045	3	30250.19627	32640.89331	27859.49922	1206.936928
2045	4	30264.0883	32655.87086	27872.30575	1207.484947
2045	5	30277.96052	32670.82654	27885.09449	1208.031933
2045	6	30291.81293	32685.76038	27897.86547	1208.577889
2045	7	30305.64557	32700.67242	27910.61871	1209.122822
2045	8	30319.45847	32715.5627	27923.35423	1209.666734
2045	9	30333.25165	32730.43125	27936.07204	1210.209631
2045	10	30347.02514	32745.27811	27948.77217	1210.751517
2045	11	30360.77897	32760.10331	27961.45463	1211.292396
2045	12	30374.51317	32774.90689	27974.11944	1211.832273
2046	1	30388.22776	32789.6889	27986.76662	1212.371152

2046	2	30401.92278	32804.44936	27999.3962	1212.909037
2046	3	30415.59825	32819.18831	28012.00819	1213.445932
2046	4	30429.2542	32833.90579	28024.60261	1213.981842
2046	5	30442.89067	32848.60184	28037.17949	1214.516771
2046	6	30456.50767	32863.27649	28049.73884	1215.050723
2046	7	30470.10524	32877.92979	28062.2807	1215.583701
2046	8	30483.68341	32892.56176	28074.80506	1216.115711
2046	9	30497.24221	32907.17246	28087.31197	1216.646756
2046	10	30510.78167	32921.7619	28099.80144	1217.176839
2046	11	30524.30182	32936.33014	28112.27349	1217.705966
2046	12	30537.80268	32950.87721	28124.72815	1218.234139
2047	1	30551.28429	32965.40314	28137.16544	1218.761363
2047	2	30564.74668	32979.90798	28149.58538	1219.287642
2047	3	30578.18988	32994.39176	28161.98799	1219.812979
2047	4	30591.61391	33008.85453	28174.37329	1220.337379
2047	5	30605.01882	33023.29631	28186.74132	1220.860844
2047	6	30618.40462	33037.71715	28199.09209	1221.383379
2047	7	30631.77136	33052.11709	28211.42563	1221.904987
2047	8	30645.11906	33066.49616	28223.74195	1222.425673
2047	9	30658.44775	33080.85441	28236.04109	1222.945439
2047	10	30671.75747	33095.19186	28248.32307	1223.46429
2047	11	30685.04824	33109.50856	28260.58791	1223.982229
2047	12	30698.3201	33123.80455	28272.83564	1224.499259
2048	1	30711.57307	33138.07987	28285.06628	1225.015384
2048	2	30724.8072	33152.33455	28297.27985	1225.530608
2048	3	30738.02251	33166.56864	28309.47638	1226.044934
2048	4	30751.21903	33180.78216	28321.6559	1226.558366
2048	5	30764.3968	33194.97517	28333.81843	1227.070906
2048	6	30777.55585	33209.14769	28345.964	1227.582559
2048	7	30790.6962	33223.29978	28358.09262	1228.093328
2048	8	30803.81789	33237.43146	28370.20433	1228.603216
2048	9	30816.92096	33251.54277	28382.29916	1229.112226
2048	10	30830.00544	33265.63376	28394.37712	1229.620362
2048	11	30843.07135	33279.70446	28406.43824	1230.127627
2048	12	30856.11874	33293.75492	28418.48255	1230.634025
2049	1	30869.14762	33307.78516	28430.51008	1231.139558
2049	2	30882.15804	33321.79524	28442.52085	1231.64423
2049	3	30895.15004	33335.78518	28454.51489	1232.148044
2049	4	30908.12363	33349.75504	28466.49222	1232.651003
2049	5	30921.07885	33363.70483	28478.45287	1233.153111
2049	6	30934.01574	33377.63462	28490.39687	1233.65437
2049	7	30946.93434	33391.54443	28502.32424	1234.154784
2049	8	30959.83466	33405.4343	28514.23502	1234.654355
2049	9	30972.71675	33419.30428	28526.12922	1235.153088
2049	10	30985.58064	33433.1544	28538.00688	1235.650984
2049	11	30998.42636	33446.9847	28549.86802	1236.148047
2049	12	31011.25394	33460.79522	28561.71266	1236.64428

2050	1	31024.06342	33474.586	28573.54085	1237.139685
2050	2	31036.85484	33488.35708	28585.35259	1237.634267
2050	3	31049.62821	33502.10849	28597.14793	1238.128027
2050	4	31062.38359	33515.84029	28608.92689	1238.620969
2050	5	31075.12099	33529.5525	28620.68949	1239.113096
2050	6	31087.84046	33543.24516	28632.43577	1239.60441
2050	7	31100.54203	33556.91832	28644.16575	1240.094915
2050	8	31113.22573	33570.57201	28655.87946	1240.584613
2050	9	31125.8916	33584.20628	28667.57692	1241.073507
2050	10	31138.53966	33597.82115	28679.25817	1241.5616
2050	11	31151.16996	33611.41668	28690.92324	1242.048894
2050	12	31163.78252	33624.9929	28702.57214	1242.535393

Predicted
0.74%
0.90%
0.84%
0.79%
0.72%
0.58%

89.41%

not nessesary
significant

Year	Month	CUST_RES	mHHoldsSA	17-Oct	18-Oct	19-Jul	XMissing	YMissing
2010	11	1445980	2,495,076.33	0.00	0.00	0.00	0	0
2010	12	1447656	2,496,056.67	0.00	0.00	0.00	0	0
2011	1	1449209	2,497,037.00	0.00	0.00	0.00	0	0
2011	2	1451589	2,498,017.33	0.00	0.00	0.00	0	0
2011	3	1453156	2,498,997.67	0.00	0.00	0.00	0	0
2011	4	1453324	2,499,978.00	0.00	0.00	0.00	0	0
2011	5	1452344	2,500,958.33	0.00	0.00	0.00	0	0
2011	6	1452304	2,501,938.67	0.00	0.00	0.00	0	0
2011	7	1452071	2,502,919.00	0.00	0.00	0.00	0	0
2011	8	1451892	2,504,358.92	0.00	0.00	0.00	0	0
2011	9	1452133	2,505,798.83	0.00	0.00	0.00	0	0
2011	10	1452347	2,507,238.75	0.00	0.00	0.00	0	0
2011	11	1453846	2,508,678.67	0.00	0.00	0.00	0	0
2011	12	1455752	2,510,118.58	0.00	0.00	0.00	0	0
2012	1	1458136	2,511,558.50	0.00	0.00	0.00	0	0
2012	2	1460996	2,512,998.42	0.00	0.00	0.00	0	0
2012	3	1463879	2,514,438.33	0.00	0.00	0.00	0	0
2012	4	1464002	2,515,878.25	0.00	0.00	0.00	0	0
2012	5	1463086	2,517,318.17	0.00	0.00	0.00	0	0
2012	6	1463062	2,518,758.08	0.00	0.00	0.00	0	0
2012	7	1464991	2,520,198.00	0.00	0.00	0.00	0	0
2012	8	1464825	2,522,648.33	0.00	0.00	0.00	0	0
2012	9	1465160	2,525,098.67	0.00	0.00	0.00	0	0
2012	10	1465281	2,527,549.00	0.00	0.00	0.00	0	0
2012	11	1467018	2,529,999.33	0.00	0.00	0.00	0	0
2012	12	1469407	2,532,449.67	0.00	0.00	0.00	0	0
2013	1	1471228	2,534,900.00	0.00	0.00	0.00	0	0
2013	2	1473524	2,537,350.33	0.00	0.00	0.00	0	0
2013	3	1476494	2,539,800.67	0.00	0.00	0.00	0	0
2013	4	1476983	2,542,251.00	0.00	0.00	0.00	0	0
2013	5	1476072	2,544,701.33	0.00	0.00	0.00	0	0
2013	6	1476177	2,547,151.67	0.00	0.00	0.00	0	0
2013	7	1478112	2,549,602.00	0.00	0.00	0.00	0	0
2013	8	1478089	2,552,788.50	0.00	0.00	0.00	0	0
2013	9	1477554	2,555,975.00	0.00	0.00	0.00	0	0
2013	10	1479562	2,559,161.50	0.00	0.00	0.00	0	0
2013	11	1484265	2,562,348.00	0.00	0.00	0.00	0	0
2013	12	1488356	2,565,534.50	0.00	0.00	0.00	0	0
2014	1	1490408	2,568,721.00	0.00	0.00	0.00	0	0
2014	2	1491862	2,571,907.50	0.00	0.00	0.00	0	0
2014	3	1494804	2,575,094.00	0.00	0.00	0.00	0	0
2014	4	1498052	2,578,280.50	0.00	0.00	0.00	0	0
2014	5	1497403	2,581,467.00	0.00	0.00	0.00	0	0
2014	6	1499069	2,584,653.50	0.00	0.00	0.00	0	0
2014	7	1500360	2,587,840.00	0.00	0.00	0.00	0	0
2014	8	1501617	2,591,645.50	0.00	0.00	0.00	0	0

	Cust_RES	MHHoldSA
2010-2020 APCT	**1.45%**	**1.63%**
2015-2020 APCT	**1.70%**	**2.03%**
2020--2025 APCT	**2.07%**	**2.42%**
2025-2030 APCT	**1.53%**	**1.76%**
2030-2035 APCT	**1.10%**	**1.26%**
2035-2050 APCT	**0.85%**	**0.96%**

Growth in HH and Customers is Valid
High Growth due to in Migration to State and Millinial population aquiring homes
In migration due to attraction of Forida to retireees, new buisiness, and young population
Covid gave boost to HH and Customer Growth as peaple retired ealier and remote work trend took off.

MAPE	0.07%
Mean Absolute Deviation	1,006

2014	9	1504244	2,595,451.00	0.00	0.00	0.00	0	0
2014	10	1507135	2,599,256.50	0.00	0.00	0.00	0	0
2014	11	1512779	2,603,062.00	0.00	0.00	0.00	0	0
2014	12	1511013	2,606,867.50	0.00	0.00	0.00	0	0
2015	1	1514320	2,610,673.00	0.00	0.00	0.00	0	0
2015	2	1516193	2,614,478.50	0.00	0.00	0.00	0	0
2015	3	1519014	2,618,284.00	0.00	0.00	0.00	0	0
2015	4	1520413	2,622,089.50	0.00	0.00	0.00	0	0
2015	5	1521090	2,625,895.00	0.00	0.00	0.00	0	0
2015	6	1522877	2,629,700.50	0.00	0.00	0.00	0	0
2015	7	1524108	2,633,506.00	0.00	0.00	0.00	0	0
2015	8	1525732	2,637,584.33	0.00	0.00	0.00	0	0
2015	9	1528354	2,641,662.67	0.00	0.00	0.00	0	0
2015	10	1530221	2,645,741.00	0.00	0.00	0.00	0	0
2015	11	1533150	2,649,819.33	0.00	0.00	0.00	0	0
2015	12	1536369	2,653,897.67	0.00	0.00	0.00	0	0
2016	1	1538756	2,657,976.00	0.00	0.00	0.00	0	0
2016	2	1541820	2,662,054.33	0.00	0.00	0.00	0	0
2016	3	1544088	2,666,132.67	0.00	0.00	0.00	0	0
2016	4	1545687	2,670,211.00	0.00	0.00	0.00	0	0
2016	5	1546684	2,674,289.33	0.00	0.00	0.00	0	0
2016	6	1547448	2,678,367.67	0.00	0.00	0.00	0	0
2016	7	1548595	2,682,446.00	0.00	0.00	0.00	0	0
2016	8	1550721	2,686,529.08	0.00	0.00	0.00	0	0
2016	9	1552407	2,690,612.17	0.00	0.00	0.00	0	0
2016	10	1553795	2,694,695.25	0.00	0.00	0.00	0	0
2016	11	1555471	2,698,778.33	0.00	0.00	0.00	0	0
2016	12	1558704	2,702,861.42	0.00	0.00	0.00	0	0
2017	1	1561404	2,706,944.50	0.00	0.00	0.00	0	0
2017	2	1563934	2,711,027.58	0.00	0.00	0.00	0	0
2017	3	1566777	2,715,110.67	0.00	0.00	0.00	0	0
2017	4	1568382	2,719,193.75	0.00	0.00	0.00	0	0
2017	5	1569908	2,723,276.83	0.00	0.00	0.00	0	0
2017	6	1571275	2,727,359.92	0.00	0.00	0.00	0	0
2017	7	1573084	2,731,443.00	0.00	0.00	0.00	0	0
2017	8	1575202	2,735,662.75	0.00	0.00	0.00	0	0
2017	9	1576117	2,739,882.50	0.00	0.00	0.00	0	0
2017	10	1584676	2,744,102.25	1.00	0.00	0.00	0	0
2017	11	1582785	2,748,322.00	0.00	0.00	0.00	0	0
2017	12	1583496	2,752,541.75	0.00	0.00	0.00	0	0
2018	1	1587358	2,756,761.50	0.00	0.00	0.00	0	0
2018	2	1588420	2,760,981.25	0.00	0.00	0.00	0	0
2018	3	1590953	2,765,201.00	0.00	0.00	0.00	0	0
2018	4	1592926	2,769,420.75	0.00	0.00	0.00	0	0
2018	5	1593798	2,773,640.50	0.00	0.00	0.00	0	0
2018	6	1596891	2,777,860.25	0.00	0.00	0.00	0	0
2018	7	1599236	2,782,080.00	0.00	0.00	0.00	0	0

2018	8	1600135	2,786,544.33	0.00	0.00	0.00	0	0
2018	9	1605094	2,791,008.67	0.00	0.00	0.00	0	0
2018	10	1601907	2,795,473.00	0.00	1.00	0.00	0	0
2018	11	1610169	2,799,937.33	0.00	0.00	0.00	0	0
2018	12	1611246	2,804,401.67	0.00	0.00	0.00	0	0
2019	1	1615025	2,808,866.00	0.00	0.00	0.00	0	0
2019	2	1615733	2,813,330.33	0.00	0.00	0.00	0	0
2019	3	1618127	2,817,794.67	0.00	0.00	0.00	0	0
2019	4	1621987	2,822,259.00	0.00	0.00	0.00	0	0
2019	5	1621898	2,826,723.33	0.00	0.00	0.00	0	0
2019	6	1621150	2,831,187.67	0.00	0.00	0.00	0	0
2019	7	1628145	2,835,652.00	0.00	0.00	1.00	0	0
2019	8	1625799	2,841,227.08	0.00	0.00	0.00	0	0
2019	9	1627601	2,846,802.17	0.00	0.00	0.00	0	0
2019	10	1630220	2,852,377.25	0.00	0.00	0.00	0	0
2019	11	1633394	2,857,952.33	0.00	0.00	0.00	0	0
2019	12	1636473	2,863,527.42	0.00	0.00	0.00	0	0
2020	1	1639349	2,869,102.50	0.00	0.00	0.00	0	0
2020	2	1642823	2,874,677.58	0.00	0.00	0.00	0	0
2020	3	1644853	2,880,252.67	0.00	0.00	0.00	0	0
2020	4	1648060	2,885,827.75	0.00	0.00	0.00	0	0
2020	5	1650796	2,891,402.83	0.00	0.00	0.00	0	0
2020	6	1652761	2,896,977.92	0.00	0.00	0.00	0	0
2020	7	1656543	2,902,553.00	0.00	0.00	0.00	0	0
2020	8	1657899	2,908,974.92	0.00	0.00	0.00	0	0
2020	9	1663177	2,915,396.83	0.00	0.00	0.00	0	0
2020	10	1665158	2,921,818.75	0.00	0.00	0.00	0	0
2020	11	1666416	2,928,240.67	0.00	0.00	0.00	0	0
2020	12	1671874	2,934,662.58	0.00	0.00	0.00	0	0
2021	1	1671681	2,941,084.50	0.00	0.00	0.00	0	0
2021	2	1675535	2,947,506.42	0.00	0.00	0.00	0	0
2021	3	1678510	2,953,928.33	0.00	0.00	0.00	0	0
2021	4	1681018	2,960,350.25	0.00	0.00	0.00	0	0
2021	5	1684627	2,966,772.17	0.00	0.00	0.00	0	0
2021	6	1686246	2,973,194.08	0.00	0.00	0.00	0	0
2021	7	1686741.449	2,979,616.00	0.00	0.00	0.00	0	0
2021	8		2,986,172.33	0.00	0.00	0.00	0	1
2021	9		2,992,728.67	0.00	0.00	0.00	0	1
2021	10		2,999,285.00	0.00	0.00	0.00	0	1
2021	11		3,005,841.33	0.00	0.00	0.00	0	1
2021	12		3,012,397.67	0.00	0.00	0.00	0	1
2022	1		3,018,954.00	0.00	0.00	0.00	0	1
2022	2		3,025,510.33	0.00	0.00	0.00	0	1
2022	3		3,032,066.67	0.00	0.00	0.00	0	1
2022	4		3,038,623.00	0.00	0.00	0.00	0	1
2022	5		3,045,179.33	0.00	0.00	0.00	0	1
2022	6		3,051,735.67	0.00	0.00	0.00	0	1

2022	7	3,058,292.00	0.00	0.00	0.00	0	1
2022	8	3,064,587.92	0.00	0.00	0.00	0	1
2022	9	3,070,883.83	0.00	0.00	0.00	0	1
2022	10	3,077,179.75	0.00	0.00	0.00	0	1
2022	11	3,083,475.67	0.00	0.00	0.00	0	1
2022	12	3,089,771.58	0.00	0.00	0.00	0	1
2023	1	3,096,067.50	0.00	0.00	0.00	0	1
2023	2	3,102,363.42	0.00	0.00	0.00	0	1
2023	3	3,108,659.33	0.00	0.00	0.00	0	1
2023	4	3,114,955.25	0.00	0.00	0.00	0	1
2023	5	3,121,251.17	0.00	0.00	0.00	0	1
2023	6	3,127,547.08	0.00	0.00	0.00	0	1
2023	7	3,133,843.00	0.00	0.00	0.00	0	1
2023	8	3,139,872.50	0.00	0.00	0.00	0	1
2023	9	3,145,902.00	0.00	0.00	0.00	0	1
2023	10	3,151,931.50	0.00	0.00	0.00	0	1
2023	11	3,157,961.00	0.00	0.00	0.00	0	1
2023	12	3,163,990.50	0.00	0.00	0.00	0	1
2024	1	3,170,020.00	0.00	0.00	0.00	0	1
2024	2	3,176,049.50	0.00	0.00	0.00	0	1
2024	3	3,182,079.00	0.00	0.00	0.00	0	1
2024	4	3,188,108.50	0.00	0.00	0.00	0	1
2024	5	3,194,138.00	0.00	0.00	0.00	0	1
2024	6	3,200,167.50	0.00	0.00	0.00	0	1
2024	7	3,206,197.00	0.00	0.00	0.00	0	1
2024	8	3,212,186.33	0.00	0.00	0.00	0	1
2024	9	3,218,175.67	0.00	0.00	0.00	0	1
2024	10	3,224,165.00	0.00	0.00	0.00	0	1
2024	11	3,230,154.33	0.00	0.00	0.00	0	1
2024	12	3,236,143.67	0.00	0.00	0.00	0	1
2025	1	3,242,133.00	0.00	0.00	0.00	0	1
2025	2	3,248,122.33	0.00	0.00	0.00	0	1
2025	3	3,254,111.67	0.00	0.00	0.00	0	1
2025	4	3,260,101.00	0.00	0.00	0.00	0	1
2025	5	3,266,090.33	0.00	0.00	0.00	0	1
2025	6	3,272,079.67	0.00	0.00	0.00	0	1
2025	7	3,278,069.00	0.00	0.00	0.00	0	1
2025	8	3,283,793.08	0.00	0.00	0.00	0	1
2025	9	3,289,517.17	0.00	0.00	0.00	0	1
2025	10	3,295,241.25	0.00	0.00	0.00	0	1
2025	11	3,300,965.33	0.00	0.00	0.00	0	1
2025	12	3,306,689.42	0.00	0.00	0.00	0	1
2026	1	3,312,413.50	0.00	0.00	0.00	0	1
2026	2	3,318,137.58	0.00	0.00	0.00	0	1
2026	3	3,323,861.67	0.00	0.00	0.00	0	1
2026	4	3,329,585.75	0.00	0.00	0.00	0	1
2026	5	3,335,309.83	0.00	0.00	0.00	0	1

2026	6	3,341,033.92	0.00	0.00	0.00	0	1
2026	7	3,346,758.00	0.00	0.00	0.00	0	1
2026	8	3,352,195.50	0.00	0.00	0.00	0	1
2026	9	3,357,633.00	0.00	0.00	0.00	0	1
2026	10	3,363,070.50	0.00	0.00	0.00	0	1
2026	11	3,368,508.00	0.00	0.00	0.00	0	1
2026	12	3,373,945.50	0.00	0.00	0.00	0	1
2027	1	3,379,383.00	0.00	0.00	0.00	0	1
2027	2	3,384,820.50	0.00	0.00	0.00	0	1
2027	3	3,390,258.00	0.00	0.00	0.00	0	1
2027	4	3,395,695.50	0.00	0.00	0.00	0	1
2027	5	3,401,133.00	0.00	0.00	0.00	0	1
2027	6	3,406,570.50	0.00	0.00	0.00	0	1
2027	7	3,412,008.00	0.00	0.00	0.00	0	1
2027	8	3,417,135.25	0.00	0.00	0.00	0	1
2027	9	3,422,262.50	0.00	0.00	0.00	0	1
2027	10	3,427,389.75	0.00	0.00	0.00	0	1
2027	11	3,432,517.00	0.00	0.00	0.00	0	1
2027	12	3,437,644.25	0.00	0.00	0.00	0	1
2028	1	3,442,771.50	0.00	0.00	0.00	0	1
2028	2	3,447,898.75	0.00	0.00	0.00	0	1
2028	3	3,453,026.00	0.00	0.00	0.00	0	1
2028	4	3,458,153.25	0.00	0.00	0.00	0	1
2028	5	3,463,280.50	0.00	0.00	0.00	0	1
2028	6	3,468,407.75	0.00	0.00	0.00	0	1
2028	7	3,473,535.00	0.00	0.00	0.00	0	1
2028	8	3,478,329.08	0.00	0.00	0.00	0	1
2028	9	3,483,123.17	0.00	0.00	0.00	0	1
2028	10	3,487,917.25	0.00	0.00	0.00	0	1
2028	11	3,492,711.33	0.00	0.00	0.00	0	1
2028	12	3,497,505.42	0.00	0.00	0.00	0	1
2029	1	3,502,299.50	0.00	0.00	0.00	0	1
2029	2	3,507,093.58	0.00	0.00	0.00	0	1
2029	3	3,511,887.67	0.00	0.00	0.00	0	1
2029	4	3,516,681.75	0.00	0.00	0.00	0	1
2029	5	3,521,475.83	0.00	0.00	0.00	0	1
2029	6	3,526,269.92	0.00	0.00	0.00	0	1
2029	7	3,531,064.00	0.00	0.00	0.00	0	1
2029	8	3,535,633.75	0.00	0.00	0.00	0	1
2029	9	3,540,203.50	0.00	0.00	0.00	0	1
2029	10	3,544,773.25	0.00	0.00	0.00	0	1
2029	11	3,549,343.00	0.00	0.00	0.00	0	1
2029	12	3,553,912.75	0.00	0.00	0.00	0	1
2030	1	3,558,482.50	0.00	0.00	0.00	0	1
2030	2	3,563,052.25	0.00	0.00	0.00	0	1
2030	3	3,567,622.00	0.00	0.00	0.00	0	1
2030	4	3,572,191.75	0.00	0.00	0.00	0	1

2030	5	3,576,761.50	0.00	0.00	0.00	0	1
2030	6	3,581,331.25	0.00	0.00	0.00	0	1
2030	7	3,585,901.00	0.00	0.00	0.00	0	1
2030	8	3,590,237.17	0.00	0.00	0.00	0	1
2030	9	3,594,573.33	0.00	0.00	0.00	0	1
2030	10	3,598,909.50	0.00	0.00	0.00	0	1
2030	11	3,603,245.67	0.00	0.00	0.00	0	1
2030	12	3,607,581.83	0.00	0.00	0.00	0	1
2031	1	3,611,918.00	0.00	0.00	0.00	0	1
2031	2	3,616,254.17	0.00	0.00	0.00	0	1
2031	3	3,620,590.33	0.00	0.00	0.00	0	1
2031	4	3,624,926.50	0.00	0.00	0.00	0	1
2031	5	3,629,262.67	0.00	0.00	0.00	0	1
2031	6	3,633,598.83	0.00	0.00	0.00	0	1
2031	7	3,637,935.00	0.00	0.00	0.00	0	1
2031	8	3,642,043.83	0.00	0.00	0.00	0	1
2031	9	3,646,152.67	0.00	0.00	0.00	0	1
2031	10	3,650,261.50	0.00	0.00	0.00	0	1
2031	11	3,654,370.33	0.00	0.00	0.00	0	1
2031	12	3,658,479.17	0.00	0.00	0.00	0	1
2032	1	3,662,588.00	0.00	0.00	0.00	0	1
2032	2	3,666,696.83	0.00	0.00	0.00	0	1
2032	3	3,670,805.67	0.00	0.00	0.00	0	1
2032	4	3,674,914.50	0.00	0.00	0.00	0	1
2032	5	3,679,023.33	0.00	0.00	0.00	0	1
2032	6	3,683,132.17	0.00	0.00	0.00	0	1
2032	7	3,687,241.00	0.00	0.00	0.00	0	1
2032	8	3,691,133.25	0.00	0.00	0.00	0	1
2032	9	3,695,025.50	0.00	0.00	0.00	0	1
2032	10	3,698,917.75	0.00	0.00	0.00	0	1
2032	11	3,702,810.00	0.00	0.00	0.00	0	1
2032	12	3,706,702.25	0.00	0.00	0.00	0	1
2033	1	3,710,594.50	0.00	0.00	0.00	0	1
2033	2	3,714,486.75	0.00	0.00	0.00	0	1
2033	3	3,718,379.00	0.00	0.00	0.00	0	1
2033	4	3,722,271.25	0.00	0.00	0.00	0	1
2033	5	3,726,163.50	0.00	0.00	0.00	0	1
2033	6	3,730,055.75	0.00	0.00	0.00	0	1
2033	7	3,733,948.00	0.00	0.00	0.00	0	1
2033	8	3,737,635.08	0.00	0.00	0.00	0	1
2033	9	3,741,322.17	0.00	0.00	0.00	0	1
2033	10	3,745,009.25	0.00	0.00	0.00	0	1
2033	11	3,748,696.33	0.00	0.00	0.00	0	1
2033	12	3,752,383.42	0.00	0.00	0.00	0	1
2034	1	3,756,070.50	0.00	0.00	0.00	0	1
2034	2	3,759,757.58	0.00	0.00	0.00	0	1
2034	3	3,763,444.67	0.00	0.00	0.00	0	1

2034	4	3,767,131.75	0.00	0.00	0.00	0	1
2034	5	3,770,818.83	0.00	0.00	0.00	0	1
2034	6	3,774,505.92	0.00	0.00	0.00	0	1
2034	7	3,778,193.00	0.00	0.00	0.00	0	1
2034	8	3,781,828.75	0.00	0.00	0.00	0	1
2034	9	3,785,464.50	0.00	0.00	0.00	0	1
2034	10	3,789,100.25	0.00	0.00	0.00	0	1
2034	11	3,792,736.00	0.00	0.00	0.00	0	1
2034	12	3,796,371.75	0.00	0.00	0.00	0	1
2035	1	3,800,007.50	0.00	0.00	0.00	0	1
2035	2	3,803,643.25	0.00	0.00	0.00	0	1
2035	3	3,807,279.00	0.00	0.00	0.00	0	1
2035	4	3,810,914.75	0.00	0.00	0.00	0	1
2035	5	3,814,550.50	0.00	0.00	0.00	0	1
2035	6	3,818,186.25	0.00	0.00	0.00	0	1
2035	7	3,821,822.00	0.00	0.00	0.00	0	1
2035	8	3,825,422.17	0.00	0.00	0.00	0	1
2035	9	3,829,022.33	0.00	0.00	0.00	0	1
2035	10	3,832,622.50	0.00	0.00	0.00	0	1
2035	11	3,836,222.67	0.00	0.00	0.00	0	1
2035	12	3,839,822.83	0.00	0.00	0.00	0	1
2036	1	3,843,423.00	0.00	0.00	0.00	0	1
2036	2	3,847,023.17	0.00	0.00	0.00	0	1
2036	3	3,850,623.33	0.00	0.00	0.00	0	1
2036	4	3,854,223.50	0.00	0.00	0.00	0	1
2036	5	3,857,823.67	0.00	0.00	0.00	0	1
2036	6	3,861,423.83	0.00	0.00	0.00	0	1
2036	7	3,865,024.00	0.00	0.00	0.00	0	1
2036	8	3,868,447.50	0.00	0.00	0.00	0	1
2036	9	3,871,871.00	0.00	0.00	0.00	0	1
2036	10	3,875,294.50	0.00	0.00	0.00	0	1
2036	11	3,878,718.00	0.00	0.00	0.00	0	1
2036	12	3,882,141.50	0.00	0.00	0.00	0	1
2037	1	3,885,565.00	0.00	0.00	0.00	0	1
2037	2	3,888,988.50	0.00	0.00	0.00	0	1
2037	3	3,892,412.00	0.00	0.00	0.00	0	1
2037	4	3,895,835.50	0.00	0.00	0.00	0	1
2037	5	3,899,259.00	0.00	0.00	0.00	0	1
2037	6	3,902,682.50	0.00	0.00	0.00	0	1
2037	7	3,906,106.00	0.00	0.00	0.00	0	1
2037	8	3,909,496.17	0.00	0.00	0.00	0	1
2037	9	3,912,886.33	0.00	0.00	0.00	0	1
2037	10	3,916,276.50	0.00	0.00	0.00	0	1
2037	11	3,919,666.67	0.00	0.00	0.00	0	1
2037	12	3,923,056.83	0.00	0.00	0.00	0	1
2038	1	3,926,447.00	0.00	0.00	0.00	0	1
2038	2	3,929,837.17	0.00	0.00	0.00	0	1

2038	3	3,933,227.33	0.00	0.00	0.00	0	1
2038	4	3,936,617.50	0.00	0.00	0.00	0	1
2038	5	3,940,007.67	0.00	0.00	0.00	0	1
2038	6	3,943,397.83	0.00	0.00	0.00	0	1
2038	7	3,946,788.00	0.00	0.00	0.00	0	1
2038	8	3,950,146.67	0.00	0.00	0.00	0	1
2038	9	3,953,505.33	0.00	0.00	0.00	0	1
2038	10	3,956,864.00	0.00	0.00	0.00	0	1
2038	11	3,960,222.67	0.00	0.00	0.00	0	1
2038	12	3,963,581.33	0.00	0.00	0.00	0	1
2039	1	3,966,940.00	0.00	0.00	0.00	0	1
2039	2	3,970,298.67	0.00	0.00	0.00	0	1
2039	3	3,973,657.33	0.00	0.00	0.00	0	1
2039	4	3,977,016.00	0.00	0.00	0.00	0	1
2039	5	3,980,374.67	0.00	0.00	0.00	0	1
2039	6	3,983,733.33	0.00	0.00	0.00	0	1
2039	7	3,987,092.00	0.00	0.00	0.00	0	1
2039	8	3,990,420.92	0.00	0.00	0.00	0	1
2039	9	3,993,749.83	0.00	0.00	0.00	0	1
2039	10	3,997,078.75	0.00	0.00	0.00	0	1
2039	11	4,000,407.67	0.00	0.00	0.00	0	1
2039	12	4,003,736.58	0.00	0.00	0.00	0	1
2040	1	4,007,065.50	0.00	0.00	0.00	0	1
2040	2	4,010,394.42	0.00	0.00	0.00	0	1
2040	3	4,013,723.33	0.00	0.00	0.00	0	1
2040	4	4,017,052.25	0.00	0.00	0.00	0	1
2040	5	4,020,381.17	0.00	0.00	0.00	0	1
2040	6	4,023,710.08	0.00	0.00	0.00	0	1
2040	7	4,027,039.00	0.00	0.00	0.00	0	1
2040	8	4,030,339.33	0.00	0.00	0.00	0	1
2040	9	4,033,639.67	0.00	0.00	0.00	0	1
2040	10	4,036,940.00	0.00	0.00	0.00	0	1
2040	11	4,040,240.33	0.00	0.00	0.00	0	1
2040	12	4,043,540.67	0.00	0.00	0.00	0	1
2041	1	4,046,841.00	0.00	0.00	0.00	0	1
2041	2	4,050,141.33	0.00	0.00	0.00	0	1
2041	3	4,053,441.67	0.00	0.00	0.00	0	1
2041	4	4,056,742.00	0.00	0.00	0.00	0	1
2041	5	4,060,042.33	0.00	0.00	0.00	0	1
2041	6	4,063,342.67	0.00	0.00	0.00	0	1
2041	7	4,066,643.00	0.00	0.00	0.00	0	1
2041	8	4,069,913.50	0.00	0.00	0.00	0	1
2041	9	4,073,184.00	0.00	0.00	0.00	0	1
2041	10	4,076,454.50	0.00	0.00	0.00	0	1
2041	11	4,079,725.00	0.00	0.00	0.00	0	1
2041	12	4,082,995.50	0.00	0.00	0.00	0	1
2042	1	4,086,266.00	0.00	0.00	0.00	0	1

2042	2	4,089,536.50	0.00	0.00	0.00	0	1
2042	3	4,092,807.00	0.00	0.00	0.00	0	1
2042	4	4,096,077.50	0.00	0.00	0.00	0	1
2042	5	4,099,348.00	0.00	0.00	0.00	0	1
2042	6	4,102,618.50	0.00	0.00	0.00	0	1
2042	7	4,105,889.00	0.00	0.00	0.00	0	1
2042	8	4,109,127.67	0.00	0.00	0.00	0	1
2042	9	4,112,366.33	0.00	0.00	0.00	0	1
2042	10	4,115,605.00	0.00	0.00	0.00	0	1
2042	11	4,118,843.67	0.00	0.00	0.00	0	1
2042	12	4,122,082.33	0.00	0.00	0.00	0	1
2043	1	4,125,321.00	0.00	0.00	0.00	0	1
2043	2	4,128,559.67	0.00	0.00	0.00	0	1
2043	3	4,131,798.33	0.00	0.00	0.00	0	1
2043	4	4,135,037.00	0.00	0.00	0.00	0	1
2043	5	4,138,275.67	0.00	0.00	0.00	0	1
2043	6	4,141,514.33	0.00	0.00	0.00	0	1
2043	7	4,144,753.00	0.00	0.00	0.00	0	1
2043	8	4,147,957.92	0.00	0.00	0.00	0	1
2043	9	4,151,162.83	0.00	0.00	0.00	0	1
2043	10	4,154,367.75	0.00	0.00	0.00	0	1
2043	11	4,157,572.67	0.00	0.00	0.00	0	1
2043	12	4,160,777.58	0.00	0.00	0.00	0	1
2044	1	4,163,982.50	0.00	0.00	0.00	0	1
2044	2	4,167,187.42	0.00	0.00	0.00	0	1
2044	3	4,170,392.33	0.00	0.00	0.00	0	1
2044	4	4,173,597.25	0.00	0.00	0.00	0	1
2044	5	4,176,802.17	0.00	0.00	0.00	0	1
2044	6	4,180,007.08	0.00	0.00	0.00	0	1
2044	7	4,183,212.00	0.00	0.00	0.00	0	1
2044	8	4,186,381.25	0.00	0.00	0.00	0	1
2044	9	4,189,550.50	0.00	0.00	0.00	0	1
2044	10	4,192,719.75	0.00	0.00	0.00	0	1
2044	11	4,195,889.00	0.00	0.00	0.00	0	1
2044	12	4,199,058.25	0.00	0.00	0.00	0	1
2045	1	4,202,227.50	0.00	0.00	0.00	0	1
2045	2	4,205,396.75	0.00	0.00	0.00	0	1
2045	3	4,208,566.00	0.00	0.00	0.00	0	1
2045	4	4,211,735.25	0.00	0.00	0.00	0	1
2045	5	4,214,904.50	0.00	0.00	0.00	0	1
2045	6	4,218,073.75	0.00	0.00	0.00	0	1
2045	7	4,221,243.00	0.00	0.00	0.00	0	1
2045	8	4,224,376.58	0.00	0.00	0.00	0	1
2045	9	4,227,510.17	0.00	0.00	0.00	0	1
2045	10	4,230,643.75	0.00	0.00	0.00	0	1
2045	11	4,233,777.33	0.00	0.00	0.00	0	1
2045	12	4,236,910.92	0.00	0.00	0.00	0	1

2046	1	4,240,044.50	0.00	0.00	0.00	0	1
2046	2	4,243,178.08	0.00	0.00	0.00	0	1
2046	3	4,246,311.67	0.00	0.00	0.00	0	1
2046	4	4,249,445.25	0.00	0.00	0.00	0	1
2046	5	4,252,578.83	0.00	0.00	0.00	0	1
2046	6	4,255,712.42	0.00	0.00	0.00	0	1
2046	7	4,258,846.00	0.00	0.00	0.00	0	1
2046	8	4,262,117.08	0.00	0.00	0.00	0	1
2046	9	4,265,388.17	0.00	0.00	0.00	0	1
2046	10	4,268,659.25	0.00	0.00	0.00	0	1
2046	11	4,271,930.33	0.00	0.00	0.00	0	1
2046	12	4,275,201.42	0.00	0.00	0.00	0	1
2047	1	4,278,472.50	0.00	0.00	0.00	0	1
2047	2	4,281,743.58	0.00	0.00	0.00	0	1
2047	3	4,285,014.67	0.00	0.00	0.00	0	1
2047	4	4,288,285.75	0.00	0.00	0.00	0	1
2047	5	4,291,556.83	0.00	0.00	0.00	0	1
2047	6	4,294,827.92	0.00	0.00	0.00	0	1
2047	7	4,298,099.00	0.00	0.00	0.00	0	1
2047	8	4,301,358.00	0.00	0.00	0.00	0	1
2047	9	4,304,617.00	0.00	0.00	0.00	0	1
2047	10	4,307,876.00	0.00	0.00	0.00	0	1
2047	11	4,311,135.00	0.00	0.00	0.00	0	1
2047	12	4,314,394.00	0.00	0.00	0.00	0	1
2048	1	4,317,653.00	0.00	0.00	0.00	0	1
2048	2	4,320,912.00	0.00	0.00	0.00	0	1
2048	3	4,324,171.00	0.00	0.00	0.00	0	1
2048	4	4,327,430.00	0.00	0.00	0.00	0	1
2048	5	4,330,689.00	0.00	0.00	0.00	0	1
2048	6	4,333,948.00	0.00	0.00	0.00	0	1
2048	7	4,337,207.00	0.00	0.00	0.00	0	1
2048	8	4,340,464.75	0.00	0.00	0.00	0	1
2048	9	4,343,722.50	0.00	0.00	0.00	0	1
2048	10	4,346,980.25	0.00	0.00	0.00	0	1
2048	11	4,350,238.00	0.00	0.00	0.00	0	1
2048	12	4,353,495.75	0.00	0.00	0.00	0	1
2049	1	4,356,753.50	0.00	0.00	0.00	0	1
2049	2	4,360,011.25	0.00	0.00	0.00	0	1
2049	3	4,363,269.00	0.00	0.00	0.00	0	1
2049	4	4,366,526.75	0.00	0.00	0.00	0	1
2049	5	4,369,784.50	0.00	0.00	0.00	0	1
2049	6	4,373,042.25	0.00	0.00	0.00	0	1
2049	7	4,376,300.00	0.00	0.00	0.00	0	1
2049	8	4,379,567.75	0.00	0.00	0.00	0	1
2049	9	4,382,835.50	0.00	0.00	0.00	0	1
2049	10	4,386,103.25	0.00	0.00	0.00	0	1
2049	11	4,389,371.00	0.00	0.00	0.00	0	1

2049	12	4,392,638.75	0.00	0.00	0.00	0	1
2050	1	4,395,906.50	0.00	0.00	0.00	0	1
2050	2	4,399,174.25	0.00	0.00	0.00	0	1
2050	3	4,402,442.00	0.00	0.00	0.00	0	1
2050	4	4,405,709.75	0.00	0.00	0.00	0	1
2050	5	4,408,977.50	0.00	0.00	0.00	0	1
2050	6	4,412,245.25	0.00	0.00	0.00	0	1
2050	7	4,415,513.00	0.00	0.00	0.00	0	1
2050	8	4,418,780.75	0.00	0.00	0.00	0	1
2050	9	4,422,048.50	0.00	0.00	0.00	0	1
2050	10	4,425,316.25	0.00	0.00	0.00	0	1
2050	11	4,428,584.00	0.00	0.00	0.00	0	1
2050	12	4,431,851.75	0.00	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
CUST_RES	129	1,547,980.0	72,898.8	1,445,980.0	1,686,741.4	0.275	1.823	9.1	1.07E-02	1.000		EDB Adj
mHHoldsSA	129	2,684,716.1	144,643.0	2,495,076.3	2,979,616.0	0.373	1.911	9.4	9.28E-03	0.999		DEF 29 County Service Area Households
44486	129	0.0	0.1	0.0	1.0	11.225	127.008	85365.6	0.00E+00	0.045		
44487	129	0.0	0.1	0.0	1.0	11.225	127.008	85365.6	0.00E+00	0.066		
44396	129	0.0	0.1	0.0	1.0	11.225	127.008	85365.6	0.00E+00	0.098		

	CUST_RES	mHHoldsSA	17-Oct	18-Oct	19-Jul
CUST_RES	1.000	0.999	0.045	0.066	0.098
mHHoldsSA	0.999	1.000	0.036	0.068	0.093
44486	0.045	0.036	1.000	-0.008	-0.008
44487	0.066	0.068	-0.008	1.000	-0.008
44396	0.098	0.093	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CONST	251392.285	41986.784	5.987	0.00%		Constant term
mDEF_SA_Data.mHHoldsSA	0.483	0.015	31.816	0.00%		DEF 29 County Service Area Households
MBin.Oct17	5229.511	946.836	5.523	0.00%		
MBin.Oct18	-5712.395	946.573	-6.035	0.00%		
MBin.Jul19	4942.279	946.619	5.221	0.00%		
AR(1)	0.935	0.038	24.840	0.00%		

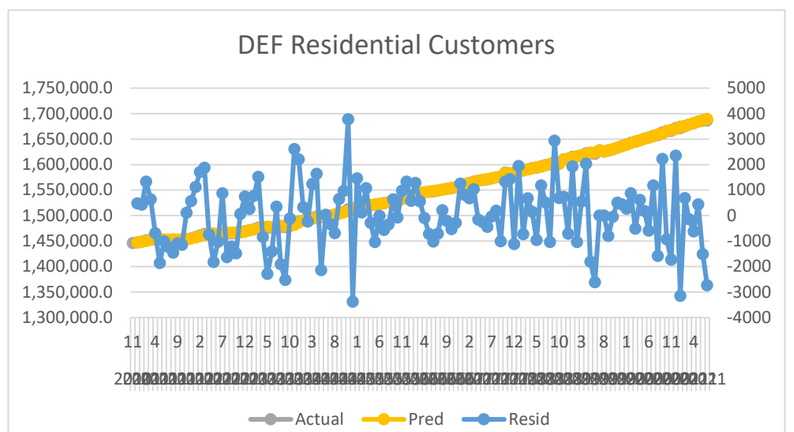
Model Statistics	
Iterations	13
Adjusted Observations	128
Deg. of Freedom for Error	122
R-Squared	1.000
Adjusted R-Squared	1.000
AIC	14.39
BIC	14.52
F-Statistic	79103.856
Prob (F-Statistic)	0.0000
Log-Likelihood	-1,096.43
Model Sum of Squares	669,531,168,948.71
Sum of Squared Errors	206,520,407.04
Mean Squared Error	1,692,790.22
Std. Error of Regression	1,301.07
Mean Abs. Dev. (MAD)	1,006.09
Mean Abs. % Err. (MAPE)	0.07%
Durbin-Watson Statistic	1.964
Durbin-H Statistic	#NA
Ljung-Box Statistic	50.47
Prob (Ljung-Box)	0.0012
Skewness	-0.036
Kurtosis	3.159
Jarque-Bera	0.164
Prob (Jarque-Bera)	0.9214

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid	MAPE
2010	11	1,445,980.0					
2010	12	1,447,656.0	1447179.78	476.2198322	0.000328959	0.366020919	0.0329%
2011	1	1,449,209.0	1448777.457	431.5428365	0.000297778	0.331682334	0.0298%
2011	2	1,451,589.0	1450260.147	1328.852818	0.000915447	1.021351688	0.0915%
2011	3	1,453,156.0	1452515.961	640.0389768	0.000440448	0.491931748	0.0440%
2011	4	1,453,324.0	1454011.739	-687.7389902	-0.000473218	-0.528593813	0.0473%
2011	5	1,452,344.0	1454199.657	-1855.656947	-0.001277698	-1.426251523	0.1278%
2011	6	1,452,304.0	1453314.363	-1010.363116	-0.000695697	-0.776561603	0.0696%
2011	7	1,452,071.0	1453307.832	-1236.831551	-0.000851771	-0.950624459	0.0852%
2011	8	1,451,892.0	1453342.964	-1450.964477	-0.000999361	-1.115206287	0.0999%
2011	9	1,452,133.0	1453220.957	-1087.95675	-0.000749213	-0.836199801	0.0749%
2011	10	1,452,347.0	1453491.587	-1144.587481	-0.000788095	-0.879725986	0.0788%
2011	11	1,453,846.0	1453736.977	109.022831	7.49893E-05	0.083794572	0.0075%
2011	12	1,455,752.0	1455183.654	568.3464293	0.000390414	0.436829103	0.0390%
2012	1	1,458,136.0	1457010.815	1125.184664	0.00077166	0.864813048	0.0772%
2012	2	1,460,996.0	1459284.837	1711.162937	0.00117123	1.315193926	0.1171%
2012	3	1,463,879.0	1462003.849	1875.150958	0.001280947	1.441234552	0.1281%
2012	4	1,464,002.0	1464744.363	-742.3626519	-0.000507078	-0.570577371	0.0507%
2012	5	1,463,086.0	1464904.681	-1818.680674	-0.001243044	-1.397831686	0.1243%
2012	6	1,463,062.0	1464093.686	-1031.685936	-0.000705155	-0.792950248	0.0705%
2012	7	1,464,991.0	1464116.58	874.4195031	0.000596877	0.672075811	0.0597%
2012	8	1,464,825.0	1466453.522	-1628.522396	-0.001111752	-1.251676691	0.1112%
2012	9	1,465,160.0	1466375.477	-1215.477412	-0.000829587	-0.934211742	0.0830%
2012	10	1,465,281.0	1466765.794	-1484.794019	-0.001013317	-1.141207556	0.1013%
2012	11	1,467,018.0	1466956.052	61.94801808	4.22272E-05	0.047613033	0.0042%
2012	12	1,469,407.0	1468657.033	749.9668412	0.000510387	0.576421925	0.0510%
2013	1	1,471,228.0	1470967.539	260.4611994	0.000177037	0.200189579	0.0177%
2013	2	1,473,524.0	1472747.048	776.9523307	0.000527275	0.597162879	0.0527%
2013	3	1,476,494.0	1474970.612	1523.388062	0.00103176	1.170870805	0.1032%
2013	4	1,476,983.0	1477824.267	-841.2674482	-0.000569585	-0.646595256	0.0570%
2013	5	1,476,072.0	1478358.551	-2286.55149	-0.001549079	-1.75743558	0.1549%
2013	6	1,476,177.0	1477584.041	-1407.040668	-0.000953165	-1.081446599	0.0953%
2013	7	1,478,112.0	1477759.341	352.659025	0.000238587	0.271052509	0.0239%
2013	8	1,478,089.0	1480001.172	-1912.171783	-0.001293678	-1.469688631	0.1294%
2013	9	1,477,554.0	1480079.987	-2525.986635	-0.001709573	-1.941464606	0.1710%
2013	10	1,479,562.0	1479680.157	-118.156507	-7.98591E-05	-0.090814683	0.0080%
2013	11	1,484,265.0	1481657.659	2607.341236	0.001756655	2.003993472	0.1757%
2013	12	1,488,356.0	1486154.591	2201.408868	0.001479088	1.691995255	0.1479%
2014	1	1,490,408.0	1490079.393	328.606825	0.000220481	0.252566071	0.0220%
2014	2	1,491,862.0	1492098.029	-236.0289844	-0.000158211	-0.181411063	0.0158%
2014	3	1,494,804.0	1493557.622	1246.377584	0.000833807	0.957961507	0.0834%
2014	4	1,498,052.0	1496408.278	1643.722182	0.00109724	1.263359194	0.1097%
2014	5	1,497,403.0	1499544.998	-2141.998382	-0.001430476	-1.646332561	0.1430%
2014	6	1,499,069.0	1499038.595	30.40504166	2.02826E-05	0.02336921	0.0020%
2014	7	1,500,360.0	1500696.377	-336.3773268	-0.000224198	-0.258538452	0.0224%
2014	8	1,501,617.0	1502302.718	-685.7181151	-0.000456653	-0.527040576	0.0457%

2014	9	1,504,244.0	1503597.633	646.3674064	0.000429696	0.496795757	0.0430%
2014	10	1,507,135.0	1506173.296	961.7036687	0.000638101	0.739162119	0.0638%
2014	11	1,512,779.0	1508995.761	3783.238614	0.002500853	2.907784136	0.2501%
2014	12	1,511,013.0	1514391.878	-3378.878055	-0.002236167	-2.596994006	0.2236%
2015	1	1,514,320.0	1512860.73	1459.269518	0.000963647	1.121589513	0.0964%
2015	2	1,516,193.0	1516072.095	120.9054183	7.97428E-05	0.092927487	0.0080%
2015	3	1,519,014.0	1517942.879	1071.1212	0.000705142	0.823260056	0.0705%
2015	4	1,520,413.0	1520699.904	-286.9041118	-0.000188701	-0.22051351	0.0189%
2015	5	1,521,090.0	1522127.568	-1037.567784	-0.000682121	-0.797471016	0.0682%
2015	6	1,522,877.0	1522880.267	-3.267247263	-2.14544E-06	-0.002511195	0.0002%
2015	7	1,524,108.0	1524670.654	-562.6540669	-0.000369169	-0.432453973	0.0369%
2015	8	1,525,732.0	1526073.108	-341.1076188	-0.00022357	-0.262174138	0.0224%
2015	9	1,528,354.0	1527719.703	634.2974168	0.00041502	0.487518805	0.0415%
2015	10	1,530,221.0	1530299.281	-78.28131449	-5.11569E-05	-0.060166748	0.0051%
2015	11	1,533,150.0	1532173.046	976.954327	0.00063722	0.750883723	0.0637%
2015	12	1,536,369.0	1535039.624	1329.375579	0.000865271	1.02175348	0.0865%
2016	1	1,538,756.0	1538177.311	578.689324	0.000376076	0.444778616	0.0376%
2016	2	1,541,820.0	1540537.199	1282.801159	0.000832004	0.985956542	0.0832%
2016	3	1,544,088.0	1543529.983	558.0171923	0.00036139	0.428890087	0.0361%
2016	4	1,545,687.0	1545778.623	-91.62340927	-5.92768E-05	-0.070421436	0.0059%
2016	5	1,546,684.0	1547401.847	-717.8470368	-0.00046412	-0.551734754	0.0464%
2016	6	1,547,448.0	1548462.289	-1014.288873	-0.000655459	-0.779578926	0.0655%
2016	7	1,548,595.0	1549304.91	-709.9098498	-0.000458422	-0.545634259	0.0458%
2016	8	1,550,721.0	1550507.875	213.1248806	0.000137436	0.163807047	0.0137%
2016	9	1,552,407.0	1552623.916	-216.9160658	-0.000139729	-0.166720939	0.0140%
2016	10	1,553,795.0	1554328.621	-533.6214837	-0.000343431	-0.41013963	0.0343%
2016	11	1,555,471.0	1555754.741	-283.7405663	-0.000182415	-0.21808202	0.0182%
2016	12	1,558,704.0	1557450.097	1253.902551	0.000804452	0.963745171	0.0804%
2017	1	1,561,404.0	1560601.021	802.9788085	0.000514267	0.61716674	0.0514%
2017	2	1,563,934.0	1563253.668	680.3319681	0.000435013	0.522900802	0.0435%
2017	3	1,566,777.0	1565747.39	1029.610218	0.000657152	0.791354859	0.0657%
2017	4	1,568,382.0	1568533.721	-151.7206689	-9.67371E-05	-0.116611982	0.0097%
2017	5	1,569,908.0	1570162.703	-254.7029554	-0.000162241	-0.195763812	0.0162%
2017	6	1,571,275.0	1571717.832	-442.8318174	-0.00028183	-0.340359006	0.0282%
2017	7	1,573,084.0	1573124.319	-40.31897713	-2.56305E-05	-0.030989027	0.0026%
2017	8	1,575,202.0	1575010.055	191.9451847	0.000121854	0.147528406	0.0122%
2017	9	1,576,117.0	1577122.919	-1005.919435	-0.000638226	-0.773146204	0.0638%
2017	10	1,584,676.0	1583340.666	1335.333808	0.000842654	1.026332954	0.0843%
2017	11	1,582,785.0	1581356.585	1428.41523	0.00090247	1.097875014	0.0902%
2017	12	1,583,496.0	1584610.448	-1114.448213	-0.00070379	-0.856561048	0.0704%
2018	1	1,587,358.0	1585407.974	1950.026006	0.001228473	1.498783255	0.1228%
2018	2	1,588,420.0	1589151.223	-731.2230723	-0.000460346	-0.562015529	0.0460%
2018	3	1,590,953.0	1590276.882	676.1175766	0.000424976	0.519661635	0.0425%
2018	4	1,592,926.0	1592777.711	148.2887655	9.30921E-05	0.113974233	0.0093%
2018	5	1,593,798.0	1594755.022	-957.0221003	-0.000600466	-0.735563882	0.0600%
2018	6	1,596,891.0	1595703.059	1187.940709	0.000743908	0.913047127	0.0744%
2018	7	1,599,236.0	1598727.406	508.5939522	0.000318023	0.390903556	0.0318%

2018	8	1,600,135.0	1601170.676	-1035.676007	-0.000647243	-0.796017003	0.0647%
2018	9	1,605,094.0	1602151.654	2942.345856	0.00183313	2.261476866	0.1833%
2018	10	1,601,907.0	1601215.742	691.2579692	0.000431522	0.531298488	0.0432%
2018	11	1,610,169.0	1609429.557	739.4431303	0.000459233	0.568333437	0.0459%
2018	12	1,611,246.0	1611953.608	-707.6084939	-0.000439169	-0.543865445	0.0439%
2019	1	1,615,025.0	1613100.991	1924.00945	0.001191319	1.478787021	0.1191%
2019	2	1,615,733.0	1616774.347	-1041.346692	-0.000644504	-0.800375472	0.0645%
2019	3	1,618,127.0	1617576.768	550.2321846	0.000340043	0.422906557	0.0340%
2019	4	1,621,987.0	1619955.352	2031.648104	0.001252567	1.561517718	0.1253%
2019	5	1,621,898.0	1623704.431	-1806.43117	-0.001113776	-1.38841676	0.1114%
2019	6	1,621,150.0	1623761.774	-2611.774075	-0.001611063	-2.007400536	0.1611%
2019	7	1,628,145.0	1628145.328	-0.327763135	-2.01311E-07	-0.000251918	0.0000%
2019	8	1,625,799.0	1625799.351	-0.350610678	-2.15654E-07	-0.000269478	0.0000%
2019	9	1,627,601.0	1628402.004	-801.004439	-0.000492138	-0.615649246	0.0492%
2019	10	1,630,220.0	1630262.124	-42.12357677	-2.58392E-05	-0.032376036	0.0026%
2019	11	1,633,394.0	1632886.018	507.9819972	0.000310998	0.390433209	0.0311%
2019	12	1,636,473.0	1636028.756	444.2438932	0.000271464	0.341444322	0.0271%
2020	1	1,639,349.0	1639082.683	266.3168692	0.000162453	0.204690226	0.0162%
2020	2	1,642,823.0	1641946.835	876.1651004	0.000533329	0.673417471	0.0533%
2020	3	1,644,853.0	1645370.029	-517.0290457	-0.000314331	-0.397386739	0.0314%
2020	4	1,648,060.0	1647443.295	616.7052244	0.000374201	0.473997506	0.0374%
2020	5	1,650,796.0	1650616.883	179.1169557	0.000108503	0.137668674	0.0109%
2020	6	1,652,761.0	1653350.155	-589.1553267	-0.000356467	-0.45282275	0.0356%
2020	7	1,656,543.0	1655362.656	1180.344419	0.000712535	0.907208645	0.0713%
2020	8	1,657,899.0	1659483.012	-1584.012321	-0.000955434	-1.217466401	0.0955%
2020	9	1,663,177.0	1660952.847	2224.153426	0.001337292	1.709476644	0.1337%
2020	10	1,665,158.0	1666089.176	-931.1761521	-0.000559212	-0.715698775	0.0559%
2020	11	1,666,416.0	1668143.294	-1727.293826	-0.001036532	-1.327592071	0.1037%
2020	12	1,671,874.0	1669521.512	2352.487561	0.001407096	1.808113817	0.1407%
2021	1	1,671,681.0	1674826.116	-3145.115642	-0.001881409	-2.417325023	0.1881%
2021	2	1,675,535.0	1674847.862	687.138136	0.000410101	0.528131999	0.0410%
2021	3	1,678,510.0	1678652.96	-142.9600949	-8.51708E-05	-0.109878635	0.0085%
2021	4	1,681,018.0	1681636.322	-618.3221223	-0.000367826	-0.475240248	0.0368%
2021	5	1,684,627.0	1684183.108	443.8924227	0.000263496	0.341174183	0.0263%
2021	6	1,686,246.0	1687759.167	-1513.166707	-0.000897358	-1.163014706	0.0897%
2021	7	1,686,741.4	1689474.867	-2733.418781	-0.001620532	-2.100896237	0.1621%
2021	8		1690205.168				
2021	9		1693649.643				
2021	10		1697076.128				
2021	11		1700485.793				
2021	12		1703879.735				
2022	1		1707258.978				
2022	2		1710624.479				
2022	3		1713977.135				
2022	4		1717317.781				
2022	5		1720647.2				
2022	6		1723966.124				



2022	7	1727275.237
2022	8	1730449.331
2022	9	1733614.851
2022	10	1736772.354
2022	11	1739922.363
2022	12	1743065.366
2023	1	1746201.82
2023	2	1749332.151
2023	3	1752456.758
2023	4	1755576.014
2023	5	1758690.268
2023	6	1761799.844
2023	7	1764905.05
2023	8	1767877.423
2023	9	1770845.976
2023	10	1773810.957
2023	11	1776772.598
2023	12	1779731.118
2024	1	1782686.72
2024	2	1785639.593
2024	3	1788589.916
2024	4	1791537.855
2024	5	1794483.565
2024	6	1797427.191
2024	7	1800368.869
2024	8	1803289.315
2024	9	1806208.059
2024	10	1809125.212
2024	11	1812040.876
2024	12	1814955.15
2025	1	1817868.123
2025	2	1820779.881
2025	3	1823690.502
2025	4	1826600.061
2025	5	1829508.627
2025	6	1832416.264
2025	7	1835323.034
2025	8	1838100.811
2025	9	1840877.829
2025	10	1843654.139
2025	11	1846429.785
2025	12	1849204.812
2026	1	1851979.259
2026	2	1854753.165
2026	3	1857526.564
2026	4	1860299.49
2026	5	1863071.973

Forecast model good.
Compare to history for 7/1/2021 to 12/31/2021

2010 to 2020 APCT	1.45%
2015 to 2020 APCT	1.70%
2018 to 2020	1.86%
2020 to 2025	2.07%
2025 to 2030	1.53%
2030 to 2035	1.10%
2035-2050	0.85%

2026	6	1865844.043
2026	7	1868615.726
2026	8	1871248.557
2026	9	1873881.051
2026	10	1876513.228
2026	11	1879145.111
2026	12	1881776.716
2027	1	1884408.064
2027	2	1887039.171
2027	3	1889670.051
2027	4	1892300.721
2027	5	1894931.194
2027	6	1897561.482
2027	7	1900191.598
2027	8	1902671.627
2027	9	1905151.504
2027	10	1907631.241
2027	11	1910110.846
2027	12	1912590.328
2028	1	1915069.696
2028	2	1917548.955
2028	3	1920028.114
2028	4	1922507.179
2028	5	1924986.156
2028	6	1927465.052
2028	7	1929943.87
2028	8	1932261.615
2028	9	1934579.294
2028	10	1936896.909
2028	11	1939214.466
2028	12	1941531.968
2029	1	1943849.419
2029	2	1946166.822
2029	3	1948484.181
2029	4	1950801.497
2029	5	1953118.774
2029	6	1955436.015
2029	7	1957753.221
2029	8	1959961.987
2029	9	1962170.724
2029	10	1964379.433
2029	11	1966588.115
2029	12	1968796.773
2030	1	1971005.408
2030	2	1973214.022
2030	3	1975422.616
2030	4	1977631.191

2030	5	1979839.749
2030	6	1982048.291
2030	7	1984256.817
2030	8	1986352.451
2030	9	1988448.072
2030	10	1990543.68
2030	11	1992639.277
2030	12	1994734.863
2031	1	1996830.438
2031	2	1998926.004
2031	3	2001021.562
2031	4	2003117.111
2031	5	2005212.652
2031	6	2007308.185
2031	7	2009403.713
2031	8	2011389.376
2031	9	2013375.033
2031	10	2015360.684
2031	11	2017346.331
2031	12	2019331.972
2032	1	2021317.609
2032	2	2023303.242
2032	3	2025288.871
2032	4	2027274.496
2032	5	2029260.118
2032	6	2031245.736
2032	7	2033231.351
2032	8	2035112.301
2032	9	2036993.248
2032	10	2038874.193
2032	11	2040755.136
2032	12	2042636.076
2033	1	2044517.014
2033	2	2046397.95
2033	3	2048278.885
2033	4	2050159.818
2033	5	2052040.749
2033	6	2053921.679
2033	7	2055802.607
2033	8	2057584.389
2033	9	2059366.169
2033	10	2061147.949
2033	11	2062929.727
2033	12	2064711.504
2034	1	2066493.281
2034	2	2068275.056
2034	3	2070056.831

2034	4	2071838.605
2034	5	2073620.379
2034	6	2075402.151
2034	7	2077183.923
2034	8	2078940.888
2034	9	2080697.853
2034	10	2082454.817
2034	11	2084211.78
2034	12	2085968.743
2035	1	2087725.706
2035	2	2089482.669
2035	3	2091239.63
2035	4	2092996.592
2035	5	2094753.553
2035	6	2096510.514
2035	7	2098267.475
2035	8	2100007.24
2035	9	2101747.005
2035	10	2103486.77
2035	11	2105226.534
2035	12	2106966.298
2036	1	2108706.062
2036	2	2110445.826
2036	3	2112185.59
2036	4	2113925.354
2036	5	2115665.117
2036	6	2117404.88
2036	7	2119144.644
2036	8	2120799.033
2036	9	2122453.423
2036	10	2124107.813
2036	11	2125762.202
2036	12	2127416.592
2037	1	2129070.981
2037	2	2130725.371
2037	3	2132379.76
2037	4	2134034.149
2037	5	2135688.538
2037	6	2137342.927
2037	7	2138997.316
2037	8	2140635.597
2037	9	2142273.878
2037	10	2143912.158
2037	11	2145550.439
2037	12	2147188.72
2038	1	2148827
2038	2	2150465.281

2038	3	2152103.561
2038	4	2153741.842
2038	5	2155380.122
2038	6	2157018.403
2038	7	2158656.683
2038	8	2160279.742
2038	9	2161902.8
2038	10	2163525.858
2038	11	2165148.916
2038	12	2166771.974
2039	1	2168395.032
2039	2	2170018.09
2039	3	2171641.148
2039	4	2173264.207
2039	5	2174887.265
2039	6	2176510.323
2039	7	2178133.381
2039	8	2179742.062
2039	9	2181350.744
2039	10	2182959.425
2039	11	2184568.107
2039	12	2186176.788
2040	1	2187785.469
2040	2	2189394.151
2040	3	2191002.832
2040	4	2192611.514
2040	5	2194220.195
2040	6	2195828.877
2040	7	2197437.558
2040	8	2199032.427
2040	9	2200627.295
2040	10	2202222.164
2040	11	2203817.033
2040	12	2205411.901
2041	1	2207006.77
2041	2	2208601.639
2041	3	2210196.507
2041	4	2211791.376
2041	5	2213386.245
2041	6	2214981.113
2041	7	2216575.982
2041	8	2218156.434
2041	9	2219736.886
2041	10	2221317.337
2041	11	2222897.789
2041	12	2224478.241
2042	1	2226058.693

2042	2	2227639.145
2042	3	2229219.597
2042	4	2230800.048
2042	5	2232380.5
2042	6	2233960.952
2042	7	2235541.404
2042	8	2237106.472
2042	9	2238671.541
2042	10	2240236.609
2042	11	2241801.678
2042	12	2243366.746
2043	1	2244931.815
2043	2	2246496.884
2043	3	2248061.952
2043	4	2249627.021
2043	5	2251192.089
2043	6	2252757.158
2043	7	2254322.226
2043	8	2255870.985
2043	9	2257419.744
2043	10	2258968.503
2043	11	2260517.262
2043	12	2262066.021
2044	1	2263614.78
2044	2	2265163.539
2044	3	2266712.298
2044	4	2268261.057
2044	5	2269809.816
2044	6	2271358.575
2044	7	2272907.334
2044	8	2274438.858
2044	9	2275970.381
2044	10	2277501.904
2044	11	2279033.427
2044	12	2280564.951
2045	1	2282096.474
2045	2	2283627.997
2045	3	2285159.521
2045	4	2286691.044
2045	5	2288222.567
2045	6	2289754.09
2045	7	2291285.614
2045	8	2292799.901
2045	9	2294314.189
2045	10	2295828.476
2045	11	2297342.764
2045	12	2298857.051

2046	1	2300371.339
2046	2	2301885.627
2046	3	2303399.914
2046	4	2304914.202
2046	5	2306428.489
2046	6	2307942.777
2046	7	2309457.064
2046	8	2311037.798
2046	9	2312618.532
2046	10	2314199.265
2046	11	2315779.999
2046	12	2317360.733
2047	1	2318941.467
2047	2	2320522.2
2047	3	2322102.934
2047	4	2323683.668
2047	5	2325264.401
2047	6	2326845.135
2047	7	2328425.869
2047	8	2330000.763
2047	9	2331575.658
2047	10	2333150.552
2047	11	2334725.447
2047	12	2336300.341
2048	1	2337875.236
2048	2	2339450.13
2048	3	2341025.025
2048	4	2342599.919
2048	5	2344174.814
2048	6	2345749.708
2048	7	2347324.603
2048	8	2348898.893
2048	9	2350473.184
2048	10	2352047.474
2048	11	2353621.764
2048	12	2355196.055
2049	1	2356770.345
2049	2	2358344.636
2049	3	2359918.926
2049	4	2361493.217
2049	5	2363067.507
2049	6	2364641.798
2049	7	2366216.088
2049	8	2367795.211
2049	9	2369374.334
2049	10	2370953.457
2049	11	2372532.58

2049	12	2374111.702
2050	1	2375690.825
2050	2	2377269.948
2050	3	2378849.071
2050	4	2380428.194
2050	5	2382007.317
2050	6	2383586.44
2050	7	2385165.563
2050	8	2386744.685
2050	9	2388323.808
2050	10	2389902.931
2050	11	2391482.054
2050	12	2393061.177

Variable	Coefficient	Mean	Elast	Units	Definition
mHHoldsSA	0.483	2,684,716.105	0.838		DEF 29 County Service Area Households
44486	5229.511	0.008	0.000		
44487	-5712.395	0.008	-0.000		
44396	4942.279	0.008	0.000		

Year	Month	Pred	CONST	mHHoldsSA	17-Oct	18-Oct	19-Jul	ARMA	X-Missing
2010	11		251,392.3	1,205,732.4	0.0	0.0	0.0		0.0
2010	12	1,447,179.8	251,392.3	1,206,206.2	0.0	0.0	0.0	-10,418.7	0.0
2011	1	1,448,777.5	251,392.3	1,206,679.9	0.0	0.0	0.0	-9,294.7	0.0
2011	2	1,450,260.1	251,392.3	1,207,153.6	0.0	0.0	0.0	-8,285.8	0.0
2011	3	1,452,516.0	251,392.3	1,207,627.4	0.0	0.0	0.0	-6,503.7	0.0
2011	4	1,454,011.7	251,392.3	1,208,101.1	0.0	0.0	0.0	-5,481.7	0.0
2011	5	1,454,199.7	251,392.3	1,208,574.9	0.0	0.0	0.0	-5,767.5	0.0
2011	6	1,453,314.4	251,392.3	1,209,048.6	0.0	0.0	0.0	-7,126.5	0.0
2011	7	1,453,307.8	251,392.3	1,209,522.4	0.0	0.0	0.0	-7,606.8	0.0
2011	8	1,453,343.0	251,392.3	1,210,218.2	0.0	0.0	0.0	-8,267.5	0.0
2011	9	1,453,221.0	251,392.3	1,210,914.0	0.0	0.0	0.0	-9,085.3	0.0
2011	10	1,453,491.6	251,392.3	1,211,609.9	0.0	0.0	0.0	-9,510.5	0.0
2011	11	1,453,737.0	251,392.3	1,212,305.7	0.0	0.0	0.0	-9,961.0	0.0
2011	12	1,455,183.7	251,392.3	1,213,001.5	0.0	0.0	0.0	-9,210.1	0.0
2012	1	1,457,010.8	251,392.3	1,213,697.3	0.0	0.0	0.0	-8,078.8	0.0
2012	2	1,459,284.8	251,392.3	1,214,393.2	0.0	0.0	0.0	-6,500.6	0.0
2012	3	1,462,003.8	251,392.3	1,215,089.0	0.0	0.0	0.0	-4,477.4	0.0
2012	4	1,464,744.4	251,392.3	1,215,784.8	0.0	0.0	0.0	-2,432.8	0.0
2012	5	1,464,904.7	251,392.3	1,216,480.7	0.0	0.0	0.0	-2,968.3	0.0
2012	6	1,464,093.7	251,392.3	1,217,176.5	0.0	0.0	0.0	-4,475.1	0.0
2012	7	1,464,116.6	251,392.3	1,217,872.3	0.0	0.0	0.0	-5,148.0	0.0
2012	8	1,466,453.5	251,392.3	1,219,056.4	0.0	0.0	0.0	-3,995.2	0.0
2012	9	1,466,375.5	251,392.3	1,220,240.6	0.0	0.0	0.0	-5,257.4	0.0
2012	10	1,466,765.8	251,392.3	1,221,424.7	0.0	0.0	0.0	-6,051.2	0.0
2012	11	1,466,956.1	251,392.3	1,222,608.8	0.0	0.0	0.0	-7,045.0	0.0
2012	12	1,468,657.0	251,392.3	1,223,792.9	0.0	0.0	0.0	-6,528.1	0.0
2013	1	1,470,967.5	251,392.3	1,224,977.0	0.0	0.0	0.0	-5,401.7	0.0
2013	2	1,472,747.0	251,392.3	1,226,161.1	0.0	0.0	0.0	-4,806.4	0.0
2013	3	1,474,970.6	251,392.3	1,227,345.2	0.0	0.0	0.0	-3,766.9	0.0
2013	4	1,477,824.3	251,392.3	1,228,529.3	0.0	0.0	0.0	-2,097.4	0.0
2013	5	1,478,358.6	251,392.3	1,229,713.4	0.0	0.0	0.0	-2,747.2	0.0
2013	6	1,477,584.0	251,392.3	1,230,897.6	0.0	0.0	0.0	-4,705.8	0.0
2013	7	1,477,759.3	251,392.3	1,232,081.7	0.0	0.0	0.0	-5,714.6	0.0
2013	8	1,480,001.2	251,392.3	1,233,621.5	0.0	0.0	0.0	-5,012.6	0.0
2013	9	1,480,080.0	251,392.3	1,235,161.4	0.0	0.0	0.0	-6,473.7	0.0
2013	10	1,479,680.2	251,392.3	1,236,701.2	0.0	0.0	0.0	-8,413.4	0.0
2013	11	1,481,657.7	251,392.3	1,238,241.1	0.0	0.0	0.0	-7,975.7	0.0
2013	12	1,486,154.6	251,392.3	1,239,781.0	0.0	0.0	0.0	-5,018.7	0.0
2014	1	1,490,079.4	251,392.3	1,241,320.8	0.0	0.0	0.0	-2,633.7	0.0
2014	2	1,492,098.0	251,392.3	1,242,860.7	0.0	0.0	0.0	-2,154.9	0.0
2014	3	1,493,557.6	251,392.3	1,244,400.5	0.0	0.0	0.0	-2,235.2	0.0
2014	4	1,496,408.3	251,392.3	1,245,940.4	0.0	0.0	0.0	-924.4	0.0
2014	5	1,499,545.0	251,392.3	1,247,480.3	0.0	0.0	0.0	672.5	0.0
2014	6	1,499,038.6	251,392.3	1,249,020.1	0.0	0.0	0.0	-1,373.8	0.0
2014	7	1,500,696.4	251,392.3	1,250,560.0	0.0	0.0	0.0	-1,255.9	0.0
2014	8	1,502,302.7	251,392.3	1,252,399.0	0.0	0.0	0.0	-1,488.5	0.0

2014	9	1,503,597.6	251,392.3	1,254,238.0	0.0	0.0	0.0	-2,032.6	0.0
2014	10	1,506,173.3	251,392.3	1,256,076.9	0.0	0.0	0.0	-1,295.9	0.0
2014	11	1,508,995.8	251,392.3	1,257,915.9	0.0	0.0	0.0	-312.5	0.0
2014	12	1,514,391.9	251,392.3	1,259,754.9	0.0	0.0	0.0	3,244.7	0.0
2015	1	1,512,860.7	251,392.3	1,261,593.9	0.0	0.0	0.0	-125.5	0.0
2015	2	1,516,072.1	251,392.3	1,263,432.9	0.0	0.0	0.0	1,246.9	0.0
2015	3	1,517,942.9	251,392.3	1,265,271.9	0.0	0.0	0.0	1,278.7	0.0
2015	4	1,520,699.9	251,392.3	1,267,110.9	0.0	0.0	0.0	2,196.8	0.0
2015	5	1,522,127.6	251,392.3	1,268,949.9	0.0	0.0	0.0	1,785.4	0.0
2015	6	1,522,880.3	251,392.3	1,270,788.8	0.0	0.0	0.0	699.1	0.0
2015	7	1,524,670.7	251,392.3	1,272,627.8	0.0	0.0	0.0	650.5	0.0
2015	8	1,526,073.1	251,392.3	1,274,598.7	0.0	0.0	0.0	82.2	0.0
2015	9	1,527,719.7	251,392.3	1,276,569.5	0.0	0.0	0.0	-242.1	0.0
2015	10	1,530,299.3	251,392.3	1,278,540.3	0.0	0.0	0.0	366.7	0.0
2015	11	1,532,173.0	251,392.3	1,280,511.2	0.0	0.0	0.0	269.6	0.0
2015	12	1,535,039.6	251,392.3	1,282,482.0	0.0	0.0	0.0	1,165.3	0.0
2016	1	1,538,177.3	251,392.3	1,284,452.8	0.0	0.0	0.0	2,332.2	0.0
2016	2	1,540,537.2	251,392.3	1,286,423.7	0.0	0.0	0.0	2,721.3	0.0
2016	3	1,543,530.0	251,392.3	1,288,394.5	0.0	0.0	0.0	3,743.2	0.0
2016	4	1,545,778.6	251,392.3	1,290,365.3	0.0	0.0	0.0	4,021.0	0.0
2016	5	1,547,401.8	251,392.3	1,292,336.2	0.0	0.0	0.0	3,673.4	0.0
2016	6	1,548,462.3	251,392.3	1,294,307.0	0.0	0.0	0.0	2,763.0	0.0
2016	7	1,549,304.9	251,392.3	1,296,277.8	0.0	0.0	0.0	1,634.8	0.0
2016	8	1,550,507.9	251,392.3	1,298,251.0	0.0	0.0	0.0	864.6	0.0
2016	9	1,552,623.9	251,392.3	1,300,224.1	0.0	0.0	0.0	1,007.5	0.0
2016	10	1,554,328.6	251,392.3	1,302,197.2	0.0	0.0	0.0	739.1	0.0
2016	11	1,555,754.7	251,392.3	1,304,170.3	0.0	0.0	0.0	192.1	0.0
2016	12	1,557,450.1	251,392.3	1,306,143.5	0.0	0.0	0.0	-85.7	0.0
2017	1	1,560,601.0	251,392.3	1,308,116.6	0.0	0.0	0.0	1,092.1	0.0
2017	2	1,563,253.7	251,392.3	1,310,089.7	0.0	0.0	0.0	1,771.7	0.0
2017	3	1,565,747.4	251,392.3	1,312,062.9	0.0	0.0	0.0	2,292.3	0.0
2017	4	1,568,533.7	251,392.3	1,314,036.0	0.0	0.0	0.0	3,105.5	0.0
2017	5	1,570,162.7	251,392.3	1,316,009.1	0.0	0.0	0.0	2,761.3	0.0
2017	6	1,571,717.8	251,392.3	1,317,982.2	0.0	0.0	0.0	2,343.3	0.0
2017	7	1,573,124.3	251,392.3	1,319,955.4	0.0	0.0	0.0	1,776.7	0.0
2017	8	1,575,010.1	251,392.3	1,321,994.5	0.0	0.0	0.0	1,623.2	0.0
2017	9	1,577,122.9	251,392.3	1,324,033.7	0.0	0.0	0.0	1,696.9	0.0
2017	10	1,583,340.7	251,392.3	1,326,072.9	5,229.5	0.0	0.0	646.0	0.0
2017	11	1,581,356.6	251,392.3	1,328,112.1	0.0	0.0	0.0	1,852.2	0.0
2017	12	1,584,610.4	251,392.3	1,330,151.2	0.0	0.0	0.0	3,066.9	0.0
2018	1	1,585,408.0	251,392.3	1,332,190.4	0.0	0.0	0.0	1,825.3	0.0
2018	2	1,589,151.2	251,392.3	1,334,229.6	0.0	0.0	0.0	3,529.4	0.0
2018	3	1,590,276.9	251,392.3	1,336,268.7	0.0	0.0	0.0	2,615.9	0.0
2018	4	1,592,777.7	251,392.3	1,338,307.9	0.0	0.0	0.0	3,077.5	0.0
2018	5	1,594,755.0	251,392.3	1,340,347.1	0.0	0.0	0.0	3,015.7	0.0
2018	6	1,595,703.1	251,392.3	1,342,386.3	0.0	0.0	0.0	1,924.5	0.0
2018	7	1,598,727.4	251,392.3	1,344,425.4	0.0	0.0	0.0	2,909.7	0.0

2018	8	1,601,170.7	251,392.3	1,346,582.8	0.0	0.0	0.0	3,195.6	0.0
2018	9	1,602,151.7	251,392.3	1,348,740.2	0.0	0.0	0.0	2,019.2	0.0
2018	10	1,601,215.7	251,392.3	1,350,897.5	0.0	-5,712.4	0.0	4,638.3	0.0
2018	11	1,609,429.6	251,392.3	1,353,054.9	0.0	0.0	0.0	4,982.4	0.0
2018	12	1,611,953.6	251,392.3	1,355,212.3	0.0	0.0	0.0	5,349.1	0.0
2019	1	1,613,101.0	251,392.3	1,357,369.6	0.0	0.0	0.0	4,339.1	0.0
2019	2	1,616,774.3	251,392.3	1,359,527.0	0.0	0.0	0.0	5,855.1	0.0
2019	3	1,617,576.8	251,392.3	1,361,684.4	0.0	0.0	0.0	4,500.1	0.0
2019	4	1,619,955.4	251,392.3	1,363,841.7	0.0	0.0	0.0	4,721.3	0.0
2019	5	1,623,704.4	251,392.3	1,365,999.1	0.0	0.0	0.0	6,313.1	0.0
2019	6	1,623,761.8	251,392.3	1,368,156.4	0.0	0.0	0.0	4,213.0	0.0
2019	7	1,628,145.3	251,392.3	1,370,313.8	0.0	0.0	4,942.3	1,496.9	0.0
2019	8	1,625,799.4	251,392.3	1,373,007.9	0.0	0.0	0.0	1,399.1	0.0
2019	9	1,628,402.0	251,392.3	1,375,702.1	0.0	0.0	0.0	1,307.6	0.0
2019	10	1,630,262.1	251,392.3	1,378,396.2	0.0	0.0	0.0	473.6	0.0
2019	11	1,632,886.0	251,392.3	1,381,090.3	0.0	0.0	0.0	403.4	0.0
2019	12	1,636,028.8	251,392.3	1,383,784.5	0.0	0.0	0.0	852.0	0.0
2020	1	1,639,082.7	251,392.3	1,386,478.6	0.0	0.0	0.0	1,211.8	0.0
2020	2	1,641,946.8	251,392.3	1,389,172.7	0.0	0.0	0.0	1,381.8	0.0
2020	3	1,645,370.0	251,392.3	1,391,866.9	0.0	0.0	0.0	2,110.9	0.0
2020	4	1,647,443.3	251,392.3	1,394,561.0	0.0	0.0	0.0	1,490.0	0.0
2020	5	1,650,616.9	251,392.3	1,397,255.1	0.0	0.0	0.0	1,969.5	0.0
2020	6	1,653,350.2	251,392.3	1,399,949.2	0.0	0.0	0.0	2,008.6	0.0
2020	7	1,655,362.7	251,392.3	1,402,643.4	0.0	0.0	0.0	1,327.0	0.0
2020	8	1,659,483.0	251,392.3	1,405,746.7	0.0	0.0	0.0	2,344.0	0.0
2020	9	1,660,952.8	251,392.3	1,408,850.1	0.0	0.0	0.0	710.5	0.0
2020	10	1,666,089.2	251,392.3	1,411,953.4	0.0	0.0	0.0	2,743.5	0.0
2020	11	1,668,143.3	251,392.3	1,415,056.8	0.0	0.0	0.0	1,694.2	0.0
2020	12	1,669,521.5	251,392.3	1,418,160.2	0.0	0.0	0.0	-30.9	0.0
2021	1	1,674,826.1	251,392.3	1,421,263.5	0.0	0.0	0.0	2,170.3	0.0
2021	2	1,674,847.9	251,392.3	1,424,366.9	0.0	0.0	0.0	-911.3	0.0
2021	3	1,678,653.0	251,392.3	1,427,470.2	0.0	0.0	0.0	-209.6	0.0
2021	4	1,681,636.3	251,392.3	1,430,573.6	0.0	0.0	0.0	-329.5	0.0
2021	5	1,684,183.1	251,392.3	1,433,676.9	0.0	0.0	0.0	-886.1	0.0
2021	6	1,687,759.2	251,392.3	1,436,780.3	0.0	0.0	0.0	-413.4	0.0
2021	7	1,689,474.9	251,392.3	1,439,883.7	0.0	0.0	0.0	-1,801.1	0.0
2021	8	1,690,205.2	251,392.3	1,443,052.0	0.0	0.0	0.0	-4,239.1	0.0
2021	9	1,693,649.6	251,392.3	1,446,220.3	0.0	0.0	0.0	-3,962.9	0.0
2021	10	1,697,076.1	251,392.3	1,449,388.6	0.0	0.0	0.0	-3,704.8	0.0
2021	11	1,700,485.8	251,392.3	1,452,556.9	0.0	0.0	0.0	-3,463.4	0.0
2021	12	1,703,879.7	251,392.3	1,455,725.2	0.0	0.0	0.0	-3,237.8	0.0
2022	1	1,707,259.0	251,392.3	1,458,893.5	0.0	0.0	0.0	-3,026.8	0.0
2022	2	1,710,624.5	251,392.3	1,462,061.8	0.0	0.0	0.0	-2,829.7	0.0
2022	3	1,713,977.1	251,392.3	1,465,230.2	0.0	0.0	0.0	-2,645.3	0.0
2022	4	1,717,317.8	251,392.3	1,468,398.5	0.0	0.0	0.0	-2,473.0	0.0
2022	5	1,720,647.2	251,392.3	1,471,566.8	0.0	0.0	0.0	-2,311.9	0.0
2022	6	1,723,966.1	251,392.3	1,474,735.1	0.0	0.0	0.0	-2,161.3	0.0

2022	7	1,727,275.2	251,392.3	1,477,903.4	0.0	0.0	0.0	-2,020.5	0.0
2022	8	1,730,449.3	251,392.3	1,480,945.9	0.0	0.0	0.0	-1,888.8	0.0
2022	9	1,733,614.9	251,392.3	1,483,988.4	0.0	0.0	0.0	-1,765.8	0.0
2022	10	1,736,772.4	251,392.3	1,487,030.8	0.0	0.0	0.0	-1,650.8	0.0
2022	11	1,739,922.4	251,392.3	1,490,073.3	0.0	0.0	0.0	-1,543.2	0.0
2022	12	1,743,065.4	251,392.3	1,493,115.8	0.0	0.0	0.0	-1,442.7	0.0
2023	1	1,746,201.8	251,392.3	1,496,158.2	0.0	0.0	0.0	-1,348.7	0.0
2023	2	1,749,332.2	251,392.3	1,499,200.7	0.0	0.0	0.0	-1,260.8	0.0
2023	3	1,752,456.8	251,392.3	1,502,243.2	0.0	0.0	0.0	-1,178.7	0.0
2023	4	1,755,576.0	251,392.3	1,505,285.6	0.0	0.0	0.0	-1,101.9	0.0
2023	5	1,758,690.3	251,392.3	1,508,328.1	0.0	0.0	0.0	-1,030.1	0.0
2023	6	1,761,799.8	251,392.3	1,511,370.6	0.0	0.0	0.0	-963.0	0.0
2023	7	1,764,905.0	251,392.3	1,514,413.0	0.0	0.0	0.0	-900.3	0.0
2023	8	1,767,877.4	251,392.3	1,517,326.8	0.0	0.0	0.0	-841.6	0.0
2023	9	1,770,846.0	251,392.3	1,520,240.5	0.0	0.0	0.0	-786.8	0.0
2023	10	1,773,811.0	251,392.3	1,523,154.2	0.0	0.0	0.0	-735.5	0.0
2023	11	1,776,772.6	251,392.3	1,526,067.9	0.0	0.0	0.0	-687.6	0.0
2023	12	1,779,731.1	251,392.3	1,528,981.7	0.0	0.0	0.0	-642.8	0.0
2024	1	1,782,686.7	251,392.3	1,531,895.4	0.0	0.0	0.0	-600.9	0.0
2024	2	1,785,639.6	251,392.3	1,534,809.1	0.0	0.0	0.0	-561.8	0.0
2024	3	1,788,589.9	251,392.3	1,537,722.8	0.0	0.0	0.0	-525.2	0.0
2024	4	1,791,537.9	251,392.3	1,540,636.6	0.0	0.0	0.0	-491.0	0.0
2024	5	1,794,483.6	251,392.3	1,543,550.3	0.0	0.0	0.0	-459.0	0.0
2024	6	1,797,427.2	251,392.3	1,546,464.0	0.0	0.0	0.0	-429.1	0.0
2024	7	1,800,368.9	251,392.3	1,549,377.7	0.0	0.0	0.0	-401.1	0.0
2024	8	1,803,289.3	251,392.3	1,552,272.0	0.0	0.0	0.0	-375.0	0.0
2024	9	1,806,208.1	251,392.3	1,555,166.4	0.0	0.0	0.0	-350.6	0.0
2024	10	1,809,125.2	251,392.3	1,558,060.7	0.0	0.0	0.0	-327.7	0.0
2024	11	1,812,040.9	251,392.3	1,560,955.0	0.0	0.0	0.0	-306.4	0.0
2024	12	1,814,955.1	251,392.3	1,563,849.3	0.0	0.0	0.0	-286.4	0.0
2025	1	1,817,868.1	251,392.3	1,566,743.6	0.0	0.0	0.0	-267.8	0.0
2025	2	1,820,779.9	251,392.3	1,569,637.9	0.0	0.0	0.0	-250.3	0.0
2025	3	1,823,690.5	251,392.3	1,572,532.2	0.0	0.0	0.0	-234.0	0.0
2025	4	1,826,600.1	251,392.3	1,575,426.5	0.0	0.0	0.0	-218.8	0.0
2025	5	1,829,508.6	251,392.3	1,578,320.9	0.0	0.0	0.0	-204.5	0.0
2025	6	1,832,416.3	251,392.3	1,581,215.2	0.0	0.0	0.0	-191.2	0.0
2025	7	1,835,323.0	251,392.3	1,584,109.5	0.0	0.0	0.0	-178.7	0.0
2025	8	1,838,100.8	251,392.3	1,586,875.6	0.0	0.0	0.0	-167.1	0.0
2025	9	1,840,877.8	251,392.3	1,589,641.8	0.0	0.0	0.0	-156.2	0.0
2025	10	1,843,654.1	251,392.3	1,592,407.9	0.0	0.0	0.0	-146.0	0.0
2025	11	1,846,429.8	251,392.3	1,595,174.0	0.0	0.0	0.0	-136.5	0.0
2025	12	1,849,204.8	251,392.3	1,597,940.2	0.0	0.0	0.0	-127.6	0.0
2026	1	1,851,979.3	251,392.3	1,600,706.3	0.0	0.0	0.0	-119.3	0.0
2026	2	1,854,753.2	251,392.3	1,603,472.4	0.0	0.0	0.0	-111.5	0.0
2026	3	1,857,526.6	251,392.3	1,606,238.6	0.0	0.0	0.0	-104.3	0.0
2026	4	1,860,299.5	251,392.3	1,609,004.7	0.0	0.0	0.0	-97.5	0.0
2026	5	1,863,072.0	251,392.3	1,611,770.8	0.0	0.0	0.0	-91.1	0.0

2026	6	1,865,844.0	251,392.3	1,614,536.9	0.0	0.0	0.0	-85.2	0.0
2026	7	1,868,615.7	251,392.3	1,617,303.1	0.0	0.0	0.0	-79.6	0.0
2026	8	1,871,248.6	251,392.3	1,619,930.7	0.0	0.0	0.0	-74.5	0.0
2026	9	1,873,881.1	251,392.3	1,622,558.4	0.0	0.0	0.0	-69.6	0.0
2026	10	1,876,513.2	251,392.3	1,625,186.0	0.0	0.0	0.0	-65.1	0.0
2026	11	1,879,145.1	251,392.3	1,627,813.7	0.0	0.0	0.0	-60.8	0.0
2026	12	1,881,776.7	251,392.3	1,630,441.3	0.0	0.0	0.0	-56.9	0.0
2027	1	1,884,408.1	251,392.3	1,633,068.9	0.0	0.0	0.0	-53.2	0.0
2027	2	1,887,039.2	251,392.3	1,635,696.6	0.0	0.0	0.0	-49.7	0.0
2027	3	1,889,670.1	251,392.3	1,638,324.2	0.0	0.0	0.0	-46.5	0.0
2027	4	1,892,300.7	251,392.3	1,640,951.9	0.0	0.0	0.0	-43.4	0.0
2027	5	1,894,931.2	251,392.3	1,643,579.5	0.0	0.0	0.0	-40.6	0.0
2027	6	1,897,561.5	251,392.3	1,646,207.2	0.0	0.0	0.0	-38.0	0.0
2027	7	1,900,191.6	251,392.3	1,648,834.8	0.0	0.0	0.0	-35.5	0.0
2027	8	1,902,671.6	251,392.3	1,651,312.5	0.0	0.0	0.0	-33.2	0.0
2027	9	1,905,151.5	251,392.3	1,653,790.2	0.0	0.0	0.0	-31.0	0.0
2027	10	1,907,631.2	251,392.3	1,656,267.9	0.0	0.0	0.0	-29.0	0.0
2027	11	1,910,110.8	251,392.3	1,658,745.7	0.0	0.0	0.0	-27.1	0.0
2027	12	1,912,590.3	251,392.3	1,661,223.4	0.0	0.0	0.0	-25.3	0.0
2028	1	1,915,069.7	251,392.3	1,663,701.1	0.0	0.0	0.0	-23.7	0.0
2028	2	1,917,549.0	251,392.3	1,666,178.8	0.0	0.0	0.0	-22.1	0.0
2028	3	1,920,028.1	251,392.3	1,668,656.5	0.0	0.0	0.0	-20.7	0.0
2028	4	1,922,507.2	251,392.3	1,671,134.2	0.0	0.0	0.0	-19.4	0.0
2028	5	1,924,986.2	251,392.3	1,673,612.0	0.0	0.0	0.0	-18.1	0.0
2028	6	1,927,465.1	251,392.3	1,676,089.7	0.0	0.0	0.0	-16.9	0.0
2028	7	1,929,943.9	251,392.3	1,678,567.4	0.0	0.0	0.0	-15.8	0.0
2028	8	1,932,261.6	251,392.3	1,680,884.1	0.0	0.0	0.0	-14.8	0.0
2028	9	1,934,579.3	251,392.3	1,683,200.8	0.0	0.0	0.0	-13.8	0.0
2028	10	1,936,896.9	251,392.3	1,685,517.5	0.0	0.0	0.0	-12.9	0.0
2028	11	1,939,214.5	251,392.3	1,687,834.3	0.0	0.0	0.0	-12.1	0.0
2028	12	1,941,532.0	251,392.3	1,690,151.0	0.0	0.0	0.0	-11.3	0.0
2029	1	1,943,849.4	251,392.3	1,692,467.7	0.0	0.0	0.0	-10.6	0.0
2029	2	1,946,166.8	251,392.3	1,694,784.4	0.0	0.0	0.0	-9.9	0.0
2029	3	1,948,484.2	251,392.3	1,697,101.1	0.0	0.0	0.0	-9.2	0.0
2029	4	1,950,801.5	251,392.3	1,699,417.8	0.0	0.0	0.0	-8.6	0.0
2029	5	1,953,118.8	251,392.3	1,701,734.6	0.0	0.0	0.0	-8.1	0.0
2029	6	1,955,436.0	251,392.3	1,704,051.3	0.0	0.0	0.0	-7.5	0.0
2029	7	1,957,753.2	251,392.3	1,706,368.0	0.0	0.0	0.0	-7.0	0.0
2029	8	1,959,962.0	251,392.3	1,708,576.3	0.0	0.0	0.0	-6.6	0.0
2029	9	1,962,170.7	251,392.3	1,710,784.6	0.0	0.0	0.0	-6.2	0.0
2029	10	1,964,379.4	251,392.3	1,712,992.9	0.0	0.0	0.0	-5.8	0.0
2029	11	1,966,588.1	251,392.3	1,715,201.2	0.0	0.0	0.0	-5.4	0.0
2029	12	1,968,796.8	251,392.3	1,717,409.5	0.0	0.0	0.0	-5.0	0.0
2030	1	1,971,005.4	251,392.3	1,719,617.8	0.0	0.0	0.0	-4.7	0.0
2030	2	1,973,214.0	251,392.3	1,721,826.1	0.0	0.0	0.0	-4.4	0.0
2030	3	1,975,422.6	251,392.3	1,724,034.4	0.0	0.0	0.0	-4.1	0.0
2030	4	1,977,631.2	251,392.3	1,726,242.7	0.0	0.0	0.0	-3.8	0.0

2030	5	1,979,839.7	251,392.3	1,728,451.1	0.0	0.0	0.0	-3.6	0.0
2030	6	1,982,048.3	251,392.3	1,730,659.4	0.0	0.0	0.0	-3.4	0.0
2030	7	1,984,256.8	251,392.3	1,732,867.7	0.0	0.0	0.0	-3.1	0.0
2030	8	1,986,352.5	251,392.3	1,734,963.1	0.0	0.0	0.0	-2.9	0.0
2030	9	1,988,448.1	251,392.3	1,737,058.5	0.0	0.0	0.0	-2.7	0.0
2030	10	1,990,543.7	251,392.3	1,739,154.0	0.0	0.0	0.0	-2.6	0.0
2030	11	1,992,639.3	251,392.3	1,741,249.4	0.0	0.0	0.0	-2.4	0.0
2030	12	1,994,734.9	251,392.3	1,743,344.8	0.0	0.0	0.0	-2.2	0.0
2031	1	1,996,830.4	251,392.3	1,745,440.2	0.0	0.0	0.0	-2.1	0.0
2031	2	1,998,926.0	251,392.3	1,747,535.7	0.0	0.0	0.0	-2.0	0.0
2031	3	2,001,021.6	251,392.3	1,749,631.1	0.0	0.0	0.0	-1.8	0.0
2031	4	2,003,117.1	251,392.3	1,751,726.5	0.0	0.0	0.0	-1.7	0.0
2031	5	2,005,212.7	251,392.3	1,753,822.0	0.0	0.0	0.0	-1.6	0.0
2031	6	2,007,308.2	251,392.3	1,755,917.4	0.0	0.0	0.0	-1.5	0.0
2031	7	2,009,403.7	251,392.3	1,758,012.8	0.0	0.0	0.0	-1.4	0.0
2031	8	2,011,389.4	251,392.3	1,759,998.4	0.0	0.0	0.0	-1.3	0.0
2031	9	2,013,375.0	251,392.3	1,761,984.0	0.0	0.0	0.0	-1.2	0.0
2031	10	2,015,360.7	251,392.3	1,763,969.5	0.0	0.0	0.0	-1.1	0.0
2031	11	2,017,346.3	251,392.3	1,765,955.1	0.0	0.0	0.0	-1.1	0.0
2031	12	2,019,332.0	251,392.3	1,767,940.7	0.0	0.0	0.0	-1.0	0.0
2032	1	2,021,317.6	251,392.3	1,769,926.3	0.0	0.0	0.0	-0.9	0.0
2032	2	2,023,303.2	251,392.3	1,771,911.8	0.0	0.0	0.0	-0.9	0.0
2032	3	2,025,288.9	251,392.3	1,773,897.4	0.0	0.0	0.0	-0.8	0.0
2032	4	2,027,274.5	251,392.3	1,775,883.0	0.0	0.0	0.0	-0.8	0.0
2032	5	2,029,260.1	251,392.3	1,777,868.5	0.0	0.0	0.0	-0.7	0.0
2032	6	2,031,245.7	251,392.3	1,779,854.1	0.0	0.0	0.0	-0.7	0.0
2032	7	2,033,231.4	251,392.3	1,781,839.7	0.0	0.0	0.0	-0.6	0.0
2032	8	2,035,112.3	251,392.3	1,783,720.6	0.0	0.0	0.0	-0.6	0.0
2032	9	2,036,993.2	251,392.3	1,785,601.5	0.0	0.0	0.0	-0.5	0.0
2032	10	2,038,874.2	251,392.3	1,787,482.4	0.0	0.0	0.0	-0.5	0.0
2032	11	2,040,755.1	251,392.3	1,789,363.3	0.0	0.0	0.0	-0.5	0.0
2032	12	2,042,636.1	251,392.3	1,791,244.2	0.0	0.0	0.0	-0.4	0.0
2033	1	2,044,517.0	251,392.3	1,793,125.1	0.0	0.0	0.0	-0.4	0.0
2033	2	2,046,398.0	251,392.3	1,795,006.1	0.0	0.0	0.0	-0.4	0.0
2033	3	2,048,278.9	251,392.3	1,796,887.0	0.0	0.0	0.0	-0.4	0.0
2033	4	2,050,159.8	251,392.3	1,798,767.9	0.0	0.0	0.0	-0.3	0.0
2033	5	2,052,040.7	251,392.3	1,800,648.8	0.0	0.0	0.0	-0.3	0.0
2033	6	2,053,921.7	251,392.3	1,802,529.7	0.0	0.0	0.0	-0.3	0.0
2033	7	2,055,802.6	251,392.3	1,804,410.6	0.0	0.0	0.0	-0.3	0.0
2033	8	2,057,584.4	251,392.3	1,806,192.4	0.0	0.0	0.0	-0.3	0.0
2033	9	2,059,366.2	251,392.3	1,807,974.1	0.0	0.0	0.0	-0.2	0.0
2033	10	2,061,147.9	251,392.3	1,809,755.9	0.0	0.0	0.0	-0.2	0.0
2033	11	2,062,929.7	251,392.3	1,811,537.7	0.0	0.0	0.0	-0.2	0.0
2033	12	2,064,711.5	251,392.3	1,813,319.4	0.0	0.0	0.0	-0.2	0.0
2034	1	2,066,493.3	251,392.3	1,815,101.2	0.0	0.0	0.0	-0.2	0.0
2034	2	2,068,275.1	251,392.3	1,816,882.9	0.0	0.0	0.0	-0.2	0.0
2034	3	2,070,056.8	251,392.3	1,818,664.7	0.0	0.0	0.0	-0.2	0.0

2034	4	2,071,838.6	251,392.3	1,820,446.5	0.0	0.0	0.0	-0.2	0.0
2034	5	2,073,620.4	251,392.3	1,822,228.2	0.0	0.0	0.0	-0.1	0.0
2034	6	2,075,402.2	251,392.3	1,824,010.0	0.0	0.0	0.0	-0.1	0.0
2034	7	2,077,183.9	251,392.3	1,825,791.8	0.0	0.0	0.0	-0.1	0.0
2034	8	2,078,940.9	251,392.3	1,827,548.7	0.0	0.0	0.0	-0.1	0.0
2034	9	2,080,697.9	251,392.3	1,829,305.7	0.0	0.0	0.0	-0.1	0.0
2034	10	2,082,454.8	251,392.3	1,831,062.6	0.0	0.0	0.0	-0.1	0.0
2034	11	2,084,211.8	251,392.3	1,832,819.6	0.0	0.0	0.0	-0.1	0.0
2034	12	2,085,968.7	251,392.3	1,834,576.5	0.0	0.0	0.0	-0.1	0.0
2035	1	2,087,725.7	251,392.3	1,836,333.5	0.0	0.0	0.0	-0.1	0.0
2035	2	2,089,482.7	251,392.3	1,838,090.5	0.0	0.0	0.0	-0.1	0.0
2035	3	2,091,239.6	251,392.3	1,839,847.4	0.0	0.0	0.0	-0.1	0.0
2035	4	2,092,996.6	251,392.3	1,841,604.4	0.0	0.0	0.0	-0.1	0.0
2035	5	2,094,753.6	251,392.3	1,843,361.3	0.0	0.0	0.0	-0.1	0.0
2035	6	2,096,510.5	251,392.3	1,845,118.3	0.0	0.0	0.0	-0.1	0.0
2035	7	2,098,267.5	251,392.3	1,846,875.2	0.0	0.0	0.0	-0.1	0.0
2035	8	2,100,007.2	251,392.3	1,848,615.0	0.0	0.0	0.0	-0.1	0.0
2035	9	2,101,747.0	251,392.3	1,850,354.8	0.0	0.0	0.0	-0.0	0.0
2035	10	2,103,486.8	251,392.3	1,852,094.5	0.0	0.0	0.0	-0.0	0.0
2035	11	2,105,226.5	251,392.3	1,853,834.3	0.0	0.0	0.0	-0.0	0.0
2035	12	2,106,966.3	251,392.3	1,855,574.1	0.0	0.0	0.0	-0.0	0.0
2036	1	2,108,706.1	251,392.3	1,857,313.8	0.0	0.0	0.0	-0.0	0.0
2036	2	2,110,445.8	251,392.3	1,859,053.6	0.0	0.0	0.0	-0.0	0.0
2036	3	2,112,185.6	251,392.3	1,860,793.3	0.0	0.0	0.0	-0.0	0.0
2036	4	2,113,925.4	251,392.3	1,862,533.1	0.0	0.0	0.0	-0.0	0.0
2036	5	2,115,665.1	251,392.3	1,864,272.9	0.0	0.0	0.0	-0.0	0.0
2036	6	2,117,404.9	251,392.3	1,866,012.6	0.0	0.0	0.0	-0.0	0.0
2036	7	2,119,144.6	251,392.3	1,867,752.4	0.0	0.0	0.0	-0.0	0.0
2036	8	2,120,799.0	251,392.3	1,869,406.8	0.0	0.0	0.0	-0.0	0.0
2036	9	2,122,453.4	251,392.3	1,871,061.2	0.0	0.0	0.0	-0.0	0.0
2036	10	2,124,107.8	251,392.3	1,872,715.5	0.0	0.0	0.0	-0.0	0.0
2036	11	2,125,762.2	251,392.3	1,874,369.9	0.0	0.0	0.0	-0.0	0.0
2036	12	2,127,416.6	251,392.3	1,876,024.3	0.0	0.0	0.0	-0.0	0.0
2037	1	2,129,071.0	251,392.3	1,877,678.7	0.0	0.0	0.0	-0.0	0.0
2037	2	2,130,725.4	251,392.3	1,879,333.1	0.0	0.0	0.0	-0.0	0.0
2037	3	2,132,379.8	251,392.3	1,880,987.5	0.0	0.0	0.0	-0.0	0.0
2037	4	2,134,034.1	251,392.3	1,882,641.9	0.0	0.0	0.0	-0.0	0.0
2037	5	2,135,688.5	251,392.3	1,884,296.3	0.0	0.0	0.0	-0.0	0.0
2037	6	2,137,342.9	251,392.3	1,885,950.7	0.0	0.0	0.0	-0.0	0.0
2037	7	2,138,997.3	251,392.3	1,887,605.0	0.0	0.0	0.0	-0.0	0.0
2037	8	2,140,635.6	251,392.3	1,889,243.3	0.0	0.0	0.0	-0.0	0.0
2037	9	2,142,273.9	251,392.3	1,890,881.6	0.0	0.0	0.0	-0.0	0.0
2037	10	2,143,912.2	251,392.3	1,892,519.9	0.0	0.0	0.0	-0.0	0.0
2037	11	2,145,550.4	251,392.3	1,894,158.2	0.0	0.0	0.0	-0.0	0.0
2037	12	2,147,188.7	251,392.3	1,895,796.4	0.0	0.0	0.0	-0.0	0.0
2038	1	2,148,827.0	251,392.3	1,897,434.7	0.0	0.0	0.0	-0.0	0.0
2038	2	2,150,465.3	251,392.3	1,899,073.0	0.0	0.0	0.0	-0.0	0.0

2038	3	2,152,103.6	251,392.3	1,900,711.3	0.0	0.0	0.0	-0.0	0.0
2038	4	2,153,741.8	251,392.3	1,902,349.6	0.0	0.0	0.0	-0.0	0.0
2038	5	2,155,380.1	251,392.3	1,903,987.8	0.0	0.0	0.0	-0.0	0.0
2038	6	2,157,018.4	251,392.3	1,905,626.1	0.0	0.0	0.0	-0.0	0.0
2038	7	2,158,656.7	251,392.3	1,907,264.4	0.0	0.0	0.0	-0.0	0.0
2038	8	2,160,279.7	251,392.3	1,908,887.5	0.0	0.0	0.0	-0.0	0.0
2038	9	2,161,902.8	251,392.3	1,910,510.5	0.0	0.0	0.0	-0.0	0.0
2038	10	2,163,525.9	251,392.3	1,912,133.6	0.0	0.0	0.0	-0.0	0.0
2038	11	2,165,148.9	251,392.3	1,913,756.6	0.0	0.0	0.0	-0.0	0.0
2038	12	2,166,772.0	251,392.3	1,915,379.7	0.0	0.0	0.0	-0.0	0.0
2039	1	2,168,395.0	251,392.3	1,917,002.8	0.0	0.0	0.0	-0.0	0.0
2039	2	2,170,018.1	251,392.3	1,918,625.8	0.0	0.0	0.0	-0.0	0.0
2039	3	2,171,641.1	251,392.3	1,920,248.9	0.0	0.0	0.0	-0.0	0.0
2039	4	2,173,264.2	251,392.3	1,921,871.9	0.0	0.0	0.0	-0.0	0.0
2039	5	2,174,887.3	251,392.3	1,923,495.0	0.0	0.0	0.0	-0.0	0.0
2039	6	2,176,510.3	251,392.3	1,925,118.0	0.0	0.0	0.0	-0.0	0.0
2039	7	2,178,133.4	251,392.3	1,926,741.1	0.0	0.0	0.0	-0.0	0.0
2039	8	2,179,742.1	251,392.3	1,928,349.8	0.0	0.0	0.0	-0.0	0.0
2039	9	2,181,350.7	251,392.3	1,929,958.5	0.0	0.0	0.0	-0.0	0.0
2039	10	2,182,959.4	251,392.3	1,931,567.1	0.0	0.0	0.0	-0.0	0.0
2039	11	2,184,568.1	251,392.3	1,933,175.8	0.0	0.0	0.0	-0.0	0.0
2039	12	2,186,176.8	251,392.3	1,934,784.5	0.0	0.0	0.0	-0.0	0.0
2040	1	2,187,785.5	251,392.3	1,936,393.2	0.0	0.0	0.0	-0.0	0.0
2040	2	2,189,394.2	251,392.3	1,938,001.9	0.0	0.0	0.0	-0.0	0.0
2040	3	2,191,002.8	251,392.3	1,939,610.5	0.0	0.0	0.0	-0.0	0.0
2040	4	2,192,611.5	251,392.3	1,941,219.2	0.0	0.0	0.0	-0.0	0.0
2040	5	2,194,220.2	251,392.3	1,942,827.9	0.0	0.0	0.0	-0.0	0.0
2040	6	2,195,828.9	251,392.3	1,944,436.6	0.0	0.0	0.0	-0.0	0.0
2040	7	2,197,437.6	251,392.3	1,946,045.3	0.0	0.0	0.0	-0.0	0.0
2040	8	2,199,032.4	251,392.3	1,947,640.1	0.0	0.0	0.0	-0.0	0.0
2040	9	2,200,627.3	251,392.3	1,949,235.0	0.0	0.0	0.0	-0.0	0.0
2040	10	2,202,222.2	251,392.3	1,950,829.9	0.0	0.0	0.0	-0.0	0.0
2040	11	2,203,817.0	251,392.3	1,952,424.7	0.0	0.0	0.0	-0.0	0.0
2040	12	2,205,411.9	251,392.3	1,954,019.6	0.0	0.0	0.0	-0.0	0.0
2041	1	2,207,006.8	251,392.3	1,955,614.5	0.0	0.0	0.0	-0.0	0.0
2041	2	2,208,601.6	251,392.3	1,957,209.4	0.0	0.0	0.0	-0.0	0.0
2041	3	2,210,196.5	251,392.3	1,958,804.2	0.0	0.0	0.0	-0.0	0.0
2041	4	2,211,791.4	251,392.3	1,960,399.1	0.0	0.0	0.0	-0.0	0.0
2041	5	2,213,386.2	251,392.3	1,961,994.0	0.0	0.0	0.0	-0.0	0.0
2041	6	2,214,981.1	251,392.3	1,963,588.8	0.0	0.0	0.0	-0.0	0.0
2041	7	2,216,576.0	251,392.3	1,965,183.7	0.0	0.0	0.0	-0.0	0.0
2041	8	2,218,156.4	251,392.3	1,966,764.1	0.0	0.0	0.0	-0.0	0.0
2041	9	2,219,736.9	251,392.3	1,968,344.6	0.0	0.0	0.0	-0.0	0.0
2041	10	2,221,317.3	251,392.3	1,969,925.1	0.0	0.0	0.0	-0.0	0.0
2041	11	2,222,897.8	251,392.3	1,971,505.5	0.0	0.0	0.0	-0.0	0.0
2041	12	2,224,478.2	251,392.3	1,973,086.0	0.0	0.0	0.0	-0.0	0.0
2042	1	2,226,058.7	251,392.3	1,974,666.4	0.0	0.0	0.0	-0.0	0.0

2042	2	2,227,639.1	251,392.3	1,976,246.9	0.0	0.0	0.0	-0.0	0.0
2042	3	2,229,219.6	251,392.3	1,977,827.3	0.0	0.0	0.0	-0.0	0.0
2042	4	2,230,800.0	251,392.3	1,979,407.8	0.0	0.0	0.0	-0.0	0.0
2042	5	2,232,380.5	251,392.3	1,980,988.2	0.0	0.0	0.0	-0.0	0.0
2042	6	2,233,961.0	251,392.3	1,982,568.7	0.0	0.0	0.0	-0.0	0.0
2042	7	2,235,541.4	251,392.3	1,984,149.1	0.0	0.0	0.0	-0.0	0.0
2042	8	2,237,106.5	251,392.3	1,985,714.2	0.0	0.0	0.0	-0.0	0.0
2042	9	2,238,671.5	251,392.3	1,987,279.3	0.0	0.0	0.0	-0.0	0.0
2042	10	2,240,236.6	251,392.3	1,988,844.3	0.0	0.0	0.0	-0.0	0.0
2042	11	2,241,801.7	251,392.3	1,990,409.4	0.0	0.0	0.0	-0.0	0.0
2042	12	2,243,366.7	251,392.3	1,991,974.5	0.0	0.0	0.0	-0.0	0.0
2043	1	2,244,931.8	251,392.3	1,993,539.5	0.0	0.0	0.0	-0.0	0.0
2043	2	2,246,496.9	251,392.3	1,995,104.6	0.0	0.0	0.0	-0.0	0.0
2043	3	2,248,062.0	251,392.3	1,996,669.7	0.0	0.0	0.0	-0.0	0.0
2043	4	2,249,627.0	251,392.3	1,998,234.7	0.0	0.0	0.0	-0.0	0.0
2043	5	2,251,192.1	251,392.3	1,999,799.8	0.0	0.0	0.0	-0.0	0.0
2043	6	2,252,757.2	251,392.3	2,001,364.9	0.0	0.0	0.0	-0.0	0.0
2043	7	2,254,322.2	251,392.3	2,002,929.9	0.0	0.0	0.0	-0.0	0.0
2043	8	2,255,871.0	251,392.3	2,004,478.7	0.0	0.0	0.0	-0.0	0.0
2043	9	2,257,419.7	251,392.3	2,006,027.5	0.0	0.0	0.0	-0.0	0.0
2043	10	2,258,968.5	251,392.3	2,007,576.2	0.0	0.0	0.0	-0.0	0.0
2043	11	2,260,517.3	251,392.3	2,009,125.0	0.0	0.0	0.0	-0.0	0.0
2043	12	2,262,066.0	251,392.3	2,010,673.7	0.0	0.0	0.0	-0.0	0.0
2044	1	2,263,614.8	251,392.3	2,012,222.5	0.0	0.0	0.0	-0.0	0.0
2044	2	2,265,163.5	251,392.3	2,013,771.3	0.0	0.0	0.0	-0.0	0.0
2044	3	2,266,712.3	251,392.3	2,015,320.0	0.0	0.0	0.0	-0.0	0.0
2044	4	2,268,261.1	251,392.3	2,016,868.8	0.0	0.0	0.0	-0.0	0.0
2044	5	2,269,809.8	251,392.3	2,018,417.5	0.0	0.0	0.0	-0.0	0.0
2044	6	2,271,358.6	251,392.3	2,019,966.3	0.0	0.0	0.0	-0.0	0.0
2044	7	2,272,907.3	251,392.3	2,021,515.0	0.0	0.0	0.0	-0.0	0.0
2044	8	2,274,438.9	251,392.3	2,023,046.6	0.0	0.0	0.0	-0.0	0.0
2044	9	2,275,970.4	251,392.3	2,024,578.1	0.0	0.0	0.0	-0.0	0.0
2044	10	2,277,501.9	251,392.3	2,026,109.6	0.0	0.0	0.0	-0.0	0.0
2044	11	2,279,033.4	251,392.3	2,027,641.1	0.0	0.0	0.0	-0.0	0.0
2044	12	2,280,565.0	251,392.3	2,029,172.7	0.0	0.0	0.0	-0.0	0.0
2045	1	2,282,096.5	251,392.3	2,030,704.2	0.0	0.0	0.0	-0.0	0.0
2045	2	2,283,628.0	251,392.3	2,032,235.7	0.0	0.0	0.0	-0.0	0.0
2045	3	2,285,159.5	251,392.3	2,033,767.2	0.0	0.0	0.0	-0.0	0.0
2045	4	2,286,691.0	251,392.3	2,035,298.8	0.0	0.0	0.0	-0.0	0.0
2045	5	2,288,222.6	251,392.3	2,036,830.3	0.0	0.0	0.0	-0.0	0.0
2045	6	2,289,754.1	251,392.3	2,038,361.8	0.0	0.0	0.0	-0.0	0.0
2045	7	2,291,285.6	251,392.3	2,039,893.3	0.0	0.0	0.0	-0.0	0.0
2045	8	2,292,799.9	251,392.3	2,041,407.6	0.0	0.0	0.0	-0.0	0.0
2045	9	2,294,314.2	251,392.3	2,042,921.9	0.0	0.0	0.0	-0.0	0.0
2045	10	2,295,828.5	251,392.3	2,044,436.2	0.0	0.0	0.0	-0.0	0.0
2045	11	2,297,342.8	251,392.3	2,045,950.5	0.0	0.0	0.0	-0.0	0.0
2045	12	2,298,857.1	251,392.3	2,047,464.8	0.0	0.0	0.0	-0.0	0.0

2046	1	2,300,371.3	251,392.3	2,048,979.1	0.0	0.0	0.0	-0.0	0.0
2046	2	2,301,885.6	251,392.3	2,050,493.3	0.0	0.0	0.0	-0.0	0.0
2046	3	2,303,399.9	251,392.3	2,052,007.6	0.0	0.0	0.0	-0.0	0.0
2046	4	2,304,914.2	251,392.3	2,053,521.9	0.0	0.0	0.0	-0.0	0.0
2046	5	2,306,428.5	251,392.3	2,055,036.2	0.0	0.0	0.0	-0.0	0.0
2046	6	2,307,942.8	251,392.3	2,056,550.5	0.0	0.0	0.0	-0.0	0.0
2046	7	2,309,457.1	251,392.3	2,058,064.8	0.0	0.0	0.0	-0.0	0.0
2046	8	2,311,037.8	251,392.3	2,059,645.5	0.0	0.0	0.0	-0.0	0.0
2046	9	2,312,618.5	251,392.3	2,061,226.2	0.0	0.0	0.0	-0.0	0.0
2046	10	2,314,199.3	251,392.3	2,062,807.0	0.0	0.0	0.0	-0.0	0.0
2046	11	2,315,780.0	251,392.3	2,064,387.7	0.0	0.0	0.0	-0.0	0.0
2046	12	2,317,360.7	251,392.3	2,065,968.4	0.0	0.0	0.0	-0.0	0.0
2047	1	2,318,941.5	251,392.3	2,067,549.2	0.0	0.0	0.0	-0.0	0.0
2047	2	2,320,522.2	251,392.3	2,069,129.9	0.0	0.0	0.0	-0.0	0.0
2047	3	2,322,102.9	251,392.3	2,070,710.6	0.0	0.0	0.0	-0.0	0.0
2047	4	2,323,683.7	251,392.3	2,072,291.4	0.0	0.0	0.0	-0.0	0.0
2047	5	2,325,264.4	251,392.3	2,073,872.1	0.0	0.0	0.0	-0.0	0.0
2047	6	2,326,845.1	251,392.3	2,075,452.8	0.0	0.0	0.0	-0.0	0.0
2047	7	2,328,425.9	251,392.3	2,077,033.6	0.0	0.0	0.0	-0.0	0.0
2047	8	2,330,000.8	251,392.3	2,078,608.5	0.0	0.0	0.0	-0.0	0.0
2047	9	2,331,575.7	251,392.3	2,080,183.4	0.0	0.0	0.0	-0.0	0.0
2047	10	2,333,150.6	251,392.3	2,081,758.3	0.0	0.0	0.0	-0.0	0.0
2047	11	2,334,725.4	251,392.3	2,083,333.2	0.0	0.0	0.0	-0.0	0.0
2047	12	2,336,300.3	251,392.3	2,084,908.1	0.0	0.0	0.0	-0.0	0.0
2048	1	2,337,875.2	251,392.3	2,086,483.0	0.0	0.0	0.0	-0.0	0.0
2048	2	2,339,450.1	251,392.3	2,088,057.8	0.0	0.0	0.0	-0.0	0.0
2048	3	2,341,025.0	251,392.3	2,089,632.7	0.0	0.0	0.0	-0.0	0.0
2048	4	2,342,599.9	251,392.3	2,091,207.6	0.0	0.0	0.0	-0.0	0.0
2048	5	2,344,174.8	251,392.3	2,092,782.5	0.0	0.0	0.0	-0.0	0.0
2048	6	2,345,749.7	251,392.3	2,094,357.4	0.0	0.0	0.0	-0.0	0.0
2048	7	2,347,324.6	251,392.3	2,095,932.3	0.0	0.0	0.0	-0.0	0.0
2048	8	2,348,898.9	251,392.3	2,097,506.6	0.0	0.0	0.0	-0.0	0.0
2048	9	2,350,473.2	251,392.3	2,099,080.9	0.0	0.0	0.0	-0.0	0.0
2048	10	2,352,047.5	251,392.3	2,100,655.2	0.0	0.0	0.0	-0.0	0.0
2048	11	2,353,621.8	251,392.3	2,102,229.5	0.0	0.0	0.0	-0.0	0.0
2048	12	2,355,196.1	251,392.3	2,103,803.8	0.0	0.0	0.0	-0.0	0.0
2049	1	2,356,770.3	251,392.3	2,105,378.1	0.0	0.0	0.0	-0.0	0.0
2049	2	2,358,344.6	251,392.3	2,106,952.4	0.0	0.0	0.0	-0.0	0.0
2049	3	2,359,918.9	251,392.3	2,108,526.6	0.0	0.0	0.0	-0.0	0.0
2049	4	2,361,493.2	251,392.3	2,110,100.9	0.0	0.0	0.0	-0.0	0.0
2049	5	2,363,067.5	251,392.3	2,111,675.2	0.0	0.0	0.0	-0.0	0.0
2049	6	2,364,641.8	251,392.3	2,113,249.5	0.0	0.0	0.0	-0.0	0.0
2049	7	2,366,216.1	251,392.3	2,114,823.8	0.0	0.0	0.0	-0.0	0.0
2049	8	2,367,795.2	251,392.3	2,116,402.9	0.0	0.0	0.0	-0.0	0.0
2049	9	2,369,374.3	251,392.3	2,117,982.0	0.0	0.0	0.0	-0.0	0.0
2049	10	2,370,953.5	251,392.3	2,119,561.2	0.0	0.0	0.0	-0.0	0.0
2049	11	2,372,532.6	251,392.3	2,121,140.3	0.0	0.0	0.0	-0.0	0.0

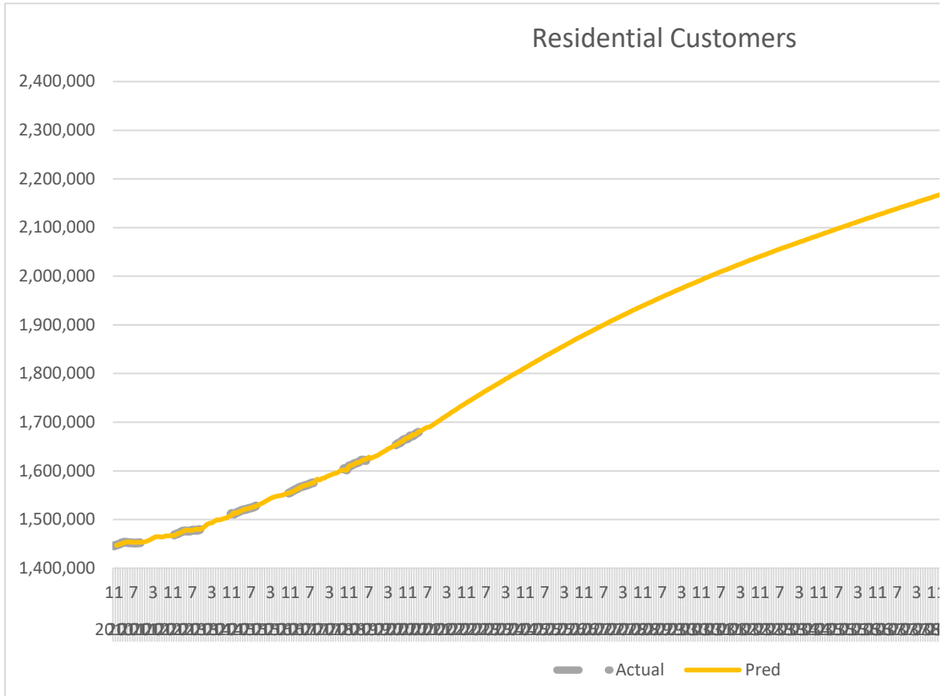
2049	12	2,374,111.7	251,392.3	2,122,719.4	0.0	0.0	0.0	-0.0	0.0
2050	1	2,375,690.8	251,392.3	2,124,298.5	0.0	0.0	0.0	-0.0	0.0
2050	2	2,377,269.9	251,392.3	2,125,877.7	0.0	0.0	0.0	-0.0	0.0
2050	3	2,378,849.1	251,392.3	2,127,456.8	0.0	0.0	0.0	-0.0	0.0
2050	4	2,380,428.2	251,392.3	2,129,035.9	0.0	0.0	0.0	-0.0	0.0
2050	5	2,382,007.3	251,392.3	2,130,615.0	0.0	0.0	0.0	-0.0	0.0
2050	6	2,383,586.4	251,392.3	2,132,194.2	0.0	0.0	0.0	-0.0	0.0
2050	7	2,385,165.6	251,392.3	2,133,773.3	0.0	0.0	0.0	-0.0	0.0
2050	8	2,386,744.7	251,392.3	2,135,352.4	0.0	0.0	0.0	-0.0	0.0
2050	9	2,388,323.8	251,392.3	2,136,931.5	0.0	0.0	0.0	-0.0	0.0
2050	10	2,389,902.9	251,392.3	2,138,510.6	0.0	0.0	0.0	-0.0	0.0
2050	11	2,391,482.1	251,392.3	2,140,089.8	0.0	0.0	0.0	-0.0	0.0
2050	12	2,393,061.2	251,392.3	2,141,668.9	0.0	0.0	0.0	-0.0	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma
2010	11	1,445,980.0				
2010	12	1,447,656.0	1447179.78	1456291.995	1438067.565	4603.080997
2011	1	1,449,209.0	1448777.457	1457863.83	1439691.084	4590.026758
2011	2	1,451,589.0	1450260.147	1459320.7	1441199.594	4576.983726
2011	3	1,453,156.0	1452515.961	1461550.717	1443481.205	4563.951996
2011	4	1,453,324.0	1454011.739	1463020.72	1445002.758	4550.931666
2011	5	1,452,344.0	1454199.657	1463182.886	1445216.428	4537.922835
2011	6	1,452,304.0	1453314.363	1462271.863	1444356.864	4524.9256
2011	7	1,452,071.0	1453307.832	1462239.625	1444376.038	4511.940063
2011	8	1,451,892.0	1453342.964	1462237.043	1444448.886	4492.888287
2011	9	1,452,133.0	1453220.957	1462077.372	1444364.542	4473.86229
2011	10	1,452,347.0	1453491.587	1462310.39	1444672.784	4454.862403
2011	11	1,453,846.0	1453736.977	1462518.221	1444955.734	4435.888962
2011	12	1,455,752.0	1455183.654	1463927.39	1446439.917	4416.942307
2012	1	1,458,136.0	1457010.815	1465717.099	1448304.531	4398.022784
2012	2	1,460,996.0	1459284.837	1467953.722	1450615.952	4379.130746
2012	3	1,463,879.0	1462003.849	1470635.391	1453372.307	4360.266549
2012	4	1,464,002.0	1464744.363	1473338.617	1456150.108	4341.430556
2012	5	1,463,086.0	1464904.681	1473461.704	1456347.657	4322.623137
2012	6	1,463,062.0	1464093.686	1472613.536	1455573.836	4303.844665
2012	7	1,464,991.0	1464116.58	1472599.315	1455633.846	4285.095521
2012	8	1,464,825.0	1466453.522	1474873.232	1458033.813	4253.258268
2012	9	1,465,160.0	1466375.477	1474732.336	1458018.619	4221.509015
2012	10	1,465,281.0	1466765.794	1475059.981	1458471.607	4189.849762
2012	11	1,467,018.0	1466956.052	1475187.748	1458724.356	4158.282565
2012	12	1,469,407.0	1468657.033	1476826.426	1460487.64	4126.809535
2013	1	1,471,228.0	1470967.539	1479074.818	1462860.259	4095.432844
2013	2	1,473,524.0	1472747.048	1480792.409	1464701.686	4064.154724
2013	3	1,476,494.0	1474970.612	1482954.256	1466986.968	4032.977468
2013	4	1,476,983.0	1477824.267	1485746.397	1469902.138	4001.903433
2013	5	1,476,072.0	1478358.551	1486219.377	1470497.726	3970.935042
2013	6	1,476,177.0	1477584.041	1485383.775	1469784.306	3940.074787
2013	7	1,478,112.0	1477759.341	1485498.204	1470020.478	3909.325228
2013	8	1,478,089.0	1480001.172	1487661.211	1472341.132	3869.507334
2013	9	1,477,554.0	1480079.987	1487661.594	1472498.379	3829.887081
2013	10	1,479,562.0	1479680.157	1487183.736	1472176.577	3790.470664
2013	11	1,484,265.0	1481657.659	1489083.626	1474231.691	3751.26451
2013	12	1,488,356.0	1486154.591	1493503.376	1478805.806	3712.27528
2014	1	1,490,408.0	1490079.393	1497351.438	1482807.348	3673.509881
2014	2	1,491,862.0	1492098.029	1499293.792	1484902.266	3634.975475
2014	3	1,494,804.0	1493557.622	1500677.575	1486437.67	3596.679487
2014	4	1,498,052.0	1496408.278	1503452.907	1489363.649	3558.629612
2014	5	1,497,403.0	1499544.998	1506514.807	1492575.189	3520.833832
2014	6	1,499,069.0	1499038.595	1505934.103	1492143.087	3483.300416
2014	7	1,500,360.0	1500696.377	1507518.121	1493874.634	3446.037937
2014	8	1,501,617.0	1502302.718	1509037.095	1495568.341	3401.904374

	Cust_RES Actual	Predicted
2010-2020 APCT	**1.45%**	**1.44%**
2015-2020 APCT	**1.70%**	**1.69%**
2020--2025 APCT		**2.07%**
2025-2030 APCT		**1.53%**
2030-2035 APCT		**1.10%**
2035-2050 APCT		**0.85%**

HH Growth Elasticity	0.838108
MAPE	0.07%
MAD	1,006

Coefficients are significant and the right sign
Adjust the forecast for customers using the *(Jan 2022 Moodys / Fall 2021Moodys ratio)) * El



2014	9	1,504,244.0	1503597.633	1510245.465	1496949.8	3358.185659
2014	10	1,507,135.0	1506173.296	1512735.437	1499611.156	3314.898206
2014	11	1,512,779.0	1508995.761	1515473.098	1502518.424	3272.05913
2014	12	1,511,013.0	1514391.878	1520785.334	1507998.422	3229.686275
2015	1	1,514,320.0	1512860.73	1519171.265	1506550.196	3187.798231
2015	2	1,516,193.0	1516072.095	1522300.706	1509843.483	3146.414361
2015	3	1,519,014.0	1517942.879	1524090.605	1511795.152	3105.554821
2015	4	1,520,413.0	1520699.904	1526767.825	1514631.983	3065.240578
2015	5	1,521,090.0	1522127.568	1528116.806	1516138.33	3025.493431
2015	6	1,522,877.0	1522880.267	1528791.989	1516968.545	2986.336024
2015	7	1,524,108.0	1524670.654	1530506.075	1518835.233	2947.791858
2015	8	1,525,732.0	1526073.108	1531828.159	1520318.057	2907.192771
2015	9	1,528,354.0	1527719.703	1533395.895	1522043.51	2867.357118
2015	10	1,530,221.0	1530299.281	1535898.191	1524700.372	2828.317156
2015	11	1,533,150.0	1532173.046	1537696.313	1526649.778	2790.106287
2015	12	1,536,369.0	1535039.624	1540488.96	1529590.289	2752.759036
2016	1	1,538,756.0	1538177.311	1543554.494	1532800.127	2716.311026
2016	2	1,541,820.0	1540537.199	1545844.083	1535230.315	2680.798935
2016	3	1,544,088.0	1543529.983	1548768.495	1538291.471	2646.260444
2016	4	1,545,687.0	1545778.623	1550950.767	1540606.48	2612.734163
2016	5	1,546,684.0	1547401.847	1552509.704	1542293.99	2580.259548
2016	6	1,547,448.0	1548462.289	1553508.021	1543416.557	2548.876797
2016	7	1,548,595.0	1549304.91	1554290.759	1544319.06	2518.626725
2016	8	1,550,721.0	1550507.875	1555436.1	1545579.65	2489.517457
2016	9	1,552,407.0	1552623.916	1557496.929	1547750.904	2461.626638
2016	10	1,553,795.0	1554328.621	1559148.917	1549508.326	2434.996138
2016	11	1,555,471.0	1555754.741	1560524.896	1550984.585	2409.667743
2016	12	1,558,704.0	1557450.097	1562172.773	1552727.422	2385.682924
2017	1	1,561,404.0	1560601.021	1565278.957	1555923.085	2363.082594
2017	2	1,563,934.0	1563253.668	1567889.684	1558617.652	2341.906836
2017	3	1,566,777.0	1565747.39	1570344.384	1561150.396	2322.19462
2017	4	1,568,382.0	1568533.721	1573094.664	1563972.777	2303.983514
2017	5	1,569,908.0	1570162.703	1574690.639	1565634.767	2287.309371
2017	6	1,571,275.0	1571717.832	1576215.869	1567219.794	2272.206028
2017	7	1,573,084.0	1573124.319	1577595.63	1568653.008	2258.704996
2017	8	1,575,202.0	1575010.055	1579457.138	1570562.971	2246.466384
2017	9	1,576,117.0	1577122.919	1581549.281	1572696.558	2235.998582
2017	10	1,584,676.0	1583340.666	1588133.661	1578547.671	2421.20537
2017	11	1,582,785.0	1581356.585	1585752.209	1576960.961	2220.471348
2017	12	1,583,496.0	1584610.448	1588996.131	1580224.765	2215.449822
2018	1	1,587,358.0	1585407.974	1589787.371	1581028.577	2212.274465
2018	2	1,588,420.0	1589151.223	1593528.005	1584774.441	2210.953231
2018	3	1,590,953.0	1590276.882	1594654.726	1585899.039	2211.489443
2018	4	1,592,926.0	1592777.711	1597160.29	1588395.132	2213.881752
2018	5	1,593,798.0	1594755.022	1599145.999	1590364.045	2218.124151
2018	6	1,596,891.0	1595703.059	1600106.076	1591300.042	2224.206056
2018	7	1,599,236.0	1598727.406	1603146.074	1594308.738	2232.112429

2018	8	1,600,135.0	1601170.676	1605609.792	1596731.56	2242.441739
2018	9	1,605,094.0	1602151.654	1606615.163	1597688.145	2254.763726
2018	10	1,601,907.0	1601215.742	1606076.354	1596355.13	2455.362613
2018	11	1,610,169.0	1609429.557	1613953.419	1604905.695	2285.251591
2018	12	1,611,246.0	1611953.608	1616513.279	1607393.938	2303.340118
2019	1	1,615,025.0	1613100.991	1617700.109	1608501.872	2323.26753
2019	2	1,615,733.0	1616774.347	1621416.46	1612132.233	2344.986948
2019	3	1,618,127.0	1617576.768	1622265.327	1612888.209	2368.449073
2019	4	1,621,987.0	1619955.352	1624693.705	1615216.999	2393.602659
2019	5	1,621,898.0	1623704.431	1628495.822	1618913.04	2420.394971
2019	6	1,621,150.0	1623761.774	1628609.34	1618914.208	2448.772222
2019	7	1,628,145.0	1628145.328	1633398.982	1622891.673	2653.909753
2019	8	1,625,799.0	1625799.351	1630784.147	1620814.554	2518.094826
2019	9	1,627,601.0	1628402.004	1633469.172	1623334.837	2559.70489
2019	10	1,630,220.0	1630262.124	1635415.799	1625108.448	2603.404912
2019	11	1,633,394.0	1632886.018	1638130.134	1627641.902	2649.091465
2019	12	1,636,473.0	1636028.756	1641367.046	1630690.467	2696.663585
2020	1	1,639,349.0	1639082.683	1644518.685	1633646.682	2746.023277
2020	2	1,642,823.0	1641946.835	1647483.9	1636409.77	2797.075906
2020	3	1,644,853.0	1645370.029	1651011.328	1639728.73	2849.730489
2020	4	1,648,060.0	1647443.295	1653191.827	1641694.762	2903.899884
2020	5	1,650,796.0	1650616.883	1656475.483	1644758.283	2959.500914
2020	6	1,652,761.0	1653350.155	1659321.5	1647378.811	3016.454413
2020	7	1,656,543.0	1655362.656	1661449.273	1649276.038	3074.685226
2020	8	1,657,899.0	1659483.012	1665705.363	1653260.661	3143.251635
2020	9	1,663,177.0	1660952.847	1667313.896	1654591.797	3213.316086
2020	10	1,665,158.0	1666089.176	1672591.701	1659586.652	3284.782722
2020	11	1,666,416.0	1668143.294	1674789.891	1661496.696	3357.562005
2020	12	1,671,874.0	1669521.512	1676314.616	1662728.408	3431.570417
2021	1	1,671,681.0	1674826.116	1681768.005	1667884.226	3506.730139
2021	2	1,675,535.0	1674847.862	1681940.672	1667755.051	3582.968719
2021	3	1,678,510.0	1678652.96	1685898.694	1671407.226	3660.218742
2021	4	1,681,018.0	1681636.322	1689036.858	1674235.787	3738.417508
2021	5	1,684,627.0	1684183.108	1691740.207	1676626.008	3817.506714
2021	6	1,686,246.0	1687759.167	1695474.486	1680043.847	3897.432154
2021	7	1,686,741.4	1689474.867	1697349.962	1681599.773	3978.143424
2021	8		1690205.168	1698244.891	1682165.446	4061.306059
2021	9		1693649.643	1702201.391	1685097.896	4319.958003
2021	10		1697076.128	1706074.715	1688077.54	4545.681605
2021	11		1700485.793	1709880.251	1691091.335	4745.657455
2021	12		1703879.735	1713629.436	1694130.034	4925.110157
2022	1		1707258.978	1717331.088	1697186.867	5087.977067
2022	2		1710624.479	1720992.197	1700256.762	5237.304334
2022	3		1713977.135	1724618.416	1703335.854	5375.496324
2022	4		1717317.781	1728214.398	1706421.164	5504.480613
2022	5		1720647.2	1731784.023	1709510.378	5625.821582
2022	6		1723966.124	1735330.56	1712601.689	5740.801249

2022	7	1727275.237	1738856.788	1715693.685	5850.478435
2022	8	1730449.331	1742233.195	1718665.468	5952.677486
2022	9	1733614.851	1745593.674	1721636.028	6051.162367
2022	10	1736772.354	1748939.998	1724604.71	6146.546018
2022	11	1739922.363	1752273.71	1727571.016	6239.344668
2022	12	1743065.366	1755596.162	1730534.57	6329.994178
2023	1	1746201.82	1758908.541	1733495.1	6418.863264
2023	2	1749332.151	1762211.89	1736452.413	6506.264283
2023	3	1752456.758	1765507.133	1739406.383	6592.462113
2023	4	1755576.014	1768795.088	1742356.94	6677.681506
2023	5	1758690.268	1772076.482	1745304.053	6762.113209
2023	6	1761799.844	1775351.96	1748247.728	6845.919096
2023	7	1764905.05	1778622.1	1751187.999	6929.236479
2023	8	1767877.423	1781752.109	1754002.738	7008.866732
2023	9	1770845.976	1784877.694	1756814.258	7088.192316
2023	10	1773810.957	1787999.27	1759622.643	7167.297304
2023	11	1776772.598	1791117.211	1762427.985	7246.252853
2023	12	1779731.118	1794231.854	1765230.383	7325.119068
2024	1	1782686.72	1797343.502	1768029.938	7403.946593
2024	2	1785639.593	1800452.429	1770826.758	7482.777978
2024	3	1788589.916	1803558.884	1773620.949	7561.648843
2024	4	1791537.855	1806663.092	1776412.618	7640.588877
2024	5	1794483.565	1809765.256	1779201.873	7719.622699
2024	6	1797427.191	1812865.562	1781988.819	7798.770589
2024	7	1800368.869	1815964.179	1784773.558	7878.049123
2024	8	1803289.315	1819040.812	1787537.818	7956.947302
2024	9	1806208.059	1822116.041	1790300.077	8035.996741
2024	10	1809125.212	1825189.996	1793060.427	8115.205989
2024	11	1812040.876	1828262.792	1795818.961	8194.581633
2024	12	1814955.15	1831334.536	1798575.764	8274.128602
2025	1	1817868.123	1834405.326	1801330.921	8353.85041
2025	2	1820779.881	1837475.251	1804084.511	8433.749378
2025	3	1823690.502	1840544.392	1806836.612	8513.826822
2025	4	1826600.061	1843612.826	1809587.296	8594.083208
2025	5	1829508.627	1846680.62	1812336.634	8674.518294
2025	6	1832416.264	1849747.838	1815084.69	8755.131247
2025	7	1835323.034	1852814.538	1817831.529	8835.92074
2025	8	1838100.811	1855745.498	1820456.124	8913.301821
2025	9	1840877.829	1858676.009	1823079.65	8990.839175
2025	10	1843654.139	1861606.116	1825702.161	9068.531097
2025	11	1846429.785	1864535.863	1828323.707	9146.375646
2025	12	1849204.812	1867465.288	1830944.336	9224.370686
2026	1	1851979.259	1870394.427	1833564.092	9302.513932
2026	2	1854753.165	1873323.313	1836183.017	9380.80298
2026	3	1857526.564	1876251.976	1838801.152	9459.235336
2026	4	1860299.49	1879180.444	1841418.536	9537.80844
2026	5	1863071.973	1882108.744	1844035.203	9616.519689

2026	6	1865844.043	1885036.898	1846651.188	9695.366451
2026	7	1868615.726	1887964.928	1849266.524	9774.346083
2026	8	1871248.557	1890746.52	1851750.595	9849.493396
2026	9	1873881.051	1893528.002	1854234.1	9924.75564
2026	10	1876513.228	1896309.391	1856717.065	10000.13064
2026	11	1879145.111	1899090.704	1859199.517	10075.61621
2026	12	1881776.716	1901871.955	1861681.478	10151.21022
2027	1	1884408.064	1904653.158	1864162.97	10226.91051
2027	2	1887039.171	1907434.327	1866644.015	10302.71499
2027	3	1889670.051	1910215.471	1869124.631	10378.62158
2027	4	1892300.721	1912996.603	1871604.839	10454.62822
2027	5	1894931.194	1915777.732	1874084.656	10530.73291
2027	6	1897561.482	1918558.867	1876564.098	10606.93367
2027	7	1900191.598	1921340.015	1879043.181	10683.22855
2027	8	1902671.627	1923962.627	1881380.627	10755.25502
2027	9	1905151.504	1926585.246	1883717.762	10827.36185
2027	10	1907631.241	1929207.881	1886054.601	10899.54754
2027	11	1910110.846	1931830.538	1888391.155	10971.81059
2027	12	1912590.328	1934453.221	1890727.436	11044.14953
2028	1	1915069.696	1937075.937	1893063.454	11116.56295
2028	2	1917548.955	1939698.69	1895399.22	11189.04943
2028	3	1920028.114	1942321.485	1897734.743	11261.6076
2028	4	1922507.179	1944944.325	1900070.034	11334.23612
2028	5	1924986.156	1947567.213	1902405.1	11406.93367
2028	6	1927465.052	1950190.154	1904739.949	11479.69896
2028	7	1929943.87	1952813.149	1907074.59	11552.53074
2028	8	1932261.615	1955265.82	1909257.41	11620.68904
2028	9	1934579.294	1957718.535	1911440.052	11688.9034
2028	10	1936896.909	1960171.296	1913622.522	11757.17285
2028	11	1939214.466	1962624.106	1915804.827	11825.49644
2028	12	1941531.968	1965076.966	1917986.971	11893.87325
2029	1	1943849.419	1967529.879	1920168.96	11962.30239
2029	2	1946166.822	1969982.845	1922350.799	12030.78296
2029	3	1948484.181	1972435.867	1924532.494	12099.3141
2029	4	1950801.497	1974888.945	1926714.048	12167.89496
2029	5	1953118.774	1977342.081	1928895.467	12236.52471
2029	6	1955436.015	1979795.276	1931076.753	12305.20254
2029	7	1957753.221	1982248.53	1933257.912	12373.92765
2029	8	1959961.987	1984587.063	1935336.912	12439.48015
2029	9	1962170.724	1986925.649	1937415.799	12505.07424
2029	10	1964379.433	1989264.289	1939494.577	12570.70927
2029	11	1966588.115	1991602.981	1941573.249	12636.3846
2029	12	1968796.773	1993941.728	1943651.818	12702.09961
2030	1	1971005.408	1996280.53	1945730.287	12767.85368
2030	2	1973214.022	1998619.386	1947808.659	12833.64623
2030	3	1975422.616	2000958.297	1949886.936	12899.47665
2030	4	1977631.191	2003297.263	1951965.12	12965.34438

2030	5	1979839.749	2005636.285	1954043.214	13031.24886
2030	6	1982048.291	2007975.362	1956121.22	13097.18952
2030	7	1984256.817	2010314.494	1958199.14	13163.16582
2030	8	1986352.451	2012534.123	1960170.78	13225.80221
2030	9	1988448.072	2014753.8	1962142.344	13288.46977
2030	10	1990543.68	2016973.525	1964113.836	13351.16805
2030	11	1992639.277	2019193.298	1966085.255	13413.89663
2030	12	1994734.863	2021413.12	1968056.605	13476.65509
2031	1	1996830.438	2023632.99	1970027.886	13539.44301
2031	2	1998926.004	2025852.908	1971999.101	13602.25998
2031	3	2001021.562	2028072.874	1973970.249	13665.1056
2031	4	2003117.111	2030292.887	1975941.334	13727.97948
2031	5	2005212.652	2032512.948	1977912.355	13790.88123
2031	6	2007308.185	2034733.056	1979883.315	13853.81048
2031	7	2009403.713	2036953.211	1981854.214	13916.76684
2031	8	2011389.376	2039057.017	1983721.734	13976.44727
2031	9	2013375.033	2041160.864	1985589.202	14036.15142
2031	10	2015360.684	2043264.752	1987456.617	14095.87897
2031	11	2017346.331	2045368.68	1989323.982	14155.62965
2031	12	2019331.972	2047472.648	1991191.296	14215.40315
2032	1	2021317.609	2049576.657	1993058.562	14275.19919
2032	2	2023303.242	2051680.706	1994925.779	14335.01749
2032	3	2025288.871	2053784.794	1996792.948	14394.85777
2032	4	2027274.496	2055888.921	1998660.071	14454.71976
2032	5	2029260.118	2057993.087	2000527.148	14514.60318
2032	6	2031245.736	2060097.292	2002394.18	14574.50778
2032	7	2033231.351	2062201.536	2004261.167	14634.4333
2032	8	2035112.301	2064194.898	2006029.704	14691.2191
2032	9	2036993.248	2066188.294	2007798.203	14748.02322
2032	10	2038874.193	2068181.724	2009566.663	14804.84546
2032	11	2040755.136	2070175.186	2011335.085	14861.6856
2032	12	2042636.076	2072168.682	2013103.47	14918.54345
2033	1	2044517.014	2074162.21	2014871.818	14975.41879
2033	2	2046397.95	2076155.77	2016640.13	15032.31143
2033	3	2048278.885	2078149.363	2018408.407	15089.22118
2033	4	2050159.818	2080142.987	2020176.648	15146.14784
2033	5	2052040.749	2082136.643	2021944.855	15203.09123
2033	6	2053921.679	2084130.33	2023713.028	15260.05114
2033	7	2055802.607	2086124.048	2025481.166	15317.02741
2033	8	2057584.389	2088012.704	2027156.074	15371.01529
2033	9	2059366.169	2089901.387	2028830.952	15425.01752
2033	10	2061147.949	2091790.096	2030505.801	15479.03395
2033	11	2062929.727	2093678.833	2032180.621	15533.06445
2033	12	2064711.504	2095567.596	2033855.413	15587.10886
2034	1	2066493.281	2097456.385	2035530.176	15641.16703
2034	2	2068275.056	2099345.201	2037204.912	15695.23883
2034	3	2070056.831	2101234.043	2038879.62	15749.32412

2034	4	2071838.605	2103122.91	2040554.301	15803.42275
2034	5	2073620.379	2105011.802	2042228.955	15857.5346
2034	6	2075402.151	2106900.72	2043903.582	15911.65951
2034	7	2077183.923	2108789.663	2045578.184	15965.79738
2034	8	2078940.888	2110652.332	2047229.445	16019.19405
2034	9	2080697.853	2112515.024	2048880.682	16072.60305
2034	10	2082454.817	2114377.74	2050531.893	16126.02427
2034	11	2084211.78	2116240.48	2052183.081	16179.45758
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2035	1	2087725.706	2119966.029	2055485.384	16286.35998
2035	2	2089482.669	2121828.837	2057136.5	16339.82884
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2035	7	2098267.475	2131143.217	2065391.733	16607.34523
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2035	9	2101747.005	2134832.656	2068661.354	16713.38176
2035	10	2103486.77	2136677.407	2070296.133	16766.41605
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2035	12	2106966.298	2140366.97	2073565.627	16872.51618
2036	1	2108706.062	2142211.782	2075200.343	16925.58181
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2036	3	2112185.59	2145901.467	2078469.713	17031.74374
2036	4	2113925.354	2147746.339	2080104.368	17084.83984
2036	5	2115665.117	2149591.231	2081739.003	17137.94592
2036	6	2117404.88	2151436.142	2083373.619	17191.06186
2036	7	2119144.644	2153281.072	2085008.215	17244.1876
2036	8	2120799.033	2155035.487	2086562.58	17294.71535
2036	9	2122453.423	2156789.918	2088116.929	17345.25179
2036	10	2124107.813	2158544.366	2089671.26	17395.79684
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2037	3	2132379.76	2167316.856	2097442.664	17648.64872
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2037	6	2137342.927	2172580.545	2102105.31	17800.45855
2037	7	2138997.316	2174335.139	2103659.493	17851.07786
2037	8	2140635.597	2176072.665	2105198.529	17901.21209
2037	9	2142273.878	2177810.206	2106737.549	17951.35401
2037	10	2143912.158	2179547.763	2108276.554	18001.50355
2037	11	2145550.439	2181285.334	2109815.544	18051.66064
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2038	2	2150465.281	2186498.136	2114432.426	18202.17664

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2038	4	2153741.842	2189973.409	2117510.275	18302.55729
2038	5	2155380.122	2191711.068	2119049.177	18352.75842
2038	6	2157018.403	2193448.74	2120588.066	18402.96669
2038	7	2158656.683	2195186.426	2122126.941	18453.18203
2038	8	2160279.742	2196907.98	2123651.503	18502.93771
2038	9	2161902.8	2198629.548	2125176.052	18552.70022
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2038	12	2166771.974	2203794.33	2129749.618	18702.02817
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2039	2	2170018.09	2207237.584	2132798.596	18801.6133
2039	3	2171641.148	2208959.231	2134323.066	18851.41566
2039	4	2173264.207	2210680.89	2135847.523	18901.22447
2039	5	2174887.265	2212402.561	2137371.968	18951.03969
2039	6	2176510.323	2214124.246	2138896.399	19000.86127
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2039	8	2179742.062	2217552.402	2141931.723	19100.08185
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2039	11	2184568.107	2222671.85	2146464.363	19248.29635
2039	12	2186176.788	2224378.356	2147975.22	19297.71317
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2040	2	2189394.151	2227791.405	2150996.897	19396.5645
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2040	4	2192611.514	2231204.499	2154018.529	19495.43912
2040	5	2194220.195	2232911.063	2155529.328	19544.88506
2040	6	2195828.877	2234617.638	2157040.115	19594.33669
2040	7	2197437.558	2236324.225	2158550.891	19643.79397
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2040	11	2203817.033	2243092.066	2164542	19839.97926
2040	12	2205411.901	2244784.053	2166039.75	19889.03905
2041	1	2207006.77	2246476.05	2167537.49	19938.10415
2041	2	2208601.639	2248168.058	2169035.219	19987.17453
2041	3	2210196.507	2249860.077	2170532.938	20036.25013
2041	4	2211791.376	2251552.105	2172030.647	20085.33093
2041	5	2213386.245	2253244.144	2173528.346	20134.41689
2041	6	2214981.113	2254936.193	2175026.034	20183.50796
2041	7	2216575.982	2256628.252	2176523.712	20232.60411
2041	8	2218156.434	2258305.025	2178007.843	20281.26144
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2042	1	2226058.693	2266689.037	2185428.349	20524.62113

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2042	6	2233960.952	2275073.283	2192848.621	20768.09944
2042	7	2235541.404	2276750.16	2194332.648	20816.80898
2042	8	2237106.472	2278410.724	2195802.221	20865.04888
2042	9	2238671.541	2280071.296	2197271.786	20913.29321
2042	10	2240236.609	2281731.877	2198741.341	20961.54193
2042	11	2241801.678	2283392.467	2200210.889	21009.79503
2042	12	2243366.746	2285053.066	2201680.427	21058.05246
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2043	2	2246496.884	2288374.288	2204619.479	21154.58022
2043	3	2248061.952	2290034.912	2206088.992	21202.85049
2043	4	2249627.021	2291695.544	2207558.497	21251.12498
2043	5	2251192.089	2293356.185	2209027.993	21299.40366
2043	6	2252757.158	2295016.834	2210497.482	21347.6865
2043	7	2254322.226	2296677.491	2211966.962	21395.97348
2043	8	2255870.985	2298320.85	2213421.12	21443.76131
2043	9	2257419.744	2299964.217	2214875.271	21491.55313
2043	10	2258968.503	2301607.592	2216329.414	21539.34892
2043	11	2260517.262	2303250.975	2217783.549	21587.14865
2043	12	2262066.021	2304894.366	2219237.677	21634.9523
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2044	5	2269809.816	2313111.434	2226508.199	21874.02837
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2045	2	2283627.997	2327774.591	2239481.404	22300.87228
2045	3	2285159.521	2329399.801	2240919.24	22348.19877
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2045	10	2295828.476	2340721.591	2250935.362	22677.98097
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2047	10	2333150.552	2380329.816	2285971.289	23832.84073
2047	11	2334725.447	2382001.257	2287449.636	23881.61178
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2048	2	2339450.13	2387015.616	2291884.644	24027.9428
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2048	8	2348898.893	2397043.849	2300753.937	24320.66494
2048	9	2350473.184	2398714.707	2302231.661	24369.44637
2048	10	2352047.474	2400385.57	2303709.378	24418.23062
2048	11	2353621.764	2402056.439	2305187.09	24467.01766
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2049	5	2363067.507	2412081.766	2314053.248	24759.79769
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2049	7	2366216.088	2415423.584	2317008.592	24857.41266
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2049	12	2374111.702	2423803.868	2324419.537	25102.24553
2050	1	2375690.825	2425479.94	2325901.711	25151.21993
2050	2	2377269.948	2427156.017	2327383.879	25200.19691
2050	3	2378849.071	2428832.099	2328866.043	25249.17644
2050	4	2380428.194	2430508.187	2330348.201	25298.15852
2050	5	2382007.317	2432184.279	2331830.355	25347.14313
2050	6	2383586.44	2433860.376	2333312.503	25396.13025
2050	7	2385165.563	2435536.479	2334794.647	25445.11988
2050	8	2386744.685	2437212.586	2336276.785	25494.11199
2050	9	2388323.808	2438888.698	2337758.919	25543.10657
2050	10	2389902.931	2440564.815	2339241.048	25592.10361
2050	11	2391482.054	2442240.937	2340723.172	25641.10309
2050	12	2393061.177	2443917.063	2342205.291	25690.105

asticity and apply to Fall 2021 Forecast of customers

Year	Month	CUST_SL	12-Aug	13-Jan	14-May	18-Aug	18-Sep	19-Feb	LagDep(5)	XMissing	YMissing
2011	1	1,616	0.00	0.00	0.00	0.00	0.00	0.00	1,631.00	0	0
2011	2	1,598	0.00	0.00	0.00	0.00	0.00	0.00	1,632.00	0	0
2011	3	1,579	0.00	0.00	0.00	0.00	0.00	0.00	1,631.00	0	0
2011	4	1,578	0.00	0.00	0.00	0.00	0.00	0.00	1,627.00	0	0
2011	5	1,577	0.00	0.00	0.00	0.00	0.00	0.00	1,624.00	0	0
2011	6	1,569	0.00	0.00	0.00	0.00	0.00	0.00	1,616.00	0	0
2011	7	1,567	0.00	0.00	0.00	0.00	0.00	0.00	1,598.00	0	0
2011	8	1,565	0.00	0.00	0.00	0.00	0.00	0.00	1,579.00	0	0
2011	9	1,559	0.00	0.00	0.00	0.00	0.00	0.00	1,578.00	0	0
2011	10	1,553	0.00	0.00	0.00	0.00	0.00	0.00	1,577.00	0	0
2011	11	1,549	0.00	0.00	0.00	0.00	0.00	0.00	1,569.00	0	0
2011	12	1,550	0.00	0.00	0.00	0.00	0.00	0.00	1,567.00	0	0
2012	1	1,547	0.00	0.00	0.00	0.00	0.00	0.00	1,565.00	0	0
2012	2	1,548	0.00	0.00	0.00	0.00	0.00	0.00	1,559.00	0	0
2012	3	1,549	0.00	0.00	0.00	0.00	0.00	0.00	1,553.00	0	0
2012	4	1,549	0.00	0.00	0.00	0.00	0.00	0.00	1,549.00	0	0
2012	5	1,549	0.00	0.00	0.00	0.00	0.00	0.00	1,550.00	0	0
2012	6	1,548	0.00	0.00	0.00	0.00	0.00	0.00	1,547.00	0	0
2012	7	1,545	0.00	0.00	0.00	0.00	0.00	0.00	1,548.00	0	0
2012	8	1,584	1.00	0.00	0.00	0.00	0.00	0.00	1,549.00	0	0
2012	9	1,583	0.00	0.00	0.00	0.00	0.00	0.00	1,549.00	0	0
2012	10	1,579	0.00	0.00	0.00	0.00	0.00	0.00	1,549.00	0	0
2012	11	1,575	0.00	0.00	0.00	0.00	0.00	0.00	1,548.00	0	0
2012	12	1,573	0.00	0.00	0.00	0.00	0.00	0.00	1,545.00	0	0
2013	1	1,569	0.00	1.00	0.00	0.00	0.00	0.00	1,584.00	0	0
2013	2	1,568	0.00	0.00	0.00	0.00	0.00	0.00	1,583.00	0	0
2013	3	1,567	0.00	0.00	0.00	0.00	0.00	0.00	1,579.00	0	0
2013	4	1,569	0.00	0.00	0.00	0.00	0.00	0.00	1,575.00	0	0
2013	5	1,568	0.00	0.00	0.00	0.00	0.00	0.00	1,573.00	0	0
2013	6	1,563	0.00	0.00	0.00	0.00	0.00	0.00	1,569.00	0	0
2013	7	1,562	0.00	0.00	0.00	0.00	0.00	0.00	1,568.00	0	0
2013	8	1,561	0.00	0.00	0.00	0.00	0.00	0.00	1,567.00	0	0
2013	9	1,560	0.00	0.00	0.00	0.00	0.00	0.00	1,569.00	0	0
2013	10	1,561	0.00	0.00	0.00	0.00	0.00	0.00	1,568.00	0	0
2013	11	1,559	0.00	0.00	0.00	0.00	0.00	0.00	1,563.00	0	0
2013	12	1,556	0.00	0.00	0.00	0.00	0.00	0.00	1,562.00	0	0
2014	1	1,554	0.00	0.00	0.00	0.00	0.00	0.00	1,561.00	0	0
2014	2	1,554	0.00	0.00	0.00	0.00	0.00	0.00	1,560.00	0	0
2014	3	1,556	0.00	0.00	0.00	0.00	0.00	0.00	1,561.00	0	0
2014	4	1,555	0.00	0.00	0.00	0.00	0.00	0.00	1,559.00	0	0
2014	5	1,564	0.00	0.00	1.00	0.00	0.00	0.00	1,556.00	0	0
2014	6	1,550	0.00	0.00	0.00	0.00	0.00	0.00	1,554.00	0	0
2014	7	1,550	0.00	0.00	0.00	0.00	0.00	0.00	1,554.00	0	0
2014	8	1,546	0.00	0.00	0.00	0.00	0.00	0.00	1,556.00	0	0
2014	9	1,545	0.00	0.00	0.00	0.00	0.00	0.00	1,555.00	0	0
2014	10	1,551	0.00	0.00	0.00	0.00	0.00	0.00	1,564.00	0	0

2014	11	1,546	0.00	0.00	0.00	0.00	0.00	0.00	1,550.00	0	0
2014	12	1,545	0.00	0.00	0.00	0.00	0.00	0.00	1,550.00	0	0
2015	1	1,545	0.00	0.00	0.00	0.00	0.00	0.00	1,546.00	0	0
2015	2	1,541	0.00	0.00	0.00	0.00	0.00	0.00	1,545.00	0	0
2015	3	1,539	0.00	0.00	0.00	0.00	0.00	0.00	1,551.00	0	0
2015	4	1,538	0.00	0.00	0.00	0.00	0.00	0.00	1,546.00	0	0
2015	5	1,538	0.00	0.00	0.00	0.00	0.00	0.00	1,545.00	0	0
2015	6	1,534	0.00	0.00	0.00	0.00	0.00	0.00	1,545.00	0	0
2015	7	1,533	0.00	0.00	0.00	0.00	0.00	0.00	1,541.00	0	0
2015	8	1,534	0.00	0.00	0.00	0.00	0.00	0.00	1,539.00	0	0
2015	9	1,535	0.00	0.00	0.00	0.00	0.00	0.00	1,538.00	0	0
2015	10	1,535	0.00	0.00	0.00	0.00	0.00	0.00	1,538.00	0	0
2015	11	1,533	0.00	0.00	0.00	0.00	0.00	0.00	1,534.00	0	0
2015	12	1,533	0.00	0.00	0.00	0.00	0.00	0.00	1,533.00	0	0
2016	1	1,534	0.00	0.00	0.00	0.00	0.00	0.00	1,534.00	0	0
2016	2	1,534	0.00	0.00	0.00	0.00	0.00	0.00	1,535.00	0	0
2016	3	1,539	0.00	0.00	0.00	0.00	0.00	0.00	1,535.00	0	0
2016	4	1,537	0.00	0.00	0.00	0.00	0.00	0.00	1,533.00	0	0
2016	5	1,537	0.00	0.00	0.00	0.00	0.00	0.00	1,533.00	0	0
2016	6	1,534	0.00	0.00	0.00	0.00	0.00	0.00	1,534.00	0	0
2016	7	1,532	0.00	0.00	0.00	0.00	0.00	0.00	1,534.00	0	0
2016	8	1,528	0.00	0.00	0.00	0.00	0.00	0.00	1,539.00	0	0
2016	9	1,528	0.00	0.00	0.00	0.00	0.00	0.00	1,537.00	0	0
2016	10	1,526	0.00	0.00	0.00	0.00	0.00	0.00	1,537.00	0	0
2016	11	1,529	0.00	0.00	0.00	0.00	0.00	0.00	1,534.00	0	0
2016	12	1,528	0.00	0.00	0.00	0.00	0.00	0.00	1,532.00	0	0
2017	1	1,526	0.00	0.00	0.00	0.00	0.00	0.00	1,528.00	0	0
2017	2	1,522	0.00	0.00	0.00	0.00	0.00	0.00	1,528.00	0	0
2017	3	1,522	0.00	0.00	0.00	0.00	0.00	0.00	1,526.00	0	0
2017	4	1,519	0.00	0.00	0.00	0.00	0.00	0.00	1,529.00	0	0
2017	5	1,517	0.00	0.00	0.00	0.00	0.00	0.00	1,528.00	0	0
2017	6	1,517	0.00	0.00	0.00	0.00	0.00	0.00	1,526.00	0	0
2017	7	1,515	0.00	0.00	0.00	0.00	0.00	0.00	1,522.00	0	0
2017	8	1,514	0.00	0.00	0.00	0.00	0.00	0.00	1,522.00	0	0
2017	9	1,512	0.00	0.00	0.00	0.00	0.00	0.00	1,519.00	0	0
2017	10	1,517	0.00	0.00	0.00	0.00	0.00	0.00	1,517.00	0	0
2017	11	1,517	0.00	0.00	0.00	0.00	0.00	0.00	1,517.00	0	0
2017	12	1,517	0.00	0.00	0.00	0.00	0.00	0.00	1,515.00	0	0
2018	1	1,515	0.00	0.00	0.00	0.00	0.00	0.00	1,514.00	0	0
2018	2	1,521	0.00	0.00	0.00	0.00	0.00	0.00	1,512.00	0	0
2018	3	1,514	0.00	0.00	0.00	0.00	0.00	0.00	1,517.00	0	0
2018	4	1,513	0.00	0.00	0.00	0.00	0.00	0.00	1,517.00	0	0
2018	5	1,510	0.00	0.00	0.00	0.00	0.00	0.00	1,517.00	0	0
2018	6	1,510	0.00	0.00	0.00	0.00	0.00	0.00	1,515.00	0	0
2018	7	1,505	0.00	0.00	0.00	0.00	0.00	0.00	1,521.00	0	0
2018	8	1,491	0.00	0.00	0.00	1.00	0.00	0.00	1,514.00	0	0
2018	9	1,522	0.00	0.00	0.00	0.00	1.00	0.00	1,513.00	0	0

2018	10	1,504	0.00	0.00	0.00	0.00	0.00	0.00	1,510.00	0	0
2018	11	1,504	0.00	0.00	0.00	0.00	0.00	0.00	1,510.00	0	0
2018	12	1,506	0.00	0.00	0.00	0.00	0.00	0.00	1,505.00	0	0
2019	1	1,506	0.00	0.00	0.00	0.00	0.00	0.00	1,491.00	0	0
2019	2	1,505	0.00	0.00	0.00	0.00	0.00	1.00	1,522.00	0	0
2019	3	1,502	0.00	0.00	0.00	0.00	0.00	0.00	1,504.00	0	0
2019	4	1,503	0.00	0.00	0.00	0.00	0.00	0.00	1,504.00	0	0
2019	5	1,501	0.00	0.00	0.00	0.00	0.00	0.00	1,506.00	0	0
2019	6	1,497	0.00	0.00	0.00	0.00	0.00	0.00	1,506.00	0	0
2019	7	1,499	0.00	0.00	0.00	0.00	0.00	0.00	1,505.00	0	0
2019	8	1,498	0.00	0.00	0.00	0.00	0.00	0.00	1,502.00	0	0
2019	9	1,494	0.00	0.00	0.00	0.00	0.00	0.00	1,503.00	0	0
2019	10	1,493	0.00	0.00	0.00	0.00	0.00	0.00	1,501.00	0	0
2019	11	1,492	0.00	0.00	0.00	0.00	0.00	0.00	1,497.00	0	0
2019	12	1,492	0.00	0.00	0.00	0.00	0.00	0.00	1,499.00	0	0
2020	1	1,492	0.00	0.00	0.00	0.00	0.00	0.00	1,498.00	0	0
2020	2	1,492	0.00	0.00	0.00	0.00	0.00	0.00	1,494.00	0	0
2020	3	1,493	0.00	0.00	0.00	0.00	0.00	0.00	1,493.00	0	0
2020	4	1,495	0.00	0.00	0.00	0.00	0.00	0.00	1,492.00	0	0
2020	5	1,493	0.00	0.00	0.00	0.00	0.00	0.00	1,492.00	0	0
2020	6	1,494	0.00	0.00	0.00	0.00	0.00	0.00	1,492.00	0	0
2020	7	1,495	0.00	0.00	0.00	0.00	0.00	0.00	1,492.00	0	0
2020	8	1,494	0.00	0.00	0.00	0.00	0.00	0.00	1,493.00	0	0
2020	9	1,491	0.00	0.00	0.00	0.00	0.00	0.00	1,495.00	0	0
2020	10	1,495	0.00	0.00	0.00	0.00	0.00	0.00	1,493.00	0	0
2020	11	1,494	0.00	0.00	0.00	0.00	0.00	0.00	1,494.00	0	0
2020	12	1,496	0.00	0.00	0.00	0.00	0.00	0.00	1,495.00	0	0
2021	1	1,490	0.00	0.00	0.00	0.00	0.00	0.00	1,494.00	0	0
2021	2	1,488	0.00	0.00	0.00	0.00	0.00	0.00	1,491.00	0	0
2021	3	1,486	0.00	0.00	0.00	0.00	0.00	0.00	1,495.00	0	0
2021	4	1,488	0.00	0.00	0.00	0.00	0.00	0.00	1,494.00	0	0
2021	5	1,486	0.00	0.00	0.00	0.00	0.00	0.00	1,496.00	0	0
2021	6	1,485	0.00	0.00	0.00	0.00	0.00	0.00	1,490.00	0	0
2021	7	1,483	0.00	0.00	0.00	0.00	0.00	0.00	1,488.00	0	0
2021	8		0.00	0.00	0.00	0.00	0.00	0.00	1,486.00	0	1
2021	9		0.00	0.00	0.00	0.00	0.00	0.00	1,488.00	0	1
2021	10		0.00	0.00	0.00	0.00	0.00	0.00	1,486.00	0	1
2021	11		0.00	0.00	0.00	0.00	0.00	0.00	1,485.00	0	1
2021	12		0.00	0.00	0.00	0.00	0.00	0.00	1,483.01	0	1
2022	1		0.00	0.00	0.00	0.00	0.00	0.00	1,480.93	0	1
2022	2		0.00	0.00	0.00	0.00	0.00	0.00	1,482.84	0	1
2022	3		0.00	0.00	0.00	0.00	0.00	0.00	1,480.79	0	1
2022	4		0.00	0.00	0.00	0.00	0.00	0.00	1,479.73	0	1
2022	5		0.00	0.00	0.00	0.00	0.00	0.00	1,477.70	0	1
2022	6		0.00	0.00	0.00	0.00	0.00	0.00	1,475.58	0	1
2022	7		0.00	0.00	0.00	0.00	0.00	0.00	1,477.46	0	1
2022	8		0.00	0.00	0.00	0.00	0.00	0.00	1,475.37	0	1

2022	9	0.00	0.00	0.00	0.00	0.00	0.00	1,474.30	0	1
2022	10	0.00	0.00	0.00	0.00	0.00	0.00	1,472.25	0	1
2022	11	0.00	0.00	0.00	0.00	0.00	0.00	1,470.12	0	1
2022	12	0.00	0.00	0.00	0.00	0.00	0.00	1,471.96	0	1
2023	1	0.00	0.00	0.00	0.00	0.00	0.00	1,469.87	0	1
2023	2	0.00	0.00	0.00	0.00	0.00	0.00	1,468.79	0	1
2023	3	0.00	0.00	0.00	0.00	0.00	0.00	1,466.73	0	1
2023	4	0.00	0.00	0.00	0.00	0.00	0.00	1,464.60	0	1
2023	5	0.00	0.00	0.00	0.00	0.00	0.00	1,466.43	0	1
2023	6	0.00	0.00	0.00	0.00	0.00	0.00	1,464.34	0	1
2023	7	0.00	0.00	0.00	0.00	0.00	0.00	1,463.25	0	1
2023	8	0.00	0.00	0.00	0.00	0.00	0.00	1,461.20	0	1
2023	9	0.00	0.00	0.00	0.00	0.00	0.00	1,459.07	0	1
2023	10	0.00	0.00	0.00	0.00	0.00	0.00	1,460.89	0	1
2023	11	0.00	0.00	0.00	0.00	0.00	0.00	1,458.81	0	1
2023	12	0.00	0.00	0.00	0.00	0.00	0.00	1,457.72	0	1
2024	1	0.00	0.00	0.00	0.00	0.00	0.00	1,455.67	0	1
2024	2	0.00	0.00	0.00	0.00	0.00	0.00	1,453.55	0	1
2024	3	0.00	0.00	0.00	0.00	0.00	0.00	1,455.36	0	1
2024	4	0.00	0.00	0.00	0.00	0.00	0.00	1,453.28	0	1
2024	5	0.00	0.00	0.00	0.00	0.00	0.00	1,452.19	0	1
2024	6	0.00	0.00	0.00	0.00	0.00	0.00	1,450.15	0	1
2024	7	0.00	0.00	0.00	0.00	0.00	0.00	1,448.04	0	1
2024	8	0.00	0.00	0.00	0.00	0.00	0.00	1,449.84	0	1
2024	9	0.00	0.00	0.00	0.00	0.00	0.00	1,447.76	0	1
2024	10	0.00	0.00	0.00	0.00	0.00	0.00	1,446.68	0	1
2024	11	0.00	0.00	0.00	0.00	0.00	0.00	1,444.65	0	1
2024	12	0.00	0.00	0.00	0.00	0.00	0.00	1,442.54	0	1
2025	1	0.00	0.00	0.00	0.00	0.00	0.00	1,444.34	0	1
2025	2	0.00	0.00	0.00	0.00	0.00	0.00	1,442.27	0	1
2025	3	0.00	0.00	0.00	0.00	0.00	0.00	1,441.19	0	1
2025	4	0.00	0.00	0.00	0.00	0.00	0.00	1,439.16	0	1
2025	5	0.00	0.00	0.00	0.00	0.00	0.00	1,437.06	0	1
2025	6	0.00	0.00	0.00	0.00	0.00	0.00	1,438.85	0	1
2025	7	0.00	0.00	0.00	0.00	0.00	0.00	1,436.79	0	1
2025	8	0.00	0.00	0.00	0.00	0.00	0.00	1,435.72	0	1
2025	9	0.00	0.00	0.00	0.00	0.00	0.00	1,433.70	0	1
2025	10	0.00	0.00	0.00	0.00	0.00	0.00	1,431.61	0	1
2025	11	0.00	0.00	0.00	0.00	0.00	0.00	1,433.39	0	1
2025	12	0.00	0.00	0.00	0.00	0.00	0.00	1,431.34	0	1
2026	1	0.00	0.00	0.00	0.00	0.00	0.00	1,430.27	0	1
2026	2	0.00	0.00	0.00	0.00	0.00	0.00	1,428.25	0	1
2026	3	0.00	0.00	0.00	0.00	0.00	0.00	1,426.17	0	1
2026	4	0.00	0.00	0.00	0.00	0.00	0.00	1,427.94	0	1
2026	5	0.00	0.00	0.00	0.00	0.00	0.00	1,425.90	0	1
2026	6	0.00	0.00	0.00	0.00	0.00	0.00	1,424.83	0	1
2026	7	0.00	0.00	0.00	0.00	0.00	0.00	1,422.83	0	1

2026	8	0.00	0.00	0.00	0.00	0.00	0.00	1,420.75	0	1
2026	9	0.00	0.00	0.00	0.00	0.00	0.00	1,422.52	0	1
2026	10	0.00	0.00	0.00	0.00	0.00	0.00	1,420.49	0	1
2026	11	0.00	0.00	0.00	0.00	0.00	0.00	1,419.42	0	1
2026	12	0.00	0.00	0.00	0.00	0.00	0.00	1,417.43	0	1
2027	1	0.00	0.00	0.00	0.00	0.00	0.00	1,415.36	0	1
2027	2	0.00	0.00	0.00	0.00	0.00	0.00	1,417.12	0	1
2027	3	0.00	0.00	0.00	0.00	0.00	0.00	1,415.09	0	1
2027	4	0.00	0.00	0.00	0.00	0.00	0.00	1,414.03	0	1
2027	5	0.00	0.00	0.00	0.00	0.00	0.00	1,412.04	0	1
2027	6	0.00	0.00	0.00	0.00	0.00	0.00	1,409.98	0	1
2027	7	0.00	0.00	0.00	0.00	0.00	0.00	1,411.74	0	1
2027	8	0.00	0.00	0.00	0.00	0.00	0.00	1,409.72	0	1
2027	9	0.00	0.00	0.00	0.00	0.00	0.00	1,408.66	0	1
2027	10	0.00	0.00	0.00	0.00	0.00	0.00	1,406.68	0	1
2027	11	0.00	0.00	0.00	0.00	0.00	0.00	1,404.63	0	1
2027	12	0.00	0.00	0.00	0.00	0.00	0.00	1,406.38	0	1
2028	1	0.00	0.00	0.00	0.00	0.00	0.00	1,404.36	0	1
2028	2	0.00	0.00	0.00	0.00	0.00	0.00	1,403.31	0	1
2028	3	0.00	0.00	0.00	0.00	0.00	0.00	1,401.34	0	1
2028	4	0.00	0.00	0.00	0.00	0.00	0.00	1,399.29	0	1
2028	5	0.00	0.00	0.00	0.00	0.00	0.00	1,401.03	0	1
2028	6	0.00	0.00	0.00	0.00	0.00	0.00	1,399.03	0	1
2028	7	0.00	0.00	0.00	0.00	0.00	0.00	1,397.98	0	1
2028	8	0.00	0.00	0.00	0.00	0.00	0.00	1,396.02	0	1
2028	9	0.00	0.00	0.00	0.00	0.00	0.00	1,393.98	0	1
2028	10	0.00	0.00	0.00	0.00	0.00	0.00	1,395.71	0	1
2028	11	0.00	0.00	0.00	0.00	0.00	0.00	1,393.72	0	1
2028	12	0.00	0.00	0.00	0.00	0.00	0.00	1,392.67	0	1
2029	1	0.00	0.00	0.00	0.00	0.00	0.00	1,390.71	0	1
2029	2	0.00	0.00	0.00	0.00	0.00	0.00	1,388.69	0	1
2029	3	0.00	0.00	0.00	0.00	0.00	0.00	1,390.41	0	1
2029	4	0.00	0.00	0.00	0.00	0.00	0.00	1,388.42	0	1
2029	5	0.00	0.00	0.00	0.00	0.00	0.00	1,387.38	0	1
2029	6	0.00	0.00	0.00	0.00	0.00	0.00	1,385.43	0	1
2029	7	0.00	0.00	0.00	0.00	0.00	0.00	1,383.41	0	1
2029	8	0.00	0.00	0.00	0.00	0.00	0.00	1,385.13	0	1
2029	9	0.00	0.00	0.00	0.00	0.00	0.00	1,383.15	0	1
2029	10	0.00	0.00	0.00	0.00	0.00	0.00	1,382.12	0	1
2029	11	0.00	0.00	0.00	0.00	0.00	0.00	1,380.17	0	1
2029	12	0.00	0.00	0.00	0.00	0.00	0.00	1,378.16	0	1
2030	1	0.00	0.00	0.00	0.00	0.00	0.00	1,379.87	0	1
2030	2	0.00	0.00	0.00	0.00	0.00	0.00	1,377.90	0	1
2030	3	0.00	0.00	0.00	0.00	0.00	0.00	1,376.87	0	1
2030	4	0.00	0.00	0.00	0.00	0.00	0.00	1,374.93	0	1
2030	5	0.00	0.00	0.00	0.00	0.00	0.00	1,372.92	0	1
2030	6	0.00	0.00	0.00	0.00	0.00	0.00	1,374.63	0	1

2030	7	0.00	0.00	0.00	0.00	0.00	0.00	1,372.67	0	1
2030	8	0.00	0.00	0.00	0.00	0.00	0.00	1,371.64	0	1
2030	9	0.00	0.00	0.00	0.00	0.00	0.00	1,369.71	0	1
2030	10	0.00	0.00	0.00	0.00	0.00	0.00	1,367.71	0	1
2030	11	0.00	0.00	0.00	0.00	0.00	0.00	1,369.41	0	1
2030	12	0.00	0.00	0.00	0.00	0.00	0.00	1,367.45	0	1
2031	1	0.00	0.00	0.00	0.00	0.00	0.00	1,366.43	0	1
2031	2	0.00	0.00	0.00	0.00	0.00	0.00	1,364.51	0	1
2031	3	0.00	0.00	0.00	0.00	0.00	0.00	1,362.52	0	1
2031	4	0.00	0.00	0.00	0.00	0.00	0.00	1,364.21	0	1
2031	5	0.00	0.00	0.00	0.00	0.00	0.00	1,362.26	0	1
2031	6	0.00	0.00	0.00	0.00	0.00	0.00	1,361.24	0	1
2031	7	0.00	0.00	0.00	0.00	0.00	0.00	1,359.32	0	1
2031	8	0.00	0.00	0.00	0.00	0.00	0.00	1,357.34	0	1
2031	9	0.00	0.00	0.00	0.00	0.00	0.00	1,359.03	0	1
2031	10	0.00	0.00	0.00	0.00	0.00	0.00	1,357.09	0	1
2031	11	0.00	0.00	0.00	0.00	0.00	0.00	1,356.07	0	1
2031	12	0.00	0.00	0.00	0.00	0.00	0.00	1,354.16	0	1
2032	1	0.00	0.00	0.00	0.00	0.00	0.00	1,352.19	0	1
2032	2	0.00	0.00	0.00	0.00	0.00	0.00	1,353.87	0	1
2032	3	0.00	0.00	0.00	0.00	0.00	0.00	1,351.93	0	1
2032	4	0.00	0.00	0.00	0.00	0.00	0.00	1,350.92	0	1
2032	5	0.00	0.00	0.00	0.00	0.00	0.00	1,349.02	0	1
2032	6	0.00	0.00	0.00	0.00	0.00	0.00	1,347.05	0	1
2032	7	0.00	0.00	0.00	0.00	0.00	0.00	1,348.73	0	1
2032	8	0.00	0.00	0.00	0.00	0.00	0.00	1,346.80	0	1
2032	9	0.00	0.00	0.00	0.00	0.00	0.00	1,345.79	0	1
2032	10	0.00	0.00	0.00	0.00	0.00	0.00	1,343.90	0	1
2032	11	0.00	0.00	0.00	0.00	0.00	0.00	1,341.93	0	1
2032	12	0.00	0.00	0.00	0.00	0.00	0.00	1,343.60	0	1
2033	1	0.00	0.00	0.00	0.00	0.00	0.00	1,341.68	0	1
2033	2	0.00	0.00	0.00	0.00	0.00	0.00	1,340.68	0	1
2033	3	0.00	0.00	0.00	0.00	0.00	0.00	1,338.79	0	1
2033	4	0.00	0.00	0.00	0.00	0.00	0.00	1,336.84	0	1
2033	5	0.00	0.00	0.00	0.00	0.00	0.00	1,338.50	0	1
2033	6	0.00	0.00	0.00	0.00	0.00	0.00	1,336.59	0	1
2033	7	0.00	0.00	0.00	0.00	0.00	0.00	1,335.59	0	1
2033	8	0.00	0.00	0.00	0.00	0.00	0.00	1,333.71	0	1
2033	9	0.00	0.00	0.00	0.00	0.00	0.00	1,331.76	0	1
2033	10	0.00	0.00	0.00	0.00	0.00	0.00	1,333.42	0	1
2033	11	0.00	0.00	0.00	0.00	0.00	0.00	1,331.51	0	1
2033	12	0.00	0.00	0.00	0.00	0.00	0.00	1,330.51	0	1
2034	1	0.00	0.00	0.00	0.00	0.00	0.00	1,328.64	0	1
2034	2	0.00	0.00	0.00	0.00	0.00	0.00	1,326.70	0	1
2034	3	0.00	0.00	0.00	0.00	0.00	0.00	1,328.35	0	1
2034	4	0.00	0.00	0.00	0.00	0.00	0.00	1,326.45	0	1
2034	5	0.00	0.00	0.00	0.00	0.00	0.00	1,325.46	0	1

2034	6	0.00	0.00	0.00	0.00	0.00	0.00	1,323.60	0	1
2034	7	0.00	0.00	0.00	0.00	0.00	0.00	1,321.66	0	1
2034	8	0.00	0.00	0.00	0.00	0.00	0.00	1,323.31	0	1
2034	9	0.00	0.00	0.00	0.00	0.00	0.00	1,321.42	0	1
2034	10	0.00	0.00	0.00	0.00	0.00	0.00	1,320.43	0	1
2034	11	0.00	0.00	0.00	0.00	0.00	0.00	1,318.57	0	1
2034	12	0.00	0.00	0.00	0.00	0.00	0.00	1,316.65	0	1
2035	1	0.00	0.00	0.00	0.00	0.00	0.00	1,318.28	0	1
2035	2	0.00	0.00	0.00	0.00	0.00	0.00	1,316.40	0	1
2035	3	0.00	0.00	0.00	0.00	0.00	0.00	1,315.41	0	1
2035	4	0.00	0.00	0.00	0.00	0.00	0.00	1,313.56	0	1
2035	5	0.00	0.00	0.00	0.00	0.00	0.00	1,311.64	0	1
2035	6	0.00	0.00	0.00	0.00	0.00	0.00	1,313.28	0	1
2035	7	0.00	0.00	0.00	0.00	0.00	0.00	1,311.40	0	1
2035	8	0.00	0.00	0.00	0.00	0.00	0.00	1,310.42	0	1
2035	9	0.00	0.00	0.00	0.00	0.00	0.00	1,308.57	0	1
2035	10	0.00	0.00	0.00	0.00	0.00	0.00	1,306.66	0	1
2035	11	0.00	0.00	0.00	0.00	0.00	0.00	1,308.29	0	1
2035	12	0.00	0.00	0.00	0.00	0.00	0.00	1,306.42	0	1
2036	1	0.00	0.00	0.00	0.00	0.00	0.00	1,305.44	0	1
2036	2	0.00	0.00	0.00	0.00	0.00	0.00	1,303.60	0	1
2036	3	0.00	0.00	0.00	0.00	0.00	0.00	1,301.70	0	1
2036	4	0.00	0.00	0.00	0.00	0.00	0.00	1,303.32	0	1
2036	5	0.00	0.00	0.00	0.00	0.00	0.00	1,301.46	0	1
2036	6	0.00	0.00	0.00	0.00	0.00	0.00	1,300.48	0	1
2036	7	0.00	0.00	0.00	0.00	0.00	0.00	1,298.65	0	1
2036	8	0.00	0.00	0.00	0.00	0.00	0.00	1,296.76	0	1
2036	9	0.00	0.00	0.00	0.00	0.00	0.00	1,298.37	0	1
2036	10	0.00	0.00	0.00	0.00	0.00	0.00	1,296.51	0	1
2036	11	0.00	0.00	0.00	0.00	0.00	0.00	1,295.54	0	1
2036	12	0.00	0.00	0.00	0.00	0.00	0.00	1,293.72	0	1
2037	1	0.00	0.00	0.00	0.00	0.00	0.00	1,291.83	0	1
2037	2	0.00	0.00	0.00	0.00	0.00	0.00	1,293.44	0	1
2037	3	0.00	0.00	0.00	0.00	0.00	0.00	1,291.59	0	1
2037	4	0.00	0.00	0.00	0.00	0.00	0.00	1,290.62	0	1
2037	5	0.00	0.00	0.00	0.00	0.00	0.00	1,288.81	0	1
2037	6	0.00	0.00	0.00	0.00	0.00	0.00	1,286.93	0	1
2037	7	0.00	0.00	0.00	0.00	0.00	0.00	1,288.53	0	1
2037	8	0.00	0.00	0.00	0.00	0.00	0.00	1,286.68	0	1
2037	9	0.00	0.00	0.00	0.00	0.00	0.00	1,285.72	0	1
2037	10	0.00	0.00	0.00	0.00	0.00	0.00	1,283.91	0	1
2037	11	0.00	0.00	0.00	0.00	0.00	0.00	1,282.04	0	1
2037	12	0.00	0.00	0.00	0.00	0.00	0.00	1,283.63	0	1
2038	1	0.00	0.00	0.00	0.00	0.00	0.00	1,281.80	0	1
2038	2	0.00	0.00	0.00	0.00	0.00	0.00	1,280.84	0	1
2038	3	0.00	0.00	0.00	0.00	0.00	0.00	1,279.04	0	1
2038	4	0.00	0.00	0.00	0.00	0.00	0.00	1,277.17	0	1

2038	5	0.00	0.00	0.00	0.00	0.00	0.00	1,278.76	0	1
2038	6	0.00	0.00	0.00	0.00	0.00	0.00	1,276.93	0	1
2038	7	0.00	0.00	0.00	0.00	0.00	0.00	1,275.97	0	1
2038	8	0.00	0.00	0.00	0.00	0.00	0.00	1,274.18	0	1
2038	9	0.00	0.00	0.00	0.00	0.00	0.00	1,272.32	0	1
2038	10	0.00	0.00	0.00	0.00	0.00	0.00	1,273.90	0	1
2038	11	0.00	0.00	0.00	0.00	0.00	0.00	1,272.08	0	1
2038	12	0.00	0.00	0.00	0.00	0.00	0.00	1,271.13	0	1
2039	1	0.00	0.00	0.00	0.00	0.00	0.00	1,269.34	0	1
2039	2	0.00	0.00	0.00	0.00	0.00	0.00	1,267.49	0	1
2039	3	0.00	0.00	0.00	0.00	0.00	0.00	1,269.06	0	1
2039	4	0.00	0.00	0.00	0.00	0.00	0.00	1,267.25	0	1
2039	5	0.00	0.00	0.00	0.00	0.00	0.00	1,266.30	0	1
2039	6	0.00	0.00	0.00	0.00	0.00	0.00	1,264.52	0	1
2039	7	0.00	0.00	0.00	0.00	0.00	0.00	1,262.67	0	1
2039	8	0.00	0.00	0.00	0.00	0.00	0.00	1,264.24	0	1
2039	9	0.00	0.00	0.00	0.00	0.00	0.00	1,262.44	0	1
2039	10	0.00	0.00	0.00	0.00	0.00	0.00	1,261.49	0	1
2039	11	0.00	0.00	0.00	0.00	0.00	0.00	1,259.72	0	1
2039	12	0.00	0.00	0.00	0.00	0.00	0.00	1,257.88	0	1
2040	1	0.00	0.00	0.00	0.00	0.00	0.00	1,259.44	0	1
2040	2	0.00	0.00	0.00	0.00	0.00	0.00	1,257.64	0	1
2040	3	0.00	0.00	0.00	0.00	0.00	0.00	1,256.70	0	1
2040	4	0.00	0.00	0.00	0.00	0.00	0.00	1,254.93	0	1
2040	5	0.00	0.00	0.00	0.00	0.00	0.00	1,253.10	0	1
2040	6	0.00	0.00	0.00	0.00	0.00	0.00	1,254.66	0	1
2040	7	0.00	0.00	0.00	0.00	0.00	0.00	1,252.86	0	1
2040	8	0.00	0.00	0.00	0.00	0.00	0.00	1,251.93	0	1
2040	9	0.00	0.00	0.00	0.00	0.00	0.00	1,250.17	0	1
2040	10	0.00	0.00	0.00	0.00	0.00	0.00	1,248.34	0	1
2040	11	0.00	0.00	0.00	0.00	0.00	0.00	1,249.89	0	1
2040	12	0.00	0.00	0.00	0.00	0.00	0.00	1,248.11	0	1
2041	1	0.00	0.00	0.00	0.00	0.00	0.00	1,247.17	0	1
2041	2	0.00	0.00	0.00	0.00	0.00	0.00	1,245.42	0	1
2041	3	0.00	0.00	0.00	0.00	0.00	0.00	1,243.60	0	1
2041	4	0.00	0.00	0.00	0.00	0.00	0.00	1,245.15	0	1
2041	5	0.00	0.00	0.00	0.00	0.00	0.00	1,243.37	0	1
2041	6	0.00	0.00	0.00	0.00	0.00	0.00	1,242.44	0	1
2041	7	0.00	0.00	0.00	0.00	0.00	0.00	1,240.69	0	1
2041	8	0.00	0.00	0.00	0.00	0.00	0.00	1,238.88	0	1
2041	9	0.00	0.00	0.00	0.00	0.00	0.00	1,240.42	0	1
2041	10	0.00	0.00	0.00	0.00	0.00	0.00	1,238.64	0	1
2041	11	0.00	0.00	0.00	0.00	0.00	0.00	1,237.72	0	1
2041	12	0.00	0.00	0.00	0.00	0.00	0.00	1,235.98	0	1
2042	1	0.00	0.00	0.00	0.00	0.00	0.00	1,234.17	0	1
2042	2	0.00	0.00	0.00	0.00	0.00	0.00	1,235.71	0	1
2042	3	0.00	0.00	0.00	0.00	0.00	0.00	1,233.94	0	1

2042	4	0.00	0.00	0.00	0.00	0.00	0.00	1,233.02	0	1
2042	5	0.00	0.00	0.00	0.00	0.00	0.00	1,231.28	0	1
2042	6	0.00	0.00	0.00	0.00	0.00	0.00	1,229.49	0	1
2042	7	0.00	0.00	0.00	0.00	0.00	0.00	1,231.02	0	1
2042	8	0.00	0.00	0.00	0.00	0.00	0.00	1,229.25	0	1
2042	9	0.00	0.00	0.00	0.00	0.00	0.00	1,228.33	0	1
2042	10	0.00	0.00	0.00	0.00	0.00	0.00	1,226.61	0	1
2042	11	0.00	0.00	0.00	0.00	0.00	0.00	1,224.82	0	1
2042	12	0.00	0.00	0.00	0.00	0.00	0.00	1,226.34	0	1
2043	1	0.00	0.00	0.00	0.00	0.00	0.00	1,224.59	0	1
2043	2	0.00	0.00	0.00	0.00	0.00	0.00	1,223.67	0	1
2043	3	0.00	0.00	0.00	0.00	0.00	0.00	1,221.95	0	1
2043	4	0.00	0.00	0.00	0.00	0.00	0.00	1,220.16	0	1
2043	5	0.00	0.00	0.00	0.00	0.00	0.00	1,221.68	0	1
2043	6	0.00	0.00	0.00	0.00	0.00	0.00	1,219.93	0	1
2043	7	0.00	0.00	0.00	0.00	0.00	0.00	1,219.02	0	1
2043	8	0.00	0.00	0.00	0.00	0.00	0.00	1,217.31	0	1
2043	9	0.00	0.00	0.00	0.00	0.00	0.00	1,215.53	0	1
2043	10	0.00	0.00	0.00	0.00	0.00	0.00	1,217.04	0	1
2043	11	0.00	0.00	0.00	0.00	0.00	0.00	1,215.30	0	1
2043	12	0.00	0.00	0.00	0.00	0.00	0.00	1,214.39	0	1
2044	1	0.00	0.00	0.00	0.00	0.00	0.00	1,212.68	0	1
2044	2	0.00	0.00	0.00	0.00	0.00	0.00	1,210.91	0	1
2044	3	0.00	0.00	0.00	0.00	0.00	0.00	1,212.42	0	1
2044	4	0.00	0.00	0.00	0.00	0.00	0.00	1,210.69	0	1
2044	5	0.00	0.00	0.00	0.00	0.00	0.00	1,209.78	0	1
2044	6	0.00	0.00	0.00	0.00	0.00	0.00	1,208.08	0	1
2044	7	0.00	0.00	0.00	0.00	0.00	0.00	1,206.32	0	1
2044	8	0.00	0.00	0.00	0.00	0.00	0.00	1,207.82	0	1
2044	9	0.00	0.00	0.00	0.00	0.00	0.00	1,206.09	0	1
2044	10	0.00	0.00	0.00	0.00	0.00	0.00	1,205.19	0	1
2044	11	0.00	0.00	0.00	0.00	0.00	0.00	1,203.49	0	1
2044	12	0.00	0.00	0.00	0.00	0.00	0.00	1,201.73	0	1
2045	1	0.00	0.00	0.00	0.00	0.00	0.00	1,203.23	0	1
2045	2	0.00	0.00	0.00	0.00	0.00	0.00	1,201.51	0	1
2045	3	0.00	0.00	0.00	0.00	0.00	0.00	1,200.61	0	1
2045	4	0.00	0.00	0.00	0.00	0.00	0.00	1,198.92	0	1
2045	5	0.00	0.00	0.00	0.00	0.00	0.00	1,197.17	0	1
2045	6	0.00	0.00	0.00	0.00	0.00	0.00	1,198.66	0	1
2045	7	0.00	0.00	0.00	0.00	0.00	0.00	1,196.94	0	1
2045	8	0.00	0.00	0.00	0.00	0.00	0.00	1,196.05	0	1
2045	9	0.00	0.00	0.00	0.00	0.00	0.00	1,194.37	0	1
2045	10	0.00	0.00	0.00	0.00	0.00	0.00	1,192.62	0	1
2045	11	0.00	0.00	0.00	0.00	0.00	0.00	1,194.11	0	1
2045	12	0.00	0.00	0.00	0.00	0.00	0.00	1,192.40	0	1
2046	1	0.00	0.00	0.00	0.00	0.00	0.00	1,191.51	0	1
2046	2	0.00	0.00	0.00	0.00	0.00	0.00	1,189.83	0	1

2046	3	0.00	0.00	0.00	0.00	0.00	0.00	1,188.09	0	1
2046	4	0.00	0.00	0.00	0.00	0.00	0.00	1,189.57	0	1
2046	5	0.00	0.00	0.00	0.00	0.00	0.00	1,187.87	0	1
2046	6	0.00	0.00	0.00	0.00	0.00	0.00	1,186.98	0	1
2046	7	0.00	0.00	0.00	0.00	0.00	0.00	1,185.31	0	1
2046	8	0.00	0.00	0.00	0.00	0.00	0.00	1,183.58	0	1
2046	9	0.00	0.00	0.00	0.00	0.00	0.00	1,185.05	0	1
2046	10	0.00	0.00	0.00	0.00	0.00	0.00	1,183.36	0	1
2046	11	0.00	0.00	0.00	0.00	0.00	0.00	1,182.47	0	1
2046	12	0.00	0.00	0.00	0.00	0.00	0.00	1,180.81	0	1
2047	1	0.00	0.00	0.00	0.00	0.00	0.00	1,179.09	0	1
2047	2	0.00	0.00	0.00	0.00	0.00	0.00	1,180.55	0	1
2047	3	0.00	0.00	0.00	0.00	0.00	0.00	1,178.86	0	1
2047	4	0.00	0.00	0.00	0.00	0.00	0.00	1,177.98	0	1
2047	5	0.00	0.00	0.00	0.00	0.00	0.00	1,176.33	0	1
2047	6	0.00	0.00	0.00	0.00	0.00	0.00	1,174.61	0	1
2047	7	0.00	0.00	0.00	0.00	0.00	0.00	1,176.07	0	1
2047	8	0.00	0.00	0.00	0.00	0.00	0.00	1,174.39	0	1
2047	9	0.00	0.00	0.00	0.00	0.00	0.00	1,173.51	0	1
2047	10	0.00	0.00	0.00	0.00	0.00	0.00	1,171.86	0	1
2047	11	0.00	0.00	0.00	0.00	0.00	0.00	1,170.15	0	1
2047	12	0.00	0.00	0.00	0.00	0.00	0.00	1,171.60	0	1
2048	1	0.00	0.00	0.00	0.00	0.00	0.00	1,169.93	0	1
2048	2	0.00	0.00	0.00	0.00	0.00	0.00	1,169.05	0	1
2048	3	0.00	0.00	0.00	0.00	0.00	0.00	1,167.41	0	1
2048	4	0.00	0.00	0.00	0.00	0.00	0.00	1,165.70	0	1
2048	5	0.00	0.00	0.00	0.00	0.00	0.00	1,167.15	0	1
2048	6	0.00	0.00	0.00	0.00	0.00	0.00	1,165.48	0	1
2048	7	0.00	0.00	0.00	0.00	0.00	0.00	1,164.61	0	1
2048	8	0.00	0.00	0.00	0.00	0.00	0.00	1,162.97	0	1
2048	9	0.00	0.00	0.00	0.00	0.00	0.00	1,161.28	0	1
2048	10	0.00	0.00	0.00	0.00	0.00	0.00	1,162.72	0	1
2048	11	0.00	0.00	0.00	0.00	0.00	0.00	1,161.06	0	1
2048	12	0.00	0.00	0.00	0.00	0.00	0.00	1,160.19	0	1
2049	1	0.00	0.00	0.00	0.00	0.00	0.00	1,158.56	0	1
2049	2	0.00	0.00	0.00	0.00	0.00	0.00	1,156.87	0	1
2049	3	0.00	0.00	0.00	0.00	0.00	0.00	1,158.31	0	1
2049	4	0.00	0.00	0.00	0.00	0.00	0.00	1,156.65	0	1
2049	5	0.00	0.00	0.00	0.00	0.00	0.00	1,155.78	0	1
2049	6	0.00	0.00	0.00	0.00	0.00	0.00	1,154.16	0	1
2049	7	0.00	0.00	0.00	0.00	0.00	0.00	1,152.47	0	1
2049	8	0.00	0.00	0.00	0.00	0.00	0.00	1,153.91	0	1
2049	9	0.00	0.00	0.00	0.00	0.00	0.00	1,152.26	0	1
2049	10	0.00	0.00	0.00	0.00	0.00	0.00	1,151.39	0	1
2049	11	0.00	0.00	0.00	0.00	0.00	0.00	1,149.77	0	1
2049	12	0.00	0.00	0.00	0.00	0.00	0.00	1,148.10	0	1
2050	1	0.00	0.00	0.00	0.00	0.00	0.00	1,149.52	0	1

2050	2	0.00	0.00	0.00	0.00	0.00	0.00	1,147.88	0	1
2050	3	0.00	0.00	0.00	0.00	0.00	0.00	1,147.02	0	1
2050	4	0.00	0.00	0.00	0.00	0.00	0.00	1,145.41	0	1
2050	5	0.00	0.00	0.00	0.00	0.00	0.00	1,143.74	0	1
2050	6	0.00	0.00	0.00	0.00	0.00	0.00	1,145.16	0	1
2050	7	0.00	0.00	0.00	0.00	0.00	0.00	1,143.52	0	1
2050	8	0.00	0.00	0.00	0.00	0.00	0.00	1,142.66	0	1
2050	9	0.00	0.00	0.00	0.00	0.00	0.00	1,141.06	0	1
2050	10	0.00	0.00	0.00	0.00	0.00	0.00	1,139.39	0	1
2050	11	0.00	0.00	0.00	0.00	0.00	0.00	1,140.81	0	1
2050	12	0.00	0.00	0.00	0.00	0.00	0.00	1,139.18	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
CUST_SL	127	1,531.0	29.4	1,483.0	1,616.0	0.217	2.267	3.8	1.46E-01	1.000		EDB Adj
44420	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	0.161		
44209	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	0.116		
44330	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	0.101		
44426	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	-0.122		
44457	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	-0.027		
44246	127	0.0	0.1	0.0	1.0	11.136	125.008	81396.2	0.00E+00	-0.079		
LagDep(5)	127	1,531.0	29.4	1,483.0	1,616.0	0.217	2.267	3.8	1.46E-01	0.928		

	CUST_SL	12-Aug	13-Jan	14-May	18-Aug	18-Sep	19-Feb	LagDep(5)
CUST_SL	1.000	0.161	0.116	0.101	-0.122	-0.027	-0.079	0.928
44420	0.161	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	0.033
44209	0.116	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	0.126
44330	0.101	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	0.052
44426	-0.122	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.060
44457	-0.027	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.063
44246	-0.079	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.039
LagDep(5)	0.928	0.033	0.126	0.052	-0.060	-0.063	-0.039	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
MBin.Aug12	19.717	4.645	4.244	0.00%		
MBin.Jan13	-21.299	4.668	-4.563	0.00%		
MBin.May14	12.017	4.627	2.597	1.06%		
MBin.Aug18	-10.461	5.330	-1.963	5.20%		
MBin.Sep18	18.238	5.330	3.422	0.09%		
MBin.Feb19	-23.285	4.636	-5.022	0.00%		
CUST_SL.LagDep(5)	0.996	0.003	369.924	0.00%		
AR(1)	0.867	0.046	18.889	0.00%		

Model Statistics	
Iterations	13
Adjusted Observations	126
Deg. of Freedom for Error	118
R-Squared	0.956
Adjusted R-Squared	0.953
AIC	3.69
BIC	3.87
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-403.55
Model Sum of Squares	97,024.89
Sum of Squared Errors	4,464.92
Mean Squared Error	37.84
Std. Error of Regression	6.15
Mean Abs. Dev. (MAD)	3.90
Mean Abs. % Err. (MAPE)	0.25%
Durbin-Watson Statistic	1.459
Durbin-H Statistic	#NA
Ljung-Box Statistic	55.88
Prob (Ljung-Box)	0.0002
Skewness	-0.416
Kurtosis	7.131
Jarque-Bera	93.236
Prob (Jarque-Bera)	0.0000

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2011	1	1,616.0				
2011	2	1,598.0	1618.16401	-20.16401012	-0.012618279	-3.27801434
2011	3	1,579.0	1600.69086	-21.69086002	-0.013737087	-3.526230634
2011	4	1,578.0	1581.089896	-3.089896237	-0.001958109	-0.502316955
2011	5	1,577.0	1580.690257	-3.690256552	-0.002340049	-0.599916079
2011	6	1,569.0	1574.445519	-5.445518992	-0.003470694	-0.885264847
2011	7	1,567.0	1556.487527	10.51247345	0.006708662	1.708987374
2011	8	1,565.0	1551.378489	13.62151109	0.008703841	2.214416101
2011	9	1,559.0	1565.065177	-6.06517742	-0.003890428	-0.986001219
2011	10	1,553.0	1559.728775	-6.728775271	-0.004332759	-1.093880716
2011	11	1,549.0	1547.418958	1.581042102	0.001020686	0.257026189
2011	12	1,550.0	1548.869725	1.130275098	0.00072921	0.183746088
2012	1	1,547.0	1549.472876	-2.472875715	-0.001598498	-0.402009422
2012	2	1,548.0	1542.621693	5.37830682	0.003474358	0.874338327
2012	3	1,549.0	1542.696383	6.303616704	0.004069475	1.024763716
2012	4	1,549.0	1544.763478	4.236522238	0.002735005	0.68872117
2012	5	1,549.0	1549.216028	-0.216027939	-0.000139463	-0.035119139
2012	6	1,548.0	1545.363334	2.636665586	0.001703272	0.428636345
2012	7	1,545.0	1548.084416	-3.084416428	-0.001996386	-0.501426116
2012	8	1,584.0	1565.330912	18.66908831	0.011786041	3.034988518
2012	9	1,583.0	1561.476425	21.52357469	0.013596699	3.499035462
2012	10	1,579.0	1577.710785	1.289214712	0.000816475	0.209584517
2012	11	1,575.0	1573.245058	1.754941537	0.001114249	0.2852966
2012	12	1,573.0	1567.651014	5.348985711	0.003400499	0.869571665
2013	1	1,569.0	1586.06118	-17.06117977	-0.01087392	-2.773594717
2013	2	1,568.0	1587.669818	-19.66981842	-0.012544527	-3.19767479
2013	3	1,567.0	1565.207175	1.79282492	0.001144113	0.29145521
2013	4	1,569.0	1563.811333	5.18866678	0.00330699	0.843509005
2013	5	1,568.0	1567.010039	0.989960803	0.000631353	0.160935533
2013	6	1,563.0	1563.886023	-0.886023337	-0.000566874	-0.14403867
2013	7	1,562.0	1562.009263	-0.009263351	-5.93044E-06	-0.001505921
2013	8	1,561.0	1561.009767	-0.009767014	-6.2569E-06	-0.0015878
2013	9	1,560.0	1562.998877	-2.998877202	-0.001922357	-0.487520211
2013	10	1,561.0	1559.40712	1.592880136	0.001020423	0.25895067
2013	11	1,559.0	1556.157577	2.842422847	0.001823235	0.462085805
2013	12	1,556.0	1557.747048	-1.747047655	-0.001122781	-0.28401331
2014	1	1,554.0	1555.012789	-1.012788993	-0.00065173	-0.164646656
2014	2	1,554.0	1553.145911	0.854088506	0.000549607	0.138847102
2014	3	1,556.0	1555.006201	0.993799331	0.000638689	0.161559553
2014	4	1,555.0	1553.884472	1.115528356	0.000717382	0.181348746
2014	5	1,564.0	1563.773943	0.226057342	0.000144538	0.036749595
2014	6	1,550.0	1549.739379	0.260621301	0.000168143	0.042368574
2014	7	1,550.0	1549.747783	0.252217202	0.000162721	0.04100234
2014	8	1,546.0	1551.740187	-5.740187148	-0.003712928	-0.933168337
2014	9	1,545.0	1545.546286	-0.546286322	-0.000353583	-0.088808446
2014	10	1,551.0	1554.508812	-3.508811734	-0.00226229	-0.570419034

2014	11	1,546.0	1537.989485	8.010514743	0.005181446	1.302250001
2014	12	1,545.0	1545.749797	-0.749797451	-0.000485306	-0.121892758
2015	1	1,545.0	1540.897608	4.102392411	0.00265527	0.666916009
2015	2	1,541.0	1543.357753	-2.357753416	-0.001530015	-0.383294268
2015	3	1,539.0	1546.729529	-7.729528816	-0.005022436	-1.256570798
2015	4	1,538.0	1534.829234	3.170766386	0.002061617	0.51546382
2015	5	1,538.0	1537.286085	0.713914721	0.000464184	0.116059389
2015	6	1,534.0	1538.150172	-4.150172279	-0.002705458	-0.674683466
2015	7	1,533.0	1530.695839	2.30416107	0.00150304	0.37458189
2015	8	1,534.0	1531.292401	2.70759858	0.001765058	0.44016775
2015	9	1,535.0	1532.891754	2.108245592	0.00137345	0.342732385
2015	10	1,535.0	1534.623223	0.376777429	0.000245458	0.061251795
2015	11	1,533.0	1530.638414	2.361586128	0.0015405	0.383917343
2015	12	1,533.0	1531.363797	1.636202626	0.001067321	0.265993502
2016	1	1,534.0	1533.224087	0.775913451	0.000505811	0.126138372
2016	2	1,534.0	1534.223583	-0.223582886	-0.000145752	-0.036347329
2016	3	1,539.0	1533.359496	5.640504114	0.003665045	0.916963107
2016	4	1,537.0	1535.703997	1.296002652	0.000843203	0.210688015
2016	5	1,537.0	1535.697409	1.302590976	0.000847489	0.211759063
2016	6	1,534.0	1536.693611	-2.693611199	-0.00175594	-0.437893856
2016	7	1,532.0	1533.227381	-1.227380711	-0.000801162	-0.199532313
2016	8	1,528.0	1536.473629	-8.473629261	-0.005545569	-1.377537407
2016	9	1,528.0	1526.691265	1.308734741	0.000856502	0.21275784
2016	10	1,526.0	1528.419439	-2.41943926	-0.001585478	-0.393322387
2016	11	1,529.0	1523.69607	5.30392959	0.003468888	0.862247001
2016	12	1,528.0	1526.898071	1.101929451	0.000721158	0.179138005
2017	1	1,526.0	1523.774055	2.225945311	0.00145868	0.361866544
2017	2	1,522.0	1525.49564	-3.495640365	-0.002296741	-0.568277797
2017	3	1,522.0	1520.033711	1.966288634	0.001291911	0.319654786
2017	4	1,519.0	1524.750492	-5.750491891	-0.003785709	-0.934843554
2017	5	1,517.0	1518.559885	-1.559885228	-0.00102827	-0.253586767
2017	6	1,517.0	1515.696806	1.303194446	0.00085906	0.211857168
2017	7	1,515.0	1513.440171	1.559829145	0.00102959	0.25357765
2017	8	1,514.0	1515.161757	-1.161756532	-0.000767342	-0.188863949
2017	9	1,512.0	1511.305769	0.694231155	0.000459148	0.112859479
2017	10	1,517.0	1510.170863	6.829136828	0.004501738	1.110196251
2017	11	1,517.0	1516.235943	0.764057015	0.000503663	0.1242109
2017	12	1,517.0	1514.243539	2.756461364	0.001817048	0.448111255
2018	1	1,515.0	1514.97551	0.024489538	1.61647E-05	0.003981205
2018	2	1,521.0	1512.112431	8.887569213	0.005843241	1.444830624
2018	3	1,514.0	1524.025903	-10.02590264	-0.006622129	-1.629886735
2018	4	1,513.0	1513.633799	-0.633799498	-0.000418903	-0.103035251
2018	5	1,510.0	1512.766418	-2.766418335	-0.001832065	-0.449729936
2018	6	1,510.0	1508.17187	1.828129502	0.001210682	0.29719459
2018	7	1,505.0	1515.877258	-10.87725755	-0.007227414	-1.768289443
2018	8	1,491.0	1488.92106	2.07893996	0.001394326	0.337968239
2018	9	1,522.0	1519.603192	2.396807962	0.001574775	0.389643271

2018	10	1,504.0	1501.236722	2.763277687	0.001837286	0.449219368
2018	11	1,504.0	1504.035182	-0.035181652	-2.33921E-05	-0.005719396
2018	12	1,506.0	1499.054171	6.945829222	0.004612104	1.129166651
2019	1	1,506.0	1491.162538	14.83746234	0.009852233	2.412090354
2019	2	1,505.0	1510.857379	-5.857379282	-0.003891946	-0.952219978
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2019	7	1,499.0	1496.438851	2.561149357	0.001708572	0.416359854
2019	8	1,498.0	1496.049093	1.950906556	0.001302341	0.317154159
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2019	10	1,493.0	1492.444159	0.555840542	0.000372298	0.090361652
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2020	3	1,493.0	1490.516563	2.483437262	0.001663387	0.403726387
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2020	9	1,491.0	1495.107816	-4.107816413	-0.002755075	-0.667797776
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2022	2		1477.45623			
2022	3		1475.37364			
2022	4		1474.296432			
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2022	6		1470.11782			
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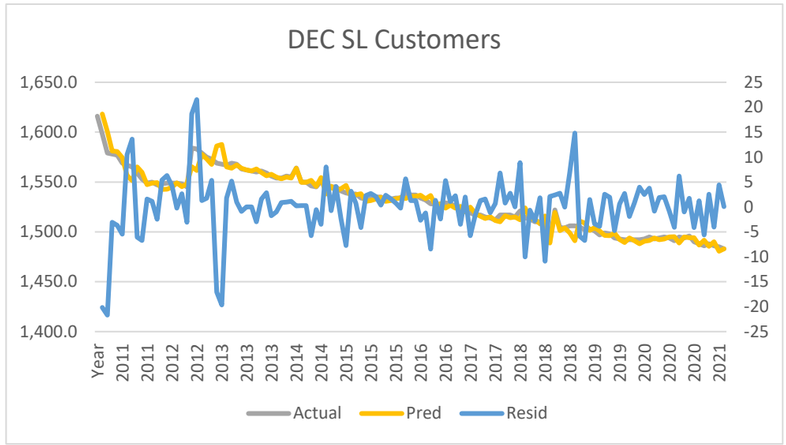

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Variable	Coefficient	Mean	Elast	Units	Definition
44420	19.717	0.008	0.000		
44209	-21.299	0.008	-0.000		
44330	12.017	0.008	0.000		
44426	-10.461	0.008	-0.000		
44457	18.238	0.008	0.000		
44246	-23.285	0.008	-0.000		
LagDep(5)	0.996	1,530.976	0.996		

Year	Month	Pred	12-Aug	13-Jan	14-May	18-Aug	18-Sep	19-Feb	LagDep(5)	ARMA	X-Missing
2011	1		0.0	0.0	0.0	0.0	0.0	0.0	1,624.8		0.0
2011	2	1,618.2	0.0	0.0	0.0	0.0	0.0	0.0	1,625.8	-7.6	0.0
2011	3	1,600.7	0.0	0.0	0.0	0.0	0.0	0.0	1,624.8	-24.1	0.0
2011	4	1,581.1	0.0	0.0	0.0	0.0	0.0	0.0	1,620.8	-39.7	0.0
2011	5	1,580.7	0.0	0.0	0.0	0.0	0.0	0.0	1,617.8	-37.1	0.0
2011	6	1,574.4	0.0	0.0	0.0	0.0	0.0	0.0	1,609.9	-35.4	0.0
2011	7	1,556.5	0.0	0.0	0.0	0.0	0.0	0.0	1,591.9	-35.4	0.0
2011	8	1,551.4	0.0	0.0	0.0	0.0	0.0	0.0	1,573.0	-21.6	0.0
2011	9	1,565.1	0.0	0.0	0.0	0.0	0.0	0.0	1,572.0	-6.9	0.0
2011	10	1,559.7	0.0	0.0	0.0	0.0	0.0	0.0	1,571.0	-11.3	0.0
2011	11	1,547.4	0.0	0.0	0.0	0.0	0.0	0.0	1,563.0	-15.6	0.0
2011	12	1,548.9	0.0	0.0	0.0	0.0	0.0	0.0	1,561.0	-12.2	0.0
2012	1	1,549.5	0.0	0.0	0.0	0.0	0.0	0.0	1,559.1	-9.6	0.0
2012	2	1,542.6	0.0	0.0	0.0	0.0	0.0	0.0	1,553.1	-10.5	0.0
2012	3	1,542.7	0.0	0.0	0.0	0.0	0.0	0.0	1,547.1	-4.4	0.0
2012	4	1,544.8	0.0	0.0	0.0	0.0	0.0	0.0	1,543.1	1.6	0.0
2012	5	1,549.2	0.0	0.0	0.0	0.0	0.0	0.0	1,544.1	5.1	0.0
2012	6	1,545.4	0.0	0.0	0.0	0.0	0.0	0.0	1,541.1	4.2	0.0
2012	7	1,548.1	0.0	0.0	0.0	0.0	0.0	0.0	1,542.1	6.0	0.0
2012	8	1,565.3	19.7	0.0	0.0	0.0	0.0	0.0	1,543.1	2.5	0.0
2012	9	1,561.5	0.0	0.0	0.0	0.0	0.0	0.0	1,543.1	18.4	0.0
2012	10	1,577.7	0.0	0.0	0.0	0.0	0.0	0.0	1,543.1	34.6	0.0
2012	11	1,573.2	0.0	0.0	0.0	0.0	0.0	0.0	1,542.1	31.1	0.0
2012	12	1,567.7	0.0	0.0	0.0	0.0	0.0	0.0	1,539.1	28.5	0.0
2013	1	1,586.1	0.0	-21.3	0.0	0.0	0.0	0.0	1,578.0	29.4	0.0
2013	2	1,587.7	0.0	0.0	0.0	0.0	0.0	0.0	1,577.0	10.7	0.0
2013	3	1,565.2	0.0	0.0	0.0	0.0	0.0	0.0	1,573.0	-7.8	0.0
2013	4	1,563.8	0.0	0.0	0.0	0.0	0.0	0.0	1,569.0	-5.2	0.0
2013	5	1,567.0	0.0	0.0	0.0	0.0	0.0	0.0	1,567.0	-0.0	0.0
2013	6	1,563.9	0.0	0.0	0.0	0.0	0.0	0.0	1,563.0	0.8	0.0
2013	7	1,562.0	0.0	0.0	0.0	0.0	0.0	0.0	1,562.0	-0.0	0.0
2013	8	1,561.0	0.0	0.0	0.0	0.0	0.0	0.0	1,561.0	-0.0	0.0
2013	9	1,563.0	0.0	0.0	0.0	0.0	0.0	0.0	1,563.0	-0.0	0.0
2013	10	1,559.4	0.0	0.0	0.0	0.0	0.0	0.0	1,562.0	-2.6	0.0
2013	11	1,556.2	0.0	0.0	0.0	0.0	0.0	0.0	1,557.1	-0.9	0.0
2013	12	1,557.7	0.0	0.0	0.0	0.0	0.0	0.0	1,556.1	1.7	0.0
2014	1	1,555.0	0.0	0.0	0.0	0.0	0.0	0.0	1,555.1	-0.1	0.0
2014	2	1,553.1	0.0	0.0	0.0	0.0	0.0	0.0	1,554.1	-0.9	0.0
2014	3	1,555.0	0.0	0.0	0.0	0.0	0.0	0.0	1,555.1	-0.1	0.0
2014	4	1,553.9	0.0	0.0	0.0	0.0	0.0	0.0	1,553.1	0.8	0.0
2014	5	1,563.8	0.0	0.0	12.0	0.0	0.0	0.0	1,550.1	1.7	0.0
2014	6	1,549.7	0.0	0.0	0.0	0.0	0.0	0.0	1,548.1	1.6	0.0
2014	7	1,549.7	0.0	0.0	0.0	0.0	0.0	0.0	1,548.1	1.6	0.0
2014	8	1,551.7	0.0	0.0	0.0	0.0	0.0	0.0	1,550.1	1.6	0.0
2014	9	1,545.5	0.0	0.0	0.0	0.0	0.0	0.0	1,549.1	-3.5	0.0
2014	10	1,554.5	0.0	0.0	0.0	0.0	0.0	0.0	1,558.1	-3.6	0.0

2014	11	1,538.0	0.0	0.0	0.0	0.0	0.0	0.0	1,544.1	-6.1	0.0
2014	12	1,545.7	0.0	0.0	0.0	0.0	0.0	0.0	1,544.1	1.6	0.0
2015	1	1,540.9	0.0	0.0	0.0	0.0	0.0	0.0	1,540.1	0.8	0.0
2015	2	1,543.4	0.0	0.0	0.0	0.0	0.0	0.0	1,539.1	4.2	0.0
2015	3	1,546.7	0.0	0.0	0.0	0.0	0.0	0.0	1,545.1	1.6	0.0
2015	4	1,534.8	0.0	0.0	0.0	0.0	0.0	0.0	1,540.1	-5.3	0.0
2015	5	1,537.3	0.0	0.0	0.0	0.0	0.0	0.0	1,539.1	-1.8	0.0
2015	6	1,538.2	0.0	0.0	0.0	0.0	0.0	0.0	1,539.1	-1.0	0.0
2015	7	1,530.7	0.0	0.0	0.0	0.0	0.0	0.0	1,535.1	-4.5	0.0
2015	8	1,531.3	0.0	0.0	0.0	0.0	0.0	0.0	1,533.2	-1.9	0.0
2015	9	1,532.9	0.0	0.0	0.0	0.0	0.0	0.0	1,532.2	0.7	0.0
2015	10	1,534.6	0.0	0.0	0.0	0.0	0.0	0.0	1,532.2	2.5	0.0
2015	11	1,530.6	0.0	0.0	0.0	0.0	0.0	0.0	1,528.2	2.5	0.0
2015	12	1,531.4	0.0	0.0	0.0	0.0	0.0	0.0	1,527.2	4.2	0.0
2016	1	1,533.2	0.0	0.0	0.0	0.0	0.0	0.0	1,528.2	5.0	0.0
2016	2	1,534.2	0.0	0.0	0.0	0.0	0.0	0.0	1,529.2	5.1	0.0
2016	3	1,533.4	0.0	0.0	0.0	0.0	0.0	0.0	1,529.2	4.2	0.0
2016	4	1,535.7	0.0	0.0	0.0	0.0	0.0	0.0	1,527.2	8.5	0.0
2016	5	1,535.7	0.0	0.0	0.0	0.0	0.0	0.0	1,527.2	8.5	0.0
2016	6	1,536.7	0.0	0.0	0.0	0.0	0.0	0.0	1,528.2	8.5	0.0
2016	7	1,533.2	0.0	0.0	0.0	0.0	0.0	0.0	1,528.2	5.1	0.0
2016	8	1,536.5	0.0	0.0	0.0	0.0	0.0	0.0	1,533.2	3.3	0.0
2016	9	1,526.7	0.0	0.0	0.0	0.0	0.0	0.0	1,531.2	-4.5	0.0
2016	10	1,528.4	0.0	0.0	0.0	0.0	0.0	0.0	1,531.2	-2.7	0.0
2016	11	1,523.7	0.0	0.0	0.0	0.0	0.0	0.0	1,528.2	-4.5	0.0
2016	12	1,526.9	0.0	0.0	0.0	0.0	0.0	0.0	1,526.2	0.7	0.0
2017	1	1,523.8	0.0	0.0	0.0	0.0	0.0	0.0	1,522.2	1.6	0.0
2017	2	1,525.5	0.0	0.0	0.0	0.0	0.0	0.0	1,522.2	3.3	0.0
2017	3	1,520.0	0.0	0.0	0.0	0.0	0.0	0.0	1,520.2	-0.2	0.0
2017	4	1,524.8	0.0	0.0	0.0	0.0	0.0	0.0	1,523.2	1.6	0.0
2017	5	1,518.6	0.0	0.0	0.0	0.0	0.0	0.0	1,522.2	-3.6	0.0
2017	6	1,515.7	0.0	0.0	0.0	0.0	0.0	0.0	1,520.2	-4.5	0.0
2017	7	1,513.4	0.0	0.0	0.0	0.0	0.0	0.0	1,516.2	-2.8	0.0
2017	8	1,515.2	0.0	0.0	0.0	0.0	0.0	0.0	1,516.2	-1.1	0.0
2017	9	1,511.3	0.0	0.0	0.0	0.0	0.0	0.0	1,513.2	-1.9	0.0
2017	10	1,510.2	0.0	0.0	0.0	0.0	0.0	0.0	1,511.2	-1.1	0.0
2017	11	1,516.2	0.0	0.0	0.0	0.0	0.0	0.0	1,511.2	5.0	0.0
2017	12	1,514.2	0.0	0.0	0.0	0.0	0.0	0.0	1,509.2	5.0	0.0
2018	1	1,515.0	0.0	0.0	0.0	0.0	0.0	0.0	1,508.3	6.7	0.0
2018	2	1,512.1	0.0	0.0	0.0	0.0	0.0	0.0	1,506.3	5.9	0.0
2018	3	1,524.0	0.0	0.0	0.0	0.0	0.0	0.0	1,511.2	12.8	0.0
2018	4	1,513.6	0.0	0.0	0.0	0.0	0.0	0.0	1,511.2	2.4	0.0
2018	5	1,512.8	0.0	0.0	0.0	0.0	0.0	0.0	1,511.2	1.5	0.0
2018	6	1,508.2	0.0	0.0	0.0	0.0	0.0	0.0	1,509.2	-1.1	0.0
2018	7	1,515.9	0.0	0.0	0.0	0.0	0.0	0.0	1,515.2	0.7	0.0
2018	8	1,488.9	0.0	0.0	0.0	-10.5	0.0	0.0	1,508.3	-8.9	0.0
2018	9	1,519.6	0.0	0.0	0.0	0.0	18.2	0.0	1,507.3	-5.9	0.0

2018	10	1,501.2	0.0	0.0	0.0	0.0	0.0	0.0	1,504.3	-3.0	0.0
2018	11	1,504.0	0.0	0.0	0.0	0.0	0.0	0.0	1,504.3	-0.2	0.0
2018	12	1,499.1	0.0	0.0	0.0	0.0	0.0	0.0	1,499.3	-0.2	0.0
2019	1	1,491.2	0.0	0.0	0.0	0.0	0.0	0.0	1,485.3	5.8	0.0
2019	2	1,510.9	0.0	0.0	0.0	0.0	0.0	-23.3	1,516.2	17.9	0.0
2019	3	1,508.8	0.0	0.0	0.0	0.0	0.0	0.0	1,498.3	10.5	0.0
2019	4	1,501.5	0.0	0.0	0.0	0.0	0.0	0.0	1,498.3	3.2	0.0
2019	5	1,504.4	0.0	0.0	0.0	0.0	0.0	0.0	1,500.3	4.1	0.0
2019	6	1,500.9	0.0	0.0	0.0	0.0	0.0	0.0	1,500.3	0.6	0.0
2019	7	1,496.4	0.0	0.0	0.0	0.0	0.0	0.0	1,499.3	-2.8	0.0
2019	8	1,496.0	0.0	0.0	0.0	0.0	0.0	0.0	1,496.3	-0.2	0.0
2019	9	1,498.8	0.0	0.0	0.0	0.0	0.0	0.0	1,497.3	1.5	0.0
2019	10	1,492.4	0.0	0.0	0.0	0.0	0.0	0.0	1,495.3	-2.9	0.0
2019	11	1,489.3	0.0	0.0	0.0	0.0	0.0	0.0	1,491.3	-2.0	0.0
2019	12	1,493.9	0.0	0.0	0.0	0.0	0.0	0.0	1,493.3	0.6	0.0
2020	1	1,491.2	0.0	0.0	0.0	0.0	0.0	0.0	1,492.3	-1.1	0.0
2020	2	1,488.1	0.0	0.0	0.0	0.0	0.0	0.0	1,488.3	-0.3	0.0
2020	3	1,490.5	0.0	0.0	0.0	0.0	0.0	0.0	1,487.3	3.2	0.0
2020	4	1,491.3	0.0	0.0	0.0	0.0	0.0	0.0	1,486.3	4.9	0.0
2020	5	1,493.9	0.0	0.0	0.0	0.0	0.0	0.0	1,486.3	7.5	0.0
2020	6	1,492.1	0.0	0.0	0.0	0.0	0.0	0.0	1,486.3	5.8	0.0
2020	7	1,493.0	0.0	0.0	0.0	0.0	0.0	0.0	1,486.3	6.6	0.0
2020	8	1,494.8	0.0	0.0	0.0	0.0	0.0	0.0	1,487.3	7.5	0.0
2020	9	1,495.1	0.0	0.0	0.0	0.0	0.0	0.0	1,489.3	5.8	0.0
2020	10	1,488.8	0.0	0.0	0.0	0.0	0.0	0.0	1,487.3	1.5	0.0
2020	11	1,495.0	0.0	0.0	0.0	0.0	0.0	0.0	1,488.3	6.7	0.0
2020	12	1,494.2	0.0	0.0	0.0	0.0	0.0	0.0	1,489.3	4.9	0.0
2021	1	1,494.1	0.0	0.0	0.0	0.0	0.0	0.0	1,488.3	5.8	0.0
2021	2	1,486.8	0.0	0.0	0.0	0.0	0.0	0.0	1,485.3	1.5	0.0
2021	3	1,491.6	0.0	0.0	0.0	0.0	0.0	0.0	1,489.3	2.3	0.0
2021	4	1,485.4	0.0	0.0	0.0	0.0	0.0	0.0	1,488.3	-2.9	0.0
2021	5	1,490.0	0.0	0.0	0.0	0.0	0.0	0.0	1,490.3	-0.3	0.0
2021	6	1,480.6	0.0	0.0	0.0	0.0	0.0	0.0	1,484.3	-3.7	0.0
2021	7	1,482.9	0.0	0.0	0.0	0.0	0.0	0.0	1,482.3	0.6	0.0
2021	8	1,480.9	0.0	0.0	0.0	0.0	0.0	0.0	1,480.4	0.6	0.0
2021	9	1,482.8	0.0	0.0	0.0	0.0	0.0	0.0	1,482.3	0.5	0.0
2021	10	1,480.8	0.0	0.0	0.0	0.0	0.0	0.0	1,480.4	0.4	0.0
2021	11	1,479.7	0.0	0.0	0.0	0.0	0.0	0.0	1,479.4	0.4	0.0
2021	12	1,477.7	0.0	0.0	0.0	0.0	0.0	0.0	1,477.4	0.3	0.0
2022	1	1,475.6	0.0	0.0	0.0	0.0	0.0	0.0	1,475.3	0.3	0.0
2022	2	1,477.5	0.0	0.0	0.0	0.0	0.0	0.0	1,477.2	0.2	0.0
2022	3	1,475.4	0.0	0.0	0.0	0.0	0.0	0.0	1,475.2	0.2	0.0
2022	4	1,474.3	0.0	0.0	0.0	0.0	0.0	0.0	1,474.1	0.2	0.0
2022	5	1,472.2	0.0	0.0	0.0	0.0	0.0	0.0	1,472.1	0.2	0.0
2022	6	1,470.1	0.0	0.0	0.0	0.0	0.0	0.0	1,470.0	0.1	0.0
2022	7	1,472.0	0.0	0.0	0.0	0.0	0.0	0.0	1,471.8	0.1	0.0
2022	8	1,469.9	0.0	0.0	0.0	0.0	0.0	0.0	1,469.8	0.1	0.0

2022	9	1,468.8	0.0	0.0	0.0	0.0	0.0	0.0	1,468.7	0.1	0.0
2022	10	1,466.7	0.0	0.0	0.0	0.0	0.0	0.0	1,466.7	0.1	0.0
2022	11	1,464.6	0.0	0.0	0.0	0.0	0.0	0.0	1,464.5	0.1	0.0
2022	12	1,466.4	0.0	0.0	0.0	0.0	0.0	0.0	1,466.4	0.1	0.0
2023	1	1,464.3	0.0	0.0	0.0	0.0	0.0	0.0	1,464.3	0.1	0.0
2023	2	1,463.3	0.0	0.0	0.0	0.0	0.0	0.0	1,463.2	0.0	0.0
2023	3	1,461.2	0.0	0.0	0.0	0.0	0.0	0.0	1,461.2	0.0	0.0
2023	4	1,459.1	0.0	0.0	0.0	0.0	0.0	0.0	1,459.0	0.0	0.0
2023	5	1,460.9	0.0	0.0	0.0	0.0	0.0	0.0	1,460.9	0.0	0.0
2023	6	1,458.8	0.0	0.0	0.0	0.0	0.0	0.0	1,458.8	0.0	0.0
2023	7	1,457.7	0.0	0.0	0.0	0.0	0.0	0.0	1,457.7	0.0	0.0
2023	8	1,455.7	0.0	0.0	0.0	0.0	0.0	0.0	1,455.7	0.0	0.0
2023	9	1,453.5	0.0	0.0	0.0	0.0	0.0	0.0	1,453.5	0.0	0.0
2023	10	1,455.4	0.0	0.0	0.0	0.0	0.0	0.0	1,455.3	0.0	0.0
2023	11	1,453.3	0.0	0.0	0.0	0.0	0.0	0.0	1,453.3	0.0	0.0
2023	12	1,452.2	0.0	0.0	0.0	0.0	0.0	0.0	1,452.2	0.0	0.0
2024	1	1,450.2	0.0	0.0	0.0	0.0	0.0	0.0	1,450.1	0.0	0.0
2024	2	1,448.0	0.0	0.0	0.0	0.0	0.0	0.0	1,448.0	0.0	0.0
2024	3	1,449.8	0.0	0.0	0.0	0.0	0.0	0.0	1,449.8	0.0	0.0
2024	4	1,447.8	0.0	0.0	0.0	0.0	0.0	0.0	1,447.8	0.0	0.0
2024	5	1,446.7	0.0	0.0	0.0	0.0	0.0	0.0	1,446.7	0.0	0.0
2024	6	1,444.6	0.0	0.0	0.0	0.0	0.0	0.0	1,444.6	0.0	0.0
2024	7	1,442.5	0.0	0.0	0.0	0.0	0.0	0.0	1,442.5	0.0	0.0
2024	8	1,444.3	0.0	0.0	0.0	0.0	0.0	0.0	1,444.3	0.0	0.0
2024	9	1,442.3	0.0	0.0	0.0	0.0	0.0	0.0	1,442.3	0.0	0.0
2024	10	1,441.2	0.0	0.0	0.0	0.0	0.0	0.0	1,441.2	0.0	0.0
2024	11	1,439.2	0.0	0.0	0.0	0.0	0.0	0.0	1,439.2	0.0	0.0
2024	12	1,437.1	0.0	0.0	0.0	0.0	0.0	0.0	1,437.1	0.0	0.0
2025	1	1,438.9	0.0	0.0	0.0	0.0	0.0	0.0	1,438.9	0.0	0.0
2025	2	1,436.8	0.0	0.0	0.0	0.0	0.0	0.0	1,436.8	0.0	0.0
2025	3	1,435.7	0.0	0.0	0.0	0.0	0.0	0.0	1,435.7	0.0	0.0
2025	4	1,433.7	0.0	0.0	0.0	0.0	0.0	0.0	1,433.7	0.0	0.0
2025	5	1,431.6	0.0	0.0	0.0	0.0	0.0	0.0	1,431.6	0.0	0.0
2025	6	1,433.4	0.0	0.0	0.0	0.0	0.0	0.0	1,433.4	0.0	0.0
2025	7	1,431.3	0.0	0.0	0.0	0.0	0.0	0.0	1,431.3	0.0	0.0
2025	8	1,430.3	0.0	0.0	0.0	0.0	0.0	0.0	1,430.3	0.0	0.0
2025	9	1,428.3	0.0	0.0	0.0	0.0	0.0	0.0	1,428.3	0.0	0.0
2025	10	1,426.2	0.0	0.0	0.0	0.0	0.0	0.0	1,426.2	0.0	0.0
2025	11	1,427.9	0.0	0.0	0.0	0.0	0.0	0.0	1,427.9	0.0	0.0
2025	12	1,425.9	0.0	0.0	0.0	0.0	0.0	0.0	1,425.9	0.0	0.0
2026	1	1,424.8	0.0	0.0	0.0	0.0	0.0	0.0	1,424.8	0.0	0.0
2026	2	1,422.8	0.0	0.0	0.0	0.0	0.0	0.0	1,422.8	0.0	0.0
2026	3	1,420.8	0.0	0.0	0.0	0.0	0.0	0.0	1,420.8	0.0	0.0
2026	4	1,422.5	0.0	0.0	0.0	0.0	0.0	0.0	1,422.5	0.0	0.0
2026	5	1,420.5	0.0	0.0	0.0	0.0	0.0	0.0	1,420.5	0.0	0.0
2026	6	1,419.4	0.0	0.0	0.0	0.0	0.0	0.0	1,419.4	0.0	0.0
2026	7	1,417.4	0.0	0.0	0.0	0.0	0.0	0.0	1,417.4	0.0	0.0

2026	8	1,415.4	0.0	0.0	0.0	0.0	0.0	0.0	1,415.4	0.0	0.0
2026	9	1,417.1	0.0	0.0	0.0	0.0	0.0	0.0	1,417.1	0.0	0.0
2026	10	1,415.1	0.0	0.0	0.0	0.0	0.0	0.0	1,415.1	0.0	0.0
2026	11	1,414.0	0.0	0.0	0.0	0.0	0.0	0.0	1,414.0	0.0	0.0
2026	12	1,412.0	0.0	0.0	0.0	0.0	0.0	0.0	1,412.0	0.0	0.0
2027	1	1,410.0	0.0	0.0	0.0	0.0	0.0	0.0	1,410.0	0.0	0.0
2027	2	1,411.7	0.0	0.0	0.0	0.0	0.0	0.0	1,411.7	0.0	0.0
2027	3	1,409.7	0.0	0.0	0.0	0.0	0.0	0.0	1,409.7	0.0	0.0
2027	4	1,408.7	0.0	0.0	0.0	0.0	0.0	0.0	1,408.7	0.0	0.0
2027	5	1,406.7	0.0	0.0	0.0	0.0	0.0	0.0	1,406.7	0.0	0.0
2027	6	1,404.6	0.0	0.0	0.0	0.0	0.0	0.0	1,404.6	0.0	0.0
2027	7	1,406.4	0.0	0.0	0.0	0.0	0.0	0.0	1,406.4	0.0	0.0
2027	8	1,404.4	0.0	0.0	0.0	0.0	0.0	0.0	1,404.4	0.0	0.0
2027	9	1,403.3	0.0	0.0	0.0	0.0	0.0	0.0	1,403.3	0.0	0.0
2027	10	1,401.3	0.0	0.0	0.0	0.0	0.0	0.0	1,401.3	0.0	0.0
2027	11	1,399.3	0.0	0.0	0.0	0.0	0.0	0.0	1,399.3	0.0	0.0
2027	12	1,401.0	0.0	0.0	0.0	0.0	0.0	0.0	1,401.0	0.0	0.0
2028	1	1,399.0	0.0	0.0	0.0	0.0	0.0	0.0	1,399.0	0.0	0.0
2028	2	1,398.0	0.0	0.0	0.0	0.0	0.0	0.0	1,398.0	0.0	0.0
2028	3	1,396.0	0.0	0.0	0.0	0.0	0.0	0.0	1,396.0	0.0	0.0
2028	4	1,394.0	0.0	0.0	0.0	0.0	0.0	0.0	1,394.0	0.0	0.0
2028	5	1,395.7	0.0	0.0	0.0	0.0	0.0	0.0	1,395.7	0.0	0.0
2028	6	1,393.7	0.0	0.0	0.0	0.0	0.0	0.0	1,393.7	0.0	0.0
2028	7	1,392.7	0.0	0.0	0.0	0.0	0.0	0.0	1,392.7	0.0	0.0
2028	8	1,390.7	0.0	0.0	0.0	0.0	0.0	0.0	1,390.7	0.0	0.0
2028	9	1,388.7	0.0	0.0	0.0	0.0	0.0	0.0	1,388.7	0.0	0.0
2028	10	1,390.4	0.0	0.0	0.0	0.0	0.0	0.0	1,390.4	0.0	0.0
2028	11	1,388.4	0.0	0.0	0.0	0.0	0.0	0.0	1,388.4	0.0	0.0
2028	12	1,387.4	0.0	0.0	0.0	0.0	0.0	0.0	1,387.4	0.0	0.0
2029	1	1,385.4	0.0	0.0	0.0	0.0	0.0	0.0	1,385.4	0.0	0.0
2029	2	1,383.4	0.0	0.0	0.0	0.0	0.0	0.0	1,383.4	0.0	0.0
2029	3	1,385.1	0.0	0.0	0.0	0.0	0.0	0.0	1,385.1	0.0	0.0
2029	4	1,383.2	0.0	0.0	0.0	0.0	0.0	0.0	1,383.2	0.0	0.0
2029	5	1,382.1	0.0	0.0	0.0	0.0	0.0	0.0	1,382.1	0.0	0.0
2029	6	1,380.2	0.0	0.0	0.0	0.0	0.0	0.0	1,380.2	0.0	0.0
2029	7	1,378.2	0.0	0.0	0.0	0.0	0.0	0.0	1,378.2	0.0	0.0
2029	8	1,379.9	0.0	0.0	0.0	0.0	0.0	0.0	1,379.9	0.0	0.0
2029	9	1,377.9	0.0	0.0	0.0	0.0	0.0	0.0	1,377.9	0.0	0.0
2029	10	1,376.9	0.0	0.0	0.0	0.0	0.0	0.0	1,376.9	0.0	0.0
2029	11	1,374.9	0.0	0.0	0.0	0.0	0.0	0.0	1,374.9	0.0	0.0
2029	12	1,372.9	0.0	0.0	0.0	0.0	0.0	0.0	1,372.9	0.0	0.0
2030	1	1,374.6	0.0	0.0	0.0	0.0	0.0	0.0	1,374.6	0.0	0.0
2030	2	1,372.7	0.0	0.0	0.0	0.0	0.0	0.0	1,372.7	0.0	0.0
2030	3	1,371.6	0.0	0.0	0.0	0.0	0.0	0.0	1,371.6	0.0	0.0
2030	4	1,369.7	0.0	0.0	0.0	0.0	0.0	0.0	1,369.7	0.0	0.0
2030	5	1,367.7	0.0	0.0	0.0	0.0	0.0	0.0	1,367.7	0.0	0.0
2030	6	1,369.4	0.0	0.0	0.0	0.0	0.0	0.0	1,369.4	0.0	0.0

2030	7	1,367.5	0.0	0.0	0.0	0.0	0.0	0.0	1,367.5	0.0	0.0
2030	8	1,366.4	0.0	0.0	0.0	0.0	0.0	0.0	1,366.4	0.0	0.0
2030	9	1,364.5	0.0	0.0	0.0	0.0	0.0	0.0	1,364.5	0.0	0.0
2030	10	1,362.5	0.0	0.0	0.0	0.0	0.0	0.0	1,362.5	0.0	0.0
2030	11	1,364.2	0.0	0.0	0.0	0.0	0.0	0.0	1,364.2	0.0	0.0
2030	12	1,362.3	0.0	0.0	0.0	0.0	0.0	0.0	1,362.3	0.0	0.0
2031	1	1,361.2	0.0	0.0	0.0	0.0	0.0	0.0	1,361.2	0.0	0.0
2031	2	1,359.3	0.0	0.0	0.0	0.0	0.0	0.0	1,359.3	0.0	0.0
2031	3	1,357.3	0.0	0.0	0.0	0.0	0.0	0.0	1,357.3	0.0	0.0
2031	4	1,359.0	0.0	0.0	0.0	0.0	0.0	0.0	1,359.0	0.0	0.0
2031	5	1,357.1	0.0	0.0	0.0	0.0	0.0	0.0	1,357.1	0.0	0.0
2031	6	1,356.1	0.0	0.0	0.0	0.0	0.0	0.0	1,356.1	0.0	0.0
2031	7	1,354.2	0.0	0.0	0.0	0.0	0.0	0.0	1,354.2	0.0	0.0
2031	8	1,352.2	0.0	0.0	0.0	0.0	0.0	0.0	1,352.2	0.0	0.0
2031	9	1,353.9	0.0	0.0	0.0	0.0	0.0	0.0	1,353.9	0.0	0.0
2031	10	1,351.9	0.0	0.0	0.0	0.0	0.0	0.0	1,351.9	0.0	0.0
2031	11	1,350.9	0.0	0.0	0.0	0.0	0.0	0.0	1,350.9	0.0	0.0
2031	12	1,349.0	0.0	0.0	0.0	0.0	0.0	0.0	1,349.0	0.0	0.0
2032	1	1,347.1	0.0	0.0	0.0	0.0	0.0	0.0	1,347.1	0.0	0.0
2032	2	1,348.7	0.0	0.0	0.0	0.0	0.0	0.0	1,348.7	0.0	0.0
2032	3	1,346.8	0.0	0.0	0.0	0.0	0.0	0.0	1,346.8	0.0	0.0
2032	4	1,345.8	0.0	0.0	0.0	0.0	0.0	0.0	1,345.8	0.0	0.0
2032	5	1,343.9	0.0	0.0	0.0	0.0	0.0	0.0	1,343.9	0.0	0.0
2032	6	1,341.9	0.0	0.0	0.0	0.0	0.0	0.0	1,341.9	0.0	0.0
2032	7	1,343.6	0.0	0.0	0.0	0.0	0.0	0.0	1,343.6	0.0	0.0
2032	8	1,341.7	0.0	0.0	0.0	0.0	0.0	0.0	1,341.7	0.0	0.0
2032	9	1,340.7	0.0	0.0	0.0	0.0	0.0	0.0	1,340.7	0.0	0.0
2032	10	1,338.8	0.0	0.0	0.0	0.0	0.0	0.0	1,338.8	0.0	0.0
2032	11	1,336.8	0.0	0.0	0.0	0.0	0.0	0.0	1,336.8	0.0	0.0
2032	12	1,338.5	0.0	0.0	0.0	0.0	0.0	0.0	1,338.5	0.0	0.0
2033	1	1,336.6	0.0	0.0	0.0	0.0	0.0	0.0	1,336.6	0.0	0.0
2033	2	1,335.6	0.0	0.0	0.0	0.0	0.0	0.0	1,335.6	0.0	0.0
2033	3	1,333.7	0.0	0.0	0.0	0.0	0.0	0.0	1,333.7	0.0	0.0
2033	4	1,331.8	0.0	0.0	0.0	0.0	0.0	0.0	1,331.8	0.0	0.0
2033	5	1,333.4	0.0	0.0	0.0	0.0	0.0	0.0	1,333.4	0.0	0.0
2033	6	1,331.5	0.0	0.0	0.0	0.0	0.0	0.0	1,331.5	0.0	0.0
2033	7	1,330.5	0.0	0.0	0.0	0.0	0.0	0.0	1,330.5	0.0	0.0
2033	8	1,328.6	0.0	0.0	0.0	0.0	0.0	0.0	1,328.6	0.0	0.0
2033	9	1,326.7	0.0	0.0	0.0	0.0	0.0	0.0	1,326.7	0.0	0.0
2033	10	1,328.4	0.0	0.0	0.0	0.0	0.0	0.0	1,328.4	0.0	0.0
2033	11	1,326.5	0.0	0.0	0.0	0.0	0.0	0.0	1,326.5	0.0	0.0
2033	12	1,325.5	0.0	0.0	0.0	0.0	0.0	0.0	1,325.5	0.0	0.0
2034	1	1,323.6	0.0	0.0	0.0	0.0	0.0	0.0	1,323.6	0.0	0.0
2034	2	1,321.7	0.0	0.0	0.0	0.0	0.0	0.0	1,321.7	0.0	0.0
2034	3	1,323.3	0.0	0.0	0.0	0.0	0.0	0.0	1,323.3	0.0	0.0
2034	4	1,321.4	0.0	0.0	0.0	0.0	0.0	0.0	1,321.4	0.0	0.0
2034	5	1,320.4	0.0	0.0	0.0	0.0	0.0	0.0	1,320.4	0.0	0.0

2034	6	1,318.6	0.0	0.0	0.0	0.0	0.0	0.0	1,318.6	0.0	0.0
2034	7	1,316.6	0.0	0.0	0.0	0.0	0.0	0.0	1,316.6	0.0	0.0
2034	8	1,318.3	0.0	0.0	0.0	0.0	0.0	0.0	1,318.3	0.0	0.0
2034	9	1,316.4	0.0	0.0	0.0	0.0	0.0	0.0	1,316.4	0.0	0.0
2034	10	1,315.4	0.0	0.0	0.0	0.0	0.0	0.0	1,315.4	0.0	0.0
2034	11	1,313.6	0.0	0.0	0.0	0.0	0.0	0.0	1,313.6	0.0	0.0
2034	12	1,311.6	0.0	0.0	0.0	0.0	0.0	0.0	1,311.6	0.0	0.0
2035	1	1,313.3	0.0	0.0	0.0	0.0	0.0	0.0	1,313.3	0.0	0.0
2035	2	1,311.4	0.0	0.0	0.0	0.0	0.0	0.0	1,311.4	0.0	0.0
2035	3	1,310.4	0.0	0.0	0.0	0.0	0.0	0.0	1,310.4	0.0	0.0
2035	4	1,308.6	0.0	0.0	0.0	0.0	0.0	0.0	1,308.6	0.0	0.0
2035	5	1,306.7	0.0	0.0	0.0	0.0	0.0	0.0	1,306.7	0.0	0.0
2035	6	1,308.3	0.0	0.0	0.0	0.0	0.0	0.0	1,308.3	0.0	0.0
2035	7	1,306.4	0.0	0.0	0.0	0.0	0.0	0.0	1,306.4	0.0	0.0
2035	8	1,305.4	0.0	0.0	0.0	0.0	0.0	0.0	1,305.4	0.0	0.0
2035	9	1,303.6	0.0	0.0	0.0	0.0	0.0	0.0	1,303.6	0.0	0.0
2035	10	1,301.7	0.0	0.0	0.0	0.0	0.0	0.0	1,301.7	0.0	0.0
2035	11	1,303.3	0.0	0.0	0.0	0.0	0.0	0.0	1,303.3	0.0	0.0
2035	12	1,301.5	0.0	0.0	0.0	0.0	0.0	0.0	1,301.5	0.0	0.0
2036	1	1,300.5	0.0	0.0	0.0	0.0	0.0	0.0	1,300.5	0.0	0.0
2036	2	1,298.7	0.0	0.0	0.0	0.0	0.0	0.0	1,298.7	0.0	0.0
2036	3	1,296.8	0.0	0.0	0.0	0.0	0.0	0.0	1,296.8	0.0	0.0
2036	4	1,298.4	0.0	0.0	0.0	0.0	0.0	0.0	1,298.4	0.0	0.0
2036	5	1,296.5	0.0	0.0	0.0	0.0	0.0	0.0	1,296.5	0.0	0.0
2036	6	1,295.5	0.0	0.0	0.0	0.0	0.0	0.0	1,295.5	0.0	0.0
2036	7	1,293.7	0.0	0.0	0.0	0.0	0.0	0.0	1,293.7	0.0	0.0
2036	8	1,291.8	0.0	0.0	0.0	0.0	0.0	0.0	1,291.8	0.0	0.0
2036	9	1,293.4	0.0	0.0	0.0	0.0	0.0	0.0	1,293.4	0.0	0.0
2036	10	1,291.6	0.0	0.0	0.0	0.0	0.0	0.0	1,291.6	0.0	0.0
2036	11	1,290.6	0.0	0.0	0.0	0.0	0.0	0.0	1,290.6	0.0	0.0
2036	12	1,288.8	0.0	0.0	0.0	0.0	0.0	0.0	1,288.8	0.0	0.0
2037	1	1,286.9	0.0	0.0	0.0	0.0	0.0	0.0	1,286.9	0.0	0.0
2037	2	1,288.5	0.0	0.0	0.0	0.0	0.0	0.0	1,288.5	0.0	0.0
2037	3	1,286.7	0.0	0.0	0.0	0.0	0.0	0.0	1,286.7	0.0	0.0
2037	4	1,285.7	0.0	0.0	0.0	0.0	0.0	0.0	1,285.7	0.0	0.0
2037	5	1,283.9	0.0	0.0	0.0	0.0	0.0	0.0	1,283.9	0.0	0.0
2037	6	1,282.0	0.0	0.0	0.0	0.0	0.0	0.0	1,282.0	0.0	0.0
2037	7	1,283.6	0.0	0.0	0.0	0.0	0.0	0.0	1,283.6	0.0	0.0
2037	8	1,281.8	0.0	0.0	0.0	0.0	0.0	0.0	1,281.8	0.0	0.0
2037	9	1,280.8	0.0	0.0	0.0	0.0	0.0	0.0	1,280.8	0.0	0.0
2037	10	1,279.0	0.0	0.0	0.0	0.0	0.0	0.0	1,279.0	0.0	0.0
2037	11	1,277.2	0.0	0.0	0.0	0.0	0.0	0.0	1,277.2	0.0	0.0
2037	12	1,278.8	0.0	0.0	0.0	0.0	0.0	0.0	1,278.8	0.0	0.0
2038	1	1,276.9	0.0	0.0	0.0	0.0	0.0	0.0	1,276.9	0.0	0.0
2038	2	1,276.0	0.0	0.0	0.0	0.0	0.0	0.0	1,276.0	0.0	0.0
2038	3	1,274.2	0.0	0.0	0.0	0.0	0.0	0.0	1,274.2	0.0	0.0
2038	4	1,272.3	0.0	0.0	0.0	0.0	0.0	0.0	1,272.3	0.0	0.0

2038	5	1,273.9	0.0	0.0	0.0	0.0	0.0	0.0	1,273.9	0.0	0.0
2038	6	1,272.1	0.0	0.0	0.0	0.0	0.0	0.0	1,272.1	0.0	0.0
2038	7	1,271.1	0.0	0.0	0.0	0.0	0.0	0.0	1,271.1	0.0	0.0
2038	8	1,269.3	0.0	0.0	0.0	0.0	0.0	0.0	1,269.3	0.0	0.0
2038	9	1,267.5	0.0	0.0	0.0	0.0	0.0	0.0	1,267.5	0.0	0.0
2038	10	1,269.1	0.0	0.0	0.0	0.0	0.0	0.0	1,269.1	0.0	0.0
2038	11	1,267.2	0.0	0.0	0.0	0.0	0.0	0.0	1,267.2	0.0	0.0
2038	12	1,266.3	0.0	0.0	0.0	0.0	0.0	0.0	1,266.3	0.0	0.0
2039	1	1,264.5	0.0	0.0	0.0	0.0	0.0	0.0	1,264.5	0.0	0.0
2039	2	1,262.7	0.0	0.0	0.0	0.0	0.0	0.0	1,262.7	0.0	0.0
2039	3	1,264.2	0.0	0.0	0.0	0.0	0.0	0.0	1,264.2	0.0	0.0
2039	4	1,262.4	0.0	0.0	0.0	0.0	0.0	0.0	1,262.4	0.0	0.0
2039	5	1,261.5	0.0	0.0	0.0	0.0	0.0	0.0	1,261.5	0.0	0.0
2039	6	1,259.7	0.0	0.0	0.0	0.0	0.0	0.0	1,259.7	0.0	0.0
2039	7	1,257.9	0.0	0.0	0.0	0.0	0.0	0.0	1,257.9	0.0	0.0
2039	8	1,259.4	0.0	0.0	0.0	0.0	0.0	0.0	1,259.4	0.0	0.0
2039	9	1,257.6	0.0	0.0	0.0	0.0	0.0	0.0	1,257.6	0.0	0.0
2039	10	1,256.7	0.0	0.0	0.0	0.0	0.0	0.0	1,256.7	0.0	0.0
2039	11	1,254.9	0.0	0.0	0.0	0.0	0.0	0.0	1,254.9	0.0	0.0
2039	12	1,253.1	0.0	0.0	0.0	0.0	0.0	0.0	1,253.1	0.0	0.0
2040	1	1,254.7	0.0	0.0	0.0	0.0	0.0	0.0	1,254.7	0.0	0.0
2040	2	1,252.9	0.0	0.0	0.0	0.0	0.0	0.0	1,252.9	0.0	0.0
2040	3	1,251.9	0.0	0.0	0.0	0.0	0.0	0.0	1,251.9	0.0	0.0
2040	4	1,250.2	0.0	0.0	0.0	0.0	0.0	0.0	1,250.2	0.0	0.0
2040	5	1,248.3	0.0	0.0	0.0	0.0	0.0	0.0	1,248.3	0.0	0.0
2040	6	1,249.9	0.0	0.0	0.0	0.0	0.0	0.0	1,249.9	0.0	0.0
2040	7	1,248.1	0.0	0.0	0.0	0.0	0.0	0.0	1,248.1	0.0	0.0
2040	8	1,247.2	0.0	0.0	0.0	0.0	0.0	0.0	1,247.2	0.0	0.0
2040	9	1,245.4	0.0	0.0	0.0	0.0	0.0	0.0	1,245.4	0.0	0.0
2040	10	1,243.6	0.0	0.0	0.0	0.0	0.0	0.0	1,243.6	0.0	0.0
2040	11	1,245.1	0.0	0.0	0.0	0.0	0.0	0.0	1,245.1	0.0	0.0
2040	12	1,243.4	0.0	0.0	0.0	0.0	0.0	0.0	1,243.4	0.0	0.0
2041	1	1,242.4	0.0	0.0	0.0	0.0	0.0	0.0	1,242.4	0.0	0.0
2041	2	1,240.7	0.0	0.0	0.0	0.0	0.0	0.0	1,240.7	0.0	0.0
2041	3	1,238.9	0.0	0.0	0.0	0.0	0.0	0.0	1,238.9	0.0	0.0
2041	4	1,240.4	0.0	0.0	0.0	0.0	0.0	0.0	1,240.4	0.0	0.0
2041	5	1,238.6	0.0	0.0	0.0	0.0	0.0	0.0	1,238.6	0.0	0.0
2041	6	1,237.7	0.0	0.0	0.0	0.0	0.0	0.0	1,237.7	0.0	0.0
2041	7	1,236.0	0.0	0.0	0.0	0.0	0.0	0.0	1,236.0	0.0	0.0
2041	8	1,234.2	0.0	0.0	0.0	0.0	0.0	0.0	1,234.2	0.0	0.0
2041	9	1,235.7	0.0	0.0	0.0	0.0	0.0	0.0	1,235.7	0.0	0.0
2041	10	1,233.9	0.0	0.0	0.0	0.0	0.0	0.0	1,233.9	0.0	0.0
2041	11	1,233.0	0.0	0.0	0.0	0.0	0.0	0.0	1,233.0	0.0	0.0
2041	12	1,231.3	0.0	0.0	0.0	0.0	0.0	0.0	1,231.3	0.0	0.0
2042	1	1,229.5	0.0	0.0	0.0	0.0	0.0	0.0	1,229.5	0.0	0.0
2042	2	1,231.0	0.0	0.0	0.0	0.0	0.0	0.0	1,231.0	0.0	0.0
2042	3	1,229.3	0.0	0.0	0.0	0.0	0.0	0.0	1,229.3	0.0	0.0

2042	4	1,228.3	0.0	0.0	0.0	0.0	0.0	0.0	1,228.3	0.0	0.0
2042	5	1,226.6	0.0	0.0	0.0	0.0	0.0	0.0	1,226.6	0.0	0.0
2042	6	1,224.8	0.0	0.0	0.0	0.0	0.0	0.0	1,224.8	0.0	0.0
2042	7	1,226.3	0.0	0.0	0.0	0.0	0.0	0.0	1,226.3	0.0	0.0
2042	8	1,224.6	0.0	0.0	0.0	0.0	0.0	0.0	1,224.6	0.0	0.0
2042	9	1,223.7	0.0	0.0	0.0	0.0	0.0	0.0	1,223.7	0.0	0.0
2042	10	1,221.9	0.0	0.0	0.0	0.0	0.0	0.0	1,221.9	0.0	0.0
2042	11	1,220.2	0.0	0.0	0.0	0.0	0.0	0.0	1,220.2	0.0	0.0
2042	12	1,221.7	0.0	0.0	0.0	0.0	0.0	0.0	1,221.7	0.0	0.0
2043	1	1,219.9	0.0	0.0	0.0	0.0	0.0	0.0	1,219.9	0.0	0.0
2043	2	1,219.0	0.0	0.0	0.0	0.0	0.0	0.0	1,219.0	0.0	0.0
2043	3	1,217.3	0.0	0.0	0.0	0.0	0.0	0.0	1,217.3	0.0	0.0
2043	4	1,215.5	0.0	0.0	0.0	0.0	0.0	0.0	1,215.5	0.0	0.0
2043	5	1,217.0	0.0	0.0	0.0	0.0	0.0	0.0	1,217.0	0.0	0.0
2043	6	1,215.3	0.0	0.0	0.0	0.0	0.0	0.0	1,215.3	0.0	0.0
2043	7	1,214.4	0.0	0.0	0.0	0.0	0.0	0.0	1,214.4	0.0	0.0
2043	8	1,212.7	0.0	0.0	0.0	0.0	0.0	0.0	1,212.7	0.0	0.0
2043	9	1,210.9	0.0	0.0	0.0	0.0	0.0	0.0	1,210.9	0.0	0.0
2043	10	1,212.4	0.0	0.0	0.0	0.0	0.0	0.0	1,212.4	0.0	0.0
2043	11	1,210.7	0.0	0.0	0.0	0.0	0.0	0.0	1,210.7	0.0	0.0
2043	12	1,209.8	0.0	0.0	0.0	0.0	0.0	0.0	1,209.8	0.0	0.0
2044	1	1,208.1	0.0	0.0	0.0	0.0	0.0	0.0	1,208.1	0.0	0.0
2044	2	1,206.3	0.0	0.0	0.0	0.0	0.0	0.0	1,206.3	0.0	0.0
2044	3	1,207.8	0.0	0.0	0.0	0.0	0.0	0.0	1,207.8	0.0	0.0
2044	4	1,206.1	0.0	0.0	0.0	0.0	0.0	0.0	1,206.1	0.0	0.0
2044	5	1,205.2	0.0	0.0	0.0	0.0	0.0	0.0	1,205.2	0.0	0.0
2044	6	1,203.5	0.0	0.0	0.0	0.0	0.0	0.0	1,203.5	0.0	0.0
2044	7	1,201.7	0.0	0.0	0.0	0.0	0.0	0.0	1,201.7	0.0	0.0
2044	8	1,203.2	0.0	0.0	0.0	0.0	0.0	0.0	1,203.2	-0.0	0.0
2044	9	1,201.5	0.0	0.0	0.0	0.0	0.0	0.0	1,201.5	0.0	0.0
2044	10	1,200.6	0.0	0.0	0.0	0.0	0.0	0.0	1,200.6	0.0	0.0
2044	11	1,198.9	0.0	0.0	0.0	0.0	0.0	0.0	1,198.9	0.0	0.0
2044	12	1,197.2	0.0	0.0	0.0	0.0	0.0	0.0	1,197.2	0.0	0.0
2045	1	1,198.7	0.0	0.0	0.0	0.0	0.0	0.0	1,198.7	0.0	0.0
2045	2	1,196.9	0.0	0.0	0.0	0.0	0.0	0.0	1,196.9	0.0	0.0
2045	3	1,196.0	0.0	0.0	0.0	0.0	0.0	0.0	1,196.0	0.0	0.0
2045	4	1,194.4	0.0	0.0	0.0	0.0	0.0	0.0	1,194.4	0.0	0.0
2045	5	1,192.6	0.0	0.0	0.0	0.0	0.0	0.0	1,192.6	0.0	0.0
2045	6	1,194.1	0.0	0.0	0.0	0.0	0.0	0.0	1,194.1	0.0	0.0
2045	7	1,192.4	0.0	0.0	0.0	0.0	0.0	0.0	1,192.4	0.0	0.0
2045	8	1,191.5	0.0	0.0	0.0	0.0	0.0	0.0	1,191.5	-0.0	0.0
2045	9	1,189.8	0.0	0.0	0.0	0.0	0.0	0.0	1,189.8	0.0	0.0
2045	10	1,188.1	0.0	0.0	0.0	0.0	0.0	0.0	1,188.1	0.0	0.0
2045	11	1,189.6	0.0	0.0	0.0	0.0	0.0	0.0	1,189.6	0.0	0.0
2045	12	1,187.9	0.0	0.0	0.0	0.0	0.0	0.0	1,187.9	0.0	0.0
2046	1	1,187.0	0.0	0.0	0.0	0.0	0.0	0.0	1,187.0	0.0	0.0
2046	2	1,185.3	0.0	0.0	0.0	0.0	0.0	0.0	1,185.3	0.0	0.0

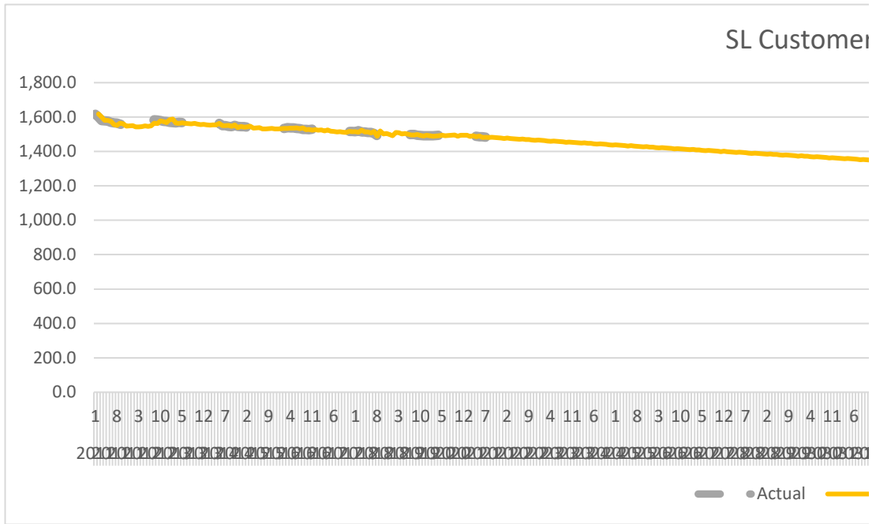
2046	3	1,183.6	0.0	0.0	0.0	0.0	0.0	0.0	1,183.6	0.0	0.0
2046	4	1,185.1	0.0	0.0	0.0	0.0	0.0	0.0	1,185.1	0.0	0.0
2046	5	1,183.4	0.0	0.0	0.0	0.0	0.0	0.0	1,183.4	0.0	0.0
2046	6	1,182.5	0.0	0.0	0.0	0.0	0.0	0.0	1,182.5	0.0	0.0
2046	7	1,180.8	0.0	0.0	0.0	0.0	0.0	0.0	1,180.8	0.0	0.0
2046	8	1,179.1	0.0	0.0	0.0	0.0	0.0	0.0	1,179.1	0.0	0.0
2046	9	1,180.6	0.0	0.0	0.0	0.0	0.0	0.0	1,180.6	0.0	0.0
2046	10	1,178.9	0.0	0.0	0.0	0.0	0.0	0.0	1,178.9	-0.0	0.0
2046	11	1,178.0	0.0	0.0	0.0	0.0	0.0	0.0	1,178.0	0.0	0.0
2046	12	1,176.3	0.0	0.0	0.0	0.0	0.0	0.0	1,176.3	0.0	0.0
2047	1	1,174.6	0.0	0.0	0.0	0.0	0.0	0.0	1,174.6	0.0	0.0
2047	2	1,176.1	0.0	0.0	0.0	0.0	0.0	0.0	1,176.1	0.0	0.0
2047	3	1,174.4	0.0	0.0	0.0	0.0	0.0	0.0	1,174.4	0.0	0.0
2047	4	1,173.5	0.0	0.0	0.0	0.0	0.0	0.0	1,173.5	0.0	0.0
2047	5	1,171.9	0.0	0.0	0.0	0.0	0.0	0.0	1,171.9	0.0	0.0
2047	6	1,170.1	0.0	0.0	0.0	0.0	0.0	0.0	1,170.1	0.0	0.0
2047	7	1,171.6	0.0	0.0	0.0	0.0	0.0	0.0	1,171.6	0.0	0.0
2047	8	1,169.9	0.0	0.0	0.0	0.0	0.0	0.0	1,169.9	0.0	0.0
2047	9	1,169.1	0.0	0.0	0.0	0.0	0.0	0.0	1,169.1	0.0	0.0
2047	10	1,167.4	0.0	0.0	0.0	0.0	0.0	0.0	1,167.4	0.0	0.0
2047	11	1,165.7	0.0	0.0	0.0	0.0	0.0	0.0	1,165.7	0.0	0.0
2047	12	1,167.2	0.0	0.0	0.0	0.0	0.0	0.0	1,167.2	0.0	0.0
2048	1	1,165.5	0.0	0.0	0.0	0.0	0.0	0.0	1,165.5	0.0	0.0
2048	2	1,164.6	0.0	0.0	0.0	0.0	0.0	0.0	1,164.6	0.0	0.0
2048	3	1,163.0	0.0	0.0	0.0	0.0	0.0	0.0	1,163.0	0.0	0.0
2048	4	1,161.3	0.0	0.0	0.0	0.0	0.0	0.0	1,161.3	0.0	0.0
2048	5	1,162.7	0.0	0.0	0.0	0.0	0.0	0.0	1,162.7	0.0	0.0
2048	6	1,161.1	0.0	0.0	0.0	0.0	0.0	0.0	1,161.1	0.0	0.0
2048	7	1,160.2	0.0	0.0	0.0	0.0	0.0	0.0	1,160.2	0.0	0.0
2048	8	1,158.6	0.0	0.0	0.0	0.0	0.0	0.0	1,158.6	0.0	0.0
2048	9	1,156.9	0.0	0.0	0.0	0.0	0.0	0.0	1,156.9	0.0	0.0
2048	10	1,158.3	0.0	0.0	0.0	0.0	0.0	0.0	1,158.3	0.0	0.0
2048	11	1,156.6	0.0	0.0	0.0	0.0	0.0	0.0	1,156.6	0.0	0.0
2048	12	1,155.8	0.0	0.0	0.0	0.0	0.0	0.0	1,155.8	0.0	0.0
2049	1	1,154.2	0.0	0.0	0.0	0.0	0.0	0.0	1,154.2	0.0	0.0
2049	2	1,152.5	0.0	0.0	0.0	0.0	0.0	0.0	1,152.5	0.0	0.0
2049	3	1,153.9	0.0	0.0	0.0	0.0	0.0	0.0	1,153.9	0.0	0.0
2049	4	1,152.3	0.0	0.0	0.0	0.0	0.0	0.0	1,152.3	0.0	0.0
2049	5	1,151.4	0.0	0.0	0.0	0.0	0.0	0.0	1,151.4	0.0	0.0
2049	6	1,149.8	0.0	0.0	0.0	0.0	0.0	0.0	1,149.8	0.0	0.0
2049	7	1,148.1	0.0	0.0	0.0	0.0	0.0	0.0	1,148.1	0.0	0.0
2049	8	1,149.5	0.0	0.0	0.0	0.0	0.0	0.0	1,149.5	0.0	0.0
2049	9	1,147.9	0.0	0.0	0.0	0.0	0.0	0.0	1,147.9	0.0	0.0
2049	10	1,147.0	0.0	0.0	0.0	0.0	0.0	0.0	1,147.0	0.0	0.0
2049	11	1,145.4	0.0	0.0	0.0	0.0	0.0	0.0	1,145.4	0.0	0.0
2049	12	1,143.7	0.0	0.0	0.0	0.0	0.0	0.0	1,143.7	0.0	0.0
2050	1	1,145.2	0.0	0.0	0.0	0.0	0.0	0.0	1,145.2	0.0	0.0

2050	2	1,143.5	0.0	0.0	0.0	0.0	0.0	0.0	1,143.5	0.0	0.0
2050	3	1,142.7	0.0	0.0	0.0	0.0	0.0	0.0	1,142.7	-0.0	0.0
2050	4	1,141.1	0.0	0.0	0.0	0.0	0.0	0.0	1,141.1	0.0	0.0
2050	5	1,139.4	0.0	0.0	0.0	0.0	0.0	0.0	1,139.4	0.0	0.0
2050	6	1,140.8	0.0	0.0	0.0	0.0	0.0	0.0	1,140.8	0.0	0.0
2050	7	1,139.2	0.0	0.0	0.0	0.0	0.0	0.0	1,139.2	0.0	0.0
2050	8	1,138.3	0.0	0.0	0.0	0.0	0.0	0.0	1,138.3	0.0	0.0
2050	9	1,136.7	0.0	0.0	0.0	0.0	0.0	0.0	1,136.7	0.0	0.0
2050	10	1,135.1	0.0	0.0	0.0	0.0	0.0	0.0	1,135.1	0.0	0.0
2050	11	1,136.5	0.0	0.0	0.0	0.0	0.0	0.0	1,136.5	0.0	0.0
2050	12	1,134.9	0.0	0.0	0.0	0.0	0.0	0.0	1,134.9	0.0	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma
2011	1	1,616.0				
2011	2	1,598.0	1618.16401	1633.134849	1603.193171	7.560028806
2011	3	1,579.0	1600.69086	1615.6586	1585.72312	7.558463575
2011	4	1,578.0	1581.089896	1596.04525	1566.134542	7.552209008
2011	5	1,577.0	1580.690257	1595.636335	1565.744179	7.54752477
2011	6	1,569.0	1574.445519	1589.366917	1559.524121	7.535061583
2011	7	1,567.0	1556.487527	1571.353691	1541.621362	7.507169812
2011	8	1,565.0	1551.378489	1566.186804	1536.570174	7.477956529
2011	9	1,559.0	1565.065177	1579.87046	1550.259895	7.476425526
2011	10	1,553.0	1559.728775	1574.531028	1544.926523	7.47489518
2011	11	1,549.0	1547.418958	1562.197013	1532.640903	7.462676095
2011	12	1,550.0	1548.869725	1563.641744	1534.097706	7.459627918
2012	1	1,547.0	1549.472876	1564.238864	1534.706887	7.456582386
2012	2	1,548.0	1542.621693	1557.36962	1527.873766	7.447461687
2012	3	1,549.0	1542.696383	1557.426296	1527.96647	7.438364904
2012	4	1,549.0	1544.763478	1559.481408	1530.045548	7.432313711
2012	5	1,549.0	1549.216028	1563.936952	1534.495104	7.433825508
2012	6	1,548.0	1545.363334	1560.075281	1530.651388	7.429292124
2012	7	1,545.0	1548.084416	1562.799354	1533.369479	7.430802583
2012	8	1,584.0	1565.330912	1582.639044	1548.02278	8.740323377
2012	9	1,583.0	1561.476425	1576.194355	1546.758495	7.432313711
2012	10	1,579.0	1577.710785	1592.428715	1562.992855	7.432313711
2012	11	1,575.0	1573.245058	1587.959996	1558.530121	7.430802583
2012	12	1,573.0	1567.651014	1582.356982	1552.945046	7.426273213
2013	1	1,569.0	1586.06118	1603.449222	1568.673138	8.780676555
2013	2	1,568.0	1587.669818	1602.490273	1572.849364	7.4840871
2013	3	1,567.0	1565.207175	1580.01549	1550.39886	7.477956529
2013	4	1,569.0	1563.811333	1578.607529	1549.015138	7.471836458
2013	5	1,568.0	1567.010039	1581.800183	1552.219896	7.468780368
2013	6	1,563.0	1563.886023	1578.664079	1549.107968	7.462676095
2013	7	1,562.0	1562.009263	1576.7843	1547.234227	7.461151676
2013	8	1,561.0	1561.009767	1575.781786	1546.237748	7.459627918
2013	9	1,560.0	1562.998877	1577.776933	1548.220822	7.462676095
2013	10	1,561.0	1559.40712	1574.182157	1544.632083	7.461151676
2013	11	1,559.0	1556.157577	1570.91754	1541.397615	7.453539501
2013	12	1,556.0	1557.747048	1572.503999	1542.990096	7.452019052
2014	1	1,554.0	1555.012789	1569.766731	1540.258847	7.450499267
2014	2	1,554.0	1553.145911	1567.896845	1538.394978	7.448980145
2014	3	1,556.0	1555.006201	1569.760143	1540.252259	7.450499267
2014	4	1,555.0	1553.884472	1568.632399	1539.136545	7.447461687
2014	5	1,564.0	1563.773943	1581.090761	1546.457124	8.744709891
2014	6	1,550.0	1549.739379	1564.472291	1535.006467	7.43987937
2014	7	1,550.0	1549.747783	1564.480695	1535.014871	7.43987937
2014	8	1,546.0	1551.740187	1566.479101	1537.001273	7.4429103
2014	9	1,545.0	1545.546286	1560.282199	1530.810374	7.441394502
2014	10	1,551.0	1554.508812	1569.271786	1539.745837	7.455060612

2010-2020 APCT
2015-2020 APCT
2020--2025 APCT
2025-2030 APCT
2030-2035 APCT
2035-2050 APCT

coefficients significant
MAPE
MAD
Elasticity of Lagged Dep
Leave Forecast Unchan



2014	11	1,546.0	1537.989485	1552.710409	1523.268562	7.433825508
2014	12	1,545.0	1545.749797	1560.470721	1531.028874	7.433825508
2015	1	1,545.0	1540.897608	1555.606564	1526.188651	7.427782334
2015	2	1,541.0	1543.357753	1558.063722	1528.651785	7.426273213
2015	3	1,539.0	1546.729529	1561.453448	1532.00561	7.435337972
2015	4	1,538.0	1534.829234	1549.53819	1520.120277	7.427782334
2015	5	1,538.0	1537.286085	1551.992053	1522.580117	7.426273213
2015	6	1,534.0	1538.150172	1552.85614	1523.444204	7.426273213
2015	7	1,533.0	1530.695839	1545.389867	1516.001811	7.420243435
2015	8	1,534.0	1531.292401	1545.980467	1516.604336	7.417232575
2015	9	1,535.0	1532.891754	1547.576841	1518.206668	7.415728153
2015	10	1,535.0	1534.623223	1549.308309	1519.938136	7.415728153
2015	11	1,533.0	1530.638414	1545.311597	1515.965231	7.409717199
2015	12	1,533.0	1531.363797	1546.034008	1516.693587	7.408216146
2016	1	1,534.0	1533.224087	1547.897269	1518.550904	7.409717199
2016	2	1,534.0	1534.223583	1548.89974	1519.547426	7.411218927
2016	3	1,539.0	1533.359496	1548.035653	1518.683339	7.411218927
2016	4	1,537.0	1535.703997	1550.374208	1521.033787	7.408216146
2016	5	1,537.0	1535.697409	1550.367619	1521.027199	7.408216146
2016	6	1,534.0	1536.693611	1551.366794	1522.020428	7.409717199
2016	7	1,532.0	1533.227381	1547.900564	1518.554198	7.409717199
2016	8	1,528.0	1536.473629	1551.161695	1521.785564	7.417232575
2016	9	1,528.0	1526.691265	1541.373374	1512.009157	7.414224404
2016	10	1,526.0	1528.419439	1543.101548	1513.737331	7.414224404
2016	11	1,529.0	1523.69607	1538.369253	1509.022888	7.409717199
2016	12	1,528.0	1526.898071	1541.56531	1512.230831	7.406715767
2017	1	1,526.0	1523.774055	1538.429423	1509.118687	7.400721011
2017	2	1,522.0	1525.49564	1540.151008	1510.840272	7.400721011
2017	3	1,522.0	1520.033711	1534.683152	1505.384271	7.397727694
2017	4	1,519.0	1524.750492	1539.408826	1510.092158	7.402218686
2017	5	1,517.0	1518.559885	1533.215253	1503.904517	7.400721011
2017	6	1,517.0	1515.696806	1530.346246	1501.047365	7.397727694
2017	7	1,515.0	1513.440171	1528.077772	1498.802569	7.391749196
2017	8	1,514.0	1515.161757	1529.799358	1500.524155	7.391749196
2017	9	1,512.0	1511.305769	1525.934505	1496.677032	7.387272455
2017	10	1,517.0	1510.170863	1524.793696	1495.54803	7.384291364
2017	11	1,517.0	1516.235943	1530.858776	1501.61311	7.384291364
2017	12	1,517.0	1514.243539	1528.860474	1499.626604	7.381312999
2018	1	1,515.0	1514.97551	1529.589499	1500.361522	7.379824839
2018	2	1,521.0	1512.112431	1526.720529	1497.504332	7.37685057
2018	3	1,514.0	1524.025903	1538.648736	1509.40307	7.384291364
2018	4	1,513.0	1513.633799	1528.256633	1499.010966	7.384291364
2018	5	1,510.0	1512.766418	1527.389251	1498.143585	7.384291364
2018	6	1,510.0	1508.17187	1522.788806	1493.554935	7.381312999
2018	7	1,505.0	1515.877258	1530.511903	1501.242612	7.390256269
2018	8	1,491.0	1488.92106	1506.880625	1470.961495	9.069286152
2018	9	1,522.0	1519.603192	1537.553901	1501.652483	9.064814315

2018	10	1,504.0	1501.236722	1515.838936	1486.634508	7.373879034
2018	11	1,504.0	1504.035182	1518.637396	1489.432968	7.373879034
2018	12	1,506.0	1499.054171	1513.641697	1484.466644	7.36646218
2019	1	1,506.0	1491.162538	1505.709121	1476.615954	7.345786455
2019	2	1,505.0	1510.857379	1528.041213	1493.673546	8.6775548
2019	3	1,502.0	1508.752967	1523.33756	1494.168374	7.364980867
2019	4	1,503.0	1501.507728	1516.092322	1486.923135	7.364980867
2019	5	1,501.0	1504.367514	1518.957975	1489.777052	7.367944179
2019	6	1,497.0	1500.904577	1515.495039	1486.314116	7.367944179
2019	7	1,499.0	1496.438851	1511.026377	1481.851324	7.36646218
2019	8	1,498.0	1496.049093	1510.627824	1481.470363	7.362020302
2019	9	1,494.0	1498.770175	1513.351837	1484.188514	7.363500241
2019	10	1,493.0	1492.444159	1507.019961	1477.868358	7.36054105
2019	11	1,492.0	1489.320144	1503.884241	1474.756046	7.354630931
2019	12	1,492.0	1493.901515	1508.471461	1479.331568	7.357584613
2020	1	1,492.0	1491.177139	1505.74416	1476.610117	7.356107427
2020	2	1,492.0	1488.056417	1502.611751	1473.501083	7.350205583
2020	3	1,493.0	1490.516563	1505.068979	1475.964147	7.348731849
2020	4	1,495.0	1491.251829	1505.801328	1476.70233	7.347258806
2020	5	1,493.0	1493.850678	1508.400177	1479.301179	7.347258806
2020	6	1,494.0	1492.115916	1506.665415	1477.566417	7.347258806
2020	7	1,495.0	1492.983297	1507.532796	1478.433798	7.347258806
2020	8	1,494.0	1494.84688	1509.399296	1480.294464	7.348731849
2020	9	1,491.0	1495.107816	1509.66607	1480.549562	7.351680009
2020	10	1,495.0	1488.785095	1503.33751	1474.232679	7.348731849
2020	11	1,494.0	1494.978995	1509.53433	1480.423661	7.350205583
2020	12	1,496.0	1494.243729	1508.801983	1479.685475	7.351680009
2021	1	1,490.0	1494.118203	1508.673537	1479.562868	7.350205583
2021	2	1,488.0	1486.789396	1501.335979	1472.242813	7.345786455
2021	3	1,486.0	1491.631703	1506.189957	1477.073449	7.351680009
2021	4	1,488.0	1485.444391	1499.999725	1470.889057	7.350205583
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2021	6	1,485.0	1480.595495	1495.139164	1466.051826	7.344314796
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2021	8		1480.927851	1495.459876	1466.395825	7.338435091
2021	9		1482.844474	1500.816207	1464.872741	9.075430926
2021	10		1480.786339	1500.955674	1460.617004	10.18518396
2021	11		1479.733123	1501.410438	1458.055808	10.94668926
2021	12		1477.698859	1500.442597	1454.955121	11.48521544
2022	1		1475.584092	1499.097256	1452.070928	11.87376304
2022	2		1477.45623	1501.538162	1453.374299	12.16098121
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2022	10	1466.732248	1492.274479	1441.190016	12.89840875
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2023	11	1453.278243	1478.958375	1427.598111	12.96804632
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2024	5	1446.682148	1472.354927	1421.009369	12.96433334
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2024	7	1442.540312	1468.206732	1416.873892	12.96112209
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2025	9	1428.25421	1453.898138	1402.610282	12.94976403
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2026	2	1422.830213	1448.465506	1397.194921	12.94540321
2026	3	1420.75431	1446.386303	1395.122316	12.94373726
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2026	5	1420.486777	1446.118346	1394.855207	12.94352304
2026	6	1419.423624	1445.053506	1393.793742	12.94267083
2026	7	1417.426682	1443.053397	1391.799967	12.94107154

2026	8	1415.358645	1440.982085	1389.735206	12.93941747
2026	9	1417.119384	1442.745612	1391.493156	12.94082573
2026	10	1415.092101	1440.715118	1389.469083	12.93920452
2026	11	1414.032974	1439.654316	1388.411632	12.9383584
2026	12	1412.043607	1437.661805	1386.425409	12.93677064
2027	1	1409.983416	1435.598362	1384.36847	12.9351285
2027	2	1411.73746	1437.355174	1386.119745	12.93652651
2027	3	1409.717869	1435.332397	1384.103342	12.93491702
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2028	6	1393.71724	1419.306664	1368.127817	12.92223992
2028	7	1392.674102	1418.261898	1367.086306	12.92141805
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2029	12	1372.923755	1398.480946	1347.366563	12.90596343
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2030	4	1369.708061	1395.260308	1344.155815	12.90346631
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2030	7	1367.452033	1393.000817	1341.903249	12.90171762
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2030	9	1364.50615	1390.05042	1338.96188	12.8994382
2030	10	1362.515309	1388.056533	1336.974084	12.89790031
2030	11	1364.210295	1389.754112	1338.666478	12.89920953
2030	12	1362.258689	1387.799522	1336.717857	12.89770223
2031	1	1361.239096	1386.77837	1335.699822	12.89691554
2031	2	1359.323994	1384.860345	1333.787643	12.89543938
2031	3	1357.340714	1382.874042	1331.807386	12.89391267
2031	4	1359.029262	1384.565164	1333.493361	12.89521237
2031	5	1357.085069	1382.618008	1331.552131	12.89371603
2031	6	1356.069348	1381.60074	1330.537956	12.89293507
2031	7	1354.161519	1379.690009	1328.633029	12.89146965
2031	8	1352.185771	1377.71126	1326.660282	12.88995405
2031	9	1353.867907	1379.395951	1328.339863	12.89124429
2031	10	1351.931097	1377.4562	1326.405995	12.88975884
2031	11	1350.919234	1376.442801	1325.395667	12.88898356
2031	12	1349.01865	1374.539336	1323.497964	12.8875288
2032	1	1347.050406	1372.568112	1321.532699	12.88602424
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2032	3	1346.796699	1372.314022	1321.279376	12.88583045
2032	4	1345.788679	1371.304478	1320.27288	12.88506081
2032	5	1343.895313	1369.408252	1318.382374	12.88361664
2032	6	1341.934544	1367.444525	1316.424563	12.88212303
2032	7	1343.603927	1369.116426	1318.091428	12.88339455
2032	8	1341.681801	1367.191401	1316.172201	12.88193065
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2032	10	1338.791434	1364.296682	1313.286185	12.87973296
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2033	1	1336.586328	1362.088262	1311.084394	12.87805925
2033	2	1335.585949	1361.086381	1310.085517	12.87730078
2033	3	1333.706938	1359.204552	1308.209324	12.87587757
2033	4	1331.761034	1357.255732	1306.266335	12.87440564
2033	5	1333.417761	1358.914941	1307.920581	12.87565871
2033	6	1331.510207	1357.00453	1306.015883	12.87421605
2033	7	1330.513627	1356.00646	1305.020795	12.87346311
2033	8	1328.641752	1354.131787	1303.151718	12.87205027
2033	9	1326.703238	1352.190379	1301.216097	12.87058906
2033	10	1328.353673	1353.843278	1302.864069	12.871833
2033	11	1326.453364	1351.940132	1300.966595	12.87040085
2033	12	1325.460569	1350.945857	1299.975281	12.8696534
2034	1	1323.595803	1349.078314	1298.113292	12.86825085
2034	2	1321.664651	1347.144289	1296.185013	12.8668003
2034	3	1323.308818	1348.790902	1297.826735	12.86803516
2034	4	1321.415726	1346.894994	1295.936458	12.86661346
2034	5	1320.426702	1345.904501	1294.948903	12.86587146

2034	6	1318.569018	1344.044059	1293.093976	12.86447913
2034	7	1316.6452	1342.11739	1291.17301	12.86303915
2034	8	1318.283123	1343.757741	1292.808505	12.86426502
2034	9	1316.39722	1341.869043	1290.925397	12.86285368
2034	10	1315.411952	1340.882316	1289.941588	12.86211708
2034	11	1313.561323	1339.02895	1288.093696	12.86073491
2034	12	1311.644811	1337.109608	1286.180015	12.85930543
2035	1	1313.276514	1338.74372	1287.809308	12.86052236
2035	2	1311.397773	1336.862205	1285.933341	12.85912131
2035	3	1310.416247	1335.879231	1284.953263	12.85839009
2035	4	1308.572647	1334.032914	1283.11238	12.857018
2035	5	1306.663414	1332.12087	1281.205957	12.85559895
2035	6	1308.288919	1333.748768	1282.82907	12.856807
2035	7	1306.417314	1331.874409	1280.960219	12.85541617
2035	8	1305.439515	1330.895173	1279.983858	12.85469029
2035	9	1303.602917	1329.055877	1278.149957	12.85332821
2035	10	1301.700935	1327.151105	1276.250764	12.85191951
2035	11	1303.320267	1328.772812	1277.867721	12.85311874
2035	12	1301.455769	1326.90558	1276.005958	12.85173807
2036	1	1300.481684	1325.930069	1275.0333	12.85101748
2036	2	1298.652061	1324.097767	1273.206354	12.84966534
2036	3	1296.757302	1322.200239	1271.314365	12.84826692
2036	4	1298.370484	1323.815779	1272.925189	12.8494574
2036	5	1296.513068	1321.955648	1271.070487	12.8480868
2036	6	1295.542682	1320.983846	1270.101518	12.84737147
2036	7	1293.720007	1319.158513	1268.281501	12.84602921
2036	8	1291.832444	1317.268201	1266.396687	12.844641
2036	9	1293.4395	1318.877597	1268.001403	12.84582279
2036	10	1291.589138	1317.024541	1266.153735	12.8444622
2036	11	1290.622438	1316.056434	1265.188441	12.84375209
2036	12	1288.806685	1314.238043	1263.375327	12.84241962
2037	1	1286.926291	1312.35492	1261.497661	12.84104155
2037	2	1288.527243	1313.958195	1263.096291	12.84221471
2037	3	1286.683908	1312.112186	1261.25563	12.84086406
2037	4	1285.720879	1311.147761	1260.293997	12.84015913
2037	5	1283.912022	1309.336285	1258.48776	12.8388364
2037	6	1282.03877	1307.460323	1256.617216	12.8374684
2037	7	1283.633642	1309.057501	1258.209782	12.83863299
2037	8	1281.797308	1307.218512	1256.376103	12.8372922
2037	9	1280.837936	1306.257755	1255.418117	12.83659242
2037	10	1279.035949	1304.453167	1253.61873	12.83527935
2037	11	1277.16981	1302.58434	1251.755281	12.83392135
2037	12	1278.758626	1304.175444	1253.341807	12.83507743
2038	1	1276.929265	1302.343448	1251.515082	12.83374643
2038	2	1275.973538	1301.386345	1250.56073	12.83305177
2038	3	1274.178394	1299.58862	1248.768168	12.8317483
2038	4	1272.319343	1297.726899	1246.911786	12.83040022

2038	5	1273.902124	1299.311953	1248.492295	12.83154785
2038	6	1272.079711	1297.486924	1246.672499	12.83022658
2038	7	1271.127613	1296.53346	1245.721766	12.829537
2038	8	1269.339287	1294.742572	1243.936002	12.82824305
2038	9	1267.487296	1292.887931	1242.086662	12.82690483
2038	10	1269.064066	1294.466957	1243.661175	12.82804407
2038	11	1267.248575	1292.648868	1241.848282	12.82673246
2038	12	1266.300093	1291.699031	1240.901155	12.82604792
2039	1	1264.518558	1289.914953	1239.122164	12.82476343
2039	2	1262.673601	1288.067365	1237.279838	12.82343499
2039	3	1264.244383	1289.640386	1238.84838	12.8245659
2039	4	1262.435786	1287.829211	1237.042362	12.82326389
2039	5	1261.490906	1286.882985	1236.098827	12.82258435
2039	6	1259.716138	1285.105692	1234.326584	12.82130926
2039	7	1257.878188	1283.26513	1232.491245	12.81999054
2039	8	1259.443004	1284.832169	1234.053838	12.82111318
2039	9	1257.641276	1283.027882	1232.25467	12.81982068
2039	10	1256.699984	1282.085255	1231.314714	12.81914612
2039	11	1254.931956	1280.31472	1229.549192	12.81788036
2039	12	1253.100986	1278.481158	1227.720814	12.81657128
2040	1	1254.659859	1280.042238	1229.277481	12.8176857
2040	2	1252.864974	1278.244812	1227.485137	12.81640267
2040	3	1251.927258	1277.305769	1226.548746	12.81573304
2040	4	1250.165944	1275.541968	1224.789921	12.81447654
2040	5	1248.341928	1273.715378	1222.968477	12.81317704
2040	6	1249.894881	1275.270521	1224.51924	12.81428331
2040	7	1248.106812	1273.479931	1222.733693	12.81300966
2040	8	1247.172657	1272.544459	1221.800854	12.81234494
2040	9	1245.418032	1270.787365	1220.0487	12.81109763
2040	10	1243.600943	1268.967721	1218.234165	12.80980765
2040	11	1245.147998	1270.516951	1219.779046	12.81090582
2040	12	1243.366721	1268.73317	1218.000272	12.80964149
2041	1	1242.436113	1267.801255	1217.070971	12.80898163
2041	2	1240.688152	1266.050843	1215.325462	12.80774346
2041	3	1238.877964	1264.238119	1213.51781	12.80646292
2041	4	1240.419144	1265.781457	1215.056831	12.80755305
2041	5	1238.644631	1264.004459	1213.284803	12.80629798
2041	6	1237.717558	1263.076089	1212.359027	12.80564295
2041	7	1235.976236	1261.332332	1210.620139	12.80441385
2041	8	1234.172922	1259.526502	1208.819343	12.80314268
2041	9	1235.708249	1261.063971	1210.352526	12.80422483
2041	10	1233.940475	1259.293731	1208.58722	12.80297896
2041	11	1233.016923	1258.368891	1207.664955	12.80232873
2041	12	1231.282214	1256.631766	1205.932663	12.80110862
2042	1	1229.485749	1254.832802	1204.138697	12.79984677
2042	2	1231.015245	1256.364425	1205.666065	12.80092099
2042	3	1229.254185	1254.600916	1203.907454	12.79968424

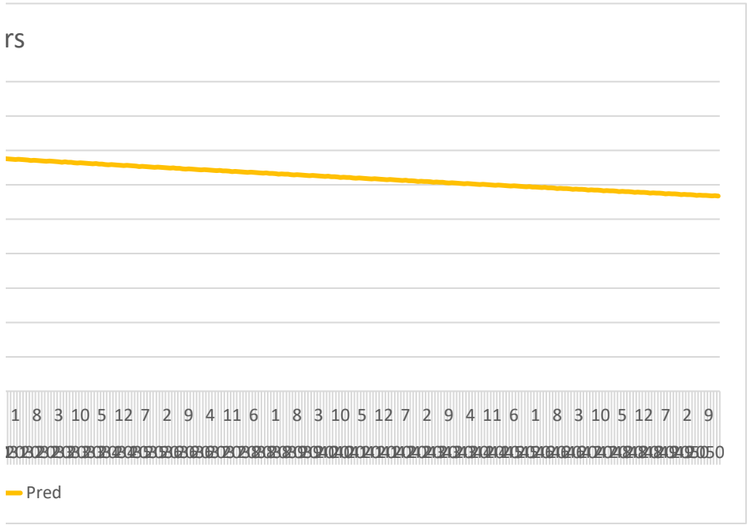
2042	4	1228.33414	1253.679593	1202.988687	12.79903878
2042	5	1226.606019	1251.949074	1201.262965	12.79782761
2042	6	1224.816377	1250.156951	1199.475804	12.796575
2042	7	1226.340064	1251.68275	1200.997379	12.79764136
2042	8	1224.585693	1249.925947	1199.245438	12.79641367
2042	9	1223.669142	1249.008127	1198.330156	12.79577293
2042	10	1221.947584	1247.284189	1196.61098	12.79457064
2042	11	1220.164739	1245.498881	1194.830597	12.79332722
2042	12	1221.682639	1247.018877	1196.3464	12.79438575
2043	1	1219.93493	1245.268756	1194.601105	12.79316706
2043	2	1219.02186	1244.354426	1193.689295	12.79253102
2043	3	1217.306841	1242.637043	1191.976639	12.79133754
2043	4	1215.530766	1240.858524	1190.203009	12.79010323
2043	5	1217.042902	1242.372741	1191.713063	12.79115401
2043	6	1215.301831	1240.629274	1189.974388	12.78994425
2043	7	1214.392228	1239.718421	1189.066036	12.78931287
2043	8	1212.683722	1238.007569	1187.359876	12.78812815
2043	9	1210.914393	1236.235814	1185.592973	12.78690289
2043	10	1212.420786	1237.744272	1187.0973	12.78794596
2043	11	1210.686327	1236.007435	1185.365219	12.78674508
2043	12	1209.780179	1235.100046	1184.460312	12.78611833
2044	1	1208.078162	1233.3957	1182.760624	12.78494229
2044	2	1206.315552	1231.630681	1181.000423	12.78372602
2044	3	1207.816224	1233.133403	1182.499044	12.78476144
2044	4	1206.088352	1231.403171	1180.773533	12.78356936
2044	5	1205.185645	1230.499233	1179.872058	12.78294721
2044	6	1203.490092	1228.801367	1178.178816	12.7817798
2044	7	1201.734176	1227.043061	1176.425292	12.78057245
2044	8	1203.229149	1228.540069	1177.918229	12.78160027
2044	9	1201.507839	1226.816416	1176.199263	12.78041694
2044	10	1200.608561	1225.915915	1175.301207	12.77979935
2044	11	1198.919447	1224.224506	1173.614388	12.77864051
2044	12	1197.1702	1222.472886	1171.867515	12.77744201
2045	1	1198.659495	1223.964201	1173.354789	12.7784623
2045	2	1196.944722	1222.247102	1171.642343	12.77728765
2045	3	1196.04886	1221.350025	1170.747694	12.77667459
2045	4	1194.36616	1219.665048	1169.067273	12.77552425
2045	5	1192.623557	1217.920089	1167.327025	12.77433456
2045	6	1194.107195	1219.405733	1168.808658	12.77534735
2045	7	1192.398936	1217.695164	1167.102707	12.77418132
2045	8	1191.506475	1216.801498	1166.211452	12.77357277
2045	9	1189.830167	1215.122929	1164.537404	12.77243087
2045	10	1188.094181	1213.384605	1162.803758	12.77124991
2045	11	1189.572185	1214.864599	1164.279771	12.77225527
2045	12	1187.870413	1213.160535	1162.580291	12.7710978
2046	1	1186.981342	1212.270268	1161.692416	12.77049371
2046	2	1185.3114	1210.598081	1160.024718	12.7693602

2046	3	1183.582007	1208.866367	1158.297647	12.76818791
2046	4	1185.054398	1210.340734	1159.768062	12.76918589
2046	5	1183.359089	1208.64315	1158.075028	12.76803692
2046	6	1182.473394	1207.756268	1157.190521	12.76743727
2046	7	1180.809794	1206.090439	1155.529149	12.76631208
2046	8	1179.08697	1204.36531	1153.808629	12.7651484
2046	9	1180.553768	1205.834071	1155.273466	12.76613905
2046	10	1178.864898	1204.142942	1153.586854	12.76499852
2046	11	1177.982567	1203.259432	1152.705702	12.76440327
2046	12	1176.325285	1201.599938	1151.050631	12.76328635
2047	1	1174.609003	1199.881369	1149.336637	12.76213122
2047	2	1176.070232	1201.344545	1150.795918	12.76311459
2047	3	1174.387775	1199.659846	1149.115704	12.76198244
2047	4	1173.508795	1198.779696	1148.237894	12.76139156
2047	5	1171.857807	1197.126513	1146.589101	12.76028285
2047	6	1170.148044	1195.414479	1144.881609	12.7591362
2047	7	1171.603723	1196.872091	1146.335354	12.76011235
2047	8	1169.927656	1195.193798	1144.661513	12.75898852
2047	9	1169.052014	1194.316995	1143.787033	12.75840199
2047	10	1167.407296	1192.670098	1142.144494	12.75730142
2047	11	1165.704026	1190.964574	1140.443478	12.7561632
2047	12	1167.154176	1192.416643	1141.89171	12.75713217
2048	1	1165.484475	1190.744732	1140.224217	12.7560166
2048	2	1164.612159	1189.871263	1139.353054	12.75543438
2048	3	1162.973687	1188.230628	1137.716746	12.7543419
2048	4	1161.276886	1186.53159	1136.022182	12.75321205
2048	5	1162.721529	1187.978137	1137.46492	12.7541739
2048	6	1161.058169	1186.312584	1135.803753	12.75306653
2048	7	1160.189165	1185.442436	1134.935894	12.75248859
2048	8	1158.556916	1183.80804	1133.305793	12.75140414
2048	9	1156.866559	1182.115462	1131.617657	12.7502826
2048	10	1158.305716	1183.556509	1133.054922	12.75123737
2048	11	1156.648673	1181.897289	1131.400056	12.75013815
2048	12	1155.78297	1181.03045	1130.535489	12.74956445
2049	1	1154.15692	1179.402269	1128.911571	12.74848798
2049	2	1152.472982	1177.716127	1127.229838	12.74737469
2049	3	1153.906673	1179.151694	1128.661652	12.74832244
2049	4	1152.255923	1177.498783	1127.013063	12.7472313
2049	5	1151.393508	1176.635241	1126.151775	12.74666183
2049	6	1149.773634	1175.01325	1124.534017	12.74559327
2049	7	1148.096091	1173.33352	1122.858663	12.74448817
2049	8	1149.524337	1174.763629	1124.285046	12.74542895
2049	9	1147.879857	1173.117003	1122.64271	12.74434583
2049	10	1147.020717	1172.256744	1121.78469	12.74378055
2049	11	1145.406994	1170.640921	1120.173068	12.74271986
2049	12	1143.735823	1168.967577	1118.504069	12.74162289
2050	1	1145.158645	1170.392248	1119.925041	12.74255675

2050	2	1143.52041	1168.751884	1118.288935	12.7414816
2050	3	1142.664533	1167.894896	1117.434169	12.74092048
2050	4	1141.056939	1166.285217	1115.828661	12.73986759
2050	5	1139.392115	1164.618236	1114.165993	12.73877869
2050	6	1140.809533	1166.03749	1115.581575	12.73970568
2050	7	1139.177519	1164.403363	1113.951675	12.73863844
2050	8	1138.324892	1163.549634	1113.100151	12.73808145
2050	9	1136.723404	1161.946076	1111.500733	12.73703631
2050	10	1135.064902	1160.285434	1109.844371	12.73595543
2050	11	1136.476937	1161.699291	1111.254584	12.73687559
2050	12	1134.851122	1160.071377	1109.630866	12.73581621

Cust_SL	Predicted
-0.37%	**-0.43%**
-0.49%	**-0.49%**
	-0.93%
	-0.91%
	-0.91%
	-0.91%
	0.25%
	3.903492
ɔendent Variable	99.62%

ged between Fall and Spring



Year	Month	Peak	CoolVar	HeatVar	BaseVar_IRP	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec	20-Feb	20-Apr	20-Dec	21-Jan	21-Mar
2010	11	5,747.00	0.80	0.20		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	12	8,801.00	0.00	3.97		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	1	8,580.00	0.00	10.32		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	2	6,692.00	1.95	3.42		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	3	5,475.00	4.65	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	4	7,358.00	9.07	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	5	7,557.00	9.57	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	6	8,344.00	12.54	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	7	8,041.00	12.33	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	8	8,296.00	12.55	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	9	7,455.00	10.16	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	10	6,451.00	5.93	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	11	5,500.00	4.97	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	12	4,893.00	0.49	1.04		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	1	7,817.00	0.74	8.93	316,375.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	2	7,631.00	3.57	6.45	315,597.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	3	5,819.00	4.27	0.00	269,889.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	4	6,584.00	6.71	0.00	264,998.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	5	7,486.00	10.52	0.00	291,823.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	6	7,781.00	9.48	0.00	289,463.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	7	7,945.00	11.42	0.00	277,889.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	8	7,989.00	11.09	0.00	271,628.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	9	7,597.00	11.00	0.00	290,476.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	10	7,128.00	8.33	0.00	290,130.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	11	5,011.00	0.21	0.00	302,867.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	12	5,882.00	1.15	3.21	314,149.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	1	5,491.00	2.29	0.49	312,891.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	2	7,220.00	3.74	4.38	307,299.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	3	7,054.00	3.00	5.04	265,478.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	4	6,497.00	7.39	0.00	265,419.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	5	7,271.00	8.80	0.00	288,359.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	6	7,816.00	10.98	0.00	289,922.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	7	7,967.00	10.79	0.00	274,447.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	8	8,205.00	11.94	0.00	274,436.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	9	7,765.00	10.54	0.00	288,386.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	10	7,092.00	8.51	0.00	288,861.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	11	6,059.00	6.01	2.37	302,800.36	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	12	5,472.00	3.77	0.00	308,219.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	1	7,684.00	2.32	7.44	319,242.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	2	6,316.00	2.70	1.27	312,816.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	3	5,012.00	1.90	0.19	272,215.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	4	7,053.00	8.02	0.00	265,301.66	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	5	7,408.00	10.20	0.00	293,772.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	6	8,026.00	13.32	0.00	292,375.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	7	7,949.00	12.89	0.00	278,883.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	8	8,412.00	12.84	0.00	278,805.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	9	7,778.00	11.34	0.00	289,700.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	10	7,278.00	8.57	0.00	296,364.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	11	6,195.00	5.51	4.52	305,944.22	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	12	5,997.00	3.50	2.13	312,721.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	1	6,380.00	3.39	4.81	333,005.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	2	8,439.00	0.00	8.67	326,771.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	3	6,132.00	6.07	0.00	286,302.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	4	6,717.00	9.69	0.00	284,359.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	5	7,716.00	10.42	0.00	306,677.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	6	8,329.00	13.20	0.00	306,804.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	7	8,135.00	12.43	0.00	283,599.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	8	8,447.00	13.04	0.00	297,115.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	9	8,162.00	11.92	0.00	306,384.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	10	7,145.00	10.27	0.00	308,094.41	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	11	7,075.00	8.61	0.00	324,755.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	12	5,941.00	4.86	0.00	334,052.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	1	7,661.00	1.96	7.41	328,667.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	2	7,263.00	3.51	3.49	324,118.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	3	6,317.00	5.50	0.00	287,560.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	4	7,331.00	7.69	0.00	281,849.54	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	5	7,637.00	9.31	0.00	310,659.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	6	8,478.00	12.90	0.00	308,859.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	7	8,780.00	14.39	0.00	295,259.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	8	8,643.00	14.36	0.00	290,403.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	9	7,865.00	12.21	0.00	307,990.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	10	7,265.00	9.48	0.00	309,187.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	11	5,925.00	4.76	0.00	319,056.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	12	5,888.00	4.55	3.96	327,982.85	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	1	6,874.00	3.91	6.40	302,872.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	2	5,822.00	1.63	3.73	306,304.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	3	6,389.00	4.23	2.93	276,809.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	4	7,873.00	9.59	0.00	272,297.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	5	8,072.00	10.71	0.00	293,187.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	6	8,294.00	11.79	0.00	292,264.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	7	8,522.00	13.22	0.00	280,881.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	8	8,453.00	13.60	0.00	278,808.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	9	8,139.00	11.69	0.00	295,182.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	10	7,704.00	11.76	0.73	297,272.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	11	5,917.00	3.42	0.48	298,981.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	12	6,501.00	1.46	4.46	302,503.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	1	9,286.00	0.00	10.50	322,975.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	2	6,200.00	5.47	0.15	319,893.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	3	5,891.00	4.27	0.12	286,109.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	4	6,272.00	5.95	0.00	279,061.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	5	7,467.00	8.89	0.00	308,897.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	6	8,142.00	12.27	0.00	310,276.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	7	8,086.00	12.03	0.00	295,180.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2018	8	8,493.00	12.65	0.00	292,327.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	9	8,385.00	13.02	0.00	308,061.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	10	8,013.00	10.96	0.00	309,681.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	11	6,754.00	6.70	3.26	311,436.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	12	6,426.00	6.01	3.59	315,826.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	1	6,708.00	0.93	4.24	312,366.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	2	6,188.00	6.31	0.70	312,947.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	3	6,084.00	3.09	2.15	280,422.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	4	6,940.00	8.04	0.00	277,810.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	5	8,566.00	13.19	0.00	307,074.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	6	8,986.00	14.84	0.00	306,350.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	7	8,610.00	14.64	0.00	287,020.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	8	8,283.00	13.98	0.00	288,087.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	9	8,597.00	15.97	0.00	306,564.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	10	7,582.00	11.33	0.00	310,065.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	11	6,146.00	7.78	0.71	307,249.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	12	5,488.00	4.20	2.07	312,046.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	
2020	1	7,795.00	4.51	7.58	322,412.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	2	5,960.00	6.07	0.74	325,972.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	
2020	3	7,177.00	8.03	0.00	289,794.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	4	7,370.00	13.50	0.00	279,557.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	
2020	5	7,811.00	11.75	0.00	304,024.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	6	8,747.00	16.03	0.00	294,865.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	7	8,477.00	15.11	0.00	293,102.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	8	8,608.00	15.56	0.00	294,428.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	9	8,624.00	14.99	0.00	306,776.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	10	7,815.00	11.98	0.00	309,616.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	11	6,662.00	8.15	0.00	313,533.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2020	12	6,663.00	1.95	9.76	318,957.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	
2021	1	6,477.00	3.04	5.62	316,535.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	
2021	2	7,629.00	5.36	6.27	313,937.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	3	6,986.00	7.69	0.00	284,053.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	
2021	4	7,277.00	8.44	0.00	282,925.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	5	8,144.00	11.86	0.00	301,298.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	6	8,345.00	13.67	0.00	307,748.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	7	8,538.00	16.00	0.00	292,514.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	8		15.48	0.00	292,019.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	9		12.94	0.00	307,849.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	10		10.42	0.01	308,558.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	11		6.34	0.57	311,425.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2021	12		3.50	5.05	315,562.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	1		0.81	12.54	315,961.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	2		2.18	8.06	312,090.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	3		4.84	2.52	282,848.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	4		8.26	0.00	279,142.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	5		11.70	0.00	306,682.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2022	6		13.95	0.00	305,120.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

2022	7	14.79	0.00	291,547.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	8	15.64	0.00	288,715.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	9	13.07	0.00	304,346.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	10	10.53	0.01	304,893.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	11	6.41	0.56	307,274.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	12	3.53	5.02	311,204.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	1	0.82	12.73	315,897.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	2	2.21	8.17	312,189.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	3	4.90	2.56	283,533.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	4	8.36	0.00	279,689.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	5	11.85	0.00	306,588.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	6	14.13	0.00	305,887.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	7	14.98	0.00	291,742.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	8	15.84	0.00	288,784.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	9	13.24	0.00	304,423.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	10	10.67	0.01	305,534.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	11	6.49	0.57	306,832.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	12	3.58	5.09	311,177.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	1	0.84	12.93	317,350.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	2	2.24	8.30	314,334.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	3	4.98	2.60	284,843.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	4	8.50	0.00	280,958.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	5	12.05	0.00	307,958.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	6	14.37	0.00	307,231.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	7	15.23	0.00	292,982.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	8	16.11	0.00	290,020.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	9	13.46	0.00	305,749.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	10	10.85	0.01	306,906.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	11	6.60	0.58	308,175.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	12	3.64	5.17	312,550.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	1	0.85	13.02	317,724.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	2	2.26	8.36	313,984.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	3	5.03	2.61	285,079.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	4	8.58	0.00	281,158.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	5	12.16	0.00	308,094.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	6	14.51	0.00	307,322.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	7	15.37	0.00	293,025.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	8	16.26	0.00	290,051.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	9	13.59	0.00	305,818.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	10	10.95	0.01	307,013.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	11	6.66	0.58	308,436.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	12	3.67	5.21	312,863.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	1	0.85	13.12	319,714.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	2	2.29	8.42	315,932.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	3	5.08	2.63	286,689.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	4	8.67	0.00	282,706.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	5	12.28	0.00	309,657.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2026	6	14.65	0.00	308,832.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	7	15.53	0.00	294,457.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	8	16.43	0.00	291,477.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	9	13.73	0.00	307,314.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	10	11.06	0.01	308,578.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	11	6.73	0.59	310,278.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	12	3.71	5.25	314,815.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	1	0.86	13.22	322,264.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	2	2.31	8.49	318,427.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	3	5.14	2.66	288,735.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	4	8.77	0.00	284,680.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	5	12.42	0.00	311,666.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	6	14.82	0.00	310,783.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	7	15.70	0.00	296,311.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	8	16.61	0.00	293,325.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	9	13.88	0.00	309,252.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	10	11.19	0.01	310,603.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	11	6.80	0.59	312,660.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	12	3.75	5.29	317,339.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	1	0.88	13.35	326,009.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	2	2.34	8.57	322,801.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	3	5.20	2.68	291,804.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	4	8.88	0.00	287,659.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	5	12.59	0.00	314,776.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	6	15.01	0.00	313,830.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	7	15.91	0.00	299,216.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	8	16.83	0.00	296,228.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	9	14.07	0.00	312,290.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	10	11.33	0.01	313,744.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	11	6.89	0.60	316,191.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	12	3.80	5.34	321,032.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	1	0.89	13.45	328,363.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	2	2.37	8.64	324,407.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	3	5.27	2.70	293,747.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	4	9.00	0.00	289,551.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	5	12.75	0.00	316,770.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	6	15.21	0.00	315,780.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	7	16.12	0.00	301,072.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	8	17.05	0.00	298,080.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	9	14.25	0.00	314,230.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	10	11.48	0.01	315,743.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	11	6.98	0.60	318,404.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	12	3.85	5.38	323,337.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	1	0.90	13.55	330,427.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	2	2.40	8.70	326,463.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	3	5.34	2.72	295,648.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	4	9.11	0.00	291,417.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2030	5	12.91	0.00	318,735.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	6	15.40	0.00	317,715.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	7	16.32	0.00	302,922.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	8	17.26	0.00	299,919.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	9	14.43	0.00	316,141.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	10	11.62	0.01	317,690.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	11	7.07	0.61	320,399.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	12	3.90	5.42	325,358.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	1	0.91	13.65	332,997.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	2	2.43	8.76	329,004.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	3	5.40	2.74	297,936.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	4	9.22	0.00	293,637.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	5	13.07	0.00	321,115.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	6	15.59	0.00	320,046.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	7	16.52	0.00	305,141.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	8	17.48	0.00	302,112.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	9	14.61	0.00	318,453.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	10	11.77	0.01	320,044.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	11	7.16	0.61	322,844.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	12	3.95	5.46	327,841.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	1	0.92	13.75	334,302.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	2	2.47	8.83	330,934.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	3	5.48	2.76	298,658.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	4	9.35	0.00	294,318.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	5	13.25	0.00	322,005.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	6	15.80	0.00	320,725.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	7	16.75	0.00	305,781.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	8	17.71	0.00	302,767.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	9	14.80	0.00	319,240.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	10	11.93	0.01	320,794.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	11	7.25	0.62	324,058.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	12	4.00	5.50	329,053.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	1	0.93	13.82	336,591.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	2	2.50	8.88	332,504.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	3	5.55	2.78	300,713.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	4	9.47	0.00	296,343.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	5	13.42	0.00	324,175.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	6	16.00	0.00	322,872.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	7	16.96	0.00	307,835.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	8	17.94	0.00	304,813.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	9	14.99	0.00	321,367.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	10	12.08	0.01	322,951.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	11	7.35	0.62	326,273.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	12	4.05	5.53	331,296.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	1	0.95	13.91	339,622.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	2	2.53	8.93	335,509.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	3	5.62	2.79	303,438.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2034	4	9.59	0.00	299,026.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	5	13.59	0.00	327,064.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	6	16.21	0.00	325,732.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	7	17.18	0.00	310,573.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	8	18.18	0.00	307,542.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	9	15.19	0.00	324,201.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	10	12.24	0.01	325,823.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	11	7.44	0.62	329,192.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	12	4.11	5.57	334,248.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	1	0.96	14.00	342,876.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	2	2.57	8.99	338,731.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	3	5.70	2.81	306,334.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	4	9.73	0.00	301,876.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	5	13.78	0.00	330,137.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	6	16.44	0.00	328,777.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	7	17.42	0.00	313,488.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	8	18.43	0.00	310,451.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	9	15.40	0.00	327,225.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	10	12.41	0.01	328,893.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	11	7.55	0.63	332,330.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	12	4.16	5.60	337,431.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	1	0.97	14.10	347,098.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	2	2.60	9.05	343,607.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	3	5.78	2.83	310,047.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	4	9.87	0.00	305,523.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	5	13.98	0.00	334,063.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	6	16.68	0.00	332,664.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	7	17.68	0.00	317,205.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	8	18.70	0.00	314,158.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	9	15.63	0.00	331,082.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	10	12.59	0.01	332,813.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	11	7.66	0.63	336,378.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2036	12	4.22	5.64	341,551.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	1	0.99	14.17	349,827.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	2	2.64	9.10	345,612.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	3	5.86	2.85	312,517.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	4	10.01	0.00	307,962.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	5	14.18	0.00	336,727.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	6	16.91	0.00	335,308.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	7	17.93	0.00	319,734.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	8	18.96	0.00	316,682.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	9	15.85	0.00	333,708.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	10	12.77	0.01	335,468.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	11	7.77	0.64	339,023.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2037	12	4.28	5.67	344,214.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	1	1.00	14.25	353,476.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	2	2.68	9.15	349,224.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2038	3	5.95	2.86	315,767.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	4	10.15	0.00	311,161.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	5	14.38	0.00	340,205.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	6	17.15	0.00	338,758.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	7	18.18	0.00	323,031.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	8	19.23	0.00	319,971.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	9	16.07	0.00	337,131.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	10	12.95	0.01	338,940.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	11	7.88	0.64	342,541.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2038	12	4.34	5.70	347,777.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	1	1.01	14.32	357,214.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	2	2.71	9.20	352,926.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	3	6.03	2.88	319,109.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	4	10.29	0.00	314,453.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	5	14.58	0.00	343,801.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	6	17.39	0.00	342,328.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	7	18.43	0.00	326,444.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	8	19.49	0.00	323,377.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	9	16.29	0.00	340,678.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	10	13.13	0.01	342,534.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	11	7.98	0.64	346,154.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2039	12	4.40	5.73	351,431.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	1	1.03	14.41	361,272.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	2	2.75	9.26	357,684.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	3	6.11	2.90	322,960.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	4	10.44	0.00	318,254.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	5	14.79	0.00	347,901.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	6	17.64	0.00	346,409.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	7	18.70	0.00	330,353.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	8	19.78	0.00	327,267.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	9	16.53	0.00	344,705.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	10	13.32	0.01	346,602.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	11	8.10	0.65	350,125.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2040	12	4.47	5.77	355,399.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	1	1.04	14.48	363,703.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	2	2.79	9.30	359,431.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	3	6.20	2.91	325,413.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	4	10.58	0.00	320,694.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	5	15.00	0.00	350,586.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	6	17.88	0.00	349,095.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	7	18.96	0.00	332,936.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	8	20.05	0.00	329,837.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	9	16.76	0.00	347,351.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	10	13.50	0.01	349,250.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	11	8.21	0.65	352,550.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2041	12	4.53	5.79	357,766.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	1	1.06	14.56	367,417.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2042	2	2.83	9.35	363,151.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	3	6.29	2.93	329,055.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	4	10.74	0.00	324,312.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	5	15.21	0.00	354,613.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	6	18.14	0.00	353,124.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	7	19.23	0.00	336,791.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	8	20.34	0.00	333,678.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	9	17.00	0.00	351,335.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	10	13.70	0.01	353,246.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	11	8.33	0.65	356,229.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2042	12	4.59	5.83	361,388.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	1	1.07	14.65	370,942.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	2	2.87	9.41	366,675.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	3	6.38	2.94	332,451.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	4	10.89	0.00	327,679.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	5	15.43	0.00	358,373.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	6	18.41	0.00	356,882.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	7	19.51	0.00	340,385.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	8	20.64	0.00	337,262.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	9	17.25	0.00	355,057.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	10	13.90	0.01	356,985.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	11	8.45	0.66	359,704.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2043	12	4.66	5.86	364,819.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	1	1.09	14.75	375,438.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	2	2.92	9.47	371,857.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	3	6.48	2.96	336,677.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	4	11.05	0.00	331,860.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	5	15.66	0.00	363,024.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	6	18.68	0.00	361,523.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	7	19.80	0.00	344,821.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	8	20.95	0.00	341,685.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	9	17.51	0.00	359,654.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	10	14.10	0.01	361,618.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	11	8.58	0.66	364,106.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2044	12	4.73	5.90	369,202.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	1	1.10	14.82	379,002.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	2	2.96	9.52	374,709.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	3	6.57	2.98	340,074.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	4	11.21	0.00	335,227.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	5	15.89	0.00	366,798.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	6	18.95	0.00	365,295.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	7	20.08	0.00	348,426.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	8	21.24	0.00	345,282.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	9	17.75	0.00	363,392.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	10	14.30	0.01	365,373.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	11	8.70	0.67	367,607.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2045	12	4.80	5.93	372,667.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2046	1	1.12	14.91	382,449.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	2	3.00	9.58	378,160.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	3	6.67	3.00	343,474.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	4	11.38	0.00	338,614.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	5	16.12	0.00	370,711.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	6	19.23	0.00	369,218.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	7	20.38	0.00	352,171.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	8	21.56	0.00	349,018.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	9	18.02	0.00	367,283.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	10	14.52	0.01	369,263.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	11	8.83	0.67	371,032.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2046	12	4.87	5.97	376,001.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	1	1.14	15.01	386,665.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	2	3.05	9.64	382,365.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	3	6.77	3.02	347,507.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	4	11.56	0.00	342,616.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	5	16.38	0.00	375,264.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	6	19.53	0.00	373,771.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	7	20.70	0.00	356,516.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	8	21.90	0.00	353,354.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	9	18.30	0.00	371,798.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	10	14.74	0.01	373,795.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	11	8.97	0.67	375,175.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2047	12	4.95	6.01	380,085.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	1	1.16	15.14	391,923.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	2	3.10	9.72	388,301.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	3	6.88	3.04	352,454.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	4	11.74	0.00	347,512.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	5	16.64	0.00	380,802.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	6	19.85	0.00	379,303.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	7	21.03	0.00	361,794.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	8	22.25	0.00	358,620.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	9	18.60	0.00	377,282.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	10	14.98	0.01	379,315.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	11	9.11	0.68	380,317.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2048	12	5.03	6.06	385,185.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	1	1.17	15.23	395,429.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	2	3.15	9.78	391,108.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	3	6.98	3.06	355,930.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	4	11.92	0.00	350,978.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	5	16.89	0.00	384,861.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	6	20.15	0.00	383,377.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	7	21.36	0.00	365,679.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	8	22.59	0.00	362,499.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	9	18.88	0.00	381,328.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	10	15.21	0.01	383,355.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2049	11	9.25	0.68	383,810.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2049	12	5.10	6.09	388,571.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	1	1.19	15.34	400,156.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	2	3.19	9.85	395,819.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	3	7.09	3.08	360,457.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	4	12.11	0.00	355,473.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	5	17.16	0.00	390,050.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	6	20.46	0.00	388,572.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	7	21.69	0.00	370,632.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	8	22.94	0.00	367,444.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	9	19.18	0.00	386,486.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	10	15.45	0.01	388,529.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	11	9.40	0.69	388,462.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	12	5.18	6.14	393,139.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
Peak	115	7,327.096	985.985	5,011.000	9,286.000	-0.339	2.140	5.7	5.65E-02	1.000		
CoolVar	115	8.410	4.402	0.000	16.034	-0.165	1.867	6.7	3.56E-02	0.679		
HeatVar	115	1.313	2.508	0.000	10.500	1.954	5.880	113.0	0.00E+00	-0.027		
BaseVar_IRP	115	299,014.126	16,469.754	264,998.602	334,052.499	-0.110	2.269	2.8	2.47E-01	-0.110		
44513	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.108		
44300	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.022		
44514	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.096		
44211	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.080		
44484	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.014		
44302	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.003		
44546	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.123		
44213	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.037		
44244	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.129		
44303	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.050		
44486	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.035		
44214	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.173		
44518	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.048		
44548	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.076		
44246	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.097		
44519	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.100		
44549	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.158		
44247	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.117		
44306	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.006		
44550	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.055		
44217	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.072		
44276	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.027		

	Peak	CoolVar	HeatVar	BaseVar_IRP	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec	20-Feb	20-Apr	20-Dec	21-Jan	21-Mar
Peak	1.000	0.679	-0.027	-0.110	-0.108	-0.022	-0.096	-0.080	-0.014	0.003	-0.123	-0.037	-0.129	0.050	0.035	0.173	-0.048	-0.076	-0.097	-0.100	-0.158	-0.117	0.006	-0.055	-0.072	-0.027
CoolVar	0.679	1.000	-0.643	-0.333	-0.042	-0.003	-0.052	-0.094	0.042	-0.009	-0.071	-0.084	-0.129	0.028	0.071	-0.161	-0.029	-0.042	-0.036	-0.007	-0.078	-0.041	0.105	-0.122	-0.101	-0.009
HeatVar	-0.027	-0.643	1.000	0.476	0.037	-0.046	0.112	0.122	-0.046	-0.046	0.092	0.178	0.084	-0.046	-0.021	0.321	0.068	0.079	-0.021	-0.021	0.026	-0.020	-0.046	0.295	0.150	-0.046
BaseVar_IRP	-0.110	-0.333	0.476	1.000	0.022	-0.193	0.040	0.194	0.052	-0.098	0.165	0.022	0.042	-0.153	-0.010	0.137	0.071	0.096	0.080	0.047	0.074	0.154	-0.111	0.114	0.100	-0.085
44513	-0.108	-0.042	0.037	0.022	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44300	-0.022	-0.003	-0.046	-0.193	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44514	-0.096	-0.052	0.112	0.040	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44211	-0.080	-0.094	0.122	0.194	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44484	-0.014	0.042	-0.046	0.052	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44302	0.003	-0.009	-0.046	-0.098	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44546	-0.123	-0.071	0.092	0.165	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44213	-0.037	-0.084	0.178	0.022	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44244	-0.129	-0.129	0.084	0.042	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44303	0.050	0.028	-0.046	-0.153	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44486	0.035	0.071	-0.021	-0.010	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44214	0.173	-0.161	0.321	0.137	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44518	-0.048	-0.029	0.068	0.071	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44548	-0.076	-0.042	0.079	0.096	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44246	-0.097	-0.036	-0.021	0.080	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44519	-0.100	-0.007	-0.021	0.047	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44549	-0.158	-0.078	0.026	0.074	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008
44247	-0.117	-0.041	-0.020	0.154	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008
44306	0.006	0.105	-0.046	-0.111	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008
44550	-0.055	-0.122	0.295	0.114	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008
44217	-0.072	-0.101	0.150	0.100	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008
44276	-0.027	-0.009	-0.046	-0.085	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
mPkEndUse_C.CoolVar	262.681	12.056	21.789	0.00%		
mPkEndUse_C.HeatVar	283.319	16.559	17.109	0.00%		
mPkEndUse_C.BaseVar_IRP	0.016	0.000	39.672	0.00%		
MBin.Nov13	-893.340	230.697	-3.872	0.02%		
MBin.Apr14	635.944	226.355	2.810	0.61%		
MBin.Nov14	-1255.277	237.951	-5.275	0.00%		
MBin.Jan15	-1361.558	234.399	-5.809	0.00%		
MBin.Oct15	-404.277	224.425	-1.801	7.51%		
MBin.Apr16	566.892	224.732	2.523	1.34%		
MBin.Dec16	-1417.220	285.029	-4.972	0.00%		
MBin.Jan17	-709.484	343.694	-2.064	4.19%		
MBin.Feb17	-524.373	287.660	-1.823	7.17%		
MBin.Apr17	732.029	229.506	3.190	0.20%		
MBin.Oct17	-542.226	231.335	-2.344	2.13%		
MBin.Jan18	1381.515	253.482	5.450	0.00%		
MBin.Nov18	-1092.693	273.228	-3.999	0.01%		
MBin.Dec18	-1428.021	274.457	-5.203	0.00%		
MBin.Feb19	-848.846	232.334	-3.654	0.04%		
MBin.Nov19	-719.183	275.141	-2.614	1.05%		
MBin.Dec19	-714.230	282.525	-2.528	1.33%		
MBin.Feb20	-961.848	241.908	-3.976	0.01%		
MBin.Apr20	-852.505	237.344	-3.592	0.05%		
MBin.Dec20	-1301.212	293.511	-4.433	0.00%		
MBin.Jan21	-495.933	276.141	-1.796	7.59%		
MBin.Mar21	403.252	235.583	1.712	9.05%		
AR(1)	0.708	0.112	6.335	0.00%		
AR(2)	-0.206	0.103	-2.000	4.86%		

Model Statistics	
Iterations	45
Adjusted Observations	115
Deg. of Freedom for Error	88
R-Squared	0.929
Adjusted R-Squared	0.907
AIC	11.609
BIC	12.254
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-803.71
Model Sum of Squares	102,909,610.67
Sum of Squared Errors	7,917,275.28
Mean Squared Error	89,969.04
Std. Error of Regression	299.95
Mean Abs. Dev. (MAD)	210.98
Mean Abs. % Err. (MAPE)	2.95%
Durbin-Watson Statistic	1.961
Durbin-H Statistic	#NA
Ljung-Box Statistic	30.11
Prob (Ljung-Box)	0.1812
Skewness	0.181
Kurtosis	2.558
Jarque-Bera	1.567
Prob (Jarque-Bera)	0.4568

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	11	5,747.000				
2010	12	8,801.000				
2011	1	8,580.000				
2011	2	6,692.000				
2011	3	5,475.000				
2011	4	7,358.000				
2011	5	7,557.000				
2011	6	8,344.000				
2011	7	8,041.000				
2011	8	8,296.000				
2011	9	7,455.000				
2011	10	6,451.000				
2011	11	5,500.000				
2011	12	4,893.000				
2012	1	7,817.000	7834.611904	-17.61190441	-0.002253026	-0.058716449
2012	2	7,631.000	7848.28866	-217.2886603	-0.028474467	-0.724420156
2012	3	5,819.000	5320.290703	498.7092973	0.085703608	1.66265035
2012	4	6,584.000	6330.67824	253.3217603	0.038475358	0.844551156
2012	5	7,486.000	7790.209003	-304.209003	-0.040637056	-1.014204484
2012	6	7,781.000	7058.555294	722.4447065	0.092847283	2.408563367
2012	7	7,945.000	7923.462593	21.53740726	0.002710813	0.07180371
2012	8	7,989.000	7495.209403	493.7905966	0.061808812	1.64625186
2012	9	7,597.000	7974.180266	-377.1802661	-0.049648581	-1.257483879
2012	10	7,128.000	6743.696022	384.3039781	0.0539147	1.281233671
2012	11	5,011.000	5122.950335	-111.9503347	-0.022340917	-0.373231989
2012	12	5,882.000	6277.894954	-395.8949539	-0.067306181	-1.319876905
2013	1	5,491.000	5494.094742	-3.094741726	-0.000563603	-0.010317581
2013	2	7,220.000	7053.951845	166.0481546	0.022998359	0.553589083
2013	3	7,054.000	6590.202417	463.7975826	0.065749586	1.546257945
2013	4	6,497.000	6610.674248	-113.6742477	-0.017496421	-0.378979355
2013	5	7,271.000	7044.614893	226.3851074	0.031135347	0.754746864
2013	6	7,816.000	7724.987037	91.01296279	0.011644443	0.303428742
2013	7	7,967.000	7380.170768	586.829232	0.073657491	1.956434006
2013	8	8,205.000	8012.267	192.733	0.023489701	0.642553872
2013	9	7,765.000	7732.062642	32.93735798	0.004241772	0.109810084
2013	10	7,092.000	7008.305374	83.69462559	0.011801273	0.279030087
2013	11	6,059.000	6313.036665	-254.036665	-0.04192716	-0.846934582
2013	12	5,472.000	5794.87961	-322.8796101	-0.059005777	-1.076450549
2014	1	7,684.000	7561.286606	122.7133938	0.015969989	0.409115026
2014	2	6,316.000	6089.94672	226.0532802	0.035790576	0.753640583
2014	3	5,012.000	5126.533856	-114.5338559	-0.022851927	-0.381845209
2014	4	7,053.000	7031.162193	21.83780671	0.003096244	0.072805214
2014	5	7,408.000	7428.777051	-20.77705051	-0.002804677	-0.069268751
2014	6	8,026.000	8203.118928	-177.1189276	-0.022068144	-0.590498009
2014	7	7,949.000	7756.775088	192.2249117	0.024182276	0.640859953
2014	8	8,412.000	7955.062521	456.9374787	0.054319719	1.523386997

2014	9	7,778.000	8026.261132	-248.2611317	-0.031918376	-0.827679491
2014	10	7,278.000	7011.681818	266.318182	0.036592221	0.887880015
2014	11	6,195.000	6557.202098	-362.2020982	-0.058466844	-1.207548062
2014	12	5,997.000	6369.729066	-372.7290656	-0.062152587	-1.242643991
2015	1	6,380.000	5904.286388	475.713612	0.074563262	1.585984877
2015	2	8,439.000	7931.369962	507.6300382	0.060152866	1.69239127
2015	3	6,132.000	6694.71058	-562.7105798	-0.091766239	-1.876024666
2015	4	6,717.000	6931.18969	-214.1896895	-0.031887701	-0.714088476
2015	5	7,716.000	7408.021333	307.9786668	0.039914291	1.026772192
2015	6	8,329.000	8528.395312	-199.3953122	-0.023939886	-0.6647654
2015	7	8,135.000	7771.832101	363.1678987	0.044642643	1.210767951
2015	8	8,447.000	8448.198267	-1.198266641	-0.000141857	-0.003994909
2015	9	8,162.000	8176.561867	-14.56186685	-0.001784105	-0.048547908
2015	10	7,145.000	7281.778195	-136.7781951	-0.019143204	-0.456005764
2015	11	7,075.000	7399.755067	-324.7550675	-0.045901776	-1.082703149
2015	12	5,941.000	6392.870631	-451.8706306	-0.076059692	-1.506494598
2016	1	7,661.000	7492.566262	168.4337381	0.021985868	0.561542396
2016	2	7,263.000	7110.233304	152.766696	0.021033553	0.509309937
2016	3	6,317.000	6227.25109	89.74891021	0.014207521	0.299214508
2016	4	7,331.000	7273.781854	57.21814605	0.007804958	0.19075997
2016	5	7,637.000	7551.460346	85.53965406	0.011200688	0.28518124
2016	6	8,478.000	8461.654819	16.34518121	0.001927952	0.054493312
2016	7	8,780.000	8583.295139	196.7048611	0.022403743	0.655795687
2016	8	8,643.000	8606.094927	36.90507266	0.004269938	0.123038075
2016	9	7,865.000	8260.425083	-395.4250829	-0.050276552	-1.318310399
2016	10	7,265.000	7220.980743	44.01925689	0.006059086	0.146756103
2016	11	5,925.000	6315.214073	-390.2140729	-0.065858915	-1.300937377
2016	12	5,888.000	5901.226238	-13.2262376	-0.002246304	-0.044095044
2017	1	6,874.000	6904.814037	-30.81403702	-0.004482694	-0.10273113
2017	2	5,822.000	5863.672742	-41.67274178	-0.007157805	-0.13893304
2017	3	6,389.000	6382.723657	6.27634333	0.000982367	0.020924744
2017	4	7,873.000	7649.543803	223.4561969	0.028382598	0.744982149
2017	5	8,072.000	7711.766627	360.2333734	0.044627524	1.200984517
2017	6	8,294.000	8140.340895	153.6591052	0.018526538	0.512285146
2017	7	8,522.000	8239.925986	282.0740135	0.033099509	0.94040849
2017	8	8,453.000	8339.899615	113.100385	0.013379911	0.37706615
2017	9	8,139.000	7998.082488	140.9175116	0.017313861	0.469805859
2017	10	7,704.000	7689.186481	14.81351877	0.001922835	0.049386892
2017	11	5,917.000	5907.246108	9.753891699	0.001648452	0.032518567
2017	12	6,501.000	6539.298829	-38.29882923	-0.005891221	-0.12768473
2018	1	9,286.000	9538.502059	-252.5020594	-0.027191693	-0.841818349
2018	2	6,200.000	6448.257243	-248.2572426	-0.040041491	-0.827666526
2018	3	5,891.000	5519.609802	371.3901983	0.06304366	1.238180332
2018	4	6,272.000	6243.305896	28.69410389	0.004574953	0.09566347
2018	5	7,467.000	7441.700441	25.29955945	0.003388183	0.084346375
2018	6	8,142.000	8295.21342	-153.2134201	-0.018817664	-0.510799273
2018	7	8,086.000	7832.11202	253.8879796	0.031398464	0.846438878

2018	8	8,493.000	8175.681973	317.3180265	0.037362301	1.057908747
2018	9	8,385.000	8680.752032	-295.7520317	-0.03527156	-0.986009729
2018	10	8,013.000	7779.423907	233.5760927	0.029149643	0.778720939
2018	11	6,754.000	6716.011868	37.98813244	0.005624538	0.126648896
2018	12	6,426.000	6334.027143	91.97285726	0.014312614	0.30662894
2019	1	6,708.000	6576.401013	131.5989872	0.019618215	0.438738767
2019	2	6,188.000	6181.96946	6.030539774	0.000974554	0.020105258
2019	3	6,084.000	5995.424377	88.57562262	0.014558781	0.295302876
2019	4	6,940.000	6665.218003	274.7819966	0.039593948	0.916097585
2019	5	8,566.000	8639.107161	-73.10716097	-0.008534574	-0.243732466
2019	6	8,986.000	8875.246258	110.7537418	0.012325144	0.36924266
2019	7	8,610.000	8550.757882	59.24211776	0.006880618	0.197507703
2019	8	8,283.000	8386.317922	-103.3179225	-0.012473491	-0.344452331
2019	9	8,597.000	9088.620621	-491.6206207	-0.057185137	-1.639017363
2019	10	7,582.000	7603.463	-21.46299991	-0.002830783	-0.071555643
2019	11	6,146.000	6315.473278	-169.4732776	-0.027574565	-0.565008124
2019	12	5,488.000	5855.499404	-367.4994044	-0.066964177	-1.225208788
2020	1	7,795.000	8235.157977	-440.1579768	-0.056466706	-1.467445701
2020	2	5,960.000	5690.043196	269.9568042	0.045294766	0.900010843
2020	3	7,177.000	6837.683347	339.3166532	0.047278341	1.13125012
2020	4	7,370.000	7513.436754	-143.4367544	-0.019462246	-0.47820478
2020	5	7,811.000	8031.325064	-220.3250638	-0.028207024	-0.734543243
2020	6	8,747.000	8808.192688	-61.19268793	-0.006995849	-0.204010722
2020	7	8,477.000	8581.339881	-104.3398813	-0.012308586	-0.347859447
2020	8	8,608.000	8728.552699	-120.5526995	-0.014004728	-0.401911473
2020	9	8,624.000	8773.175855	-149.1758546	-0.017297757	-0.497338406
2020	10	7,815.000	8004.485274	-189.4852736	-0.024246356	-0.631726254
2020	11	6,662.000	7025.681078	-363.6810781	-0.054590375	-1.212478843
2020	12	6,663.000	6810.779682	-147.7796823	-0.022179151	-0.492683697
2021	1	6,477.000	6786.900822	-309.9008217	-0.047846352	-1.033180477
2021	2	7,629.000	7976.584172	-347.584172	-0.045560909	-1.158813258
2021	3	6,986.000	6677.399331	308.6006691	0.044174158	1.028845889
2021	4	7,277.000	6896.685214	380.3147855	0.052262579	1.267934075
2021	5	8,144.000	8333.965949	-189.9659493	-0.023325878	-0.633328783
2021	6	8,345.000	8575.487341	-230.4873409	-0.027619813	-0.768423328
2021	7	8,538.000	8738.84815	-200.8481503	-0.023524028	-0.669609027
2021	8		8552.117709			
2021	9		8287.011683			
2021	10		7712.966154			
2021	11		6864.28665			
2021	12		7454.828236			
2022	1		8873.988603			
2022	2		7895.549725			
2022	3		6551.605762			
2022	4		6675.802233			
2022	5		8024.790169			
2022	6		8591.774415			

2022	7	8591.969189
2022	8	8770.780611
2022	9	8348.471435
2022	10	7693.298609
2022	11	6804.216701
2022	12	7375.390671
2023	1	8922.828011
2023	2	7936.315612
2023	3	6589.365244
2023	4	6712.834568
2023	5	8063.034413
2023	6	8651.421102
2023	7	8645.140062
2023	8	8824.799907
2023	9	8393.927834
2023	10	7739.322394
2023	11	6821.064129
2023	12	7407.502858
2024	1	9007.072121
2024	2	8017.424271
2024	3	6643.75194
2024	4	6770.467236
2024	5	8137.778231
2024	6	8735.89981
2024	7	8731.69088
2024	8	8915.114677
2024	9	8474.153113
2024	10	7808.917315
2024	11	6874.146553
2024	12	7468.42073
2025	1	9040.84137
2025	2	8033.813179
2025	3	6665.054697
2025	4	6794.728274
2025	5	8169.787496
2025	6	8772.927068
2025	7	8770.072942
2025	8	8955.497555
2025	9	8508.58095
2025	10	7837.506986
2025	11	6895.844299
2025	12	7492.749405
2026	1	9103.102959
2026	2	8089.178687
2026	3	6709.980963
2026	4	6842.479907
2026	5	8227.263346

2026	6	8835.756803
2026	7	8833.941186
2026	8	9021.612854
2026	9	8568.755302
2026	10	7891.828922
2026	11	6944.483802
2026	12	7545.168502
2027	1	9175.993726
2027	2	8154.999344
2027	3	6763.94239
2027	4	6900.081626
2027	5	8296.160026
2027	6	8910.747251
2027	7	8909.976064
2027	8	9100.217221
2027	9	8640.803035
2027	10	7957.38037
2027	11	7004.229903
2027	12	7608.610007
2028	1	9275.768132
2028	2	8256.992961
2028	3	6838.682092
2028	4	6978.725242
2028	5	8389.641308
2028	6	9011.547117
2028	7	9011.571131
2028	8	9204.931025
2028	9	8738.209214
2028	10	8047.096288
2028	11	7086.564246
2028	12	7695.82838
2029	1	9345.505466
2029	2	8309.315353
2029	3	6893.383999
2029	4	7039.223612
2029	5	8464.28507
2029	6	9093.647368
2029	7	9095.181313
2029	8	9291.580257
2029	9	8816.960094
2029	10	8117.610796
2029	11	7146.837381
2029	12	7757.384261
2030	1	9411.016512
2030	2	8369.073878
2030	3	6947.179682
2030	4	7098.755073

2030	5	8537.6614
2030	6	9174.577092
2030	7	9177.699616
2030	8	9376.976184
2030	9	8894.363533
2030	10	8186.565511
2030	11	7203.175512
2030	12	7814.307993
2031	1	9481.974543
2031	2	8435.040577
2031	3	7007.008185
2031	4	7164.572285
2031	5	8618.580888
2031	6	9262.880249
2031	7	9267.239075
2031	8	9469.197754
2031	9	8979.178493
2031	10	8262.867359
2031	11	7267.108086
2031	12	7877.85088
2032	1	9535.489115
2032	2	8493.631319
2032	3	7043.789557
2032	4	7208.432716
2032	5	8679.507936
2032	6	9329.387925
2032	7	9336.429564
2032	8	9542.020144
2032	9	9043.91804
2032	10	8316.911636
2032	11	7313.535273
2032	12	7923.16837
2033	1	9596.955801
2033	2	8540.964805
2033	3	7099.530932
2033	4	7272.276071
2033	5	8758.684779
2033	6	9416.683674
2033	7	9425.377613
2033	8	9634.074644
2033	9	9127.583048
2033	10	8391.512319
2033	11	7374.432402
2033	12	7981.292387
2034	1	9673.407819
2034	2	8613.798187
2034	3	7167.802875

2034	4	7348.732544
2034	5	8852.260885
2034	6	9518.843526
2034	7	9528.923095
2034	8	9740.901346
2034	9	9225.78824
2034	10	8480.16134
2034	11	7448.34994
2034	12	8052.838733
2035	1	9754.053323
2035	2	8690.863491
2035	3	7239.918804
2035	4	7429.58358
2035	5	8951.251569
2035	6	9626.883215
2035	7	9638.382696
2035	8	9853.862995
2035	9	9329.791068
2035	10	8574.186947
2035	11	7527.169296
2035	12	8129.001918
2036	1	9853.900507
2036	2	8797.454512
2036	3	7327.423339
2036	4	7525.898347
2036	5	9067.673475
2036	6	9752.897238
2036	7	9765.423227
2036	8	9984.625493
2036	9	9451.322047
2036	10	8685.258937
2036	11	7622.826998
2036	12	8222.751359
2037	1	9922.059198
2037	2	8852.660627
2037	3	7392.940747
2037	4	7602.00743
2037	5	9162.731041
2037	6	9857.652899
2037	7	9872.060591
2037	8	10094.97851
2037	9	9551.887518
2037	10	8775.011543
2037	11	7694.967668
2037	12	8289.66312
2038	1	10007.30642
2038	2	8935.316255

2038	3	7471.627317
2038	4	7690.638735
2038	5	9271.283921
2038	6	9975.84442
2038	7	9991.516848
2038	8	10218.13174
2038	9	9665.712868
2038	10	8878.26022
2038	11	7781.479659
2038	12	8372.107316
2039	1	10092.74364
2039	2	9018.558309
2039	3	7551.396506
2039	4	7780.481412
2039	5	9381.331708
2039	6	10095.50059
2039	7	10112.33678
2039	8	10342.64279
2039	9	9781.079178
2039	10	8983.126095
2039	11	7869.249308
2039	12	8455.398508
2040	1	10187.66984
2040	2	9122.091044
2040	3	7641.583509
2040	4	7880.88348
2040	5	9502.841173
2040	6	10227.35856
2040	7	10245.36034
2040	8	10479.40653
2040	9	9907.907172
2040	10	9098.626294
2040	11	7964.808832
2040	12	8546.389591
2041	1	10249.33996
2041	2	9172.342119
2041	3	7707.269944
2041	4	7958.403741
2041	5	9600.216045
2041	6	10335.16205
2041	7	10355.35953
2041	8	10593.13139
2041	9	10011.00183
2041	10	9190.036637
2041	11	8034.39211
2041	12	8608.403278
2042	1	10336.88679

2042	2	9258.177392
2042	3	7794.339182
2042	4	8056.955429
2042	5	9722.099078
2042	6	10468.0317
2042	7	10489.4751
2042	8	10731.18286
2042	9	10138.88313
2042	10	9305.778409
2042	11	8125.99331
2042	12	8693.510732
2043	1	10422.06796
2043	2	9341.472498
2043	3	7878.113714
2043	4	8152.439955
2043	5	9841.068738
2043	6	10598.18713
2043	7	10621.15199
2043	8	10866.95519
2043	9	10264.0893
2043	10	9418.619969
2043	11	8215.091426
2043	12	8776.188254
2044	1	10527.05459
2044	2	9454.519257
2044	3	7977.052536
2044	4	8262.685939
2044	5	9976.719974
2044	6	10745.35002
2044	7	10769.31042
2044	8	11019.33536
2044	9	10405.99068
2044	10	9547.974433
2044	11	8320.604466
2044	12	8876.535051
2045	1	10609.01432
2045	2	9524.485067
2045	3	8060.029205
2045	4	8358.077408
2045	5	10095.79304
2045	6	10875.58191
2045	7	10901.01492
2045	8	11155.14059
2045	9	10531.30448
2045	10	9660.975908
2045	11	8409.88899
2045	12	8958.187713

2046	1	10695.19676
2046	2	9608.677453
2046	3	8146.074424
2046	4	8456.970171
2046	5	10221.59296
2046	6	11013.61478
2046	7	11040.63308
2046	8	11299.20636
2046	9	10664.11451
2046	10	9780.181074
2046	11	8500.655757
2046	12	9041.412032
2047	1	10796.54998
2047	2	9707.293221
2047	3	8244.258969
2047	4	8568.166285
2047	5	10361.11985
2047	6	11165.86752
2047	7	11194.23244
2047	8	11457.46915
2047	9	10810.77855
2047	10	9912.819413
2047	11	8605.00477
2047	12	9138.777366
2048	1	10920.75011
2048	2	9838.224588
2048	3	8359.826366
2048	4	8696.349082
2048	5	10520.15045
2048	6	11338.21265
2048	7	11367.44985
2048	8	11635.57759
2048	9	10977.13351
2048	10	10064.65937
2048	11	8727.69641
2048	12	9255.93034
2049	1	11008.99295
2049	2	9913.32416
2049	3	8449.004584
2049	4	8799.481466
2049	5	10652.5127
2049	6	11483.69413
2049	7	11514.65067
2049	8	11787.56234
2049	9	11117.136
2049	10	10190.08886
2049	11	8821.90886

2049	12	9341.588604
2050	1	11120.88607
2050	2	10022.05723
2050	3	8556.950559
2050	4	8920.99772
2050	5	10805.64039
2050	6	11650.26625
2050	7	11682.26513
2050	8	11960.11404
2050	9	11277.90853
2050	10	10336.0882
2050	11	8936.381469
2050	12	9448.597945

Variable	Coefficient	Mean	Elast	Units	Definition
CoolVar	262.681	8.410	0.301		
HeatVar	283.319	1.313	0.051		
BaseVar_IRP	0.016	299,014.126	0.659		
44513	-893.340	0.009	-0.001		
44300	635.944	0.009	0.001		
44514	-1255.277	0.009	-0.001		
44211	-1361.558	0.009	-0.002		
44484	-404.277	0.009	-0.000		
44302	566.892	0.009	0.001		
44546	-1417.220	0.009	-0.002		
44213	-709.484	0.009	-0.001		
44244	-524.373	0.009	-0.001		
44303	732.029	0.009	0.001		
44486	-542.226	0.009	-0.001		
44214	1381.515	0.009	0.002		
44518	-1092.693	0.009	-0.001		
44548	-1428.021	0.009	-0.002		
44246	-848.846	0.009	-0.001		
44519	-719.183	0.009	-0.001		
44549	-714.230	0.009	-0.001		
44247	-961.848	0.009	-0.001		
44306	-852.505	0.009	-0.001		
44550	-1301.212	0.009	-0.002		
44217	-495.933	0.009	-0.001		
44276	403.252	0.009	0.000		

Year	Month	Pred	CoolVar	HeatVar	BaseVar_IRP	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec
2010	11		210.121	57.789		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2010	12		0.000	1,125.564		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	1		0.000	2,924.609		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	2		513.008	967.992		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	3		1,222.670	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	4		2,383.352	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	5		2,513.741	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	6		3,293.942	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	7		3,238.366	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	8		3,296.079	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	9		2,669.781	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	10		1,558.263	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	11		1,306.034	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	12		128.252	295.762		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	1	7,834.612	195.474	2,530.367	5,108.771	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	2	7,848.289	936.557	1,827.997	5,096.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	3	5,320.291	1,121.291	0.000	4,358.116	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	4	6,330.678	1,763.563	0.000	4,279.147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	5	7,790.209	2,764.563	0.000	4,712.314	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	6	7,058.555	2,489.610	0.000	4,674.198	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	7	7,923.463	3,000.850	0.000	4,487.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	8	7,495.209	2,912.779	0.000	4,386.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	9	7,974.180	2,889.151	0.000	4,690.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	10	6,743.696	2,188.881	0.000	4,684.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	11	5,122.950	55.850	0.000	4,890.646	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	12	6,277.895	302.878	908.949	5,072.830	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	1	5,494.095	601.292	138.826	5,052.509	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	2	7,053.952	981.745	1,240.550	4,962.210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	3	6,590.202	789.332	1,426.585	4,286.891	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	4	6,610.674	1,941.626	0.000	4,285.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	5	7,044.615	2,311.147	0.000	4,656.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	6	7,724.987	2,884.014	0.000	4,681.614	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	7	7,380.171	2,833.724	0.000	4,431.731	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	8	8,012.267	3,135.463	0.000	4,431.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	9	7,732.063	2,768.128	0.000	4,656.804	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	10	7,008.305	2,234.619	0.000	4,664.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	11	6,313.037	1,578.664	671.692	4,889.562	-893.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	12	5,794.880	990.491	0.000	4,977.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	1	7,561.287	610.002	2,108.531	5,155.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	2	6,089.947	709.821	360.856	5,051.296	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	3	5,126.534	499.093	55.190	4,395.682	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	4	7,031.162	2,107.280	0.000	4,284.040	0.000	635.944	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	5	7,428.777	2,679.572	0.000	4,743.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	6	8,203.119	3,498.084	0.000	4,721.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	7	7,756.775	3,387.175	0.000	4,503.358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	8	7,955.063	3,371.647	0.000	4,502.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2014	9	8,026.261	2,979.028	0.000	4,678.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	10	7,011.682	2,251.462	0.000	4,785.642	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	11	6,557.202	1,446.259	1,280.213	4,940.329	0.000	0.000	-1,255.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	12	6,369.729	918.330	604.729	5,049.762	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	1	5,904.286	890.150	1,361.578	5,377.308	0.000	0.000	0.000	-1,361.558	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	2	7,931.370	0.000	2,456.180	5,276.644	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	3	6,694.711	1,594.568	0.000	4,623.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	4	6,931.190	2,545.873	0.000	4,591.780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	5	7,408.021	2,736.134	0.000	4,952.163	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	6	8,528.395	3,467.733	0.000	4,954.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	7	7,771.832	3,263.882	0.000	4,579.512	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	8	8,448.198	3,424.698	0.000	4,797.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	9	8,176.562	3,130.246	0.000	4,947.445	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	10	7,281.778	2,697.629	0.000	4,975.050	0.000	0.000	0.000	0.000	-404.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	11	7,399.755	2,260.482	0.000	5,244.084	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	12	6,392.871	1,277.467	0.000	5,394.216	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	1	7,492.566	514.647	2,099.577	5,307.261	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	2	7,110.233	921.685	988.449	5,233.809	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	3	6,227.251	1,445.689	0.000	4,643.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	4	7,273.782	2,018.818	0.000	4,551.252	0.000	0.000	0.000	0.000	0.000	566.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	5	7,551.460	2,444.571	0.000	5,016.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	6	8,461.655	3,389.649	0.000	4,987.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	7	8,583.295	3,780.313	0.000	4,767.798	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	8	8,606.095	3,773.295	0.000	4,689.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	9	8,260.425	3,207.184	0.000	4,973.365	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	10	7,220.981	2,489.018	0.000	4,992.697	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	11	6,315.214	1,251.527	0.000	5,152.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	12	5,901.226	1,195.384	1,121.143	5,296.204	0.000	0.000	0.000	0.000	0.000	0.000	-1,417.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	1	6,904.814	1,028.047	1,814.570	4,890.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-709.484	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	2	5,863.673	427.363	1,057.228	4,946.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-524.373	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	3	6,382.724	1,111.145	830.534	4,469.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	4	7,649.544	2,519.070	0.000	4,397.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	732.029	0.000	0.000	0.000	0.000	0.000	0.000
2017	5	7,711.767	2,813.476	0.000	4,734.334	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	6	8,140.341	3,096.011	0.000	4,719.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	7	8,239.926	3,473.515	0.000	4,535.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	8	8,339.900	3,573.233	0.000	4,502.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	9	7,998.082	3,069.894	0.000	4,766.552	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	10	7,689.186	3,088.888	205.855	4,800.293	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-542.226	0.000	0.000	0.000	0.000	0.000
2017	11	5,907.246	897.463	137.236	4,827.895	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	12	6,539.299	384.627	1,262.575	4,884.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	1	9,538.502	0.000	2,974.797	5,215.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,381.515	0.000	0.000	0.000	0.000
2018	2	6,448.257	1,437.015	41.627	5,165.572	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	3	5,519.610	1,120.921	34.343	4,620.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	4	6,243.306	1,563.453	0.000	4,506.224	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	5	7,441.700	2,334.238	0.000	4,988.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	6	8,295.213	3,224.167	0.000	5,010.280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	7	7,832.112	3,160.948	0.000	4,766.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2018	8	8,175.682	3,323.858	0.000	4,720.449	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	9	8,680.752	3,421.118	0.000	4,974.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	10	7,779.424	2,878.894	0.000	5,000.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	11	6,716.012	1,760.405	922.567	5,029.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1,092.693	0.000	0.000	0.000	0.000
2018	12	6,334.027	1,578.042	1,016.228	5,099.901	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1,428.021	0.000	0.000	0.000
2019	1	6,576.401	244.732	1,202.203	5,044.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	2	6,181.969	1,657.862	198.804	5,053.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-848.846	0.000	0.000
2019	3	5,995.424	811.763	610.440	4,528.216	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	4	6,665.218	2,110.735	0.000	4,486.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	5	8,639.107	3,464.968	0.000	4,958.577	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	6	8,875.246	3,898.293	0.000	4,946.886	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	7	8,550.758	3,845.662	0.000	4,634.747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	8	8,386.318	3,671.606	0.000	4,651.981	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	9	9,088.621	4,193.776	0.000	4,950.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	10	7,603.463	2,975.755	0.000	5,006.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	11	6,315.473	2,043.944	200.175	4,961.406	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-719.183	0.000
2019	12	5,855.499	1,102.108	587.141	5,038.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-714.230
2020	1	8,235.158	1,183.523	2,147.644	5,206.262	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	2	5,690.043	1,595.544	209.965	5,263.740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	3	6,837.683	2,109.325	0.000	4,679.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	4	7,513.437	3,546.350	0.000	4,514.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	5	8,031.325	3,087.412	0.000	4,909.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	6	8,808.193	4,211.746	0.000	4,761.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	7	8,581.340	3,970.260	0.000	4,732.956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	8	8,728.553	4,087.743	0.000	4,754.369	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	9	8,773.176	3,938.557	0.000	4,953.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	10	8,004.485	3,146.601	0.000	4,999.629	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	11	7,025.681	2,142.051	0.000	5,062.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	12	6,810.780	512.502	2,765.238	5,150.470	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	1	6,786.901	797.237	1,590.862	5,111.351	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	2	7,976.584	1,408.364	1,776.011	5,069.402	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	3	6,677.399	2,021.199	0.000	4,586.839	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	4	6,896.685	2,217.028	0.000	4,568.626	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	5	8,333.966	3,115.397	0.000	4,865.308	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	6	8,575.487	3,591.769	0.000	4,969.456	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	7	8,738.848	4,202.240	0.000	4,723.472	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	8	8,552.118	4,066.653	0.000	4,715.472	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	9	8,287.012	3,398.830	0.000	4,971.088	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	10	7,712.966	2,738.187	3.494	4,982.540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	11	6,864.287	1,665.573	160.736	5,028.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	12	7,454.828	918.596	1,431.798	5,095.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	1	8,873.989	213.642	3,553.918	5,102.084	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	2	7,895.550	572.100	2,282.612	5,039.575	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	3	6,551.606	1,270.351	713.879	4,567.378	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	4	6,675.802	2,168.532	0.000	4,507.532	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	5	8,024.790	3,072.729	0.000	4,952.247	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	6	8,591.774	3,664.822	0.000	4,927.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2022	7	8,591.969	3,884.126	0.000	4,707.859	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	8	8,770.781	4,108.649	0.000	4,662.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	9	8,348.471	3,433.930	0.000	4,914.535	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	10	7,693.299	2,766.465	3.470	4,923.360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	11	6,804.217	1,682.773	159.640	4,961.802	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	12	7,375.391	928.082	1,422.036	5,025.272	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	1	8,922.828	216.393	3,605.382	5,101.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	2	7,936.316	579.468	2,315.666	5,041.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	3	6,589.365	1,286.710	724.216	4,578.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	4	6,712.835	2,196.458	0.000	4,516.377	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	5	8,063.034	3,112.298	0.000	4,950.737	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	6	8,651.421	3,712.016	0.000	4,939.405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	7	8,645.140	3,934.144	0.000	4,710.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	8	8,824.800	4,161.558	0.000	4,663.242	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	9	8,393.928	3,478.150	0.000	4,915.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	10	7,739.322	2,802.089	3.521	4,933.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	11	6,821.064	1,704.443	161.952	4,954.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	12	7,407.503	940.033	1,442.629	5,024.841	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	1	9,007.072	220.052	3,662.498	5,124.522	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	2	8,017.424	589.266	2,352.350	5,075.808	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	3	6,643.752	1,308.467	735.689	4,599.595	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	4	6,770.467	2,233.597	0.000	4,536.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	5	8,137.778	3,164.923	0.000	4,972.855	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	6	8,735.900	3,774.782	0.000	4,961.118	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	7	8,731.691	4,000.666	0.000	4,731.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	8	8,915.115	4,231.925	0.000	4,683.189	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	9	8,474.153	3,536.962	0.000	4,937.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	10	7,808.917	2,849.470	3.576	4,955.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	11	6,874.147	1,733.263	164.518	4,976.366	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	12	7,468.421	955.928	1,465.482	5,047.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	1	9,040.841	222.125	3,688.160	5,130.556	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	2	8,033.813	594.817	2,368.832	5,070.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	3	6,665.055	1,320.794	740.844	4,603.416	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	4	6,794.728	2,254.640	0.000	4,540.088	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	5	8,169.787	3,194.740	0.000	4,975.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	6	8,772.927	3,810.344	0.000	4,962.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	7	8,770.073	4,038.356	0.000	4,731.717	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	8	8,955.498	4,271.795	0.000	4,683.703	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	9	8,508.581	3,570.284	0.000	4,938.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	10	7,837.507	2,876.315	3.602	4,957.591	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	11	6,895.844	1,749.593	165.670	4,980.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	12	7,492.749	964.934	1,475.751	5,052.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	1	9,103.103	224.366	3,716.053	5,162.684	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	2	8,089.179	600.819	2,386.747	5,101.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	3	6,709.981	1,334.121	746.447	4,629.413	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	4	6,842.480	2,277.389	0.000	4,565.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	5	8,227.263	3,226.975	0.000	5,000.289	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2026	6	8,835.757	3,848.790	0.000	4,986.967	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	7	8,833.941	4,079.103	0.000	4,754.839	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	8	9,021.613	4,314.896	0.000	4,706.716	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	9	8,568.755	3,606.307	0.000	4,962.448	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	10	7,891.829	2,905.336	3.629	4,982.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	11	6,944.484	1,767.246	166.923	5,010.315	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	12	7,545.169	974.670	1,486.911	5,083.587	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	1	9,175.994	226.901	3,745.226	5,203.867	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	2	8,154.999	607.607	2,405.485	5,141.908	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	3	6,763.942	1,349.194	752.307	4,662.442	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	4	6,900.082	2,303.118	0.000	4,596.963	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	5	8,296.160	3,263.432	0.000	5,032.728	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	6	8,910.747	3,892.273	0.000	5,018.474	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	7	8,909.976	4,125.187	0.000	4,784.789	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	8	9,100.217	4,363.645	0.000	4,736.572	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	9	8,640.803	3,647.051	0.000	4,993.753	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	10	7,957.380	2,938.160	3.657	5,015.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	11	7,004.230	1,787.212	168.234	5,048.785	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	12	7,608.610	985.682	1,498.585	5,124.344	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	1	9,275.768	229.909	3,781.523	5,264.336	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	2	8,256.993	615.662	2,428.797	5,212.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	3	6,838.682	1,367.080	759.598	4,712.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	4	6,978.725	2,333.651	0.000	4,645.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	5	8,389.641	3,306.696	0.000	5,082.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	6	9,011.547	3,943.873	0.000	5,067.674	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	7	9,011.571	4,179.875	0.000	4,831.696	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	8	9,204.931	4,421.494	0.000	4,783.437	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	9	8,738.209	3,695.399	0.000	5,042.810	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	10	8,047.096	2,977.111	3.693	5,066.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	11	7,086.564	1,810.905	169.864	5,105.795	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	12	7,695.828	998.749	1,513.108	5,183.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	1	9,345.505	232.860	3,810.296	5,302.349	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	2	8,309.315	623.563	2,447.278	5,238.474	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	3	6,893.384	1,384.624	765.378	4,743.382	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	4	7,039.224	2,363.600	0.000	4,675.624	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	5	8,464.285	3,349.132	0.000	5,115.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	6	9,093.647	3,994.486	0.000	5,099.161	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	7	9,095.181	4,233.517	0.000	4,861.664	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	8	9,291.580	4,478.237	0.000	4,813.343	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	9	8,816.960	3,742.824	0.000	5,074.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	10	8,117.611	3,015.318	3.721	5,098.572	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	11	7,146.837	1,834.145	171.157	5,141.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	12	7,757.384	1,011.566	1,524.621	5,221.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	1	9,411.017	235.756	3,839.582	5,335.679	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	2	8,369.074	631.318	2,466.088	5,271.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	3	6,947.180	1,401.843	771.260	4,774.076	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	4	7,098.755	2,392.993	0.000	4,705.762	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2030	5	8,537.661	3,390.782	0.000	5,146.880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	6	9,174.577	4,044.162	0.000	5,130.415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	7	9,177.700	4,286.165	0.000	4,891.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	8	9,376.976	4,533.928	0.000	4,843.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	9	8,894.364	3,789.370	0.000	5,104.994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	10	8,186.566	3,052.816	3.749	5,130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	11	7,203.176	1,856.954	172.472	5,173.749	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	12	7,814.308	1,024.146	1,536.339	5,253.822	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	1	9,481.975	238.710	3,866.093	5,377.172	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	2	8,435.041	639.228	2,483.115	5,312.698	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	3	7,007.008	1,419.408	776.586	4,811.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	4	7,164.572	2,422.977	0.000	4,741.596	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	5	8,618.581	3,433.267	0.000	5,185.314	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	6	9,262.880	4,094.833	0.000	5,168.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	7	9,267.239	4,339.869	0.000	4,927.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	8	9,469.198	4,590.737	0.000	4,878.461	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	9	8,979.178	3,836.849	0.000	5,142.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	10	8,262.867	3,091.067	3.775	5,168.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	11	7,267.108	1,880.221	173.663	5,213.224	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	12	7,877.851	1,036.978	1,546.947	5,293.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	1	9,535.489	241.947	3,895.285	5,398.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	2	8,493.631	647.897	2,501.865	5,343.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	3	7,043.790	1,438.657	782.449	4,822.683	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	4	7,208.433	2,455.836	0.000	4,752.596	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	5	8,679.508	3,479.828	0.000	5,199.680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	6	9,329.388	4,150.366	0.000	5,179.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	7	9,336.430	4,398.725	0.000	4,937.704	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	8	9,542.020	4,652.995	0.000	4,889.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	9	9,043.918	3,888.883	0.000	5,155.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	10	8,316.912	3,132.987	3.804	5,180.121	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	11	7,313.535	1,905.720	174.974	5,232.841	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	12	7,923.168	1,051.041	1,558.628	5,313.499	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	1	9,596.956	245.016	3,916.720	5,435.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	2	8,540.965	656.114	2,515.632	5,369.219	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	3	7,099.531	1,456.904	786.755	4,855.872	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	4	7,272.276	2,486.984	0.000	4,785.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	5	8,758.685	3,523.962	0.000	5,234.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	6	9,416.684	4,203.005	0.000	5,213.678	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	7	9,425.378	4,454.514	0.000	4,970.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	8	9,634.075	4,712.009	0.000	4,922.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	9	9,127.583	3,938.206	0.000	5,189.377	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	10	8,391.512	3,172.723	3.825	5,214.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	11	7,374.432	1,929.890	175.937	5,268.605	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	12	7,981.292	1,064.372	1,567.205	5,349.716	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	1	9,673.408	248.278	3,940.976	5,484.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	2	8,613.798	664.851	2,531.211	5,417.736	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	3	7,167.803	1,476.305	791.628	4,899.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2034	4	7,348.733	2,520.102	0.000	4,828.630	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	5	8,852.261	3,570.891	0.000	5,281.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	6	9,518.844	4,258.976	0.000	5,259.867	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	7	9,528.923	4,513.834	0.000	5,015.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	8	9,740.901	4,774.758	0.000	4,966.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	9	9,225.788	3,990.651	0.000	5,235.138	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	10	8,480.161	3,214.973	3.848	5,261.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	11	7,448.350	1,955.590	177.027	5,315.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	12	8,052.839	1,078.546	1,576.911	5,397.382	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	1	9,754.053	251.710	3,965.634	5,536.709	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	2	8,690.863	674.041	2,547.049	5,469.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	3	7,239.919	1,496.711	796.581	4,946.628	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	4	7,429.584	2,554.935	0.000	4,874.649	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	5	8,951.252	3,620.247	0.000	5,331.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	6	9,626.883	4,317.843	0.000	5,309.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	7	9,638.383	4,576.224	0.000	5,062.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	8	9,853.863	4,840.754	0.000	5,013.109	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	9	9,329.791	4,045.809	0.000	5,283.982	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	10	8,574.187	3,259.410	3.872	5,310.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	11	7,527.169	1,982.620	178.134	5,366.415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	12	8,129.002	1,093.453	1,586.777	5,448.772	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	1	9,853.901	255.397	3,993.623	5,604.881	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	2	8,797.455	683.914	2,565.025	5,548.515	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	3	7,327.423	1,518.634	802.203	5,006.586	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	4	7,525.898	2,592.359	0.000	4,933.539	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	5	9,067.673	3,673.276	0.000	5,394.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	6	9,752.897	4,381.090	0.000	5,371.807	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	7	9,765.423	4,643.255	0.000	5,122.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	8	9,984.625	4,911.660	0.000	5,072.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	9	9,451.322	4,105.071	0.000	5,346.251	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	10	8,685.259	3,307.154	3.900	5,374.206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	11	7,622.827	2,011.661	179.392	5,431.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	12	8,222.751	1,109.470	1,597.976	5,515.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	1	9,922.059	259.016	4,014.098	5,648.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	2	8,852.661	693.604	2,578.176	5,580.881	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	3	7,392.941	1,540.150	806.316	5,046.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	4	7,602.007	2,629.088	0.000	4,972.920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	5	9,162.731	3,725.319	0.000	5,437.412	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	6	9,857.653	4,443.162	0.000	5,414.491	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	7	9,872.061	4,709.041	0.000	5,163.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	8	10,094.979	4,981.249	0.000	5,113.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	9	9,551.888	4,163.232	0.000	5,388.656	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	10	8,775.012	3,354.009	3.920	5,417.082	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	11	7,694.968	2,040.163	180.311	5,474.494	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	12	8,289.663	1,125.189	1,606.169	5,558.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	1	10,007.306	262.658	4,036.776	5,707.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	2	8,935.316	703.358	2,592.741	5,639.217	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2038	3	7,471.627	1,561.808	810.871	5,098.948	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	4	7,690.639	2,666.059	0.000	5,024.580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	5	9,271.284	3,777.705	0.000	5,493.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	6	9,975.844	4,505.643	0.000	5,470.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	7	9,991.517	4,775.262	0.000	5,216.255	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	8	10,218.132	5,051.297	0.000	5,166.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	9	9,665.713	4,221.777	0.000	5,443.936	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	10	8,878.260	3,401.175	3.942	5,473.143	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	11	7,781.480	2,068.852	181.330	5,531.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	12	8,372.107	1,141.012	1,615.243	5,615.852	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	1	10,092.744	266.272	4,058.241	5,768.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	2	9,018.558	713.036	2,606.528	5,698.994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	3	7,551.397	1,583.300	815.183	5,152.914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	4	7,780.481	2,702.746	0.000	5,077.735	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	5	9,381.332	3,829.690	0.000	5,551.642	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	6	10,095.501	4,567.645	0.000	5,527.856	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	7	10,112.337	4,840.973	0.000	5,271.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	8	10,342.643	5,120.807	0.000	5,221.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	9	9,781.079	4,279.872	0.000	5,501.207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	10	8,983.126	3,447.978	3.963	5,531.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	11	7,869.249	2,097.321	182.294	5,589.634	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	12	8,455.399	1,156.713	1,623.832	5,674.853	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	1	10,187.670	270.117	4,083.798	5,833.754	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	2	9,122.091	723.333	2,622.943	5,775.815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	3	7,641.584	1,606.163	820.316	5,215.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	4	7,880.883	2,741.774	0.000	5,139.109	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	5	9,502.841	3,884.991	0.000	5,617.850	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	6	10,227.359	4,633.602	0.000	5,593.756	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	7	10,245.360	4,910.878	0.000	5,334.483	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	8	10,479.407	5,194.753	0.000	5,284.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	9	9,907.907	4,341.674	0.000	5,566.233	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	10	9,098.626	3,497.767	3.988	5,596.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	11	7,964.809	2,127.607	183.442	5,653.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	12	8,546.390	1,173.416	1,634.058	5,738.915	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	1	10,249.340	273.873	4,102.457	5,873.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	2	9,172.342	733.390	2,634.927	5,804.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	3	7,707.270	1,628.495	824.064	5,254.710	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	4	7,958.404	2,779.896	0.000	5,178.508	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	5	9,600.216	3,939.008	0.000	5,661.208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	6	10,335.162	4,698.028	0.000	5,637.134	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	7	10,355.360	4,979.159	0.000	5,376.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	8	10,593.131	5,266.980	0.000	5,326.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	9	10,011.002	4,402.041	0.000	5,608.961	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	10	9,190.037	3,546.400	4.006	5,639.630	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	11	8,034.392	2,157.189	184.280	5,692.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	12	8,608.403	1,189.732	1,641.524	5,777.148	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	1	10,336.887	277.826	4,126.081	5,932.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2042	2	9,258.177	743.976	2,650.100	5,864.101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	3	7,794.339	1,652.002	828.810	5,313.527	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	4	8,056.955	2,820.023	0.000	5,236.933	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	5	9,722.099	3,995.866	0.000	5,726.233	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	6	10,468.032	4,765.842	0.000	5,702.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	7	10,489.475	5,051.031	0.000	5,438.444	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	8	10,731.183	5,343.007	0.000	5,388.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	9	10,138.883	4,465.583	0.000	5,673.301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	10	9,305.778	3,597.591	4.029	5,704.158	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	11	8,125.993	2,188.328	185.341	5,752.324	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	12	8,693.511	1,206.905	1,650.977	5,835.629	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	1	10,422.068	281.877	4,150.276	5,989.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	2	9,341.472	754.822	2,665.640	5,921.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	3	7,878.114	1,676.086	833.670	5,368.358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	4	8,152.440	2,861.134	0.000	5,291.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	5	9,841.069	4,054.120	0.000	5,786.949	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	6	10,598.187	4,835.320	0.000	5,762.867	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	7	10,621.152	5,124.667	0.000	5,496.485	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	8	10,866.955	5,420.900	0.000	5,446.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	9	10,264.089	4,530.683	0.000	5,733.406	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	10	9,418.620	3,650.038	4.053	5,764.529	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	11	8,215.091	2,220.230	186.428	5,808.433	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	12	8,776.188	1,224.500	1,660.658	5,891.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	1	10,527.055	286.086	4,178.452	6,062.516	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	2	9,454.519	766.096	2,683.737	6,004.686	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	3	7,977.053	1,701.119	839.330	5,436.604	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	4	8,262.686	2,903.866	0.000	5,358.820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	5	9,976.720	4,114.669	0.000	5,862.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	6	10,745.350	4,907.537	0.000	5,837.813	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	7	10,769.310	5,201.206	0.000	5,568.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	8	11,019.335	5,501.863	0.000	5,517.473	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	9	10,405.991	4,598.351	0.000	5,807.640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	10	9,547.974	3,704.553	4.080	5,839.341	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	11	8,320.604	2,253.390	187.694	5,879.521	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	12	8,876.535	1,242.788	1,671.932	5,961.815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	1	10,609.014	290.128	4,198.824	6,120.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	2	9,524.485	776.919	2,696.822	6,050.745	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	3	8,060.029	1,725.151	843.422	5,491.457	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	4	8,358.077	2,944.890	0.000	5,413.187	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	5	10,095.793	4,172.798	0.000	5,922.995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	6	10,875.582	4,976.868	0.000	5,898.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	7	10,901.015	5,274.684	0.000	5,626.330	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	8	11,155.141	5,579.589	0.000	5,575.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	9	10,531.304	4,663.313	0.000	5,867.991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	10	9,660.976	3,756.888	4.100	5,899.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	11	8,409.889	2,285.224	188.609	5,936.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	12	8,958.188	1,260.345	1,680.084	6,017.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2046	1	10,695.197	294.482	4,224.999	6,175.716	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	2	9,608.677	788.577	2,713.634	6,106.467	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	3	8,146.074	1,751.038	848.680	5,546.357	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	4	8,456.970	2,989.081	0.000	5,467.889	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	5	10,221.593	4,235.415	0.000	5,986.178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	6	11,013.615	5,051.550	0.000	5,962.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	7	11,040.633	5,353.836	0.000	5,686.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	8	11,299.206	5,663.316	0.000	5,635.890	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	9	10,664.115	4,733.290	0.000	5,930.824	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	10	9,780.181	3,813.264	4.126	5,962.792	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	11	8,500.656	2,319.516	189.785	5,991.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	12	9,041.412	1,279.258	1,690.557	6,071.597	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	1	10,796.550	299.071	4,253.686	6,243.793	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	2	9,707.293	800.866	2,732.059	6,174.369	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	3	8,244.259	1,778.326	854.442	5,611.491	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	4	8,568.166	3,035.661	0.000	5,532.505	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	5	10,361.120	4,301.418	0.000	6,059.702	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	6	11,165.868	5,130.271	0.000	6,035.596	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	7	11,194.232	5,437.268	0.000	5,756.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	8	11,457.469	5,751.570	0.000	5,705.899	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	9	10,810.779	4,807.052	0.000	6,003.727	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	10	9,912.819	3,872.688	4.154	6,035.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	11	8,605.005	2,355.662	191.073	6,058.269	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	12	9,138.777	1,299.193	1,702.036	6,137.549	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	1	10,920.750	303.910	4,288.126	6,328.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	2	9,838.225	813.826	2,754.179	6,270.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	3	8,359.826	1,807.103	861.360	5,691.364	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	4	8,696.349	3,084.785	0.000	5,611.564	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	5	10,520.150	4,371.024	0.000	6,149.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	6	11,338.213	5,213.290	0.000	6,124.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	7	11,367.450	5,525.255	0.000	5,842.195	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	8	11,635.578	5,844.644	0.000	5,790.934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	9	10,977.134	4,884.841	0.000	6,092.293	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	10	10,064.659	3,935.357	4.187	6,125.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	11	8,727.696	2,393.782	192.620	6,141.294	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	12	9,255.930	1,320.217	1,715.816	6,219.897	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	1	11,008.993	308.556	4,315.111	6,385.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	2	9,913.324	826.267	2,771.511	6,315.547	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	3	8,449.005	1,834.729	866.780	5,747.495	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	4	8,799.481	3,131.944	0.000	5,667.538	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	5	10,652.513	4,437.847	0.000	6,214.666	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	6	11,483.694	5,292.989	0.000	6,190.705	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	7	11,514.651	5,609.723	0.000	5,904.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	8	11,787.562	5,933.994	0.000	5,853.568	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	9	11,117.136	4,959.518	0.000	6,157.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	10	10,190.089	3,995.519	4.214	6,190.356	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	11	8,821.909	2,430.377	193.833	6,197.699	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2049	12	9,341.589	1,340.400	1,726.614	6,274.575	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	1	11,120.886	313.377	4,345.862	6,461.647	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	2	10,022.057	839.175	2,791.262	6,391.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	3	8,556.951	1,863.392	872.957	5,820.601	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	4	8,920.998	3,180.872	0.000	5,740.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	5	10,805.640	4,507.176	0.000	6,298.465	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	6	11,650.266	5,375.677	0.000	6,274.589	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	7	11,682.265	5,697.359	0.000	5,984.906	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	8	11,960.114	6,026.696	0.000	5,933.418	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	9	11,277.909	5,036.997	0.000	6,240.912	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	10	10,336.088	4,057.937	4.244	6,273.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	11	8,936.381	2,468.345	195.214	6,272.822	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	12	9,448.598	1,361.340	1,738.918	6,348.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

20-Feb	20-Apr	20-Dec	21-Jan	21-Mar	ARMA	X-Missing
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000		1.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-12.475	0.000
0.000	0.000	0.000	0.000	0.000	-159.117	0.000
0.000	0.000	0.000	0.000	0.000	287.968	0.000
0.000	0.000	0.000	0.000	0.000	313.332	0.000
0.000	0.000	0.000	0.000	0.000	-105.252	0.000
0.000	0.000	0.000	0.000	0.000	435.301	0.000
0.000	0.000	0.000	0.000	0.000	196.219	0.000
0.000	0.000	0.000	0.000	0.000	394.479	0.000
0.000	0.000	0.000	0.000	0.000	-130.155	0.000
0.000	0.000	0.000	0.000	0.000	176.455	0.000
0.000	0.000	0.000	0.000	0.000	-6.762	0.000
0.000	0.000	0.000	0.000	0.000	-298.532	0.000
0.000	0.000	0.000	0.000	0.000	-130.553	0.000
0.000	0.000	0.000	0.000	0.000	87.395	0.000
0.000	0.000	0.000	0.000	0.000	383.108	0.000
0.000	0.000	0.000	0.000	0.000	77.093	0.000
0.000	0.000	0.000	0.000	0.000	159.360	0.000
0.000	0.000	0.000	0.000	0.000	114.716	0.000
0.000	0.000	0.000	0.000	0.000	445.262	0.000
0.000	0.000	0.000	0.000	0.000	307.130	0.000
0.000	0.000	0.000	0.000	0.000	109.212	0.000
0.000	0.000	0.000	0.000	0.000	66.459	0.000
0.000	0.000	0.000	0.000	0.000	-172.683	0.000
0.000	0.000	0.000	0.000	0.000	-312.315	0.000
0.000	0.000	0.000	0.000	0.000	-32.026	0.000
0.000	0.000	0.000	0.000	0.000	176.569	0.000
0.000	0.000	0.000	0.000	0.000	3.898	0.000
0.000	0.000	0.000	0.000	0.000	5.426	0.000
0.000	0.000	0.000	0.000	0.000	-16.185	0.000
0.000	0.000	0.000	0.000	0.000	-133.757	0.000
0.000	0.000	0.000	0.000	0.000	81.310	0.000

0.000	0.000	0.000	0.000	0.000	369.198	0.000
0.000	0.000	0.000	0.000	0.000	-25.422	0.000
0.000	0.000	0.000	0.000	0.000	145.677	0.000
0.000	0.000	0.000	0.000	0.000	-203.091	0.000
0.000	0.000	0.000	0.000	0.000	-363.191	0.000
0.000	0.000	0.000	0.000	0.000	198.546	0.000
0.000	0.000	0.000	0.000	0.000	476.992	0.000
0.000	0.000	0.000	0.000	0.000	-206.463	0.000
0.000	0.000	0.000	0.000	0.000	-280.276	0.000
0.000	0.000	0.000	0.000	0.000	106.440	0.000
0.000	0.000	0.000	0.000	0.000	-71.562	0.000
0.000	0.000	0.000	0.000	0.000	225.742	0.000
0.000	0.000	0.000	0.000	0.000	98.871	0.000
0.000	0.000	0.000	0.000	0.000	13.377	0.000
0.000	0.000	0.000	0.000	0.000	-104.811	0.000
0.000	0.000	0.000	0.000	0.000	-278.812	0.000
0.000	0.000	0.000	0.000	0.000	-428.918	0.000
0.000	0.000	0.000	0.000	0.000	-33.710	0.000
0.000	0.000	0.000	0.000	0.000	138.094	0.000
0.000	0.000	0.000	0.000	0.000	136.819	0.000
0.000	0.000	0.000	0.000	0.000	90.422	0.000
0.000	0.000	0.000	0.000	0.000	84.594	0.000
0.000	0.000	0.000	0.000	0.000	35.184	0.000
0.000	0.000	0.000	0.000	0.000	143.424	0.000
0.000	0.000	0.000	0.000	0.000	79.877	0.000
0.000	0.000	0.000	0.000	0.000	-260.734	0.000
0.000	0.000	0.000	0.000	0.000	-88.384	0.000
0.000	0.000	0.000	0.000	0.000	-294.285	0.000
0.000	0.000	0.000	0.000	0.000	-119.048	0.000
0.000	0.000	0.000	0.000	0.000	-42.687	0.000
0.000	0.000	0.000	0.000	0.000	-28.827	0.000
0.000	0.000	0.000	0.000	0.000	1.437	0.000
0.000	0.000	0.000	0.000	0.000	163.956	0.000
0.000	0.000	0.000	0.000	0.000	324.891	0.000
0.000	0.000	0.000	0.000	0.000	230.793	0.000
0.000	0.000	0.000	0.000	0.000	264.520	0.000
0.000	0.000	0.000	0.000	0.000	161.636	0.000
0.000	0.000	0.000	0.000	0.000	136.376	0.000
0.000	0.000	0.000	0.000	0.000	44.652	0.000
0.000	0.000	0.000	0.000	0.000	7.334	0.000
0.000	0.000	0.000	0.000	0.000	-33.162	0.000
0.000	0.000	0.000	0.000	0.000	-195.958	0.000
0.000	0.000	0.000	0.000	0.000	-255.700	0.000
0.000	0.000	0.000	0.000	0.000	173.628	0.000
0.000	0.000	0.000	0.000	0.000	119.437	0.000
0.000	0.000	0.000	0.000	0.000	60.767	0.000
0.000	0.000	0.000	0.000	0.000	-95.356	0.000

0.000	0.000	0.000	0.000	0.000	131.375	0.000
0.000	0.000	0.000	0.000	0.000	285.110	0.000
0.000	0.000	0.000	0.000	0.000	-100.142	0.000
0.000	0.000	0.000	0.000	0.000	96.713	0.000
0.000	0.000	0.000	0.000	0.000	67.876	0.000
0.000	0.000	0.000	0.000	0.000	85.427	0.000
0.000	0.000	0.000	0.000	0.000	120.739	0.000
0.000	0.000	0.000	0.000	0.000	45.005	0.000
0.000	0.000	0.000	0.000	0.000	68.458	0.000
0.000	0.000	0.000	0.000	0.000	215.562	0.000
0.000	0.000	0.000	0.000	0.000	30.067	0.000
0.000	0.000	0.000	0.000	0.000	70.349	0.000
0.000	0.000	0.000	0.000	0.000	62.731	0.000
0.000	0.000	0.000	0.000	0.000	-55.495	0.000
0.000	0.000	0.000	0.000	0.000	-379.169	0.000
0.000	0.000	0.000	0.000	0.000	-170.868	0.000
0.000	0.000	0.000	0.000	0.000	-158.394	0.000
0.000	0.000	0.000	0.000	0.000	-302.271	0.000
-961.848	0.000	0.000	0.000	0.000	-417.358	0.000
0.000	0.000	0.000	0.000	0.000	48.816	0.000
0.000	-852.505	0.000	0.000	0.000	305.353	0.000
0.000	0.000	0.000	0.000	0.000	34.587	0.000
0.000	0.000	0.000	0.000	0.000	-164.984	0.000
0.000	0.000	0.000	0.000	0.000	-121.877	0.000
0.000	0.000	0.000	0.000	0.000	-113.559	0.000
0.000	0.000	0.000	0.000	0.000	-119.144	0.000
0.000	0.000	0.000	0.000	0.000	-141.745	0.000
0.000	0.000	0.000	0.000	0.000	-179.247	0.000
0.000	0.000	-1,301.212	0.000	0.000	-316.219	0.000
0.000	0.000	0.000	-495.933	0.000	-216.617	0.000
0.000	0.000	0.000	0.000	0.000	-277.193	0.000
0.000	0.000	0.000	0.000	403.252	-333.891	0.000
0.000	0.000	0.000	0.000	0.000	111.031	0.000
0.000	0.000	0.000	0.000	0.000	353.261	0.000
0.000	0.000	0.000	0.000	0.000	14.262	0.000
0.000	0.000	0.000	0.000	0.000	-186.864	0.000
0.000	0.000	0.000	0.000	0.000	-230.007	0.000
0.000	0.000	0.000	0.000	0.000	-82.906	0.000
0.000	0.000	0.000	0.000	0.000	-11.256	0.000
0.000	0.000	0.000	0.000	0.000	9.138	0.000
0.000	0.000	0.000	0.000	0.000	8.796	0.000
0.000	0.000	0.000	0.000	0.000	4.344	0.000
0.000	0.000	0.000	0.000	0.000	1.262	0.000
0.000	0.000	0.000	0.000	0.000	-0.003	0.000
0.000	0.000	0.000	0.000	0.000	-0.262	0.000
0.000	0.000	0.000	0.000	0.000	-0.185	0.000
0.000	0.000	0.000	0.000	0.000	-0.077	0.000

0.000	0.000	0.000	0.000	0.000	-0.016	0.000
0.000	0.000	0.000	0.000	0.000	0.004	0.000
0.000	0.000	0.000	0.000	0.000	0.006	0.000
0.000	0.000	0.000	0.000	0.000	0.004	0.000
0.000	0.000	0.000	0.000	0.000	0.001	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
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0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.000	0.000

Year	Month	Actual	Pred	Upper	Lower	Sigma
2010	11	5,747.000				
2010	12	8,801.000				
2011	1	8,580.000				
2011	2	6,692.000				
2011	3	5,475.000				
2011	4	7,358.000				
2011	5	7,557.000				
2011	6	8,344.000				
2011	7	8,041.000				
2011	8	8,296.000				
2011	9	7,455.000				
2011	10	6,451.000				
2011	11	5,500.000				
2011	12	4,893.000				
2012	1	7,817.000	7834.611904	8484.837464	7184.386345	327.1949741
2012	2	7,631.000	7848.28866	8473.921296	7222.656025	314.8197591
2012	3	5,819.000	5320.290703	5931.903624	4708.677782	307.765007
2012	4	6,584.000	6330.67824	6935.946195	5725.410284	304.572206
2012	5	7,486.000	7790.209003	8398.224526	7182.19348	305.9547881
2012	6	7,781.000	7058.555294	7665.158672	6451.951915	305.2441938
2012	7	7,945.000	7923.462593	8533.619133	7313.306053	307.0321526
2012	8	7,989.000	7495.209403	8104.52237	6885.896437	306.6076647
2012	9	7,597.000	7974.180266	8583.119166	7365.241366	306.4194335
2012	10	7,128.000	6743.696022	7350.036263	6137.35578	305.1117826
2012	11	5,011.000	5122.950335	5765.720857	4480.179812	323.4435825
2012	12	5,882.000	6277.894954	6904.764893	5651.025015	315.442373
2013	1	5,491.000	5494.094742	6122.20119	4865.988294	316.064587
2013	2	7,220.000	7053.951845	7669.589034	6438.314657	309.7900275
2013	3	7,054.000	6590.202417	7205.508246	5974.896589	309.6232862
2013	4	6,497.000	6610.674248	7215.438938	6005.909557	304.3189618
2013	5	7,271.000	7044.614893	7650.811052	6438.418733	305.0392803
2013	6	7,816.000	7724.987037	8333.880597	7116.093477	306.3966183
2013	7	7,967.000	7380.170768	7988.647908	6771.693628	306.1870748
2013	8	8,205.000	8012.267	8624.196187	7400.337813	307.9241525
2013	9	7,765.000	7732.062642	8340.046351	7124.078933	305.9387794
2013	10	7,092.000	7008.305374	7614.517947	6402.092802	305.0475392
2013	11	6,059.000	6313.036665	7069.460491	5556.612839	380.6341823
2013	12	5,472.000	5794.87961	6416.108059	5173.651161	312.6035624
2014	1	7,684.000	7561.286606	8196.222422	6926.350791	319.5011402
2014	2	6,316.000	6089.94672	6712.265015	5467.628424	313.1519755
2014	3	5,012.000	5126.533856	5748.598641	4504.469071	313.0244086
2014	4	7,053.000	7031.162193	7783.203813	6279.120574	378.4290461
2014	5	7,408.000	7428.777051	8036.335439	6821.218662	305.7247572
2014	6	8,026.000	8203.118928	8819.573174	7586.664681	310.2011729
2014	7	7,949.000	7756.775088	8372.22731	7141.322867	309.6969517
2014	8	8,412.000	7955.062521	8570.267652	7339.857391	309.5726148

2014	9	7,778.000	8026.261132	8636.01886	7416.503404	306.8314695
2014	10	7,278.000	7011.681818	7618.448269	6404.915367	305.3262523
2014	11	6,195.000	6557.202098	7314.554701	5799.849496	381.1015448
2014	12	5,997.000	6369.729066	6985.966086	5753.492045	310.0918644
2015	1	6,380.000	5904.286388	6689.226178	5119.346598	394.9834797
2015	2	8,439.000	7931.369962	8583.462399	7279.277525	328.1343911
2015	3	6,132.000	6694.71058	7303.577894	6085.843266	306.3834113
2015	4	6,717.000	6931.18969	7537.803151	6324.576228	305.2492674
2015	5	7,716.000	7408.021333	8016.291071	6799.751595	306.0827096
2015	6	8,329.000	8528.395312	9143.668145	7913.12248	309.6066826
2015	7	8,135.000	7771.832101	8385.155704	7158.508499	308.6258257
2015	8	8,447.000	8448.198267	9063.25712	7833.139413	309.4990081
2015	9	8,162.000	8176.561867	8787.713841	7565.409893	307.5330572
2015	10	7,145.000	7281.778195	8033.875369	6529.681022	378.4570008
2015	11	7,075.000	7399.755067	8009.138205	6790.37193	306.6429746
2015	12	5,941.000	6392.870631	7014.480899	5771.260362	312.7956947
2016	1	7,661.000	7492.566262	8129.349525	6855.782999	320.43078
2016	2	7,263.000	7110.233304	7727.650566	6492.816042	310.6857646
2016	3	6,317.000	6227.25109	6837.770243	5616.731936	307.2146205
2016	4	7,331.000	7273.781854	8026.136406	6521.427302	378.5865146
2016	5	7,637.000	7551.460346	8159.242084	6943.678608	305.8371467
2016	6	8,478.000	8461.654819	9075.775462	7847.534176	309.0268984
2016	7	8,780.000	8583.295139	9204.63421	7961.956068	312.6592274
2016	8	8,643.000	8606.094927	9227.716207	7984.473647	312.8012357
2016	9	7,865.000	8260.425083	8872.366772	7648.483393	307.930444
2016	10	7,265.000	7220.980743	7828.686617	6613.274869	305.798972
2016	11	5,925.000	6315.214073	6934.094807	5696.333339	311.422187
2016	12	5,888.000	5901.226238	6726.583876	5075.868599	415.3218328
2017	1	6,874.000	6904.814037	7804.607555	6005.020519	452.7781359
2017	2	5,822.000	5863.672742	6689.471344	5037.87414	415.5437265
2017	3	6,389.000	6382.723657	6991.047167	5774.400146	306.1097681
2017	4	7,873.000	7649.543803	8403.095006	6895.9926	379.1886717
2017	5	8,072.000	7711.766627	8320.140719	7103.392534	306.1352209
2017	6	8,294.000	8140.340895	8751.284801	7529.396988	307.4283573
2017	7	8,522.000	8239.925986	8856.696965	7623.155008	310.3605529
2017	8	8,453.000	8339.899615	8958.618528	7721.180702	311.3407581
2017	9	8,139.000	7998.082488	8608.706932	7387.458045	307.267603
2017	10	7,704.000	7689.186481	8441.733436	6936.639526	378.6833319
2017	11	5,917.000	5907.246108	6525.962034	5288.530183	311.3392549
2017	12	6,501.000	6539.298829	7162.571359	5916.0263	313.6321484
2018	1	9,286.000	9538.502059	10294.23402	8782.770098	380.2860346
2018	2	6,200.000	6448.257243	7063.783369	5832.731117	309.7341406
2018	3	5,891.000	5519.609802	6133.597257	4905.622347	308.9598778
2018	4	6,272.000	6243.305896	6851.46244	5635.149353	306.0257499
2018	5	7,467.000	7441.700441	8049.39376	6834.007121	305.7926547
2018	6	8,142.000	8295.21342	8907.313998	7683.112842	308.0103969
2018	7	8,086.000	7832.11202	8443.737743	7220.486298	307.7714486

2018	8	8,493.000	8175.681973	8789.486778	7561.877169	308.8679675
2018	9	8,385.000	8680.752032	9295.321698	8066.182366	309.2528477
2018	10	8,013.000	7779.423907	8388.564948	7170.282867	306.5211509
2018	11	6,754.000	6716.011868	7522.117232	5909.906503	405.6340449
2018	12	6,426.000	6334.027143	7146.900258	5521.154028	409.0395923
2019	1	6,708.000	6576.401013	7203.941111	5948.860914	315.7795987
2019	2	6,188.000	6181.96946	6946.414532	5417.524388	384.6704914
2019	3	6,084.000	5995.424377	6607.62873	5383.220025	308.0626168
2019	4	6,940.000	6665.218003	7270.698	6059.738006	304.6789056
2019	5	8,566.000	8639.107161	9254.329342	8023.88498	309.5811946
2019	6	8,986.000	8875.246258	9497.990462	8252.502054	313.3662936
2019	7	8,610.000	8550.757882	9174.200009	7927.315755	313.7174903
2019	8	8,283.000	8386.317922	9006.14485	7766.490995	311.8983134
2019	9	8,597.000	9088.620621	9717.823528	8459.417713	316.6163278
2019	10	7,582.000	7603.463	8213.279355	6993.646645	306.860971
2019	11	6,146.000	6315.473278	7124.534099	5506.412456	407.1212377
2019	12	5,488.000	5855.499404	6675.612217	5035.386592	412.6826245
2020	1	7,795.000	8235.157977	8867.901758	7602.414195	318.3981037
2020	2	5,960.000	5690.043196	6457.30356	4922.782831	386.087153
2020	3	7,177.000	6837.683347	7444.124269	6231.242425	305.1624454
2020	4	7,370.000	7513.436754	8272.925362	6753.948147	382.1763874
2020	5	7,811.000	8031.325064	8642.064944	7420.585184	307.3256906
2020	6	8,747.000	8808.192688	9439.255855	8177.129521	317.5524147
2020	7	8,477.000	8581.339881	9206.878001	7955.801761	314.7721986
2020	8	8,608.000	8728.552699	9356.644331	8100.461068	316.0571312
2020	9	8,624.000	8773.175855	9396.700999	8149.65071	313.7592648
2020	10	7,815.000	8004.485274	8615.786351	7393.184197	307.6080863
2020	11	6,662.000	7025.681078	7634.329045	6417.033111	306.2730353
2020	12	6,663.000	6810.779682	7620.640021	6000.919343	407.5235565
2021	1	6,477.000	6786.900822	7604.267125	5969.534518	411.3005748
2021	2	7,629.000	7976.584172	8599.029634	7354.13871	313.2159659
2021	3	6,986.000	6677.399331	7436.08504	5918.713622	381.7723667
2021	4	7,277.000	6896.685214	7502.485466	6290.884963	304.8400585
2021	5	8,144.000	8333.965949	8945.002318	7722.929581	307.4748842
2021	6	8,345.000	8575.487341	9192.604727	7958.369955	310.534866
2021	7	8,538.000	8738.84815	9369.975073	8107.721227	317.5844969
2021	8		8552.117709	9179.991729	7924.243689	315.9476287
2021	9		8287.011683	9032.40418	7541.619186	375.0831926
2021	10		7712.966154	8474.111978	6951.820329	383.0103025
2021	11		6864.28665	7627.67695	6100.89635	384.1397278
2021	12		7454.828236	8225.746508	6683.909965	387.92782
2022	1		8873.988603	9702.651117	8045.326088	416.984854
2022	2		7895.549725	8682.632982	7108.466469	396.0620771
2022	3		6551.605762	7313.20124	5790.010285	383.2365691
2022	4		6675.802233	7435.906427	5915.698039	382.4861518
2022	5		8024.790169	8788.926886	7260.653452	384.5153266
2022	6		8591.774415	9362.2237	7821.32513	387.691825

2022	7	8591.969189	9366.706611	7817.231767	389.8496254
2022	8	8770.780611	9549.927919	7991.633303	392.0686899
2022	9	8348.471435	9116.037341	7580.905529	386.2409021
2022	10	7693.298609	8455.631933	6930.965284	383.6078554
2022	11	6804.216701	7567.281711	6041.151691	383.9760411
2022	12	7375.390671	8145.915622	6604.865719	387.7299006
2023	1	8922.828011	9753.591262	8092.06476	418.0419492
2023	2	7936.315612	8724.110151	7148.521072	396.4199964
2023	3	6589.365244	7350.938013	5827.792476	383.2251417
2023	4	6712.834568	7472.967859	5952.701277	382.5007934
2023	5	8063.034413	8827.470764	7298.598063	384.6661027
2023	6	8651.421102	9422.492885	7880.349318	388.0050675
2023	7	8645.140062	9420.736068	7869.544056	390.2816666
2023	8	8824.799907	9605.000129	8044.599685	392.5985186
2023	9	8393.927834	9162.006907	7625.848761	386.4991291
2023	10	7739.322394	8501.826614	6976.818174	383.6938501
2023	11	6821.064129	7583.917569	6058.210688	383.8695788
2023	12	7407.502858	8178.140128	6636.865589	387.7864193
2024	1	9007.072121	9840.172452	8173.97179	419.2179732
2024	2	8017.424271	8806.139075	7228.709467	396.8830755
2024	3	6643.75194	7405.330137	5882.173744	383.2278732
2024	4	6770.467236	7530.675871	6010.258601	382.5387067
2024	5	8137.778231	8902.630785	7372.925677	384.8755374
2024	6	8735.89981	9507.808442	7963.991178	388.4261718
2024	7	8731.69088	9508.379398	7955.002362	390.8314212
2024	8	8915.114677	9696.632738	8133.596617	393.2616578
2024	9	8474.153113	9242.897746	7705.408481	386.8340399
2024	10	7808.917315	8571.675113	7046.159516	383.8214514
2024	11	6874.146553	7636.936627	6111.356479	383.8376928
2024	12	7468.42073	8239.300329	6697.541131	387.9083599
2025	1	9040.84137	9875.001212	8206.681528	419.7511217
2025	2	8033.813179	8822.861551	7244.764806	397.0509278
2025	3	6665.054697	7426.59356	5903.515835	383.2080802
2025	4	6794.728274	7554.95768	6034.498869	382.5491584
2025	5	8169.787496	8934.889381	7404.685611	385.0010012
2025	6	8772.927068	9545.363027	8000.491108	388.6915242
2025	7	8770.072942	9547.455232	7992.690653	391.1805286
2025	8	8955.497555	9737.853785	8173.141326	393.6834262
2025	9	8508.58095	9277.742109	7739.419792	387.0436368
2025	10	7837.506986	8600.402908	7074.611065	383.8909554
2025	11	6895.844299	7658.550321	6133.138277	383.7953976
2025	12	7492.749405	8263.700841	6721.797969	387.9445083
2026	1	9103.102959	9938.43531	8267.770608	420.3411308
2026	2	8089.178687	8878.73323	7299.624145	397.3056339
2026	3	6709.980963	7471.591156	5948.370769	383.2439741
2026	4	6842.479907	7602.800343	6082.159471	382.5949654
2026	5	8227.263346	8992.630558	7461.896134	385.1345143

2026	6	8835.756803	9608.688245	8062.825361	388.9408521
2026	7	8833.941186	9611.959512	8055.922861	391.5005834
2026	8	9021.612854	9804.732555	8238.493153	394.0676069
2026	9	8568.755302	9338.316961	7799.193643	387.2451697
2026	10	7891.828922	8654.905853	7128.75199	383.98204
2026	11	6944.483802	7707.263399	6181.704206	383.8324205
2026	12	7545.168502	8316.341268	6773.995736	388.0558823
2027	1	9175.993726	10012.5632	8339.424251	420.9636545
2027	2	8154.999344	8945.111117	7364.887572	397.5860332
2027	3	6763.94239	7525.651699	6002.233081	383.2938493
2027	4	6900.081626	7660.517716	6139.645535	382.6531629
2027	5	8296.160026	9061.830389	7530.489663	385.2870605
2027	6	8910.747251	9684.232749	8137.261753	389.2196542
2027	7	8909.976064	9688.702346	8131.249783	391.8568284
2027	8	9100.217221	9884.185258	8316.249184	394.4944916
2027	9	8640.803035	9410.814438	7870.791631	387.4714819
2027	10	7957.38037	8720.670225	7194.090516	384.0891832
2027	11	7004.229903	7767.125704	6241.334102	383.8908945
2027	12	7608.610007	8380.052054	6837.16796	388.191385
2028	1	9275.768132	10113.89257	8437.643694	421.7461148
2028	2	8256.992961	9047.882375	7466.103546	397.9773444
2028	3	6838.682092	7600.564242	6076.799942	383.3808233
2028	4	6978.725242	7739.331403	6218.119082	382.7387424
2028	5	8389.641308	9155.669503	7623.613112	385.4671227
2028	6	9011.547117	9785.6531	8237.441134	389.5318837
2028	7	9011.571131	9791.082479	8232.059783	392.2518757
2028	8	9204.931025	9989.836821	8420.025228	394.9663741
2028	9	8738.209214	9508.729412	7967.689016	387.7275085
2028	10	8047.096288	8810.654726	7283.537851	384.2243349
2028	11	7086.564246	7849.672731	6323.455761	383.9979178
2028	12	7695.82838	8467.661695	6923.995065	388.388272
2029	1	9345.505466	10184.86482	8506.146117	422.3675255
2029	2	8309.315353	9100.704007	7517.9267	398.2285627
2029	3	6893.383999	7655.34508	6131.422918	383.4205415
2029	4	7039.223612	7799.949871	6278.497352	382.7991765
2029	5	8464.28507	9230.683693	7697.886448	385.6535224
2029	6	9093.647368	9868.442022	8318.852713	389.8784247
2029	7	9095.181313	9875.573353	8314.789273	392.6950419
2029	8	9291.580257	10077.54035	8505.620166	395.4968978
2029	9	8816.960094	9588.037577	8045.882611	388.0079356
2029	10	8117.610796	8881.421503	7353.80009	384.3512773
2029	11	7146.837381	7910.026606	6383.648155	384.0385467
2029	12	7757.384261	8529.456791	6985.31173	388.5086458
2030	1	9411.016512	10251.63825	8570.394774	423.0027624
2030	2	8369.073878	9161.001786	7577.14597	398.4999165
2030	3	6947.179682	7709.219234	6185.140129	383.4600285
2030	4	7098.755073	7859.602739	6337.907408	382.8602683

2030	5	8537.6614	9304.431636	7770.891164	385.8405191
2030	6	9174.577092	9950.059259	8399.094926	390.2243822
2030	7	9177.699616	9958.968619	8396.430613	393.1363314
2030	8	9376.976184	10163.9859	8589.96647	396.0250699
2030	9	8894.363533	9665.998825	8122.728241	388.2886264
2030	10	8186.565511	8950.629683	7422.501338	384.4788217
2030	11	7203.175512	7966.426281	6439.924743	384.0695153
2030	12	7814.307993	8586.600353	7042.015632	388.6192645
2031	1	9481.974543	10323.75026	8640.198827	423.5834468
2031	2	8435.040577	9227.495465	7642.585689	398.7650943
2031	3	7007.008185	7769.156174	6244.860195	383.5145944
2031	4	7164.572285	7925.561208	6403.583362	382.9313496
2031	5	8618.580888	9385.731978	7851.429799	386.0321656
2031	6	9262.880249	10039.05085	8486.709651	390.5708022
2031	7	9267.239075	10049.38313	8485.095019	393.5766601
2031	8	9469.197754	10257.25534	8681.140164	396.5523637
2031	9	8979.178493	9751.374781	8206.982206	388.5709206
2031	10	8262.867359	9027.200232	7498.534485	384.614033
2031	11	7267.108086	8030.467078	6503.749094	384.1239734
2031	12	7877.85088	8650.391238	7105.310523	388.7440573
2032	1	9535.489115	10378.53184	8692.446393	424.221007
2032	2	8493.631319	9286.618118	7700.64452	399.0327532
2032	3	7043.789557	7805.910565	6281.668549	383.5010172
2032	4	7208.432716	7969.502566	6447.362866	382.972072
2032	5	8679.507936	9447.118198	7911.897674	386.2632221
2032	6	9329.387925	10106.46977	8552.306085	391.029342
2032	7	9336.429564	10119.74404	8553.115091	394.1656166
2032	8	9542.020144	10331.47486	8752.565431	397.2553994
2032	9	9043.91804	9816.838706	8270.997374	388.9354295
2032	10	8316.911636	9081.529275	7552.293996	384.7573278
2032	11	7313.535273	8076.861387	6550.209159	384.1074292
2032	12	7923.16837	8695.849305	7150.487434	388.8147964
2033	1	9596.955801	10440.94135	8752.97025	424.6954405
2033	2	8540.964805	9334.342599	7747.587011	399.2295025
2033	3	7099.530932	7861.7372	6337.324665	383.54392
2033	4	7272.276071	8033.487828	6511.064313	383.0434802
2033	5	8758.684779	9526.715657	7990.6539	386.4748772
2033	6	9416.683674	10194.5325	8638.834852	391.4152884
2033	7	9425.377613	10209.6647	8641.090524	394.6550397
2033	8	9634.074644	10424.68942	8843.459869	397.839145
2033	9	9127.583048	9901.128122	8354.037974	389.2496328
2033	10	8391.512319	9156.421158	7626.60348	384.90386
2033	11	7374.432402	8137.842012	6611.022791	384.1494448
2033	12	7981.292387	8754.17539	7208.409385	388.9164773
2034	1	9673.407819	10518.46911	8828.346525	425.2367568
2034	2	8613.798187	9407.69812	7819.898254	399.492244
2034	3	7167.802875	7930.145629	6405.460121	383.6126004

2034	4	7348.732544	8110.120871	6587.344216	383.1323307
2034	5	8852.260885	9620.734581	8083.78719	386.697704
2034	6	9518.843526	10297.47552	8740.211528	391.8093848
2034	7	9528.923095	10314.19826	8743.647931	395.1522412
2034	8	9740.901346	10532.69335	8949.109339	398.4315308
2034	9	9225.78824	9999.975058	8451.601422	389.57256
2034	10	8480.16134	9245.389723	7714.932958	385.0646552
2034	11	7448.34994	8211.907812	6684.792068	384.2240504
2034	12	8052.838733	8825.995116	7279.68235	389.0540427
2035	1	9754.053323	10600.21518	8907.891467	425.790562
2035	2	8690.863491	9485.305999	7896.420982	399.7652693
2035	3	7239.918804	8002.408428	6477.429181	383.6865054
2035	4	7429.58358	8191.161914	6668.005246	383.2279423
2035	5	8951.251569	9720.198451	8182.304688	386.9358122
2035	6	9626.883215	10406.34963	8847.416805	392.2292631
2035	7	9638.382696	10424.70957	8852.055817	395.681466
2035	8	9853.862995	10646.90685	9060.81914	399.0614638
2035	9	9329.791068	10104.66172	8554.920419	389.9166654
2035	10	8574.186947	9339.757756	7808.616139	385.2369644
2035	11	7527.169296	8290.892312	6763.44628	384.3071512
2035	12	8129.001918	8902.450751	7355.553085	389.2012043
2036	1	9853.900507	10701.32455	9006.476468	426.4256956
2036	2	8797.454512	9592.59734	8002.311685	400.1176715
2036	3	7327.423339	8090.123002	6564.723676	383.7921976
2036	4	7525.898347	8287.70834	6764.088354	383.3445136
2036	5	9067.673475	9837.121551	8298.225398	387.1880146
2036	6	9752.897238	10533.22252	8972.571956	392.6614488
2036	7	9765.423227	10552.82853	8978.017925	396.2241314
2036	8	9984.625493	10778.95218	9190.298803	399.7069896
2036	9	9451.322047	10226.90104	8675.743056	390.2731042
2036	10	8685.258937	9451.206407	7919.311467	385.4265014
2036	11	7622.826998	8386.799702	6858.854295	384.4327946
2036	12	8222.751359	8996.587546	7448.915171	389.3961218
2037	1	9922.059198	10770.40592	9073.712477	426.8899911
2037	2	8852.660627	9648.20509	8057.116165	400.3197751
2037	3	7392.940747	8155.747007	6630.134488	383.845837
2037	4	7602.00743	8364.001767	6840.013093	383.4372762
2037	5	9162.731041	9932.712024	8392.750058	387.4561742
2037	6	9857.652899	10638.93779	9076.368011	393.144325
2037	7	9872.060591	10660.67707	9083.444116	396.833596
2037	8	10094.97851	10890.74531	9299.211708	400.4316575
2037	9	9551.887518	10328.2502	8775.524832	390.6674617
2037	10	8775.011543	9541.331975	8008.69111	385.6141773
2037	11	7694.967668	8459.050851	6930.884485	384.4883881
2037	12	8289.66312	9063.723104	7515.603135	389.5087373
2038	1	10007.30642	10856.68794	9157.924901	427.4107045
2038	2	8935.316255	9731.403106	8139.229405	400.592706

2038	3	7471.627317	8234.606909	6708.647725	383.9330587
2038	4	7690.638735	8452.852459	6928.42501	383.5476721
2038	5	9271.283921	10041.78883	8500.779017	387.7198128
2038	6	9975.84442	10758.04156	9193.647284	393.6033701
2038	7	9991.516848	10781.2799	9201.753796	397.4105563
2038	8	10218.13174	11015.26097	9421.002497	401.1172381
2038	9	9665.712868	10442.82584	8888.599894	391.0450081
2038	10	8878.26022	9644.964858	8111.555581	385.8075103
2038	11	7781.479659	8545.765	7017.194317	384.5901145
2038	12	8372.107316	9146.485195	7597.729437	389.6687025
2039	1	10092.74364	10943.11344	9242.373836	427.9080101
2039	2	9018.558309	9815.177962	8221.938657	400.860813
2039	3	7551.396506	8314.559159	6788.233854	384.025175
2039	4	7780.481412	8542.920859	7018.041965	383.6612565
2039	5	9381.331708	10152.36068	8610.302735	387.9835253
2039	6	10095.50059	10878.60365	9312.397537	394.0592302
2039	7	10112.33678	10903.23688	9321.436689	397.982718
2039	8	10342.64279	11141.12221	9544.163372	401.7966519
2039	9	9781.079178	10558.93815	9003.220202	391.4203985
2039	10	8983.126095	9750.218302	8216.033887	386.0025358
2039	11	7869.249308	8633.750673	7104.747943	384.6988182
2039	12	8455.398508	9230.100471	7680.696545	389.8317821
2040	1	10187.66984	11039.22042	9336.119259	428.50218
2040	2	9122.091044	9919.382572	8324.799517	401.198902
2040	3	7641.583509	8404.969621	6878.197396	384.1376206
2040	4	7880.88348	8643.57839	7118.18857	383.7898058
2040	5	9502.841173	10274.42775	8731.254598	388.2641121
2040	6	10227.35856	11011.41335	9443.303763	394.5381473
2040	7	10245.36034	11037.45185	9453.268833	398.5822399
2040	8	10479.40653	11279.30181	9679.511262	402.509112
2040	9	9907.907172	10686.55382	9129.260529	391.8167544
2040	10	9098.626294	9866.137135	8331.115453	386.2131934
2040	11	7964.808832	8729.555265	7200.062398	384.8221372
2040	12	8546.389591	9321.460227	7771.318956	390.0172992
2041	1	10249.33996	11101.74655	9396.933359	428.9329295
2041	2	9172.342119	9969.99351	8374.690728	401.3799865
2041	3	7707.269944	8470.760985	6943.778904	384.1904207
2041	4	7958.403741	8721.302509	7195.504973	383.8923878
2041	5	9600.216045	10372.40057	8828.031523	388.565
2041	6	10335.16205	11120.28717	9550.03694	395.0767352
2041	7	10355.35953	11148.79567	9561.923394	399.2588607
2041	8	10593.13139	11394.6227	9791.640074	403.3122438
2041	9	10011.00183	10790.5262	9231.477458	392.2584282
2041	10	9190.036637	9957.965828	8422.107445	386.4237081
2041	11	8034.39211	8799.227751	7269.556469	384.8670266
2041	12	8608.403278	9383.663097	7833.143458	390.1124967
2042	1	10336.88679	11190.39437	9483.379221	429.4869437

2042	2	9258.177392	10056.4041	8459.950683	401.6694876
2042	3	7794.339182	8558.035167	7030.643198	384.293549
2042	4	8056.955429	8820.113398	7293.79746	384.0228182
2042	5	9722.099078	10494.88283	8949.315329	388.8665327
2042	6	10468.0317	11254.18378	9681.879624	395.5935053
2042	7	10489.4751	11284.19668	9694.753519	399.9057002
2042	8	10731.18286	11534.19928	9928.166443	404.0796796
2042	9	10138.88313	10919.2563	9358.509966	392.6855442
2042	10	9305.778409	10074.1529	8537.403917	386.6477845
2042	11	8125.99331	8891.043335	7360.943286	384.9749049
2042	12	8693.510732	9469.098049	7917.923415	390.2772945
2043	1	10422.06796	11276.70519	9567.430724	430.0553922
2043	2	9341.472498	10140.27278	8542.672218	401.9581099
2043	3	7878.113714	8641.992696	7114.234733	384.3856335
2043	4	8152.439955	8915.854911	7389.025	384.1521344
2043	5	9841.068738	10614.49001	9067.647461	389.1873379
2043	6	10598.18713	11385.44553	9810.928736	396.1502083
2043	7	10621.15199	11417.25932	9825.044663	400.6030119
2043	8	10866.95519	11671.61404	10062.29634	404.9061559
2043	9	10264.0893	11045.37445	9482.804153	393.1444554
2043	10	9418.619969	10187.45982	8649.780117	386.8819544
2043	11	8215.091426	8980.332287	7449.850566	385.0709338
2043	12	8776.188254	9552.086761	8000.289746	390.4338859
2044	1	10527.05459	11383.0239	9671.08528	430.725695
2044	2	9454.519257	10254.07882	8654.959696	402.3401819
2044	3	7977.052536	8741.186275	7212.918797	384.5138279
2044	4	8262.685939	9026.397785	7498.974093	384.3015304
2044	5	9976.719974	10750.78662	9202.653329	389.5120886
2044	6	10745.35002	11533.70021	9956.999836	396.6995992
2044	7	10769.31042	11566.7821	9971.83875	401.2895516
2044	8	11019.33536	11825.61131	10213.05941	405.7198824
2044	9	10405.99068	11188.18047	9623.80089	393.5996728
2044	10	9547.974433	10317.30208	8778.64679	387.1274124
2044	11	8320.604466	9086.129866	7555.079065	385.2141152
2044	12	8876.535051	9652.854018	8100.216084	390.6454621
2045	1	10609.01432	11465.9548	9752.073839	431.2143906
2045	2	9524.485067	10324.51473	8724.4554	402.5767404
2045	3	8060.029205	8824.348474	7295.709937	384.6071868
2045	4	8358.077408	9122.054587	7594.100228	384.4350468
2045	5	10095.79304	10870.51624	9321.06983	389.8424712
2045	6	10875.58191	11665.0685	10086.09531	397.2714428
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2045	8	11155.14059	11963.09995	10347.18123	406.5669802
2045	9	10531.30448	11314.43185	9748.177113	394.0714659
2045	10	9660.975908	10430.78349	8891.168328	387.3689175
2045	11	8409.88899	9175.614789	7644.163191	385.3149562
2045	12	8958.187713	9734.808097	8181.567329	390.797136

2046	1	10695.19676	11553.37333	9837.020197	431.8363923
2046	2	9608.677453	10409.31508	8808.039831	402.8826644
2046	3	8146.074424	8910.574712	7381.574135	384.6982765
2046	4	8456.970171	9221.229586	7692.710756	384.5770683
2046	5	10221.59296	10997.04208	9446.143833	390.2077547
2046	6	11013.61478	11804.36064	10222.86893	397.9051055
2046	7	11040.63308	11841.10249	10240.16368	402.7980168
2046	8	11299.20636	12109.02985	10489.38287	407.5050144
2046	9	10664.11451	11448.28026	9879.948765	394.5939803
2046	10	9780.181074	10550.51599	9009.846157	387.6342745
2046	11	8500.655757	9266.561389	7734.750125	385.4054484
2046	12	9041.412032	9818.34073	8264.483334	390.9522803
2047	1	10796.54998	11656.09856	9937.001392	432.5267942
2047	2	9707.293221	10508.63646	8905.94998	403.2377338
2047	3	8244.258969	9008.992869	7479.525069	384.8158303
2047	4	8568.166285	9332.744154	7803.588416	384.7373151
2047	5	10361.11985	11137.32947	9584.910229	390.5904398
2047	6	11165.86752	11957.91655	10373.81848	398.5608674
2047	7	11194.23244	11996.33045	10392.13443	403.6175352
2047	8	11457.46915	12269.21877	10645.71953	408.4742463
2047	9	10810.77855	11596.02179	10025.53531	395.1361752
2047	10	9912.819413	10683.7165	9141.922322	387.9171621
2047	11	8605.00477	9371.160062	7838.849478	385.5310781
2047	12	9138.777366	9916.09583	8361.458902	391.1484113
2048	1	10920.75011	11781.96449	10059.53574	433.365025
2048	2	9838.224588	10640.50334	9035.945838	403.7084835
2048	3	8359.826366	9124.874243	7594.778489	384.9738242
2048	4	8696.349082	9461.292189	7931.405976	384.9211035
2048	5	10520.15045	11297.14278	9743.158118	390.9843002
2048	6	11338.21265	12131.57523	10544.85007	399.2218464
2048	7	11367.44985	12171.18671	10563.71299	404.4422061
2048	8	11635.57759	12449.26577	10821.88942	409.4497333
2048	9	10977.13351	11763.46718	10190.79984	395.6848833
2048	10	10064.65937	10836.15198	9293.166763	388.2168264
2048	11	8727.69641	9494.200753	7961.192067	385.7067213
2048	12	9255.93034	10033.76462	8478.096061	391.4079707
2049	1	11008.99295	11871.50366	10146.48224	434.0173439
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2049	3	8449.004584	9214.238378	7683.770791	385.0673779
2049	4	8799.481466	9564.738	8034.224932	385.0788209
2049	5	10652.5127	11430.32685	9874.698551	391.3978426
2049	6	11483.69413	12278.48116	10688.90709	399.938636
2049	7	11514.65067	12320.1673	10709.13404	405.3377906
2049	8	11787.56234	12603.35163	10971.77304	410.507023
2049	9	11117.136	11904.64489	10329.62711	396.2762587
2049	10	10190.08886	10962.17635	9418.001364	388.5161744
2049	11	8821.90886	9588.597169	8055.220551	385.7992933

2049	12	9341.588604	10119.73822	8563.438984	391.5666509
2050	1	11120.88607	11984.90204	10256.87009	434.7747961
2050	2	10022.05723	10825.70914	9218.405317	404.3994622
2050	3	8556.950559	9322.465211	7791.435907	385.2087064
2050	4	8920.99772	9686.616225	8155.379214	385.2609657
2050	5	10805.64039	11584.27544	10027.00534	391.8109206
2050	6	11650.26625	12446.44069	10854.09181	400.6367807
2050	7	11682.26513	12489.51235	10875.0179	406.2086312
2050	8	11960.11404	12777.94702	11142.28106	411.5354082
2050	9	11277.90853	12066.56739	10489.24968	396.8549204
2050	10	10336.0882	11108.792	9563.384403	388.8263001
2050	11	8936.381469	9703.374936	8169.388003	385.9528492
2050	12	9448.597945	10227.19961	8669.996276	391.7941233

Year	Month	Peak	CoolVar	HeatVar	BaseVar	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec	20-Feb	20-Apr	20-Dec	21-Jan	21-Mar	XMissing	YMissing
2010	11	5,747.00	0.80	0.20		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2010	12	8,801.00	0.00	3.97		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	1	8,580.00	0.00	10.32		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	2	6,692.00	1.95	3.42		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	3	5,475.00	4.65	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	4	7,358.00	9.07	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	5	7,557.00	9.57	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	6	8,344.00	12.54	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	7	8,041.00	12.33	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	8	8,296.00	12.55	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	9	7,455.00	10.16	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	10	6,451.00	5.93	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	11	5,500.00	4.97	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2011	12	4,893.00	0.49	1.04		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0
2012	1	7,817.00	0.74	8.93	316,375.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	7,631.00	3.57	6.45	315,597.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	5,819.00	4.27	0.00	269,889.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	6,584.00	6.71	0.00	264,998.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	7,486.00	10.52	0.00	291,823.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	7,781.00	9.48	0.00	289,463.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	7,945.00	11.42	0.00	277,889.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	7,989.00	11.09	0.00	271,628.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	7,597.00	11.00	0.00	290,476.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	7,128.00	8.33	0.00	290,130.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	5,011.00	0.21	0.00	302,867.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	5,882.00	1.15	3.21	314,149.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	5,491.00	2.29	0.49	312,891.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	7,220.00	3.74	4.38	307,299.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	7,054.00	3.00	5.04	265,478.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	6,497.00	7.39	0.00	265,419.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	7,271.00	8.80	0.00	288,359.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	7,816.00	10.98	0.00	289,922.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	7,967.00	10.79	0.00	274,447.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	8,205.00	11.94	0.00	274,436.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	7,765.00	10.54	0.00	288,386.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	7,092.00	8.51	0.00	288,861.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	6,059.00	6.01	2.37	302,800.36	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	5,472.00	3.77	0.00	308,219.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	7,684.00	2.32	7.44	319,242.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	6,316.00	2.70	1.27	312,816.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	5,012.00	1.90	0.19	272,215.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	7,053.00	8.02	0.00	265,301.66	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	7,408.00	10.20	0.00	293,772.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	8,026.00	13.32	0.00	292,375.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	7,949.00	12.89	0.00	278,883.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	8,412.00	12.84	0.00	278,805.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	7,778.00	11.34	0.00	289,700.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	10	7,278.00	8.57	0.00	296,364.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	11	6,195.00	5.51	4.52	305,944.22	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 0
2014	12	5,997.00	3.50	2.13	312,721.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	6,380.00	3.39	4.81	333,005.40	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	8,439.00	0.00	8.67	326,771.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	6,132.00	6.07	0.00	286,302.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	6,717.00	9.69	0.00	284,359.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	7,716.00	10.42	0.00	306,677.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	8,329.00	13.20	0.00	306,804.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	8,135.00	12.43	0.00	283,599.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	8,447.00	13.04	0.00	297,115.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	8,162.00	11.92	0.00	306,384.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	7,145.00	10.27	0.00	308,094.41	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	7,075.00	8.61	0.00	324,755.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	5,941.00	4.86	0.00	334,052.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	7,661.00	1.96	7.41	328,667.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	7,263.00	3.51	3.49	324,118.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	6,317.00	5.50	0.00	287,560.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	7,331.00	7.69	0.00	281,849.54	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	7,637.00	9.31	0.00	310,659.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	8,478.00	12.90	0.00	308,859.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	8,780.00	14.39	0.00	295,259.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	8,643.00	14.36	0.00	290,403.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	7,865.00	12.21	0.00	307,990.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	7,265.00	9.48	0.00	309,187.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	5,925.00	4.76	0.00	319,056.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	5,888.00	4.55	3.96	327,982.85	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	6,874.00	3.91	6.40	302,872.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	5,822.00	1.63	3.73	306,304.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	6,389.00	4.23	2.93	276,809.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	7,873.00	9.59	0.00	272,297.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	8,072.00	10.71	0.00	293,187.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	8,294.00	11.79	0.00	292,264.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	8,522.00	13.22	0.00	280,881.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	8,453.00	13.60	0.00	278,808.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	8,139.00	11.69	0.00	295,182.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	7,704.00	11.76	0.73	297,272.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	11	5,917.00	3.42	0.48	298,981.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	6,501.00	1.46	4.46	302,503.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	9,286.00	0.00	10.50	322,975.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	6,200.00	5.47	0.15	319,893.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	5,891.00	4.27	0.12	286,109.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	6,272.00	5.95	0.00	279,061.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	7,467.00	8.89	0.00	308,897.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	8,142.00	12.27	0.00	310,276.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	8,086.00	12.03	0.00	295,180.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	8,493.00	12.65	0.00	292,327.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	9	8,385.00	13.02	0.00	308,061.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	8,013.00	10.96	0.00	309,681.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	6,754.00	6.70	3.26	311,436.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	12	6,426.00	6.01	3.59	315,826.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 0
2019	1	6,708.00	0.93	4.24	312,366.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	6,188.00	6.31	0.70	312,947.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	6,084.00	3.09	2.15	280,422.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	6,940.00	8.04	0.00	277,810.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	8,566.00	13.19	0.00	307,074.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	8,986.00	14.84	0.00	306,350.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	8,610.00	14.64	0.00	287,020.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	8,283.00	13.98	0.00	288,087.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	8,597.00	15.97	0.00	306,564.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	7,582.00	11.33	0.00	310,065.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	6,146.00	7.78	0.71	307,249.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	5,488.00	4.20	2.07	312,046.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	7,795.00	4.51	7.58	322,412.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	5,960.00	6.07	0.74	325,972.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	3	7,177.00	8.03	0.00	289,794.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	7,370.00	13.50	0.00	279,557.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2020	5	7,811.00	11.75	0.00	304,024.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	6	8,747.00	16.03	0.00	294,865.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	7	8,477.00	15.11	0.00	293,102.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	8,608.00	15.56	0.00	294,428.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	8,624.00	14.99	0.00	306,776.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	7,815.00	11.98	0.00	309,616.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	6,662.00	8.15	0.00	313,533.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	6,663.00	1.95	9.76	318,957.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2021	1	6,477.00	3.04	5.62	316,535.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2021	2	7,629.00	5.36	6.27	313,937.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	3	6,986.00	7.69	0.00	284,053.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	4	7,277.00	8.44	0.00	282,925.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	5	8,144.00	11.86	0.00	301,298.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	6	8,345.00	13.67	0.00	307,748.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	7	8,538.00	16.00	0.00	292,514.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	8		15.48	0.00	292,019.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	9		12.94	0.00	307,849.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	10		10.42	0.01	308,558.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	11		6.34	0.57	311,425.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	12		3.50	5.05	315,562.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	1		0.81	12.54	315,712.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	2		2.18	8.06	311,849.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	3		4.84	2.52	282,615.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	4		8.26	0.00	278,905.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	5		11.70	0.00	306,430.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	6		13.95	0.00	304,865.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	7		14.79	0.00	291,296.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	8		15.64	0.00	288,457.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	9		13.07	0.00	304,084.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	10		10.53	0.01	304,635.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	11		6.41	0.56	307,028.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	12		3.53	5.02	310,950.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2023	1	0.82	12.73	315,278.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2023	2	2.21	8.17	311,585.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	3	4.90	2.56	282,943.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	4	8.36	0.00	279,096.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	5	11.85	0.00	305,962.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	6	14.13	0.00	305,254.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	7	14.98	0.00	291,118.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	8	15.84	0.00	288,148.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	9	13.24	0.00	303,783.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	10	10.67	0.01	304,902.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	11	6.49	0.57	306,229.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	12	3.58	5.09	310,558.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	1	0.84	12.93	316,411.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	2	2.24	8.30	313,416.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	3	4.98	2.60	283,946.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	4	8.50	0.00	280,059.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	5	12.05	0.00	307,012.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	6	14.37	0.00	306,278.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	7	15.23	0.00	292,040.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	8	16.11	0.00	289,060.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	9	13.46	0.00	304,787.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	10	10.85	0.01	305,957.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	11	6.60	0.58	307,266.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	12	3.64	5.17	311,618.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	1	0.85	13.02	316,580.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	2	2.26	8.36	312,872.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	3	5.03	2.61	284,000.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	4	8.58	0.00	280,076.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	5	12.16	0.00	306,956.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	6	14.51	0.00	306,172.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	7	15.37	0.00	291,891.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	8	16.26	0.00	288,891.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	9	13.59	0.00	304,658.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	10	10.95	0.01	305,872.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	11	6.66	0.58	307,343.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	12	3.67	5.21	311,734.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	1	0.85	13.12	318,500.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	2	2.29	8.42	314,755.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	3	5.08	2.63	285,555.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	4	8.67	0.00	281,571.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	5	12.28	0.00	308,478.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	6	14.65	0.00	307,640.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	7	15.53	0.00	293,279.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	8	16.43	0.00	290,268.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	9	13.73	0.00	306,112.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	10	11.06	0.01	307,402.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	11	6.73	0.59	309,135.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	12	3.71	5.25	313,627.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	1	0.86	13.22	321,029.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2027	2	2.31	8.49	317,233.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2027	3	5.14	2.66	287,594.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	4	8.77	0.00	283,539.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	5	12.42	0.00	310,506.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	6	14.82	0.00	309,609.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	7	15.70	0.00	295,149.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	8	16.61	0.00	292,128.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	9	13.88	0.00	308,072.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	10	11.19	0.01	309,452.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	11	6.80	0.59	311,518.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	12	3.75	5.29	316,140.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	1	0.88	13.35	324,797.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	2	2.34	8.57	321,636.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	3	5.20	2.68	290,701.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	4	8.88	0.00	286,556.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	5	12.59	0.00	313,691.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	6	15.01	0.00	312,731.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	7	15.91	0.00	298,123.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	8	16.83	0.00	295,094.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	9	14.07	0.00	311,186.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	10	11.33	0.01	312,675.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	11	6.89	0.60	315,091.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	12	3.80	5.34	319,861.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	1	0.89	13.45	327,212.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	2	2.37	8.64	323,300.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	3	5.27	2.70	292,717.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	4	9.00	0.00	288,519.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	5	12.75	0.00	315,803.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	6	15.21	0.00	314,795.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	7	16.12	0.00	300,086.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	8	17.05	0.00	297,048.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	9	14.25	0.00	313,239.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	10	11.48	0.01	314,791.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	11	6.98	0.60	317,374.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	12	3.85	5.38	322,221.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	1	0.90	13.55	329,361.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	2	2.40	8.70	325,439.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	3	5.34	2.72	294,714.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	4	9.11	0.00	290,481.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	5	12.91	0.00	317,915.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	6	15.40	0.00	316,875.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	7	16.32	0.00	302,070.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	8	17.26	0.00	299,016.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	9	14.43	0.00	315,293.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	10	11.62	0.01	316,883.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	11	7.07	0.61	319,462.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	12	3.90	5.42	324,318.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	1	0.91	13.65	332,043.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	2	2.43	8.76	328,090.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2031	3	5.40	2.74	297,123.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2031	4	9.22	0.00	292,821.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	5	13.07	0.00	320,474.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	6	15.59	0.00	319,383.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	7	16.52	0.00	304,454.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	8	17.48	0.00	301,369.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	9	14.61	0.00	317,780.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	10	11.77	0.01	319,416.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	11	7.16	0.61	322,025.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	12	3.95	5.46	326,903.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	1	0.92	13.75	333,485.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	2	2.47	8.83	330,167.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	3	5.48	2.76	297,992.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	4	9.35	0.00	293,647.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	5	13.25	0.00	321,572.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	6	15.80	0.00	320,269.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	7	16.75	0.00	305,287.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	8	17.71	0.00	302,211.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	9	14.80	0.00	318,771.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	10	11.93	0.01	320,373.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	11	7.25	0.62	323,381.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	12	4.00	5.50	328,239.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	1	0.93	13.82	335,930.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	2	2.50	8.88	331,878.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	3	5.55	2.78	300,212.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	4	9.47	0.00	295,835.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	5	13.42	0.00	323,973.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	6	16.00	0.00	322,644.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	7	16.96	0.00	307,555.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	8	17.94	0.00	304,466.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	9	14.99	0.00	321,125.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	10	12.08	0.01	322,760.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	11	7.35	0.62	325,756.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	12	4.05	5.53	330,623.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	1	0.95	13.91	339,126.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	2	2.53	8.93	335,046.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	3	5.62	2.79	303,112.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	4	9.59	0.00	298,692.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	5	13.59	0.00	327,109.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	6	16.21	0.00	325,750.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	7	17.18	0.00	310,522.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	8	18.18	0.00	307,419.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	9	15.19	0.00	324,202.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	10	12.24	0.01	325,878.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	11	7.44	0.62	328,845.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	12	4.11	5.57	333,726.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	1	0.96	14.00	342,570.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	2	2.57	8.99	338,455.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	3	5.70	2.81	306,205.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2035	4	9.73	0.00	301,738.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2035	5	13.78	0.00	330,457.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	6	16.44	0.00	329,068.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	7	17.42	0.00	313,692.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	8	18.43	0.00	310,578.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	9	15.40	0.00	327,497.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	10	12.41	0.01	329,220.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	11	7.55	0.63	332,177.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	12	4.16	5.60	337,082.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	1	0.97	14.10	347,004.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	2	2.60	9.05	343,562.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	3	5.78	2.83	310,137.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	4	9.87	0.00	305,602.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	5	13.98	0.00	334,686.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	6	16.68	0.00	333,256.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	7	17.68	0.00	317,689.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	8	18.70	0.00	314,561.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	9	15.63	0.00	331,652.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	10	12.59	0.01	333,442.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	11	7.66	0.63	336,439.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	12	4.22	5.64	341,395.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	1	0.99	14.17	349,958.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	2	2.64	9.10	345,767.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	3	5.86	2.85	312,841.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	4	10.01	0.00	308,272.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	5	14.18	0.00	337,668.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	6	16.91	0.00	336,216.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	7	17.93	0.00	320,514.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	8	18.96	0.00	317,377.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	9	15.85	0.00	334,592.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	10	12.77	0.01	336,414.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	11	7.77	0.64	339,313.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	12	4.28	5.67	344,265.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	1	1.00	14.25	353,860.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	2	2.68	9.15	349,628.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	3	5.95	2.86	316,349.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	4	10.15	0.00	311,729.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	5	14.38	0.00	341,498.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	6	17.15	0.00	340,016.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	7	18.18	0.00	324,138.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	8	19.23	0.00	320,988.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	9	16.07	0.00	338,364.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	10	12.95	0.01	340,236.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	11	7.88	0.64	343,085.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	12	4.34	5.70	348,061.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	1	1.01	14.32	357,875.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	2	2.71	9.20	353,604.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	3	6.03	2.88	319,975.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	4	10.29	0.00	315,302.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2039	5	14.58	0.00	345,476.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2039	6	17.39	0.00	343,967.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	7	18.43	0.00	327,907.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	8	19.49	0.00	324,746.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	9	16.29	0.00	342,290.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	10	13.13	0.01	344,211.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	11	7.98	0.64	346,977.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	12	4.40	5.73	351,971.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	1	1.03	14.41	362,248.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	2	2.75	9.26	358,704.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	3	6.11	2.90	324,148.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	4	10.44	0.00	319,423.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	5	14.79	0.00	350,009.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	6	17.64	0.00	348,480.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	7	18.70	0.00	332,219.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	8	19.78	0.00	329,036.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	9	16.53	0.00	346,746.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	10	13.32	0.01	348,711.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	11	8.10	0.65	351,266.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	12	4.47	5.77	356,230.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	1	1.04	14.48	365,031.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	2	2.79	9.30	360,765.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	3	6.20	2.91	326,960.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	4	10.58	0.00	322,220.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	5	15.00	0.00	353,174.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	6	17.88	0.00	351,645.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	7	18.96	0.00	335,254.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	8	20.05	0.00	332,055.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	9	16.76	0.00	349,874.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	10	13.50	0.01	351,844.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	11	8.21	0.65	354,052.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	12	4.53	5.79	358,931.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	1	1.06	14.56	369,385.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	2	2.83	9.35	365,164.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	3	6.29	2.93	331,369.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	4	10.74	0.00	326,648.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	5	15.21	0.00	358,261.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	6	18.14	0.00	356,782.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	7	19.23	0.00	340,162.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	8	20.34	0.00	336,948.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	9	17.00	0.00	354,899.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	10	13.70	0.01	356,910.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	11	8.33	0.65	358,517.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	12	4.59	5.83	363,287.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	1	1.07	14.65	373,429.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	2	2.87	9.41	369,202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	3	6.38	2.94	335,300.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	4	10.89	0.00	330,554.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	5	15.43	0.00	362,732.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2043	6	18.41	0.00	361,255.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2043	7	19.51	0.00	344,432.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	8	20.64	0.00	341,206.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	9	17.25	0.00	359,331.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	10	13.90	0.01	361,363.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	11	8.45	0.66	362,531.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	12	4.66	5.86	367,224.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	1	1.09	14.75	378,537.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	2	2.92	9.47	375,043.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	3	6.48	2.96	340,160.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	4	11.05	0.00	335,372.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	5	15.66	0.00	368,216.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	6	18.68	0.00	366,736.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	7	19.80	0.00	349,659.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	8	20.95	0.00	346,418.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	9	17.51	0.00	364,754.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	10	14.10	0.01	366,830.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	11	8.58	0.66	367,565.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	12	4.73	5.90	372,197.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	1	1.10	14.82	382,794.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	2	2.96	9.52	378,531.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	3	6.57	2.98	344,268.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	4	11.21	0.00	339,452.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	5	15.89	0.00	372,916.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	6	18.95	0.00	371,438.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	7	20.08	0.00	354,150.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	8	21.24	0.00	350,898.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	9	17.75	0.00	369,423.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	10	14.30	0.01	371,520.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	11	8.70	0.67	371,787.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	12	4.80	5.93	376,348.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	1	1.12	14.91	387,061.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	2	3.00	9.58	382,793.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	3	6.67	3.00	348,507.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	4	11.38	0.00	343,682.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	5	16.12	0.00	377,916.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	6	19.23	0.00	376,455.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	7	20.38	0.00	358,932.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	8	21.56	0.00	355,672.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	9	18.02	0.00	374,401.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	10	14.52	0.01	376,502.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	11	8.83	0.67	376,056.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	12	4.87	5.97	380,484.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	1	1.14	15.01	392,220.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	2	3.05	9.64	387,932.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	3	6.77	3.02	353,506.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	4	11.56	0.00	348,651.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	5	16.38	0.00	383,711.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	6	19.53	0.00	382,258.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2047	7	20.70	0.00	364,464.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	Q7c 1
2047	8	21.90	0.00	361,193.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	9	18.30	0.00	380,158.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	10	14.74	0.01	382,282.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	11	8.97	0.67	381,171.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	12	4.95	6.01	385,491.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	1	1.16	15.14	398,573.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	2	3.10	9.72	395,029.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	3	6.88	3.04	359,572.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	4	11.74	0.00	354,672.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	5	16.64	0.00	390,686.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	6	19.85	0.00	389,240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	7	21.03	0.00	371,112.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	8	22.25	0.00	367,829.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	9	18.60	0.00	387,072.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	10	14.98	0.01	389,240.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	11	9.11	0.68	387,431.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	12	5.03	6.06	391,648.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	1	1.17	15.23	403,292.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	2	3.15	9.78	398,960.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	3	6.98	3.06	364,282.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	4	11.92	0.00	359,375.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	5	16.89	0.00	396,319.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	6	20.15	0.00	394,895.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	7	21.36	0.00	376,506.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	8	22.59	0.00	373,217.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	9	18.88	0.00	392,702.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	10	15.21	0.01	394,868.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	11	9.25	0.68	392,173.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	12	5.10	6.09	396,233.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	1	1.19	15.34	409,428.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	2	3.19	9.85	405,066.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	3	7.09	3.08	370,244.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	4	12.11	0.00	365,310.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	5	17.16	0.00	403,335.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	6	20.46	0.00	401,927.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	7	21.69	0.00	383,205.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	8	22.94	0.00	379,909.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	9	19.18	0.00	399,688.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	10	15.45	0.01	401,876.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	11	9.40	0.69	398,269.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	12	5.18	6.14	402,178.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
Peak	115	7,327.096	985.985	5,011.000	9,286.000	-0.339	2.140	5.7	5.65E-02	1.000		
CoolVar	115	8.410	4.402	0.000	16.034	-0.165	1.867	6.7	3.56E-02	0.679		
HeatVar	115	1.313	2.508	0.000	10.500	1.954	5.880	113.0	0.00E+00	-0.027		
BaseVar	115	299,014.126	16,469.754	264,998.602	334,052.499	-0.110	2.269	2.8	2.47E-01	-0.110		
44513	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.108		
44300	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.022		
44514	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.096		
44211	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.080		
44484	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.014		
44302	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.003		
44546	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.123		
44213	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.037		
44244	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.129		
44303	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.050		
44486	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.035		
44214	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.173		
44518	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.048		
44548	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.076		
44246	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.097		
44519	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.100		
44549	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.158		
44247	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.117		
44306	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	0.006		
44550	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.055		
44217	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.072		
44276	115	0.009	0.093	0.000	1.000	10.583	113.009	60135.2	0.00E+00	-0.027		

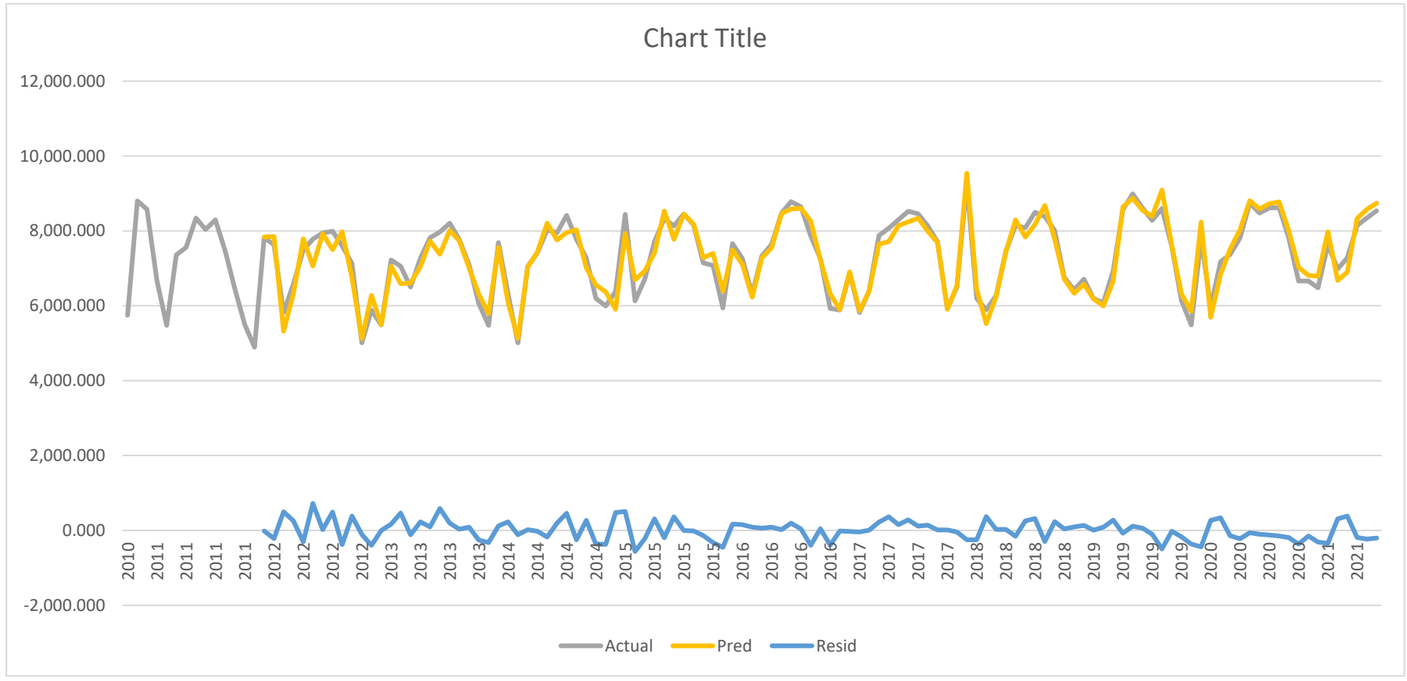
	Peak	CoolVar	HeatVar	BaseVar	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec	20-Feb	20-Apr	20-Dec	21-Jan	21-Mar
Peak	1.000	0.679	-0.027	-0.110	-0.108	-0.022	-0.096	-0.080	-0.014	0.003	-0.123	-0.037	-0.129	0.050	0.035	0.173	-0.048	-0.076	-0.097	-0.100	-0.158	-0.117	0.006	-0.055	-0.072	-0.027
CoolVar	0.679	1.000	-0.643	-0.333	-0.042	-0.003	-0.052	-0.094	0.042	-0.009	-0.071	-0.084	-0.129	0.028	0.071	-0.161	-0.029	-0.042	-0.036	-0.007	-0.078	-0.041	0.105	-0.122	-0.101	-0.009
HeatVar	-0.027	-0.643	1.000	0.476	0.037	-0.046	0.112	0.122	-0.046	-0.046	0.092	0.178	0.084	-0.046	-0.021	0.321	0.068	0.079	-0.021	-0.021	0.026	-0.020	-0.046	0.295	0.150	-0.046
BaseVar	-0.110	-0.333	0.476	1.000	0.022	-0.193	0.040	0.194	0.052	-0.098	0.165	0.022	0.042	-0.153	-0.010	0.137	0.071	0.096	0.080	0.047	0.074	0.154	-0.111	0.114	0.100	-0.085
44513	-0.108	-0.042	0.037	0.022	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44300	-0.022	-0.003	-0.046	-0.193	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44514	-0.096	-0.052	0.112	0.040	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44211	-0.080	-0.094	0.122	0.194	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44484	-0.014	0.042	-0.046	0.052	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44302	0.003	-0.009	-0.046	-0.098	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44546	-0.123	-0.071	0.092	0.165	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44213	-0.037	-0.084	0.178	0.022	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44244	-0.129	-0.129	0.084	0.042	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44303	0.050	0.028	-0.046	-0.153	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44486	0.035	0.071	-0.021	-0.010	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44214	0.173	-0.161	0.321	0.137	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44518	-0.048	-0.029	0.068	0.071	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44548	-0.076	-0.042	0.079	0.096	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44246	-0.097	-0.036	-0.021	0.080	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44519	-0.100	-0.007	-0.021	0.047	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44549	-0.158	-0.078	0.026	0.074	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008
44247	-0.117	-0.041	-0.020	0.154	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008
44306	0.006	0.105	-0.046	-0.111	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008
44550	-0.055	-0.122	0.295	0.114	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008
44217	-0.072	-0.101	0.150	0.100	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008
44276	-0.027	-0.009	-0.046	-0.085	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
mPkEndUse_C.CoolVar	262.681	12.056	21.789	0.00%		
mPkEndUse_C.HeatVar	283.319	16.559	17.109	0.00%		
mPkEndUse_C.BaseVar	0.016	0.000	39.672	0.00%		
MBin.Nov13	-893.340	230.697	-3.872	0.02%		
MBin.Apr14	635.944	226.355	2.810	0.61%		
MBin.Nov14	-1255.277	237.951	-5.275	0.00%		
MBin.Jan15	-1361.558	234.399	-5.809	0.00%		
MBin.Oct15	-404.277	224.425	-1.801	7.51%		
MBin.Apr16	566.892	224.732	2.523	1.34%		
MBin.Dec16	-1417.220	285.029	-4.972	0.00%		
MBin.Jan17	-709.484	343.694	-2.064	4.19%		
MBin.Feb17	-524.373	287.660	-1.823	7.17%		
MBin.Apr17	732.029	229.506	3.190	0.20%		
MBin.Oct17	-542.226	231.335	-2.344	2.13%		
MBin.Jan18	1381.515	253.482	5.450	0.00%		
MBin.Nov18	-1092.693	273.228	-3.999	0.01%		
MBin.Dec18	-1428.021	274.457	-5.203	0.00%		
MBin.Feb19	-848.846	232.334	-3.654	0.04%		
MBin.Nov19	-719.183	275.141	-2.614	1.05%		
MBin.Dec19	-714.230	282.525	-2.528	1.33%		
MBin.Feb20	-961.848	241.908	-3.976	0.01%		
MBin.Apr20	-852.505	237.344	-3.592	0.05%		
MBin.Dec20	-1301.212	293.511	-4.433	0.00%		
MBin.Jan21	-495.933	276.141	-1.796	7.59%		
MBin.Mar21	403.252	235.583	1.712	9.05%		
AR(1)	0.708	0.112	6.335	0.00%		
AR(2)	-0.206	0.103	-2.000	4.86%		

Model Statistics	
Iterations	45
Adjusted Observations	115
Deg. of Freedom for Error	88
R-Squared	0.929
Adjusted R-Squared	0.907
AIC	11.609
BIC	12.254
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-803.71
Model Sum of Squares	102,909,610.67
Sum of Squared Errors	7,917,275.28
Mean Squared Error	89,969.04
Std. Error of Regression	299.95
Mean Abs. Dev. (MAD)	210.98
Mean Abs. % Err. (MAPE)	2.95%
Durbin-Watson Statistic	1.961
Durbin-H Statistic	#NA
Ljung-Box Statistic	30.11
Prob (Ljung-Box)	0.1812
Skewness	0.181
Kurtosis	2.558
Jarque-Bera	1.567
Prob (Jarque-Bera)	0.4568

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	11	5,747.000				
2010	12	8,801.000				
2011	1	8,580.000				
2011	2	6,692.000				
2011	3	5,475.000				
2011	4	7,358.000				
2011	5	7,557.000				
2011	6	8,344.000				
2011	7	8,041.000				
2011	8	8,296.000				
2011	9	7,455.000				
2011	10	6,451.000				
2011	11	5,500.000				
2011	12	4,893.000				
2012	1	7,817.000	7834.611904	-17.61190441	-0.002253026	-0.058716449
2012	2	7,631.000	7848.28866	-217.2886603	-0.028474467	-0.724420156
2012	3	5,819.000	5320.290703	498.7092973	0.085703608	1.66265035
2012	4	6,584.000	6330.67824	253.3217603	0.038475358	0.844551156
2012	5	7,486.000	7790.209003	-304.209003	-0.040637056	-1.014204484
2012	6	7,781.000	7058.555294	722.4447065	0.092847283	2.408563367
2012	7	7,945.000	7923.462593	21.53740726	0.002710813	0.07180371
2012	8	7,989.000	7495.209403	493.7905966	0.061808812	1.64625186
2012	9	7,597.000	7974.180266	-377.1802661	-0.049648581	-1.257483879
2012	10	7,128.000	6743.696022	384.3039781	0.0539147	1.281233671
2012	11	5,011.000	5122.950335	-111.9503347	-0.022340917	-0.373231989
2012	12	5,882.000	6277.894954	-395.8949539	-0.067306181	-1.319876905
2013	1	5,491.000	5494.094742	-3.094741726	-0.000563603	-0.010317581
2013	2	7,220.000	7053.951845	166.0481546	0.022998359	0.553589083
2013	3	7,054.000	6590.202417	463.7975826	0.065749586	1.546257945
2013	4	6,497.000	6610.674248	-113.6742477	-0.017496421	-0.378979355
2013	5	7,271.000	7044.614893	226.3851074	0.031135347	0.754746864
2013	6	7,816.000	7724.987037	91.01296279	0.011644443	0.303428742
2013	7	7,967.000	7380.170768	586.829232	0.073657491	1.956434006
2013	8	8,205.000	8012.267	192.733	0.023489701	0.642553872
2013	9	7,765.000	7732.062642	32.93735798	0.004241772	0.109810084
2013	10	7,092.000	7008.305374	83.69462559	0.011801273	0.279030087
2013	11	6,059.000	6313.036665	-254.036665	-0.04192716	-0.846934582
2013	12	5,472.000	5794.87961	-322.8796101	-0.059005777	-1.076450549
2014	1	7,684.000	7561.286606	122.7133938	0.015969989	0.409115026
2014	2	6,316.000	6089.94672	226.0532802	0.035790576	0.753640583
2014	3	5,012.000	5126.533856	-114.5338559	-0.022851927	-0.381845209
2014	4	7,053.000	7031.162193	21.83780671	0.003096244	0.072805214
2014	5	7,408.000	7428.777051	-20.77705051	-0.002804677	-0.069268751
2014	6	8,026.000	8203.118928	-177.1189276	-0.022068144	-0.590498009
2014	7	7,949.000	7756.775088	192.2249117	0.024182276	0.640859953
2014	8	8,412.000	7955.062521	456.9374787	0.054319719	1.523386997



2014	9	7,778.000	8026.261132	-248.2611317	-0.031918376	-0.827679491
2014	10	7,278.000	7011.681818	266.318182	0.036592221	0.887880015
2014	11	6,195.000	6557.202098	-362.2020982	-0.058466844	-1.207548062
2014	12	5,997.000	6369.729066	-372.7290656	-0.062152587	-1.242643991
2015	1	6,380.000	5904.286388	475.713612	0.074563262	1.585984877
2015	2	8,439.000	7931.369962	507.6300382	0.060152866	1.69239127
2015	3	6,132.000	6694.71058	-562.7105798	-0.091766239	-1.876024666
2015	4	6,717.000	6931.18969	-214.1896895	-0.031887701	-0.714088476
2015	5	7,716.000	7408.021333	307.9786668	0.039914291	1.026772192
2015	6	8,329.000	8528.395312	-199.3953122	-0.023939886	-0.6647654
2015	7	8,135.000	7771.832101	363.1678987	0.044642643	1.210767951
2015	8	8,447.000	8448.198267	-1.198266641	-0.000141857	-0.003994909
2015	9	8,162.000	8176.561867	-14.56186685	-0.001784105	-0.048547908
2015	10	7,145.000	7281.778195	-136.7781951	-0.019143204	-0.456005764
2015	11	7,075.000	7399.755067	-324.7550675	-0.045901776	-1.082703149
2015	12	5,941.000	6392.870631	-451.8706306	-0.076059692	-1.506494598
2016	1	7,661.000	7492.566262	168.4337381	0.021985868	0.561542396
2016	2	7,263.000	7110.233304	152.766696	0.021033553	0.509309937
2016	3	6,317.000	6227.25109	89.74891021	0.014207521	0.299214508
2016	4	7,331.000	7273.781854	57.21814605	0.007804958	0.19075997
2016	5	7,637.000	7551.460346	85.53965406	0.011200688	0.28518124
2016	6	8,478.000	8461.654819	16.34518121	0.001927952	0.054493312
2016	7	8,780.000	8583.295139	196.7048611	0.022403743	0.655795687
2016	8	8,643.000	8606.094927	36.90507266	0.004269938	0.123038075
2016	9	7,865.000	8260.425083	-395.4250829	-0.050276552	-1.318310399
2016	10	7,265.000	7220.980743	44.01925689	0.006059086	0.146756103
2016	11	5,925.000	6315.214073	-390.2140729	-0.065858915	-1.300937377
2016	12	5,888.000	5901.226238	-13.2262376	-0.002246304	-0.044095044
2017	1	6,874.000	6904.814037	-30.81403702	-0.004482694	-0.10273113
2017	2	5,822.000	5863.672742	-41.67274178	-0.007157805	-0.13893304
2017	3	6,389.000	6382.723657	6.27634333	0.000982367	0.020924744
2017	4	7,873.000	7649.543803	223.4561969	0.028382598	0.744982149
2017	5	8,072.000	7711.766627	360.2333734	0.044627524	1.200984517
2017	6	8,294.000	8140.340895	153.6591052	0.018526538	0.512285146
2017	7	8,522.000	8239.925986	282.0740135	0.033099509	0.94040849
2017	8	8,453.000	8339.899615	113.100385	0.013379911	0.37706615
2017	9	8,139.000	7998.082488	140.9175116	0.017313861	0.469805859
2017	10	7,704.000	7689.186481	14.81351877	0.001922835	0.049386892
2017	11	5,917.000	5907.246108	9.753891699	0.001648452	0.032518567
2017	12	6,501.000	6539.298829	-38.29882923	-0.005891221	-0.12768473
2018	1	9,286.000	9538.502059	-252.5020594	-0.027191693	-0.841818349
2018	2	6,200.000	6448.257243	-248.2572426	-0.040041491	-0.827666526
2018	3	5,891.000	5519.609802	371.3901983	0.06304366	1.238180332
2018	4	6,272.000	6243.305896	28.69410389	0.004574953	0.09566347
2018	5	7,467.000	7441.700441	25.29955945	0.003388183	0.084346375
2018	6	8,142.000	8295.21342	-153.2134201	-0.018817664	-0.510799273
2018	7	8,086.000	7832.11202	253.8879796	0.031398464	0.846438878

2018	8	8,493.000	8175.681973	317.3180265	0.037362301	1.057908747
2018	9	8,385.000	8680.752032	-295.7520317	-0.03527156	-0.986009729
2018	10	8,013.000	7779.423907	233.5760927	0.029149643	0.778720939
2018	11	6,754.000	6716.011868	37.98813244	0.005624538	0.126648896
2018	12	6,426.000	6334.027143	91.97285726	0.014312614	0.30662894
2019	1	6,708.000	6576.401013	131.5989872	0.019618215	0.438738767
2019	2	6,188.000	6181.96946	6.030539774	0.000974554	0.020105258
2019	3	6,084.000	5995.424377	88.57562262	0.014558781	0.295302876
2019	4	6,940.000	6665.218003	274.7819966	0.039593948	0.916097585
2019	5	8,566.000	8639.107161	-73.10716097	-0.008534574	-0.243732466
2019	6	8,986.000	8875.246258	110.7537418	0.012325144	0.36924266
2019	7	8,610.000	8550.757882	59.24211776	0.006880618	0.197507703
2019	8	8,283.000	8386.317922	-103.3179225	-0.012473491	-0.344452331
2019	9	8,597.000	9088.620621	-491.6206207	-0.057185137	-1.639017363
2019	10	7,582.000	7603.463	-21.46299991	-0.002830783	-0.071555643
2019	11	6,146.000	6315.473278	-169.4732776	-0.027574565	-0.565008124
2019	12	5,488.000	5855.499404	-367.4994044	-0.066964177	-1.225208788
2020	1	7,795.000	8235.157977	-440.1579768	-0.056466706	-1.467445701
2020	2	5,960.000	5690.043196	269.9568042	0.045294766	0.900010843
2020	3	7,177.000	6837.683347	339.3166532	0.047278341	1.13125012
2020	4	7,370.000	7513.436754	-143.4367544	-0.019462246	-0.47820478
2020	5	7,811.000	8031.325064	-220.3250638	-0.028207024	-0.734543243
2020	6	8,747.000	8808.192688	-61.19268793	-0.006995849	-0.204010722
2020	7	8,477.000	8581.339881	-104.3398813	-0.012308586	-0.347859447
2020	8	8,608.000	8728.552699	-120.5526995	-0.014004728	-0.401911473
2020	9	8,624.000	8773.175855	-149.1758546	-0.017297757	-0.497338406
2020	10	7,815.000	8004.485274	-189.4852736	-0.024246356	-0.631726254
2020	11	6,662.000	7025.681078	-363.6810781	-0.054590375	-1.212478843
2020	12	6,663.000	6810.779682	-147.7796823	-0.022179151	-0.492683697
2021	1	6,477.000	6786.900822	-309.9008217	-0.047846352	-1.033180477
2021	2	7,629.000	7976.584172	-347.584172	-0.045560909	-1.158813258
2021	3	6,986.000	6677.399331	308.6006691	0.044174158	1.028845889
2021	4	7,277.000	6896.685214	380.3147855	0.052262579	1.267934075
2021	5	8,144.000	8333.965949	-189.9659493	-0.023325878	-0.633328783
2021	6	8,345.000	8575.487341	-230.4873409	-0.027619813	-0.768423328
2021	7	8,538.000	8738.84815	-200.8481503	-0.023524028	-0.669609027
2021	8		8552.117709			
2021	9		8287.011683			
2021	10		7712.966154			
2021	11		6864.28665			
2021	12		7454.828236			
2022	1		8869.967202			
2022	2		7891.65552			
2022	3		6547.854526			
2022	4		6671.985629			
2022	5		8020.730516			
2022	6		8587.65637			

2022	7	8587.907175
2022	8	8766.609701
2022	9	8344.235218
2022	10	7689.132374
2022	11	6800.259199
2022	12	7371.294336
2023	1	8912.832714
2023	2	7926.560879
2023	3	6579.850916
2023	4	6703.261474
2023	5	8052.924805
2023	6	8641.214807
2023	7	8635.064483
2023	8	8814.519734
2023	9	8383.580862
2023	10	7729.11667
2023	11	6811.323278
2023	12	7397.507807
2024	1	8991.905254
2024	2	8002.600713
2024	3	6629.275031
2024	4	6755.940276
2024	5	8122.509793
2024	6	8720.503665
2024	7	8716.487294
2024	8	8899.620075
2024	9	8458.608948
2024	10	7793.58679
2024	11	6859.457028
2024	12	7453.362307
2025	1	9022.374171
2025	2	8015.854208
2025	3	6647.627311
2025	4	6777.269787
2025	5	8151.417716
2025	6	8754.366956
2025	7	8751.767394
2025	8	8936.762565
2025	9	8489.849068
2025	10	7819.094465
2025	11	6878.191057
2025	12	7474.519179
2026	1	9083.507665
2026	2	8070.184144
2026	3	6691.665509
2026	4	6824.148345
2026	5	8208.219964

2026	6	8816.502664
2026	7	8814.927838
2026	8	9002.093793
2026	9	8549.357018
2026	10	7872.833987
2026	11	6926.036472
2026	12	7525.977006
2027	1	9156.048703
2027	2	8135.721805
2027	3	6745.516613
2027	4	6881.652125
2027	5	8277.42831
2027	6	8891.789171
2027	7	8891.210408
2027	8	9080.875521
2027	9	8621.738201
2027	10	7938.802659
2027	11	6985.784931
2027	12	7589.235459
2028	1	9256.207594
2028	2	8238.185434
2028	3	6820.865971
2028	4	6960.90796
2028	5	8372.134032
2028	6	8993.794389
2028	7	8993.919464
2028	8	9186.630014
2028	9	8720.372913
2028	10	8029.823437
2028	11	7068.803133
2028	12	7676.924217
2029	1	9326.926241
2029	2	8291.429715
2029	3	6876.74184
2029	4	7022.564719
2029	5	8448.668033
2029	6	9077.750666
2029	7	9079.252283
2029	8	9274.913073
2029	9	8800.955861
2029	10	8102.229614
2029	11	7130.208534
2029	12	7739.365627
2030	1	9393.801791
2030	2	8352.538109
2030	3	6932.09081
2030	4	7083.630626

2030	5	8524.414062
2030	6	9161.013676
2030	7	9163.942219
2030	8	9362.389567
2030	9	8880.662156
2030	10	8173.544305
2030	11	7188.041416
2030	12	7797.51708
2031	1	9466.572806
2031	2	8420.289468
2031	3	6993.894791
2031	4	7151.401222
2031	5	8608.222442
2031	6	9252.173366
2031	7	9256.144481
2031	8	9457.190571
2031	9	8968.302053
2031	10	8252.721077
2031	11	7253.885812
2031	12	7862.700115
2032	1	9522.288179
2032	2	8481.246833
2032	3	7033.031495
2032	4	7197.593129
2032	5	8672.52117
2032	6	9322.020812
2032	7	9328.450469
2032	8	9533.046415
2032	9	9036.347797
2032	10	8310.118969
2032	11	7302.598858
2032	12	7910.012596
2033	1	9586.269646
2033	2	8530.855451
2033	3	7091.434884
2033	4	7264.073381
2033	5	8755.424697
2033	6	9413.011968
2033	7	9420.854727
2033	8	9628.476672
2033	9	9123.673191
2033	10	8388.425213
2033	11	7366.084437
2033	12	7970.427779
2034	1	9665.407882
2034	2	8606.33169
2034	3	7162.533129

2034	4	7343.329972
2034	5	8852.993092
2034	6	9519.133855
2034	7	9528.091969
2034	8	9738.916733
2034	9	9225.805029
2034	10	8481.044009
2034	11	7442.752855
2034	12	8044.410603
2035	1	9749.114014
2035	2	8686.410491
2035	3	7237.84206
2035	4	7427.3471
2035	5	8956.416565
2035	6	9631.577496
2035	7	9641.662449
2035	8	9855.913463
2035	9	9334.176731
2035	10	8579.47957
2035	11	7524.689729
2035	12	8123.366163
2036	1	9852.376264
2036	2	8796.720189
2036	3	7328.885079
2036	4	7527.172835
2036	5	9077.726854
2036	6	9762.452924
2036	7	9773.237468
2036	8	9991.137922
2036	9	9460.534791
2036	10	8695.417451
2036	11	7623.811561
2036	12	8220.237293
2037	1	9924.178393
2037	2	8855.161399
2037	3	7398.163178
2037	4	7607.014667
2037	5	9177.917987
2037	6	9872.316481
2037	7	9884.648158
2037	8	10106.19405
2037	9	9566.174439
2037	10	8790.281492
2037	11	7699.639468
2037	12	8290.492771
2038	1	10013.50167
2038	2	8941.837363

2038	3	7481.037251
2038	4	7699.805186
2038	5	9292.15274
2038	6	9996.165652
2038	7	10009.3902
2038	8	10234.56531
2038	9	9685.624865
2038	10	8899.191101
2038	11	7790.267482
2038	12	8376.688057
2039	1	10103.41188
2039	2	9029.494493
2039	3	7565.384906
2039	4	7794.197858
2039	5	9408.371954
2039	6	10121.97055
2039	7	10135.95674
2039	8	10364.75778
2039	9	9807.108513
2039	10	9010.208753
2039	11	7882.546458
2039	12	8464.107217
2040	1	10203.43753
2040	2	9138.573952
2040	3	7660.77129
2040	4	7899.770762
2040	5	9536.872822
2040	6	10260.7988
2040	7	10275.48799
2040	8	10507.96665
2040	9	9940.876963
2040	10	9132.682581
2040	11	7983.239357
2040	12	8559.813057
2041	1	10270.78962
2041	2	9193.896678
2041	3	7732.251493
2041	4	7983.04298
2041	5	9641.994606
2041	6	10376.3394
2041	7	10392.78237
2041	8	10628.94927
2041	9	10051.75297
2041	10	9231.927086
2041	11	8058.636526
2041	12	8627.215169
2042	1	10368.67307

2042	2	9290.683984
2042	3	7831.6956
2042	4	8094.681932
2042	5	9781.00532
2042	6	10527.0911
2042	7	10543.91058
2042	8	10783.98261
2042	9	10196.43111
2042	10	9364.947031
2042	11	8162.935327
2042	12	8724.173547
2043	1	10462.22353
2043	2	9382.279364
2043	3	7924.13169
2043	4	8198.866645
2043	5	9911.450947
2043	6	10668.7969
2043	7	10686.50425
2043	8	10930.63564
2043	9	10333.09393
2043	10	9489.325469
2043	11	8260.745434
2043	12	8815.029389
2044	1	10577.09671
2044	2	9505.962648
2044	3	8033.301622
2044	4	8319.396861
2044	5	10060.55768
2044	6	10829.5353
2044	7	10847.4428
2044	8	11095.75972
2044	9	10488.33953
2044	10	9632.142864
2044	11	8376.462332
2044	12	8924.897869
2045	1	10670.25088
2045	2	9586.18682
2045	3	8127.756761
2045	4	8426.303061
2045	5	10194.58427
2045	6	10974.78184
2045	7	10993.44021
2045	8	11245.835
2045	9	10628.69104
2045	10	9760.231934
2045	11	8477.3802
2045	12	9017.63682

2046	1	10769.67186
2046	2	9683.486096
2046	3	8227.355859
2046	4	8538.799608
2046	5	10337.93098
2046	6	11130.47696
2046	7	11149.81014
2046	8	11406.64062
2046	9	10779.05266
2046	10	9897.072214
2046	11	8581.789807
2046	12	9113.807684
2047	1	10886.26338
2047	2	9797.189217
2047	3	8341.115736
2047	4	8665.626283
2047	5	10497.51332
2047	6	11302.91376
2047	7	11322.5673
2047	8	11584.05372
2047	9	10945.78059
2047	10	10049.86213
2047	11	8701.813467
2047	12	9226.074049
2048	1	11028.13294
2048	2	9946.863292
2048	3	8474.769764
2048	4	8811.972374
2048	5	10679.75767
2048	6	11498.66711
2048	7	11517.91542
2048	8	11784.28362
2048	9	11135.22135
2048	10	10224.93277
2048	11	8842.575854
2048	12	9360.294268
2049	1	11135.96296
2049	2	10040.10985
2049	3	8583.867645
2049	4	8935.076565
2049	5	10837.54596
2049	6	11669.68185
2049	7	11689.47592
2049	8	11960.63664
2049	9	11300.80626
2049	10	10375.98973
2049	11	8956.957151

2049	12	9465.310188
2050	1	11270.61023
2050	2	10171.37717
2050	3	8714.986484
2050	4	9079.840399
2050	5	11020.16344
2050	6	11865.91964
2050	7	11885.28889
2050	8	12161.39428
2050	9	11491.08907
2050	10	10551.60283
2050	11	9094.73857
2050	12	9594.557949

Variable	Coefficient	Mean	Elast	Units	Definition
CoolVar	262.681	8.410	0.301		
HeatVar	283.319	1.313	0.051		
BaseVar	0.016	299,014.126	0.659		
44513	-893.340	0.009	-0.001		
44300	635.944	0.009	0.001		
44514	-1255.277	0.009	-0.001		
44211	-1361.558	0.009	-0.002		
44484	-404.277	0.009	-0.000		
44302	566.892	0.009	0.001		
44546	-1417.220	0.009	-0.002		
44213	-709.484	0.009	-0.001		
44244	-524.373	0.009	-0.001		
44303	732.029	0.009	0.001		
44486	-542.226	0.009	-0.001		
44214	1381.515	0.009	0.002		
44518	-1092.693	0.009	-0.001		
44548	-1428.021	0.009	-0.002		
44246	-848.846	0.009	-0.001		
44519	-719.183	0.009	-0.001		
44549	-714.230	0.009	-0.001		
44247	-961.848	0.009	-0.001		
44306	-852.505	0.009	-0.001		
44550	-1301.212	0.009	-0.002		
44217	-495.933	0.009	-0.001		
44276	403.252	0.009	0.000		

Year	Month	Pred	CoolVar	HeatVar	BaseVar	13-Nov	14-Apr	14-Nov	15-Jan	15-Oct	16-Apr	16-Dec	17-Jan	17-Feb	17-Apr	17-Oct	18-Jan	18-Nov	18-Dec	19-Feb	19-Nov	19-Dec	20-Feb	20-Apr	20-Dec	21-Jan	21-Mar	ARMA	X-Missing
2010	11		210.121	57.789		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2010	12		0.000	1,125.564		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	1		0.000	2,924.609		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	2		513.008	967.992		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	3		1,222.670	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	4		2,383.352	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	5		2,513.741	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	6		3,293.942	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	7		3,238.366	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	8		3,296.079	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	9		2,669.781	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	10		1,558.263	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	11		1,306.034	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2011	12		128.252	295.762		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.000
2012	1	7,834.612	195.474	2,530.367	5,108.771	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2012	2	7,848.289	936.557	1,827.997	5,096.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-12.475	0.000
2012	3	5,320.291	1,121.291	0.000	4,358.116	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-159.117	0.000
2012	4	6,330.678	1,763.563	0.000	4,279.147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	287.968	0.000
2012	5	7,790.209	2,764.563	0.000	4,712.314	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	313.332	0.000
2012	6	7,058.555	2,489.610	0.000	4,674.198	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-105.252	0.000
2012	7	7,923.463	3,000.850	0.000	4,487.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	435.301	0.000
2012	8	7,495.209	2,912.779	0.000	4,386.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	196.219	0.000
2012	9	7,974.180	2,889.151	0.000	4,690.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	394.479	0.000
2012	10	6,743.696	2,188.881	0.000	4,684.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-130.155	0.000
2012	11	5,122.950	55.850	0.000	4,890.646	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	176.455	0.000
2012	12	6,277.895	302.878	908.949	5,072.830	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-6.762	0.000
2013	1	5,494.095	601.292	138.826	5,052.509	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-298.532	0.000
2013	2	7,053.952	981.745	1,240.550	4,962.210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-130.553	0.000
2013	3	6,590.202	789.332	1,426.585	4,286.891	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	87.395	0.000
2013	4	6,610.674	1,941.626	0.000	4,285.941	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	383.108	0.000
2013	5	7,044.615	2,311.147	0.000	4,656.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.093	0.000
2013	6	7,724.987	2,884.014	0.000	4,681.614	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	159.360	0.000
2013	7	7,380.171	2,833.724	0.000	4,431.731	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	114.716	0.000
2013	8	8,012.267	3,135.463	0.000	4,431.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	445.262	0.000
2013	9	7,732.063	2,768.128	0.000	4,656.804	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	307.130	0.000
2013	10	7,008.305	2,234.619	0.000	4,664.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	109.212	0.000
2013	11	6,313.037	1,578.664	671.692	4,889.562	-893.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	66.459	0.000
2013	12	5,794.880	990.491	0.000	4,977.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-172.683	0.000
2014	1	7,561.287	610.002	2,108.531	5,155.069	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-312.315	0.000
2014	2	6,089.947	709.821	360.856	5,051.296	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-32.026	0.000
2014	3	5,126.534	499.093	55.190	4,395.682	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	176.569	0.000
2014	4	7,031.162	2,107.280	0.000	4,284.040	0.000	635.944	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.898	0.000
2014	5	7,428.777	2,679.572	0.000	4,743.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.426	0.000
2014	6	8,203.119	3,498.084	0.000	4,721.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-16.185	0.000
2014	7	7,756.775	3,387.175	0.000	4,503.358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-133.757	0.000
2014	8	7,955.063	3,371.647	0.000	4,502.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	81.310	0.000
2014	9	8,026.261	2,979.028	0.000	4,678.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	369.198	0.000
2014	10	7,011.682	2,251.462	0.000	4,785.642	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-25.422	0.000
2014	11	6,557.202	1,446.259	1,280.213	4,940.329	0.000	0.000	-1,255.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	145.677	0.000
2014	12	6,369.729	918.330	604.729	5,049.762	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-203.091	0.000
2015	1	5,904.286	890.150	1,361.578	5,377.308	0.000	0.000	0.000	-1,361.558	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-363.191	0.000
2015	2	7,931.370	0.000	2,456.180	5,276.644	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	198.546	0.000
2015	3	6,694.711	1,594.568	0.000	4,623.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	476.992	0.000
2015	4	6,931.190	2,545.873	0.000	4,591.780	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-206.463	0.000
2015	5	7,408.021	2,736.134	0.000	4,952.163	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-280.276	0.000
2015	6	8,528.395	3,467.733	0.000	4,954.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	106.440	0.000
2015	7	7,771.832	3,263.882	0.000	4,579.512	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-71.562	0.000
2015	8	8,448.198	3,424.698	0.000	4,797.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	225.742	0.000
2015	9	8,176.562	3,130.246	0.000	4,947.445	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	98.871	0.000
2015	10	7,281.778	2,697.629	0.000	4,975.050	0.000	0.000	0.000	0.000	-404.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.377	0.000

2015	11	7,399.755	2,260.482	0.000	5,244.084	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-104.811	0.000
2015	12	6,392.871	1,277.467	0.000	5,394.216	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-278.812	0.000
2016	1	7,492.566	514.647	2,099.577	5,307.261	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-428.918	0.000
2016	2	7,110.233	921.685	988.449	5,233.809	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-33.710	0.000
2016	3	6,227.251	1,445.689	0.000	4,643.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	138.094	0.000
2016	4	7,273.782	2,018.818	0.000	4,551.252	0.000	0.000	0.000	0.000	0.000	566.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	136.819	0.000
2016	5	7,551.460	2,444.571	0.000	5,016.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	90.422	0.000
2016	6	8,461.655	3,389.649	0.000	4,987.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	84.594	0.000
2016	7	8,583.295	3,780.313	0.000	4,767.798	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	35.184	0.000
2016	8	8,606.095	3,773.295	0.000	4,689.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	143.424	0.000
2016	9	8,260.425	3,207.184	0.000	4,973.365	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	79.877	0.000
2016	10	7,220.981	2,489.018	0.000	4,992.697	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-260.734	0.000
2016	11	6,315.214	1,251.527	0.000	5,152.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-88.384	0.000
2016	12	5,901.226	1,195.384	1,121.143	5,296.204	0.000	0.000	0.000	0.000	0.000	0.000	-1,417.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-294.285	0.000
2017	1	6,904.814	1,028.047	1,814.570	4,890.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-709.484	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-119.048	0.000
2017	2	5,863.673	427.363	1,057.228	4,946.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-524.373	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-42.687	0.000
2017	3	6,382.724	1,111.145	830.534	4,469.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-28.827	0.000
2017	4	7,649.544	2,519.070	0.000	4,397.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	732.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.437	0.000
2017	5	7,711.767	2,813.476	0.000	4,734.334	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	163.956	0.000
2017	6	8,140.341	3,096.011	0.000	4,719.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	324.891	0.000
2017	7	8,239.926	3,473.515	0.000	4,535.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	230.793	0.000
2017	8	8,339.900	3,573.233	0.000	4,502.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	264.520	0.000
2017	9	7,998.082	3,069.894	0.000	4,766.552	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	161.636	0.000
2017	10	7,689.186	3,088.888	205.855	4,800.293	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-542.226	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	136.376	0.000
2017	11	5,907.246	897.463	137.236	4,827.895	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44.652	0.000
2017	12	6,539.299	384.627	1,262.575	4,884.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.334	0.000
2018	1	9,538.502	0.000	2,974.797	5,215.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,381.515	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-33.162	0.000
2018	2	6,448.257	1,437.015	41.627	5,165.572	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-195.958	0.000
2018	3	5,519.610	1,120.921	34.343	4,620.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-255.700	0.000
2018	4	6,243.306	1,563.453	0.000	4,506.224	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	173.628	0.000
2018	5	7,441.700	2,334.238	0.000	4,988.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	119.437	0.000
2018	6	8,295.213	3,224.167	0.000	5,010.280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.767	0.000
2018	7	7,832.112	3,160.948	0.000	4,766.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-95.356	0.000
2018	8	8,175.682	3,323.858	0.000	4,720.449	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	131.375	0.000
2018	9	8,680.752	3,421.118	0.000	4,974.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	285.110	0.000
2018	10	7,779.424	2,878.894	0.000	5,000.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-100.142	0.000
2018	11	6,716.012	1,760.405	922.567	5,029.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1,092.693	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	96.713	0.000
2018	12	6,334.027	1,578.042	1,016.228	5,099.901	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1,428.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	67.876	0.000
2019	1	6,576.401	244.732	1,202.203	5,044.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	85.427	0.000
2019	2	6,181.969	1,657.862	198.804	5,053.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-848.846	0.000	0.000	0.000	0.000	0.000	0.000	120.739	0.000
2019	3	5,995.424	811.763	610.440	4,528.216	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	45.005	0.000
2019	4	6,665.218	2,110.735	0.000	4,486.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	68.458	0.000
2019	5	8,639.107	3,464.968	0.000	4,958.577	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	215.562	0.000
2019	6	8,875.246	3,898.293	0.000	4,946.886	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.067	0.000
2019	7	8,550.758	3,845.662	0.000	4,634.747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	70.349	0.000
2019	8	8,386.318	3,671.606	0.000	4,651.981	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	62.731	0.000
2019	9	9,088.621	4,193.776	0.000	4,950.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-55.495	0.000
2019	10	7,603.463	2,975.755	0.000	5,006.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-379.169	0.000
2019	11	6,315.473	2,043.944	200.175	4,961.406	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-719.183	0.000	0.000	0.000	0.000	0.000	-170.868	0.000
2019	12	5,855.499	1,102.108	587.141	5,038.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-714.230	0.000	0.000	0.000	0.000	-158.394	0.000
2020	1	8,235.158	1,183.523	2,147.644	5,206.262	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-302.271	0.000
2020	2	5,690.043	1,595.544	209.965	5,263.740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-961.848	0.000	0.000	0.000	-417.358	0.000
2020	3	6,837.683	2,109.325	0.000	4,679.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	48.816	0.000
2020	4	7,513.437	3,546.350	0.000	4,514.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-852.505	0.000	0.000	305.353	0.000
2020	5	8,031.325	3,087.412	0.000	4,909.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	34.587	0.000
2020	6	8,808.193	4,211.746	0.000	4,761.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-164.984	0.000
2020	7	8,581.340	3,970.260	0.000	4,732.956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-121.877	0.000
2020	8	8,728.553	4,087.743	0.000	4,754.369	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-113.559	0.000
2020	9	8,773.176	3,938.557	0.000	4,953.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-119.144	0.000
2020	10	8,004.485	3,146.601	0.000	4,999.629	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-141.745	0.000
2020	11	7,025.681	2,142.051	0.000	5,062.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-179.247	0.000

2020	12	6,810.780	512.502	2,765.238	5,150.470	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1,301.212	0.000	0.000	-316.219	0.000
2021	1	6,786.901	797.237	1,590.862	5,111.351	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-495.933	0.000	-216.617	0.000
2021	2	7,976.584	1,408.364	1,776.011	5,069.402	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-277.193	0.000
2021	3	6,677.399	2,021.199	0.000	4,586.839	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	403.252	-333.891	0.000
2021	4	6,896.685	2,217.028	0.000	4,568.626	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	111.031	0.000
2021	5	8,333.966	3,115.397	0.000	4,865.308	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	353.261	0.000
2021	6	8,575.487	3,591.769	0.000	4,969.456	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.262	0.000
2021	7	8,738.848	4,202.240	0.000	4,723.472	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-186.864	0.000
2021	8	8,552.118	4,066.653	0.000	4,715.472	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-230.007	0.000
2021	9	8,287.012	3,398.830	0.000	4,971.088	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-82.906	0.000
2021	10	7,712.966	2,738.187	3.494	4,982.540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-11.256	0.000
2021	11	6,864.287	1,665.573	160.736	5,028.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.138	0.000
2021	12	7,454.828	918.596	1,431.798	5,095.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.796	0.000
2022	1	8,869.967	213.642	3,553.918	5,098.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.344	0.000
2022	2	7,891.656	572.100	2,282.612	5,035.681	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.262	0.000
2022	3	6,547.855	1,270.351	713.879	4,563.627	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	0.000
2022	4	6,671.986	2,168.532	0.000	4,503.716	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.262	0.000
2022	5	8,020.731	3,072.729	0.000	4,948.187	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.185	0.000
2022	6	8,587.656	3,664.822	0.000	4,922.911	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.077	0.000
2022	7	8,587.907	3,884.126	0.000	4,703.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.016	0.000
2022	8	8,766.610	4,108.649	0.000	4,657.956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
2022	9	8,344.235	3,433.930	0.000	4,910.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000
2022	10	7,689.132	2,766.465	3.470	4,919.194	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000
2022	11	6,800.259	1,682.773	159.640	4,957.844	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
2022	12	7,371.294	928.082	1,422.036	5,021.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	1	8,912.833	216.393	3,605.382	5,091.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	2	7,926.561	579.468	2,315.666	5,031.428	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	3	6,579.851	1,286.710	724.216	4,568.924	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	4	6,703.261	2,196.458	0.000	4,506.804	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	5	8,052.925	3,112.298	0.000	4,940.627	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	6	8,641.215	3,712.016	0.000	4,929.199	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	7	8,635.064	3,934.144	0.000	4,700.921	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	8	8,814.520	4,161.558	0.000	4,652.962	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	9	8,383.581	3,478.150	0.000	4,905.431	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	10	7,729.117	2,802.089	3.521	4,923.506	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	11	6,811.323	1,704.443	161.952	4,944.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2023	12	7,397.508	940.033	1,442.629	5,014.846	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	1	8,991.905	220.052	3,662.498	5,109.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	2	8,002.601	589.266	2,352.350	5,060.985	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	3	6,629.275	1,308.467	735.689	4,585.118	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	4	6,755.940	2,233.597	0.000	4,522.343	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	5	8,122.510	3,164.923	0.000	4,957.586	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	6	8,720.504	3,774.782	0.000	4,945.722	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	7	8,716.487	4,000.666	0.000	4,715.822	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	8	8,899.620	4,231.925	0.000	4,667.695	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	9	8,458.609	3,536.962	0.000	4,921.647	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	10	7,793.587	2,849.470	3.576	4,940.541	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	11	6,859.457	1,733.263	164.518	4,961.676	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2024	12	7,453.362	955.928	1,465.482	5,031.952	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	1	9,022.374	222.125	3,688.160	5,112.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	2	8,015.854	594.817	2,368.832	5,052.205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	3	6,647.627	1,320.794	740.844	4,585.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	4	6,777.270	2,254.640	0.000	4,522.630	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	5	8,151.418	3,194.740	0.000	4,956.677	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	6	8,754.367	3,810.344	0.000	4,944.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2025	7	8,751.767	4,038.356	0.000	4,713.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	8	8,936.763	4,271.795	0.000	4,664.968	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	9	8,489.849	3,570.284	0.000	4,919.565	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	10	7,819.094	2,876.315	3.602	4,939.178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	11	6,878.191	1,749.593	165.670	4,962.928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2025	12	7,474.519	964.934	1,475.751	5,033.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2026	1	9,083.508	224.366	3,716.053	5,143.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	2	8,070.184	600.819	2,386.747	5,082.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2026	3	6,691.666	1,334.121	746.447	4,611.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	4	6,824.148	2,277.389	0.000	4,546.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	5	8,208.220	3,226.975	0.000	4,981.245	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	6	8,816.503	3,848.790	0.000	4,967.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	7	8,814.928	4,079.103	0.000	4,735.825	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	8	9,002.094	4,314.896	0.000	4,687.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	9	8,549.357	3,606.307	0.000	4,943.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	10	7,872.834	2,905.336	3.629	4,963.869	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	11	6,926.036	1,767.246	166.923	4,991.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	12	7,525.977	974.670	1,486.911	5,064.395	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	1	9,156.049	226.901	3,745.226	5,183.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	2	8,135.722	607.607	2,405.485	5,122.630	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	3	6,745.517	1,349.194	752.307	4,644.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	4	6,881.652	2,303.118	0.000	4,578.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	5	8,277.428	3,263.432	0.000	5,013.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	6	8,891.789	3,892.273	0.000	4,999.516	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	7	8,891.210	4,125.187	0.000	4,766.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	8	9,080.876	4,363.645	0.000	4,717.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	9	8,621.738	3,647.051	0.000	4,974.688	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	10	7,938.803	2,938.160	3.657	4,996.985	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	11	6,985.785	1,787.212	168.234	5,030.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	12	7,589.235	985.682	1,498.585	5,104.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2028	1	9,256.208	229.909	3,781.523	5,244.776	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	2	8,238.185	615.662	2,428.797	5,193.726	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	3	6,820.866	1,367.080	759.598	4,694.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	4	6,960.908	2,333.651	0.000	4,627.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	5	8,372.134	3,306.696	0.000	5,065.438	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	6	8,993.794	3,943.873	0.000	5,049.921	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	7	8,993.919	4,179.875	0.000	4,814.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	8	9,186.630	4,421.494	0.000	4,765.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	9	8,720.373	3,695.399	0.000	5,024.973	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	10	8,029.823	2,977.111	3.693	5,049.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	11	7,068.803	1,810.905	169.864	5,088.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	12	7,676.924	998.749	1,513.108	5,165.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2029	1	9,326.926	232.860	3,810.296	5,283.770	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	2	8,291.430	623.563	2,447.278	5,220.589	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2029	3	6,876.742	1,384.624	765.378	4,726.740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	4	7,022.565	2,363.600	0.000	4,658.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	5	8,448.668	3,349.132	0.000	5,099.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	6	9,077.751	3,994.486	0.000	5,083.264	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	7	9,079.252	4,233.517	0.000	4,845.735	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	8	9,274.913	4,478.237	0.000	4,796.676	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	9	8,800.956	3,742.824	0.000	5,058.132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	10	8,102.230	3,015.318	3.721	5,083.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	11	7,130.209	1,834.145	171.157	5,124.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	12	7,739.366	1,011.566	1,524.621	5,203.178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	1	9,393.802	235.756	3,839.582	5,318.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	2	8,352.538	631.318	2,466.088	5,255.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	3	6,932.091	1,401.843	771.260	4,758.987	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	4	7,083.631	2,392.993	0.000	4,690.637	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	5	8,524.414	3,390.782	0.000	5,133.632	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	6	9,161.014	4,044.162	0.000	5,116.852	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	7	9,163.942	4,286.165	0.000	4,877.777	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	8	9,362.390	4,533.928	0.000	4,828.461	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	9	8,880.662	3,789.370	0.000	5,091.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2030	10	8,173.544	3,052.816	3.749	5,116.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	11	7,188.041	1,856.954	172.472	5,158.615	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	12	7,797.517	1,024.146	1,536.339	5,237.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	1	9,466.573	238.710	3,866.093	5,361.770	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2031	2	8,420.289	639.228	2,483.115	5,297.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	3	6,993.895	1,419.408	776.586	4,797.901	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	4	7,151.401	2,422.977	0.000	4,728.425	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2031	5	8,608.222	3,433.267	0.000	5,174.956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	6	9,252.173	4,094.833	0.000	5,157.340	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	7	9,256.144	4,339.869	0.000	4,916.275	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	8	9,457.191	4,590.737	0.000	4,866.454	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	9	8,968.302	3,836.849	0.000	5,131.453	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	10	8,252.721	3,091.067	3.775	5,157.879	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	11	7,253.886	1,880.221	173.663	5,200.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2031	12	7,862.700	1,036.978	1,546.947	5,278.775	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2032	1	9,522.288	241.947	3,895.285	5,385.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2032	2	8,481.247	647.897	2,501.865	5,331.486	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	3	7,033.031	1,438.657	782.449	4,811.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	4	7,197.593	2,455.836	0.000	4,741.757	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	5	8,672.521	3,479.828	0.000	5,192.693	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	6	9,322.021	4,150.366	0.000	5,171.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	7	9,328.450	4,398.725	0.000	4,929.725	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	8	9,533.046	4,652.995	0.000	4,880.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2032	9	9,036.348	3,888.883	0.000	5,147.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	10	8,310.119	3,132.987	3.804	5,173.328	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	11	7,302.599	1,905.720	174.974	5,221.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	12	7,910.013	1,051.041	1,558.628	5,300.343	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	1	9,586.270	245.016	3,916.720	5,424.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	2	8,530.855	656.114	2,515.632	5,359.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	3	7,091.435	1,456.904	786.755	4,847.776	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	4	7,264.073	2,486.984	0.000	4,777.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	5	8,755.425	3,523.962	0.000	5,231.462	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	6	9,413.012	4,203.005	0.000	5,210.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	7	9,420.855	4,454.514	0.000	4,966.341	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	8	9,628.477	4,712.009	0.000	4,916.468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2033	9	9,123.673	3,938.206	0.000	5,185.467	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	10	8,388.425	3,172.723	3.825	5,211.878	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	11	7,366.084	1,929.890	175.937	5,260.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	12	7,970.428	1,064.372	1,567.205	5,338.851	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2034	1	9,665.408	248.278	3,940.976	5,476.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	2	8,606.332	664.851	2,531.211	5,410.269	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	3	7,162.533	1,476.305	791.628	4,894.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	4	7,343.330	2,520.102	0.000	4,823.228	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	5	8,852.993	3,570.891	0.000	5,282.103	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	6	9,519.134	4,258.976	0.000	5,260.158	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	7	9,528.092	4,513.834	0.000	5,014.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	8	9,738.917	4,774.758	0.000	4,964.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	9	9,225.805	3,990.651	0.000	5,235.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2034	10	8,481.044	3,214.973	3.848	5,262.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	11	7,442.753	1,955.590	177.027	5,310.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	12	8,044.411	1,078.546	1,576.911	5,388.954	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2035	1	9,749.114	251.710	3,965.634	5,531.770	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	2	8,686.410	674.041	2,547.049	5,465.321	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	3	7,237.842	1,496.711	796.581	4,944.551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	4	7,427.347	2,554.935	0.000	4,872.412	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2035	5	8,956.417	3,620.247	0.000	5,336.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	6	9,631.577	4,317.843	0.000	5,313.734	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	7	9,641.662	4,576.224	0.000	5,065.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	8	9,855.913	4,840.754	0.000	5,015.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	9	9,334.177	4,045.809	0.000	5,288.368	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	10	8,579.480	3,259.410	3.872	5,316.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	11	7,524.690	1,982.620	178.134	5,363.935	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2035	12	8,123.366	1,093.453	1,586.777	5,443.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2036	1	9,852.376	255.397	3,993.623	5,603.356	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	2	8,796.720	683.914	2,565.025	5,547.781	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

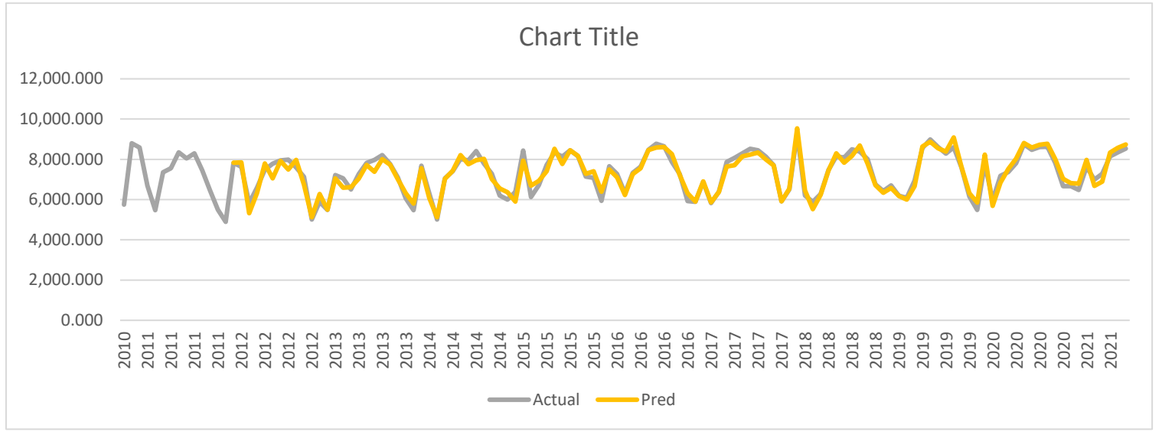
2036	3	7,328.885	1,518.634	802.203	5,008.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	4	7,527.173	2,592.359	0.000	4,934.814	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	5	9,077.727	3,673.276	0.000	5,404.451	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	6	9,762.453	4,381.090	0.000	5,381.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	7	9,773.237	4,643.255	0.000	5,129.982	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	8	9,991.138	4,911.660	0.000	5,079.478	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	9	9,460.535	4,105.071	0.000	5,355.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	10	8,695.417	3,307.154	3.900	5,384.364	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2036	11	7,623.812	2,011.661	179.392	5,432.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2036	12	8,220.237	1,109.470	1,597.976	5,512.791	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	1	9,924.178	259.016	4,014.098	5,651.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2037	2	8,855.161	693.604	2,578.176	5,583.382	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	3	7,398.163	1,540.150	806.316	5,051.697	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	4	7,607.015	2,629.088	0.000	4,977.927	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	5	9,177.918	3,725.319	0.000	5,452.599	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	6	9,872.316	4,443.162	0.000	5,429.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	7	9,884.648	4,709.041	0.000	5,175.607	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	8	10,106.194	4,981.249	0.000	5,124.945	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	9	9,566.174	4,163.232	0.000	5,402.943	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	10	8,790.281	3,354.009	3.920	5,432.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	11	7,699.639	2,040.163	180.311	5,479.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2037	12	8,290.493	1,125.189	1,606.169	5,559.135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	1	10,013.502	262.658	4,036.776	5,714.068	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	2	8,941.837	703.358	2,592.741	5,645.738	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	3	7,481.037	1,561.808	810.871	5,108.358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	4	7,699.805	2,666.059	0.000	5,033.746	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	5	9,292.153	3,777.705	0.000	5,514.447	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	6	9,996.166	4,505.643	0.000	5,490.523	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	7	10,009.390	4,775.262	0.000	5,234.129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	8	10,234.565	5,051.297	0.000	5,183.268	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2038	9	9,685.625	4,221.777	0.000	5,463.848	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	10	8,899.191	3,401.175	3.942	5,494.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2038	11	7,790.267	2,068.852	181.330	5,540.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2038	12	8,376.688	1,141.012	1,615.243	5,620.433	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	1	10,103.412	266.272	4,058.241	5,778.899	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	2	9,029.494	713.036	2,606.528	5,709.930	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	3	7,565.385	1,583.300	815.183	5,166.902	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	4	7,794.198	2,702.746	0.000	5,091.451	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	5	9,408.372	3,829.690	0.000	5,578.682	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	6	10,121.971	4,567.645	0.000	5,554.326	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	7	10,135.957	4,840.973	0.000	5,294.983	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	8	10,364.758	5,120.807	0.000	5,243.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	9	9,807.109	4,279.872	0.000	5,527.236	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	10	9,010.209	3,447.978	3.963	5,558.268	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	11	7,882.546	2,097.321	182.294	5,602.931	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2039	12	8,464.107	1,156.713	1,623.832	5,683.562	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	1	10,203.438	270.117	4,083.798	5,849.522	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	2	9,138.574	723.333	2,622.943	5,792.298	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	3	7,660.771	1,606.163	820.316	5,234.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	4	7,899.771	2,741.774	0.000	5,157.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	5	9,536.873	3,884.991	0.000	5,651.882	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	6	10,260.799	4,633.602	0.000	5,627.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2040	7	10,275.488	4,910.878	0.000	5,364.610	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	8	10,507.967	5,194.753	0.000	5,313.214	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	9	9,940.877	4,341.674	0.000	5,599.203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	10	9,132.683	3,497.767	3.988	5,630.927	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	11	7,983.239	2,127.607	183.442	5,672.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2040	12	8,559.813	1,173.416	1,634.058	5,752.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	1	10,270.790	273.873	4,102.457	5,894.460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	2	9,193.897	733.390	2,634.927	5,825.580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	3	7,732.251	1,628.495	824.064	5,279.692	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

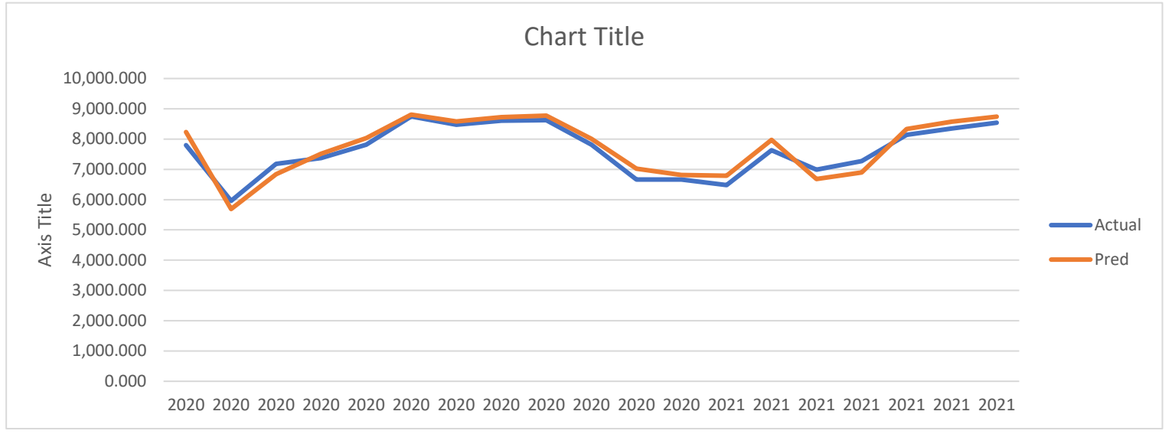
2041	4	7,983.043	2,779.896	0.000	5,203.147	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	5	9,641.995	3,939.008	0.000	5,702.986	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	6	10,376.339	4,698.028	0.000	5,678.312	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	7	10,392.782	4,979.159	0.000	5,413.624	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	8	10,628.949	5,266.980	0.000	5,361.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	9	10,051.753	4,402.041	0.000	5,649.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	10	9,231.927	3,546.400	4.006	5,681.521	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2041	11	8,058.637	2,157.189	184.280	5,717.167	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2041	12	8,627.215	1,189.732	1,641.524	5,795.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	1	10,368.673	277.826	4,126.081	5,964.766	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	2	9,290.684	743.976	2,650.100	5,896.608	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	3	7,831.696	1,652.002	828.810	5,350.884	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	4	8,094.682	2,820.023	0.000	5,274.659	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	5	9,781.005	3,995.866	0.000	5,785.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	6	10,527.091	4,765.842	0.000	5,761.249	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2042	7	10,543.911	5,051.031	0.000	5,492.880	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	8	10,783.983	5,343.007	0.000	5,440.975	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	9	10,196.431	4,465.583	0.000	5,730.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2042	10	9,364.947	3,597.591	4.029	5,763.327	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2042	11	8,162.935	2,188.328	185.341	5,789.266	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2042	12	8,724.174	1,206.905	1,650.977	5,866.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	1	10,462.224	281.877	4,150.276	6,030.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	2	9,382.279	754.822	2,665.640	5,961.817	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	3	7,924.132	1,676.086	833.670	5,414.376	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	4	8,198.867	2,861.134	0.000	5,337.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	5	9,911.451	4,054.120	0.000	5,857.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	6	10,668.797	4,835.320	0.000	5,833.477	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	7	10,686.504	5,124.667	0.000	5,561.838	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	8	10,930.636	5,420.900	0.000	5,509.736	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	9	10,333.094	4,530.683	0.000	5,802.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	10	9,489.325	3,650.038	4.053	5,835.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	11	8,260.745	2,220.230	186.428	5,854.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2043	12	8,815.029	1,224.500	1,660.658	5,929.872	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	1	10,577.097	286.086	4,178.452	6,112.559	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	2	9,505.963	766.096	2,683.737	6,056.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	3	8,033.302	1,701.119	839.330	5,492.854	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	4	8,319.397	2,903.866	0.000	5,415.531	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	5	10,060.558	4,114.669	0.000	5,945.888	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	6	10,829.535	4,907.537	0.000	5,921.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	7	10,847.443	5,201.206	0.000	5,646.237	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	8	11,095.760	5,501.863	0.000	5,593.897	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	9	10,488.340	4,598.351	0.000	5,889.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	10	9,632.143	3,704.553	4.080	5,923.510	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	11	8,376.462	2,253.390	187.694	5,935.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2044	12	8,924.898	1,242.788	1,671.932	6,010.178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	1	10,670.251	290.128	4,198.824	6,181.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	2	9,586.187	776.919	2,696.822	6,112.446	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	3	8,127.757	1,725.151	843.422	5,559.184	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	4	8,426.303	2,944.890	0.000	5,481.413	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	5	10,194.584	4,172.798	0.000	6,021.786	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	6	10,974.782	4,976.868	0.000	5,997.914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2045	7	10,993.440	5,274.684	0.000	5,718.756	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	8	11,245.835	5,579.589	0.000	5,666.246	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	9	10,628.691	4,663.313	0.000	5,965.378	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	10	9,760.232	3,756.888	4.100	5,999.244	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2045	11	8,477.380	2,285.224	188.609	6,003.547	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2045	12	9,017.637	1,260.345	1,680.084	6,077.208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2046	1	10,769.672	294.482	4,224.999	6,250.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	2	9,683.486	788.577	2,713.634	6,181.276	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	3	8,227.356	1,751.038	848.680	5,627.638	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	4	8,538.800	2,989.081	0.000	5,549.719	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2046	5	10,337.931	4,235.415	0.000	6,102.516	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	6	11,130.477	5,051.550	0.000	6,078.927	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	7	11,149.810	5,353.836	0.000	5,795.974	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	8	11,406.641	5,663.316	0.000	5,743.325	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	9	10,779.053	4,733.290	0.000	6,045.762	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	10	9,897.072	3,813.264	4.126	6,079.683	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2046	11	8,581.790	2,319.516	189.785	6,072.489	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2046	12	9,113.808	1,279.258	1,690.557	6,143.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	1	10,886.263	299.071	4,253.686	6,333.507	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2047	2	9,797.189	800.866	2,732.059	6,264.265	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	3	8,341.116	1,778.326	854.442	5,708.348	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	4	8,665.626	3,035.661	0.000	5,629.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	5	10,497.513	4,301.418	0.000	6,196.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	6	11,302.914	5,130.271	0.000	6,172.643	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	7	11,322.567	5,437.268	0.000	5,885.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	8	11,584.054	5,751.570	0.000	5,832.483	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	9	10,945.781	4,807.052	0.000	6,138.729	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	10	10,049.862	3,872.688	4.154	6,173.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	11	8,701.813	2,355.662	191.073	6,155.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2047	12	9,226.074	1,299.193	1,702.036	6,224.845	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	1	11,028.133	303.910	4,288.126	6,436.096	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	2	9,946.863	813.826	2,754.179	6,378.859	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	3	8,474.770	1,807.103	861.360	5,806.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	4	8,811.972	3,084.785	0.000	5,727.187	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	5	10,679.758	4,371.024	0.000	6,308.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2048	6	11,498.667	5,213.290	0.000	6,285.377	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	7	11,517.915	5,525.255	0.000	5,992.661	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	8	11,784.284	5,844.644	0.000	5,939.640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	9	11,135.221	4,884.841	0.000	6,250.381	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	10	10,224.933	3,935.357	4.187	6,285.389	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	11	8,842.576	2,393.782	192.620	6,256.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2048	12	9,360.294	1,320.217	1,715.816	6,324.261	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2049	1	11,135.963	308.556	4,315.111	6,512.296	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	2	10,040.110	826.267	2,771.511	6,442.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	3	8,583.868	1,834.729	866.780	5,882.358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	4	8,935.077	3,131.944	0.000	5,803.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	5	10,837.546	4,437.847	0.000	6,399.699	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	6	11,669.682	5,292.989	0.000	6,376.693	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	7	11,689.476	5,609.723	0.000	6,079.753	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	8	11,960.637	5,933.994	0.000	6,026.642	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	9	11,300.806	4,959.518	0.000	6,341.288	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	10	10,375.990	3,995.519	4.214	6,376.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2049	11	8,956.957	2,430.377	193.833	6,332.747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
2049	12	9,465.310	1,340.400	1,726.614	6,398.296	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	1	11,270.610	313.377	4,345.862	6,611.371	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	2	10,171.377	839.175	2,791.262	6,540.940	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	3	8,714.986	1,863.392	872.957	5,978.637	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	4	9,079.840	3,180.872	0.000	5,898.969	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	5	11,020.163	4,507.176	0.000	6,512.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	6	11,865.920	5,375.677	0.000	6,490.243	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	7	11,885.289	5,697.359	0.000	6,187.930	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	8	12,161.394	6,026.696	0.000	6,134.698	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	9	11,491.089	5,036.997	0.000	6,454.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	10	10,551.603	4,057.937	4.244	6,489.422	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	11	9,094.739	2,468.345	195.214	6,431.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2050	12	9,594.558	1,361.340	1,738.918	6,494.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Year	Month	Actual	Pred	Upper	Lower	Sigma	MAPE
2010	11	5,747.000					
2010	12	8,801.000					
2011	1	8,580.000					
2011	2	6,692.000					
2011	3	5,475.000					
2011	4	7,358.000					
2011	5	7,557.000					
2011	6	8,344.000					
2011	7	8,041.000					
2011	8	8,296.000					
2011	9	7,455.000					
2011	10	6,451.000					
2011	11	5,500.000					
2011	12	4,893.000					
2012	1	7,817.000	7834.611904	8484.837464	7184.386345	327.1949741	0.225%
2012	2	7,631.000	7848.28866	8473.921296	7222.656025	314.8197591	2.847%
2012	3	5,819.000	5320.290703	5931.903624	4708.677782	307.765007	8.570%
2012	4	6,584.000	6330.67824	6935.946195	5725.410284	304.572206	3.848%
2012	5	7,486.000	7790.209003	8398.224526	7182.19348	305.9547881	4.064%
2012	6	7,781.000	7058.555294	7665.158672	6451.951915	305.2441938	9.285%
2012	7	7,945.000	7923.462593	8533.619133	7313.306053	307.0321526	0.271%
2012	8	7,989.000	7495.209403	8104.52237	6885.896437	306.6076647	6.181%
2012	9	7,597.000	7974.180266	8583.119166	7365.241366	306.4194335	4.965%
2012	10	7,128.000	6743.696022	7350.036263	6137.35578	305.1117826	5.391%
2012	11	5,011.000	5122.950335	5765.720857	4480.179812	323.4435825	2.234%
2012	12	5,882.000	6277.894954	6904.764893	5651.025015	315.442373	6.731%
2013	1	5,491.000	5494.094742	6122.20119	4865.988294	316.064587	0.056%
2013	2	7,220.000	7053.951845	7669.589034	6438.314657	309.7900275	2.300%
2013	3	7,054.000	6590.202417	7205.508246	5974.896589	309.6232862	6.575%
2013	4	6,497.000	6610.674248	7215.438938	6005.909557	304.3189618	1.750%
2013	5	7,271.000	7044.614893	7650.811052	6438.418733	305.0392803	3.114%
2013	6	7,816.000	7724.987037	8333.880597	7116.093477	306.3966183	1.164%
2013	7	7,967.000	7380.170768	7988.647908	6771.693628	306.1870748	7.366%
2013	8	8,205.000	8012.267	8624.196187	7400.337813	307.9241525	2.349%
2013	9	7,765.000	7732.062642	8340.046351	7124.078933	305.9387794	0.424%
2013	10	7,092.000	7008.305374	7614.517947	6402.092802	305.0475392	1.180%
2013	11	6,059.000	6313.036665	7069.460491	5556.612839	380.6341823	4.193%
2013	12	5,472.000	5794.87961	6416.108059	5173.651161	312.6035624	5.901%
2014	1	7,684.000	7561.286606	8196.222422	6926.350791	319.5011402	1.597%
2014	2	6,316.000	6089.94672	6712.265015	5467.628424	313.1519755	3.579%
2014	3	5,012.000	5126.533856	5748.598641	4504.469071	313.0244086	2.285%
2014	4	7,053.000	7031.162193	7783.203813	6279.120574	378.4290461	0.310%
2014	5	7,408.000	7428.777051	8036.335439	6821.218662	305.7247572	0.280%
2014	6	8,026.000	8203.118928	8819.573174	7586.664681	310.2011729	2.207%
2014	7	7,949.000	7756.775088	8372.22731	7141.322867	309.6969517	2.418%
2014	8	8,412.000	7955.062521	8570.267652	7339.857391	309.5726148	5.432%
2014	9	7,778.000	8026.261132	8636.01886	7416.503404	306.8314695	3.192%

	MAPE	
2015	4.249%	
2016	1.911%	
2017	1.478%	
2018	2.585%	100.000%
2019	2.246%	86.890%
2020	2.903%	112.301%
2021	3.776%	146.081%
7/2020-7/2021	3.146%	121.700%
2/2020-7/2021	3.090%	119.540%





2014	10	7,278.000	7011.681818	7618.448269	6404.915367	305.3262523	3.659%
2014	11	6,195.000	6557.202098	7314.554701	5799.849496	381.1015448	5.847%
2014	12	5,997.000	6369.729066	6985.966086	5753.492045	310.0918644	6.215%
2015	1	6,380.000	5904.286388	6689.226178	5119.346598	394.9834797	7.456%
2015	2	8,439.000	7931.369962	8583.462399	7279.277525	328.1343911	6.015%
2015	3	6,132.000	6694.71058	7303.577894	6085.843266	306.3834113	9.177%
2015	4	6,717.000	6931.18969	7537.803151	6324.576228	305.2492674	3.189%
2015	5	7,716.000	7408.021333	8016.291071	6799.751595	306.0827096	3.991%
2015	6	8,329.000	8528.395312	9143.668145	7913.12248	309.6066826	2.394%
2015	7	8,135.000	7771.832101	8385.155704	7158.508499	308.6258257	4.464%
2015	8	8,447.000	8448.198267	9063.25712	7833.139413	309.4990081	0.014%
2015	9	8,162.000	8176.561867	8787.713841	7565.409893	307.5330572	0.178%
2015	10	7,145.000	7281.778195	8033.875369	6529.681022	378.4570008	1.914%
2015	11	7,075.000	7399.755067	8009.138205	6790.37193	306.6429746	4.590%
2015	12	5,941.000	6392.870631	7014.480899	5771.260362	312.7956947	7.606%
2016	1	7,661.000	7492.566262	8129.349525	6855.782999	320.43078	2.199%
2016	2	7,263.000	7110.233304	7727.650566	6492.816042	310.6857646	2.103%
2016	3	6,317.000	6227.25109	6837.770243	5616.731936	307.2146205	1.421%
2016	4	7,331.000	7273.781854	8026.136406	6521.427302	378.5865146	0.780%
2016	5	7,637.000	7551.460346	8159.242084	6943.678608	305.8371467	1.120%
2016	6	8,478.000	8461.654819	9075.775462	7847.534176	309.0268984	0.193%
2016	7	8,780.000	8583.295139	9204.63421	7961.956068	312.6592274	2.240%
2016	8	8,643.000	8606.094927	9227.716207	7984.473647	312.8012357	0.427%
2016	9	7,865.000	8260.425083	8872.366772	7648.483393	307.930444	5.028%
2016	10	7,265.000	7220.980743	7828.686617	6613.274869	305.798972	0.606%
2016	11	5,925.000	6315.214073	6934.094807	5696.333339	311.422187	6.586%
2016	12	5,888.000	5901.226238	6726.583876	5075.868599	415.3218328	0.225%
2017	1	6,874.000	6904.814037	7804.607555	6005.020519	452.7781359	0.448%
2017	2	5,822.000	5863.672742	6689.471344	5037.87414	415.5437265	0.716%
2017	3	6,389.000	6382.723657	6991.047167	5774.400146	306.1097681	0.098%
2017	4	7,873.000	7649.543803	8403.095006	6895.9926	379.1886717	2.838%
2017	5	8,072.000	7711.766627	8320.140719	7103.392534	306.1352209	4.463%
2017	6	8,294.000	8140.340895	8751.284801	7529.396988	307.4283573	1.853%
2017	7	8,522.000	8239.925986	8856.696965	7623.155008	310.3605529	3.310%
2017	8	8,453.000	8339.899615	8958.618528	7721.180702	311.3407581	1.338%
2017	9	8,139.000	7998.082488	8608.706932	7387.458045	307.267603	1.731%
2017	10	7,704.000	7689.186481	8441.733436	6936.639526	378.6833319	0.192%
2017	11	5,917.000	5907.246108	6525.962034	5288.530183	311.3392549	0.165%
2017	12	6,501.000	6539.298829	7162.571359	5916.0263	313.6321484	0.589%
2018	1	9,286.000	9538.502059	10294.23402	8782.770098	380.2860346	2.719%
2018	2	6,200.000	6448.257243	7063.783369	5832.731117	309.7341406	4.004%
2018	3	5,891.000	5519.609802	6133.597257	4905.622347	308.9598778	6.304%
2018	4	6,272.000	6243.305896	6851.46244	5635.149353	306.0257499	0.457%
2018	5	7,467.000	7441.700441	8049.39376	6834.007121	305.7926547	0.339%
2018	6	8,142.000	8295.21342	8907.313998	7683.112842	308.0103969	1.882%
2018	7	8,086.000	7832.11202	8443.737743	7220.486298	307.7714486	3.140%
2018	8	8,493.000	8175.681973	8789.486778	7561.877169	308.8679675	3.736%
2018	9	8,385.000	8680.752032	9295.321698	8066.182366	309.2528477	3.527%

2018	10	8,013.000	7779.423907	8388.564948	7170.282867	306.5211509	2.915%
2018	11	6,754.000	6716.011868	7522.117232	5909.906503	405.6340449	0.562%
2018	12	6,426.000	6334.027143	7146.900258	5521.154028	409.0395923	1.431%
2019	1	6,708.000	6576.401013	7203.941111	5948.860914	315.7795987	1.962%
2019	2	6,188.000	6181.96946	6946.414532	5417.524388	384.6704914	0.097%
2019	3	6,084.000	5995.424377	6607.62873	5383.220025	308.0626168	1.456%
2019	4	6,940.000	6665.218003	7270.698	6059.738006	304.6789056	3.959%
2019	5	8,566.000	8639.107161	9254.329342	8023.88498	309.5811946	0.853%
2019	6	8,986.000	8875.246258	9497.990462	8252.502054	313.3662936	1.233%
2019	7	8,610.000	8550.757882	9174.200009	7927.315755	313.7174903	0.688%
2019	8	8,283.000	8386.317922	9006.14485	7766.490995	311.8983134	1.247%
2019	9	8,597.000	9088.620621	9717.823528	8459.417713	316.6163278	5.719%
2019	10	7,582.000	7603.463	8213.279355	6993.646645	306.860971	0.283%
2019	11	6,146.000	6315.473278	7124.534099	5506.412456	407.1212377	2.757%
2019	12	5,488.000	5855.499404	6675.612217	5035.386592	412.6826245	6.696%
2020	1	7,795.000	8235.157977	8867.901758	7602.414195	318.3981037	5.647%
2020	2	5,960.000	5690.043196	6457.30356	4922.782831	386.087153	4.529%
2020	3	7,177.000	6837.683347	7444.124269	6231.242425	305.1624454	4.728%
2020	4	7,370.000	7513.436754	8272.925362	6753.948147	382.1763874	1.946%
2020	5	7,811.000	8031.325064	8642.064944	7420.585184	307.3256906	2.821%
2020	6	8,747.000	8808.192688	9439.255855	8177.129521	317.5524147	0.700%
2020	7	8,477.000	8581.339881	9206.878001	7955.801761	314.7721986	1.231%
2020	8	8,608.000	8728.552699	9356.644331	8100.461068	316.0571312	1.400%
2020	9	8,624.000	8773.175855	9396.700999	8149.65071	313.7592648	1.730%
2020	10	7,815.000	8004.485274	8615.786351	7393.184197	307.6080863	2.425%
2020	11	6,662.000	7025.681078	7634.329045	6417.033111	306.2730353	5.459%
2020	12	6,663.000	6810.779682	7620.640021	6000.919343	407.5235565	2.218%
2021	1	6,477.000	6786.900822	7604.267125	5969.534518	411.3005748	4.785%
2021	2	7,629.000	7976.584172	8599.029634	7354.13871	313.2159659	4.556%
2021	3	6,986.000	6677.399331	7436.08504	5918.713622	381.7723667	4.417%
2021	4	7,277.000	6896.685214	7502.485466	6290.884963	304.8400585	5.226%
2021	5	8,144.000	8333.965949	8945.002318	7722.929581	307.4748842	2.333%
2021	6	8,345.000	8575.487341	9192.604727	7958.369955	310.534866	2.762%
2021	7	8,538.000	8738.84815	9369.975073	8107.721227	317.5844969	2.352%
2021	8		8552.117709	9179.991729	7924.243689	315.9476287	
2021	9		8287.011683	9032.40418	7541.619186	375.0831926	
2021	10		7712.966154	8474.111978	6951.820329	383.0103025	
2021	11		6864.28665	7627.67695	6100.89635	384.1397278	
2021	12		7454.828236	8225.746508	6683.909965	387.92782	
2022	1		8869.967202	9698.625909	8041.308495	416.9829378	
2022	2		7891.65552	8678.723072	7104.587967	396.054175	
2022	3		6547.854526	7309.429808	5786.279244	383.2264065	
2022	4		6671.985629	7432.076902	5911.894355	382.4796502	
2022	5		8020.730516	8784.86698	7256.594051	384.5151993	
2022	6		8587.65637	9358.118483	7817.194257	387.6982802	
2022	7		8587.907175	9362.664694	7813.149655	389.8597382	
2022	8		8766.609701	9545.782982	7987.436419	392.08176	
2022	9		8344.235218	9111.809412	7576.661023	386.2450728	

2022	10	7689.132374	8451.459155	6926.805593	383.6045624
2022	11	6800.259199	7563.297406	6037.220993	383.9625535
2022	12	7371.294336	8141.79587	6600.792802	387.7181169
2023	1	8912.832714	9743.588721	8082.076707	418.0383041
2023	2	7926.560879	8714.31781	7138.803948	396.4010715
2023	3	6579.850916	7341.373431	5818.3284	383.1998541
2023	4	6703.261474	7463.363585	5943.159362	382.4851038
2023	5	8052.924805	8817.362783	7288.486826	384.666922
2023	6	8641.214807	9412.320563	7870.10905	388.0221631
2023	7	8635.064483	9410.712894	7859.416072	390.308037
2023	8	8814.519734	9594.786758	8034.252711	392.6321334
2023	9	8383.580862	9151.682626	7615.479098	386.5105471
2023	10	7729.11667	8491.606539	6966.626801	383.6866287
2023	11	6811.323278	7574.112253	6048.534302	383.8371397
2023	12	7397.507807	8168.089517	6626.926096	387.7584617
2024	1	8991.905254	9824.997202	8158.813307	419.2137546
2024	2	8002.600713	8791.259823	7213.941602	396.8550503
2024	3	6629.275031	7390.778221	5867.771841	383.1901297
2024	4	6755.940276	7516.103595	5995.776956	382.5159037
2024	5	8122.509793	8887.368056	7357.651529	384.8784103
2024	6	8720.503665	9492.467574	7948.539755	388.4539873
2024	7	8716.487294	9493.259163	7939.715426	390.8733632
2024	8	8899.620075	9681.243404	8117.996746	393.3146293
2024	9	8458.608948	9227.391473	7689.826423	386.8531074
2024	10	7793.58679	8556.325888	7030.847692	383.8120415
2024	11	6859.457028	7622.151338	6096.762718	383.7895038
2024	12	7453.362307	8224.159914	6682.564699	387.8671017
2025	1	9022.374171	9856.525542	8188.222799	419.7468592
2025	2	8015.854208	8804.837232	7226.871183	397.0180447
2025	3	6647.627311	7409.077246	5886.177376	383.1633318
2025	4	6777.269787	7537.446579	6017.092996	382.5226829
2025	5	8151.417716	8916.529312	7386.30612	385.0058878
2025	6	8754.366956	9526.872954	7981.860958	388.7267677
2025	7	8751.767394	9529.253573	7974.281215	391.232806
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2025	9	8489.849068	9259.059162	7720.638974	387.0682612
2025	10	7819.094465	8581.970531	7056.218398	383.8809642
2025	11	6878.191057	7640.783426	6115.598688	383.7382073
2025	12	7474.519179	8245.372776	6703.665583	387.8952753
2026	1	9083.507665	9918.831447	8248.183882	420.3368191
2026	2	8070.184144	8859.669681	7280.698606	397.2709104
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2026	4	6824.148345	7584.414266	6063.882425	382.5675328
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2026	7	8814.927838	9593.056595	8036.799081	391.5561527
2026	8	9002.093793	9785.352812	8218.834774	394.1377121
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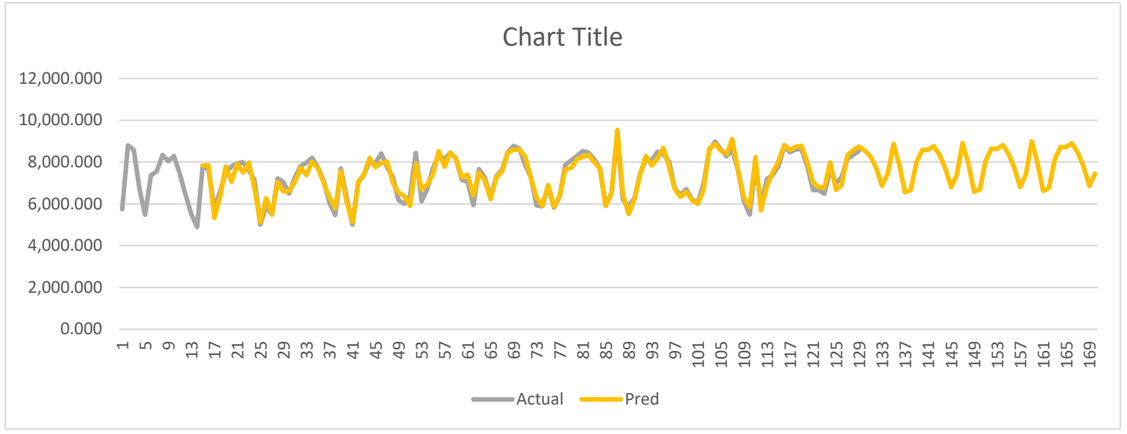

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2027	1	9156.048703	9992.609443	8319.487964	420.9592586
2027	2	8135.721805	8925.763237	7345.680373	397.5506377
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2027	7	8891.210408	9670.048237	8112.372579	391.9129591
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2046	8	11406.64062	12215.33179	10597.94944	406.9352305
2046	9	10779.05266	11562.62682	9995.478501	394.2962906

2046	10	9897.072214	10667.36768	9126.776747	387.6144232
2046	11	8581.789807	9348.246034	7815.333579	385.6825094
2046	12	9113.807684	9891.189996	8336.425373	391.1805396
2047	1	10886.26338	11745.94005	10026.58671	432.5912449
2047	2	9797.189217	10598.95947	8995.418958	403.4526097
2047	3	8341.115736	9106.401607	7575.829864	385.0935837
2047	4	8665.626283	9430.431047	7900.821519	384.8514893
2047	5	10497.51332	11273.38107	9721.645576	390.4184078
2047	6	11302.91376	12094.03784	10511.78968	398.0954277
2047	7	11322.5673	12123.49824	10521.63636	403.0302616
2047	8	11584.05372	12394.44787	10773.65957	407.7921715
2047	9	10945.78059	11730.31457	10161.24661	394.7792768
2047	10	10049.86213	10820.70759	9279.016669	387.8911804
2047	11	8701.813467	9468.63026	7934.996673	385.8639472
2047	12	9226.074049	10003.9468	8448.201294	391.4273319
2048	1	11028.13294	11889.51375	10166.75213	433.4487748
2048	2	9946.863292	10749.67673	9144.049852	403.9775412
2048	3	8474.769764	9240.48521	7709.054318	385.3097466
2048	4	8811.972374	9577.188054	8046.756694	385.0582629
2048	5	10679.75767	11456.34483	9903.170521	390.7804135
2048	6	11498.66711	12290.93207	10706.40215	398.6695213
2048	7	11517.91542	12320.26543	10715.5654	403.7443461
2048	8	11784.28362	12596.35854	10972.2087	408.6379402
2048	9	11135.22135	11920.71308	10349.72962	395.2612176
2048	10	10224.93277	10996.36511	9453.50043	388.1864997
2048	11	8842.575854	9609.875633	8075.276075	386.1069864
2048	12	9360.294268	10138.80415	8581.78439	391.7479338
2049	1	11135.96296	11998.67947	10273.24645	434.120903
2049	2	10040.10985	10843.59767	9236.622032	404.3168913
2049	3	8583.867645	9349.891064	7817.844225	385.4647195
2049	4	8935.076565	9700.648292	8169.504838	385.2374267
2049	5	10837.54596	11614.87355	10060.21837	391.153004
2049	6	11669.68185	12463.16971	10876.19398	399.2848913
2049	7	11689.47592	12493.35143	10885.6004	404.5119794
2049	8	11960.63664	12774.51627	11146.757	409.5460753
2049	9	11300.80626	12087.3139	10514.29863	395.7724222
2049	10	10375.98973	11147.99618	9603.983286	388.4753917
2049	11	8956.957151	9724.582994	8189.331308	386.2710627
2049	12	9465.310188	10244.26769	8686.352688	391.9731783
2050	1	11270.61023	12134.8865	10406.33396	434.9057775
2050	2	10171.37717	10975.78812	9366.966216	404.7814121
2050	3	8714.986484	9481.442041	7948.530926	385.6821723
2050	4	9079.840399	9845.83091	8313.849887	385.44816
2050	5	11020.16344	11798.22616	10242.10073	391.5229184
2050	6	11865.91964	12660.56698	11071.2723	399.868341
2050	7	11885.28889	12690.60462	11079.97315	405.2367014
2050	8	12161.39428	12976.97757	11345.81099	410.4033596
2050	9	11491.08907	12278.56951	10703.60864	396.26194

2050	10	10551.60283	11324.21145	9778.994211	388.7784058
2050	11	9094.73857	9862.84331	8326.63383	386.5120445
2050	12	9594.557949	10374.12893	8814.986965	392.2818844

Year	Month	SALES_B_COM_UEE	XOther_B	XCool_B	XHeat_B	13-Nov	14-Aug	16-Apr	16-Sep	16-Dec	17-Feb	17-Oct	20-Apr	20-May	20-Jun	XMissing	YMissing
2010	12	909,215	16.81	0.08	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	1	912,173	17.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	819,066	15.77	0.01	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	838,740	15.64	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	904,938	15.69	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	1,021,790	16.47	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	1,086,842	16.37	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	1,135,355	16.39	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	1,196,310	16.80	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	1,142,214	16.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	1,053,964	16.13	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	903,314	16.17	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	899,178	17.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	886,166	17.24	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	809,301	15.90	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	868,359	15.80	0.12	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	949,465	16.26	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	961,956	16.08	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	1,055,573	16.49	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	1,077,932	16.52	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	1,159,304	16.94	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	1,111,552	16.43	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	1,039,844	16.20	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	934,271	16.19	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	862,467	17.34	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	875,707	17.46	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	820,802	16.28	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	828,295	16.12	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	878,623	16.80	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	973,795	16.96	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	1,056,182	16.93	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	1,095,239	16.77	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	1,106,220	16.51	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	1,129,282	16.93	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	1,063,367	16.56	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	922,686	16.74	0.29	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	913,575	17.34	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	909,122	17.74	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	836,711	17.01	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	835,904	16.17	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	869,047	16.44	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	972,145	16.97	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	1,061,486	17.20	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	1,114,514	17.05	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	1,181,073	16.76	0.58	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	1,151,150	18.01	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	10	1,033,457	16.72	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	11	931,935	17.08	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	912,986	17.71	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	895,053	18.13	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	819,414	16.66	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	857,476	16.62	0.10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	950,305	16.94	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	993,003	17.38	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	1,089,757	17.63	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	1,146,581	17.51	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	1,156,239	17.15	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	1,127,703	17.43	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	1,056,036	17.32	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	997,712	17.35	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	973,862	18.22	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	935,097	17.81	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	825,125	17.35	0.03	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	836,145	17.16	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	931,781	18.82	0.21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	989,376	17.56	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	1,083,907	18.15	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	1,173,605	18.17	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	1,206,607	17.85	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	1,165,191	18.94	0.65	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	1,085,249	17.94	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	944,054	17.66	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	917,078	18.45	0.12	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	913,283	20.09	0.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	874,319	17.82	0.07	0.11	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2017	3	853,277	17.68	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	912,410	18.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	999,081	18.24	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	1,089,543	18.45	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	1,136,072	18.44	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	1,143,392	18.82	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	1,140,198	18.37	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	1,042,288	18.20	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2017	11	962,403	18.44	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	894,852	19.40	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	914,437	19.57	0.05	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	900,356	19.04	0.07	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	926,437	18.96	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	916,033	18.93	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	939,204	18.13	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	1,073,058	19.06	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	1,151,539	18.95	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	1,140,166	18.48	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	1,161,716	19.01	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	1,136,797	18.50	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	1,009,466	18.43	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	911,448	19.12	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	891,507	19.87	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	846,166	18.47	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	910,618	19.29	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	933,552	19.54	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	1,009,817	19.15	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	1,137,449	19.40	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	1,183,264	19.32	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	1,129,574	18.78	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	1,174,937	19.38	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	1,089,813	18.80	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	1,014,435	18.68	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	882,147	19.60	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	903,954	20.66	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	850,712	18.77	0.11	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	3	901,432	18.94	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	911,370	18.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2020	5	832,827	18.10	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2020	6	974,519	18.28	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	7	1,102,622	18.84	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	1,084,603	18.71	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	1,099,166	19.23	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	1,026,768	18.89	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	965,114	18.42	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	866,468	19.28	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	1	857,177	20.72	0.03	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	2	823,936	19.68	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	3	859,787	20.05	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	4	909,256	20.11	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	5	947,807	19.50	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	6	1,068,026	20.36	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	7	1,113,411	20.44	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	8		19.82	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	9		20.30	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	10		20.07	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	11		19.80	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	12		20.93	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	1		21.50	0.06	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	2		18.95	0.02	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	3		19.89	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	4		20.19	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	5		20.68	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	6		20.83	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	7		20.90	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2022	8	21.46	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	9	20.80	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	10	20.61	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	11	20.65	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	12	21.82	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	1	22.00	0.07	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	2	20.39	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	3	20.27	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	4	20.91	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	5	20.73	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	6	21.26	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	7	21.33	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	8	21.79	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	9	21.21	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	10	20.95	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	11	21.11	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	12	22.17	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	1	21.30	0.06	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	2	20.98	0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	3	20.71	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	4	21.19	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	5	21.35	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	6	22.74	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	7	21.71	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	8	22.29	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	9	21.77	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	10	21.28	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	11	21.55	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	12	22.27	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	1	24.13	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	2	21.10	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	3	21.00	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	4	21.27	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	5	21.86	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	6	22.16	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	7	21.94	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	8	21.55	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	9	23.16	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	10	21.50	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	11	21.95	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	12	22.75	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	1	23.19	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	2	21.28	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	3	21.25	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	4	22.06	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	5	21.60	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	6	22.37	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2026	7	22.22	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	8	21.75	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	9	22.12	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	10	21.97	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	11	21.98	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	12	23.09	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	1	23.78	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	2	22.28	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	3	22.51	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	4	22.45	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	5	21.66	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	6	22.55	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	7	22.62	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	8	21.96	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	9	22.45	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	10	22.16	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	11	21.81	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	12	23.00	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	1	21.22	0.06	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	2	23.18	0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	3	21.78	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	4	23.25	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	5	22.53	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	6	22.83	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	7	23.99	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	8	22.31	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	9	23.94	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	10	22.37	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	11	22.12	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	12	23.25	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	1	23.98	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	2	23.26	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	3	23.16	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	4	23.18	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	5	22.22	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	6	23.32	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	7	23.17	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	8	22.60	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	9	23.26	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	10	22.66	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	11	22.60	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	12	23.52	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	1	24.19	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	2	22.48	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	3	23.44	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	4	23.76	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	5	23.29	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2030	6	23.56	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	7	23.44	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	8	22.87	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	9	23.57	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	10	22.88	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	11	22.70	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	12	23.71	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	1	24.73	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	2	22.77	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	3	22.66	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	4	23.21	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	5	23.31	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	6	23.90	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	7	23.66	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	8	23.24	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	9	24.96	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	10	23.17	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	11	23.65	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	12	24.52	0.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	1	25.07	0.07	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	2	23.01	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	3	22.97	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	4	23.62	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	5	23.56	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	6	24.04	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	7	24.11	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	8	23.64	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	9	23.93	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	10	23.77	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	11	23.31	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	12	24.31	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	1	26.50	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	2	23.50	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	3	23.31	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	4	23.64	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	5	24.22	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	6	24.39	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	7	24.46	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	8	25.11	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	9	24.32	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	10	24.08	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	11	24.10	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	12	25.47	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	1	25.70	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	2	23.81	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	3	23.66	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	4	24.40	0.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2034	5	24.18	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	6	24.79	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	7	24.87	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	8	25.40	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	9	24.73	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	10	24.40	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	11	24.58	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	12	25.81	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	1	26.06	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	2	25.29	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	3	25.18	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	4	25.20	0.24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	5	24.15	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	6	25.35	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	7	25.18	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	8	24.57	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	9	25.28	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	10	24.62	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	11	24.55	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	12	25.55	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	1	26.40	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	2	24.54	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	3	24.67	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	4	25.94	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	5	23.96	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	6	25.76	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	7	25.46	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	8	26.26	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	9	26.91	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	10	24.97	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	11	25.32	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	12	26.59	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	1	27.09	0.08	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	2	24.86	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	3	24.82	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	4	25.22	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	5	25.79	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	6	26.13	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	7	25.96	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	8	25.41	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	9	25.85	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	10	25.68	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	11	25.69	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	12	26.98	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	1	27.92	0.08	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	2	26.16	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	3	26.43	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2038	4	26.36	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	5	25.43	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	6	26.47	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	7	26.55	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	8	25.78	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	9	26.35	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	10	26.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	11	25.58	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	12	26.98	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	1	26.43	0.08	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	2	25.86	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	3	25.65	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	4	26.32	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	5	26.34	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	6	26.83	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	7	26.90	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	8	27.62	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	9	26.75	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	10	26.48	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	11	26.50	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	12	28.00	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	1	28.36	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	2	26.10	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	3	26.02	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	4	26.62	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	5	26.81	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	6	27.26	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	7	27.30	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	8	27.98	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	9	27.18	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	10	26.83	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	11	26.80	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	12	28.60	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	1	29.93	0.09	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	2	26.56	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	3	27.69	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	4	28.07	0.27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	5	27.51	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	6	27.83	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	7	27.69	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	8	27.01	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	9	27.84	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	10	27.02	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	11	26.81	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	12	28.00	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	1	29.32	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	2	26.99	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2042	3	26.86	0.11	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	4	27.84	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	5	27.31	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	6	28.33	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	7	28.04	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	8	27.54	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	9	29.59	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	10	27.46	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	11	28.03	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	12	29.05	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	1	29.83	0.09	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	2	27.37	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	3	27.33	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	4	28.09	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	5	28.07	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	6	28.77	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	7	28.58	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	8	27.97	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	9	28.45	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	10	28.27	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	11	28.28	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	12	29.70	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	1	28.85	0.09	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	2	28.14	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	3	27.81	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	4	30.77	0.27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	5	27.66	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	6	29.09	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	7	29.18	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	8	28.61	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	9	30.35	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	10	28.72	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	11	28.21	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	12	29.46	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	1	32.22	0.10	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	2	28.51	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	3	28.33	0.12	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	4	29.22	0.26	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	5	28.95	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	6	29.68	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	7	29.77	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	8	30.41	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	9	29.59	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	10	29.20	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	11	29.42	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	12	30.89	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	1	31.32	0.09	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2046	2	30.39	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	3	30.25	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	4	30.27	0.29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	5	29.01	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	6	30.45	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	7	30.24	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	8	29.50	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	9	30.36	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	10	29.57	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	11	29.48	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	12	30.68	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	1	31.85	0.09	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	2	29.59	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	3	30.85	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	4	31.28	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	5	30.65	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	6	31.01	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	7	30.84	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	8	30.09	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	9	31.02	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	10	30.10	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	11	29.87	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	12	31.19	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	1	32.80	0.09	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	2	30.19	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	3	31.48	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	4	32.42	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	5	30.81	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	6	31.58	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	7	31.57	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	8	30.59	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	9	31.33	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	10	31.02	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	11	30.47	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	12	31.82	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	1	33.95	0.10	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	2	31.81	0.04	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	3	32.14	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	4	32.06	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	5	30.93	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	6	32.19	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	7	32.29	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	8	31.34	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	9	32.04	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	10	31.62	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	11	31.11	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	12	32.80	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2050	1	32.30	0.10	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	2	31.60	0.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	3	31.34	0.13	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	4	32.16	0.29	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	5	32.19	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	6	32.78	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	7	32.88	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	8	33.75	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	9	32.69	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	10	32.36	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	11	32.38	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	12	34.23	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
SALES_B_COM_UEE	128	989,163.7	113,219.3	809,301.0	1,206,607.0	0.223	1.708	10.0	6.88E-03	1.000		
XOther_B	128	17.9	1.2	15.6	20.7	0.205	2.135	4.9	8.68E-02	0.063		
XCool_B	128	0.3	0.2	0.0	0.7	0.047	1.488	12.2	2.20E-03	0.947		
XHeat_B	128	0.0	0.1	0.0	0.7	5.846	45.571	10394.4	0.00E+00	-0.292		
44513	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.052		
44422	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.151		
44302	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.045		
44455	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.139		
44546	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.057		
44244	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.090		
44486	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.042		
44306	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.061		
44336	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.123		
44367	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.012		

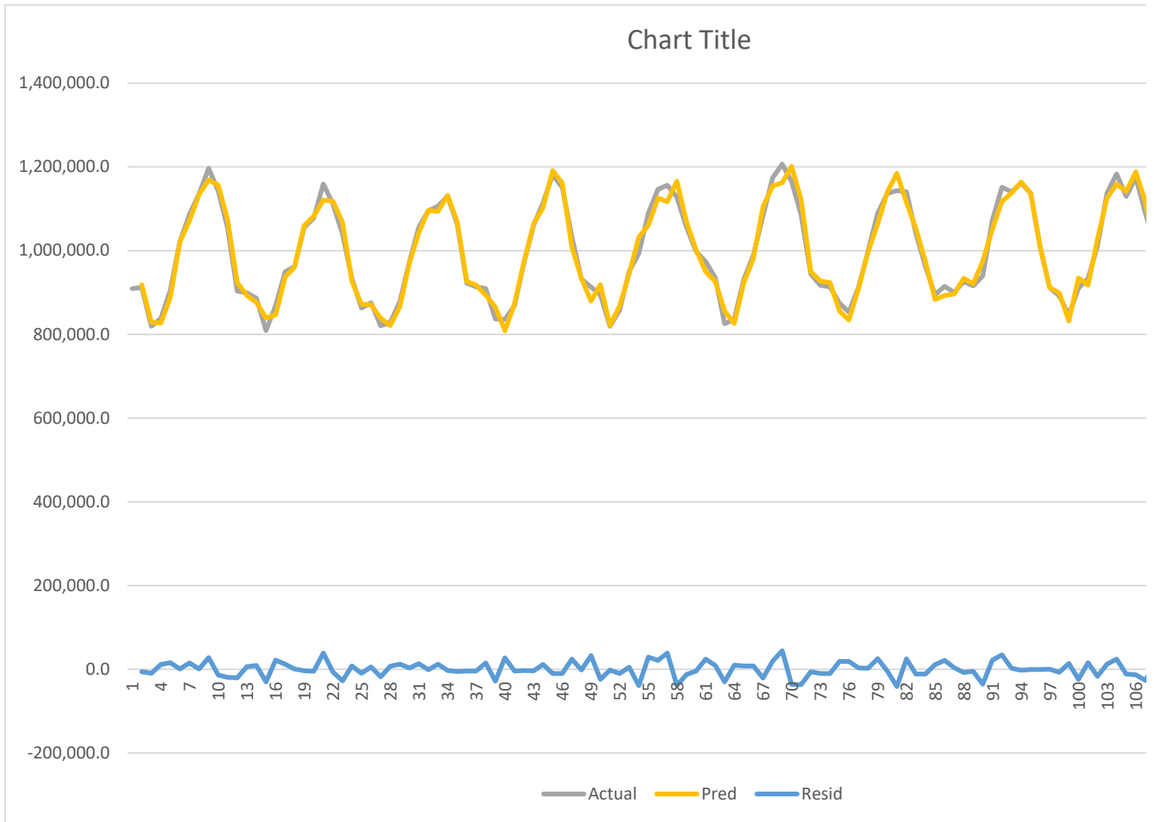
	SALES_B_COM_UEE	XOther_B	XCool_B	XHeat_B	13-Nov	14-Aug	16-Apr	16-Sep	16-Dec	17-Feb	17-Oct	20-Apr	20-May	20-Jun
SALES_B_COM_UEE	1.000	0.063	0.947	-0.292	-0.052	0.151	-0.045	0.139	-0.057	-0.090	0.042	-0.061	-0.123	-0.012
XOther_B	0.063	1.000	0.106	-0.034	-0.081	-0.079	0.068	0.077	0.042	-0.003	0.024	0.072	0.017	0.030
XCool_B	0.947	0.106	1.000	-0.401	-0.015	0.105	-0.048	0.134	-0.088	-0.106	0.097	0.015	0.018	0.075
XHeat_B	-0.292	-0.034	-0.401	1.000	-0.027	-0.027	-0.027	-0.027	-0.027	0.091	-0.027	-0.027	-0.027	-0.027
44513	-0.052	-0.081	-0.015	-0.027	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44422	0.151	-0.079	0.105	-0.027	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44302	-0.045	0.068	-0.048	-0.027	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44455	0.139	0.077	0.134	-0.027	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44546	-0.057	0.042	-0.088	-0.027	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008
44244	-0.090	-0.003	-0.106	0.091	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008
44486	0.042	0.024	0.097	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008
44306	-0.061	0.072	0.015	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008
44336	-0.123	0.017	0.018	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008
44367	-0.012	0.030	0.075	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
mStruct_COM.XOther_B	29402.161	2884.387	10.194	0.00%		
mStruct_COM.XCool_B	523109.067	14677.874	35.639	0.00%		
mStruct_COM.XHeat_B	89422.595	21507.622	4.158	0.01%		
MBin.Nov13	-47711.773	13487.920	-3.537	0.06%		
MBin.Aug14	74384.376	13651.506	5.449	0.00%		
MBin.Apr16	-38066.830	14113.765	-2.697	0.81%		
MBin.Sep16	-43150.623	13816.148	-3.123	0.23%		
MBin.Dec16	60219.402	13636.729	4.416	0.00%		
MBin.Feb17	43505.574	13938.963	3.121	0.23%		
MBin.Oct17	-51092.458	13553.122	-3.770	0.03%		
MBin.Apr20	-75015.037	16529.494	-4.538	0.00%		
MBin.May20	-122584.871	19197.954	-6.385	0.00%		
MBin.Jun20	-45507.081	16589.537	-2.743	0.71%		
AR(1)	0.994	0.006	170.652	0.00%		

Model Statistics	
Iterations	9
Adjusted Observations	127
Deg. of Freedom for Error	113
R-Squared	0.975
Adjusted R-Squared	0.972
AIC	19.82
BIC	20.13
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-1,424.53
Model Sum of Squares	1,580,397,426,717.54
Sum of Squared Errors	41,124,538,169.85
Mean Squared Error	363,933,966.10
Std. Error of Regression	19,077.05
Mean Abs. Dev. (MAD)	14,225.12
Mean Abs. % Err. (MAPE)	1.44%
Durbin-Watson Statistic	2.314
Durbin-H Statistic	#NA
Ljung-Box Statistic	43.42
Prob (Ljung-Box)	0.0089
Skewness	-0.171
Kurtosis	2.853
Jarque-Bera	0.732
Prob (Jarque-Bera)	0.6937

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	909,215.0				
2011	1	912,173.0	918275.8131	-6102.813128	-0.006690412	-0.319903342
2011	2	819,066.0	828820.0375	-9754.037453	-0.011908732	-0.511296858
2011	3	838,740.0	827084.2384	11655.76156	0.013896752	0.610983328
2011	4	904,938.0	888797.6308	16140.3692	0.017835884	0.846061961
2011	5	1,021,790.0	1020867.301	922.6989632	0.000903022	0.048366954
2011	6	1,086,842.0	1071479.803	15362.19735	0.014134711	0.805270973
2011	7	1,135,355.0	1134600.514	754.4860726	0.000664538	0.039549403
2011	8	1,196,310.0	1168600.968	27709.03152	0.023162083	1.452479634
2011	9	1,142,214.0	1156095.717	-13881.71702	-0.012153342	-0.72766568
2011	10	1,053,964.0	1073356.668	-19392.66778	-0.018399744	-1.01654419
2011	11	903,314.0	923530.2933	-20216.29333	-0.022380139	-1.059717815
2011	12	899,178.0	892751.1285	6426.87147	0.007147496	0.336890155
2012	1	886,166.0	876809.8846	9356.115416	0.010557972	0.490438184
2012	2	809,301.0	839285.0509	-29984.05092	-0.037049319	-1.571733868
2012	3	868,359.0	846191.8176	22167.18237	0.02552767	1.161981461
2012	4	949,465.0	937152.8847	12312.11532	0.012967424	0.645388733
2012	5	961,956.0	961274.7736	681.2264129	0.000708168	0.035709205
2012	6	1,055,573.0	1059261.043	-3688.043261	-0.003493878	-0.193323528
2012	7	1,077,932.0	1082763.455	-4831.454749	-0.004482152	-0.253260011
2012	8	1,159,304.0	1120509.613	38794.38708	0.033463515	2.033562851
2012	9	1,111,552.0	1118286.912	-6734.912009	-0.006059017	-0.353037331
2012	10	1,039,844.0	1067232.35	-27388.34984	-0.026338903	-1.435669822
2012	11	934,271.0	926459.9246	7811.0754	0.00836061	0.409448736
2012	12	862,467.0	871687.2166	-9220.216597	-0.010690515	-0.483314504
2013	1	875,707.0	870377.9069	5329.093055	0.006085475	0.279345712
2013	2	820,802.0	838519.3137	-17717.3137	-0.021585369	-0.92872381
2013	3	828,295.0	820838.1412	7456.858846	0.009002661	0.39088106
2013	4	878,623.0	866416.686	12206.31396	0.01389255	0.639842732
2013	5	973,795.0	970802.7204	2992.279607	0.003072802	0.156852295
2013	6	1,056,182.0	1042478.431	13703.56868	0.012974628	0.718327322
2013	7	1,095,239.0	1096338.118	-1099.117535	-0.001003541	-0.057614639
2013	8	1,106,220.0	1093942.543	12277.45667	0.011098567	0.643571961
2013	9	1,129,282.0	1131908.212	-2626.211748	-0.002325559	-0.137663385
2013	10	1,063,367.0	1068647.521	-5280.520655	-0.00496585	-0.276799595
2013	11	922,686.0	926501.2715	-3815.271501	-0.004134962	-0.199992704
2013	12	913,575.0	917413.0586	-3838.058611	-0.004201142	-0.201187182
2014	1	909,122.0	893753.7084	15368.29163	0.016904543	0.805590429
2014	2	836,711.0	864901.5824	-28190.58244	-0.033692138	-1.47772205
2014	3	835,904.0	808627.0466	27276.95337	0.032631682	1.42983053
2014	4	869,047.0	872890.9597	-3843.959748	-0.00442319	-0.201496514
2014	5	972,145.0	974933.115	-2788.114951	-0.002868003	-0.146150189
2014	6	1,061,486.0	1064718.508	-3232.508348	-0.003045267	-0.169444845
2014	7	1,114,514.0	1102792.785	11721.21519	0.010516885	0.614414341
2014	8	1,181,073.0	1191191.14	-10118.13957	-0.008566904	-0.530382725
2014	9	1,151,150.0	1161328.571	-10178.57122	-0.008842089	-0.533550492



2014	10	1,033,457.0	1009078.915	24378.08539	0.023588872	1.277874779
2014	11	931,935.0	933365.1752	-1430.175158	-0.00153463	-0.074968347
2014	12	912,986.0	879950.4662	33035.53385	0.036184053	1.731689542
2015	1	895,053.0	918843.597	-23790.59697	-0.026580099	-1.247079226
2015	2	819,414.0	820895.3386	-1481.338584	-0.001807802	-0.077650282
2015	3	857,476.0	867717.5528	-10241.55276	-0.011943836	-0.536851921
2015	4	950,305.0	945498.1779	4806.822099	0.005058189	0.251968792
2015	5	993,003.0	1032010.92	-39007.92021	-0.039282782	-2.044756043
2015	6	1,089,757.0	1060838.16	28918.83968	0.026536962	1.515896564
2015	7	1,146,581.0	1125425.713	21155.28747	0.018450757	1.108938945
2015	8	1,156,239.0	1117161.006	39077.99367	0.033797505	2.048429224
2015	9	1,127,703.0	1165969.27	-38266.27002	-0.033932933	-2.005879485
2015	10	1,056,036.0	1068360.866	-12324.86552	-0.011670876	-0.646057086
2015	11	997,712.0	1001470.916	-3758.91616	-0.003767536	-0.197038614
2015	12	973,862.0	949620.9107	24241.08929	0.024891709	1.270693581
2016	1	935,097.0	926058.1993	9038.80071	0.009666164	0.473804865
2016	2	825,125.0	855260.9667	-30135.96666	-0.036522911	-1.579697139
2016	3	836,145.0	826013.7744	10131.22558	0.012116589	0.531068681
2016	4	931,781.0	923999.6842	7781.315821	0.008351014	0.407888769
2016	5	989,376.0	981548.2095	7827.790543	0.007911846	0.410324927
2016	6	1,083,907.0	1104912.242	-21005.24237	-0.019379192	-1.101073732
2016	7	1,173,605.0	1154270.528	19334.47203	0.016474429	1.013493627
2016	8	1,206,607.0	1162143.018	44463.98177	0.036850426	2.330757317
2016	9	1,165,191.0	1201362.062	-36171.06191	-0.031043032	-1.896050777
2016	10	1,085,249.0	1121636.097	-36387.09738	-0.033528801	-1.90737514
2016	11	944,054.0	949753.8062	-5699.806163	-0.006037585	-0.298778121
2016	12	917,078.0	927210.0089	-10132.00893	-0.011048143	-0.531109743
2017	1	913,283.0	923475.5234	-10192.52342	-0.011160312	-0.534281852
2017	2	874,319.0	855633.7862	18685.21381	0.021371163	0.979460162
2017	3	853,277.0	834480.1868	18796.81322	0.02202897	0.985310091
2017	4	912,410.0	909232.9322	3177.067836	0.003482062	0.166538709
2017	5	999,081.0	996571.1007	2509.899343	0.002512208	0.131566406
2017	6	1,089,543.0	1063722.704	25820.29641	0.023698281	1.353474034
2017	7	1,136,072.0	1140007.857	-3935.856953	-0.003464443	-0.206313673
2017	8	1,143,392.0	1184429.967	-41037.96721	-0.035891424	-2.15116907
2017	9	1,140,198.0	1115143.26	25054.74007	0.021974026	1.313344339
2017	10	1,042,288.0	1053523.94	-11235.93998	-0.010780072	-0.588976701
2017	11	962,403.0	973706.0478	-11303.04781	-0.01174461	-0.592494427
2017	12	894,852.0	883540.8586	11311.14141	0.012640237	0.592918685
2018	1	914,437.0	893045.1013	21391.89868	0.023393518	1.121341867
2018	2	900,356.0	896789.4269	3566.573083	0.003961292	0.186956183
2018	3	926,437.0	933913.5355	-7476.535522	-0.008070204	-0.391912491
2018	4	916,033.0	920461.4595	-4428.45954	-0.004834389	-0.232135406
2018	5	939,204.0	974728.1308	-35524.13083	-0.037823658	-1.862139299
2018	6	1,073,058.0	1051236.529	21821.47075	0.020335779	1.143859604
2018	7	1,151,539.0	1117234.103	34304.89733	0.029790478	1.798228302
2018	8	1,140,166.0	1137409.23	2756.76958	0.002417867	0.144507096

2018	9	1,161,716.0	1163853.901	-2137.900677	-0.001840295	-0.112066609
2018	10	1,136,797.0	1137090.953	-293.9525767	-0.00025858	-0.015408699
2018	11	1,009,466.0	1009645.282	-179.2823123	-0.000177601	-0.009397799
2018	12	911,448.0	911553.9995	-105.9995197	-0.000116298	-0.005556388
2019	1	891,507.3	898758.6915	-7251.366199	-0.008133827	-0.380109341
2019	2	846,165.9	831824.4182	14341.47259	0.016948772	0.751765605
2019	3	910,617.9	934592.1159	-23974.21996	-0.02632742	-1.256704558
2019	4	933,552.4	917772.2497	15780.12176	0.016903306	0.827178151
2019	5	1,009,817.1	1026444.825	-16627.72051	-0.016466071	-0.871608428
2019	6	1,137,448.6	1125155.821	12292.78949	0.010807336	0.644375693
2019	7	1,183,264.1	1159113.316	24150.75251	0.020410281	1.265958218
2019	8	1,129,573.9	1140980.707	-11406.77642	-0.0100983	-0.597931776
2019	9	1,174,936.8	1187845.554	-12908.71824	-0.010986734	-0.676662059
2019	10	1,089,812.7	1116271.805	-26459.12697	-0.024278601	-1.386960891
2019	11	1,014,435.5	1004281.914	10153.54458	0.010009059	0.53223862
2019	12	882,147.1	868241.0252	13906.03856	0.015763855	0.72894059
2020	1	903,954.1	933705.582	-29751.52732	-0.032912654	-1.559545214
2020	2	850,712.4	830349.22	20363.1885	0.02393663	1.067417912
2020	3	901,431.8	883343.7884	18088.02445	0.020065882	0.948156095
2020	4	911,369.6	922609.9673	-11240.34962	-0.01233347	-0.58920785
2020	5	832,826.9	844134.3759	-11307.48379	-0.013577232	-0.592726956
2020	6	974,519.5	985894.5114	-11375.01893	-0.011672439	-0.59626708
2020	7	1,102,621.8	1114064.773	-11442.95742	-0.010377953	-0.599828348
2020	8	1,084,603.2	1092411.655	-7808.439144	-0.007199351	-0.409310546
2020	9	1,099,166.0	1094877.7	4288.261466	0.003901378	0.224786364
2020	10	1,026,767.6	1026323.704	443.9212147	0.000432348	0.023269905
2020	11	965,114.2	952101.1856	13013.01054	0.013483389	0.682128958
2020	12	866,468.5	860808.9359	5659.540115	0.006531732	0.296667415
2021	1	857,176.5	852852.7536	4323.765015	0.005044194	0.226647424
2021	2	823,936.0	826271.6614	-2335.675228	-0.002834778	-0.122433752
2021	3	859,786.8	871089.2459	-11302.40303	-0.013145587	-0.592460628
2021	4	909,255.9	904297.5566	4958.387969	0.005453237	0.259913723
2021	5	947,806.9	988390.9819	-40584.12332	-0.04281898	-2.127379029
2021	6	1,068,026.2	1053400.116	14626.12309	0.013694535	0.766686699
2021	7	1,113,411.0	1102406.553	11004.40642	0.009883508	0.576839945
2021	8		1110136.335			
2021	9		1119050.243			
2021	10		1054365.876			
2021	11		923109.7595			
2021	12		856875.7605			
2022	1		867300.4473			
2022	2		755926.4398			
2022	3		808760.3859			
2022	4		863331.173			
2022	5		964867.3274			
2022	6		1066622.432			
2022	7		1126959.233			

2022	8	1170939.903
2022	9	1132105.463
2022	10	1071947.887
2022	11	951403.5104
2022	12	877265.0416
2023	1	870464.9821
2023	2	788939.6185
2023	3	808631.6782
2023	4	877342.3519
2023	5	955806.3209
2023	6	1073603.148
2023	7	1134244.917
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2023	10	1072692.219
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2024	1	836484.9347
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2024	9	1152117.118
2024	10	1076121.896
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2025	2	788229.4812
2025	3	810436.1546
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2025	6	1091454.549
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2025	8	1139719.902
2025	9	1202213.403
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2025	11	957038.4248
2025	12	871655.9446
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2047	9	1461745.637
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2049	1	1099105.231
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2049	3	1048356.902
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2049	5	1231753.922
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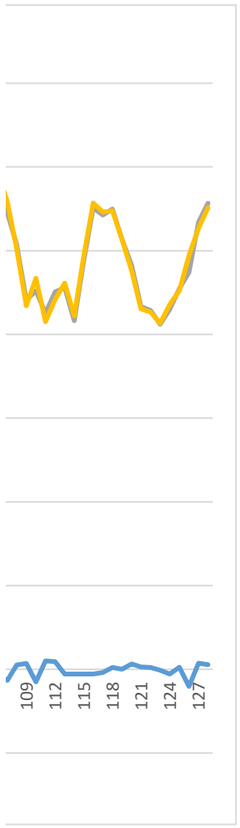
2050	10	1443760.246
2050	11	1252857.593
2050	12	1135715.22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Variable	Coefficient	Mean	Elast	Units	Definition
XOther_B	29402.161	17.865	0.531		
XCool_B	523109.067	0.328	0.173		
XHeat_B	89422.595	0.024	0.002		
44513	-47711.773	0.008	-0.000		
44422	74384.376	0.008	0.001		
44302	-38066.830	0.008	-0.000		
44455	-43150.623	0.008	-0.000		
44546	60219.402	0.008	0.000		
44244	43505.574	0.008	0.000		
44486	-51092.458	0.008	-0.000		
44306	-75015.037	0.008	-0.001		
44336	-122584.871	0.008	-0.001		
44367	-45507.081	0.008	-0.000		

Year	Month	Pred	XOther_B	XCool_B	XHeat_B	13-Nov	14-Aug	16-Apr	16-Sep	16-Dec	17-Feb	17-Oct	20-Apr	20-May	20-Jun	ARMA	X-Missing
2010	12		494,346.3	39,271.2	21,115.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
2011	1	918,275.8	499,968.6	2,394.8	63,534.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	352,377.8	0.0
2011	2	828,820.0	463,684.3	4,789.6	16,126.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	344,219.6	0.0
2011	3	827,084.2	459,726.6	34,751.4	126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332,480.2	0.0
2011	4	888,797.6	461,199.6	85,504.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	342,093.3	0.0
2011	5	1,020,867.3	484,149.3	180,610.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356,107.3	0.0
2011	6	1,071,479.8	481,417.0	235,152.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	354,910.7	0.0
2011	7	1,134,600.5	481,778.9	284,746.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	368,075.0	0.0
2011	8	1,168,601.0	494,099.2	307,861.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	366,640.2	0.0
2011	9	1,156,095.7	478,258.0	285,829.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	392,008.5	0.0
2011	10	1,073,356.7	474,233.5	223,240.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	375,882.3	0.0
2011	11	923,530.3	475,547.8	93,609.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	354,373.6	0.0
2011	12	892,751.1	503,848.8	56,728.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332,173.8	0.0
2012	1	876,809.9	506,753.5	22,776.2	10,689.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336,590.8	0.0
2012	2	839,285.1	467,505.5	20,704.2	7,182.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	343,893.4	0.0
2012	3	846,191.8	464,693.5	64,562.7	4,889.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	312,046.1	0.0
2012	4	937,152.9	478,082.7	126,840.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332,229.5	0.0
2012	5	961,274.8	472,804.5	145,973.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	342,496.4	0.0
2012	6	1,059,261.0	484,792.5	233,327.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	341,140.6	0.0
2012	7	1,082,763.5	485,579.6	261,734.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	335,449.5	0.0
2012	8	1,120,509.6	498,081.8	293,772.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	328,655.6	0.0
2012	9	1,118,286.9	483,105.0	269,913.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	365,268.9	0.0
2012	10	1,067,232.3	476,334.1	234,492.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356,405.8	0.0
2012	11	926,459.9	475,975.5	123,419.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327,064.5	0.0
2012	12	871,687.2	509,946.3	28,853.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332,887.8	0.0
2013	1	870,377.9	513,457.6	33,605.9	1,568.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,746.4	0.0
2013	2	838,519.3	478,748.8	33,502.6	1,133.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325,134.0	0.0
2013	3	820,838.1	474,088.0	34,870.9	6,287.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	305,591.9	0.0
2013	4	866,416.7	493,969.2	60,304.5	952.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	311,190.6	0.0
2013	5	970,802.7	498,615.4	150,710.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,477.3	0.0
2013	6	1,042,478.4	497,767.8	222,167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	322,543.6	0.0
2013	7	1,096,338.1	493,194.2	268,892.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	334,251.3	0.0
2013	8	1,093,942.5	485,298.2	277,469.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	331,174.6	0.0
2013	9	1,131,908.2	497,667.4	292,827.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	341,413.4	0.0
2013	10	1,068,647.5	486,975.0	244,896.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336,776.2	0.0
2013	11	926,501.3	492,094.7	152,590.4	0.0	-47,711.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	329,528.0	0.0
2013	12	917,413.1	509,851.8	83,781.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	323,779.4	0.0
2014	1	893,753.7	521,618.9	44,390.3	9,702.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	318,042.2	0.0
2014	2	864,901.6	500,049.1	19,256.0	14,165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	331,431.5	0.0
2014	3	808,627.0	475,560.9	31,299.9	325.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301,440.9	0.0
2014	4	872,891.0	483,443.8	62,680.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	326,766.7	0.0
2014	5	974,933.1	498,989.2	154,938.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,005.9	0.0
2014	6	1,064,718.5	505,644.3	242,745.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316,328.9	0.0
2014	7	1,102,792.8	501,238.0	290,316.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	311,237.9	0.0
2014	8	1,191,191.1	492,834.3	302,930.3	0.0	0.0	74,384.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,042.1	0.0
2014	9	1,161,328.6	529,528.9	322,721.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309,078.4	0.0

2014	10	1,009,078.9	491,743.4	220,209.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	297,125.6	0.0
2014	11	933,365.2	502,247.5	111,091.0	431.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	319,595.3	0.0
2014	12	879,950.5	520,733.8	41,208.3	1,731.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316,276.6	0.0
2015	1	918,843.6	532,974.0	37,509.6	1,121.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	347,238.7	0.0
2015	2	820,895.3	489,700.1	7,020.4	2,646.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,528.2	0.0
2015	3	867,717.6	488,554.7	51,175.2	9,840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	318,147.1	0.0
2015	4	945,498.2	498,068.6	141,351.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	306,077.9	0.0
2015	5	1,032,010.9	511,039.8	211,931.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309,039.4	0.0
2015	6	1,060,838.2	518,396.9	274,012.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	268,428.6	0.0
2015	7	1,125,425.7	514,832.4	315,010.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295,582.4	0.0
2015	8	1,117,161.0	504,155.5	298,147.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314,857.6	0.0
2015	9	1,165,969.3	512,407.0	301,727.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	351,834.7	0.0
2015	10	1,068,360.9	509,284.2	247,369.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	311,707.2	0.0
2015	11	1,001,470.9	510,006.5	193,859.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	297,605.3	0.0
2015	12	949,620.9	535,846.8	121,671.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	292,102.1	0.0
2016	1	926,058.2	523,573.6	87,603.1	416.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314,465.5	0.0
2016	2	855,261.0	510,046.7	15,005.4	8,624.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321,584.0	0.0
2016	3	826,013.8	504,433.8	31,835.8	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	289,718.1	0.0
2016	4	923,999.7	553,265.6	110,731.4	0.0	0.0	0.0	-38,066.8	0.0	0.0	0.0	0.0	0.0	0.0	298,069.5	0.0
2016	5	981,548.2	516,278.7	161,234.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304,035.3	0.0
2016	6	1,104,912.2	533,755.8	261,144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310,011.9	0.0
2016	7	1,154,270.5	534,319.1	332,660.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	287,291.2	0.0
2016	8	1,162,143.0	524,963.7	332,373.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304,805.6	0.0
2016	9	1,201,362.1	556,888.1	340,428.2	0.0	0.0	0.0	0.0	-43,150.6	0.0	0.0	0.0	0.0	0.0	347,196.4	0.0
2016	10	1,121,636.1	527,505.0	284,952.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309,179.2	0.0
2016	11	949,753.8	519,167.2	159,413.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	271,172.8	0.0
2016	12	927,210.0	542,391.2	60,702.1	0.0	0.0	0.0	0.0	0.0	60,219.4	0.0	0.0	0.0	0.0	263,897.2	0.0
2017	1	923,475.5	590,651.9	73,525.7	7,038.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252,258.9	0.0
2017	2	855,633.8	523,932.7	38,110.7	9,455.2	0.0	0.0	0.0	0.0	0.0	43,505.6	0.0	0.0	0.0	240,629.6	0.0
2017	3	834,480.2	519,863.8	55,851.5	989.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257,775.5	0.0
2017	4	909,232.9	529,122.9	105,179.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274,930.7	0.0
2017	5	996,571.1	536,265.6	183,848.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276,456.9	0.0
2017	6	1,063,722.7	542,494.7	243,917.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	277,311.0	0.0
2017	7	1,140,007.9	542,152.8	296,523.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301,331.9	0.0
2017	8	1,184,430.0	553,356.6	335,442.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295,630.8	0.0
2017	9	1,115,143.3	540,042.9	322,018.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253,081.6	0.0
2017	10	1,053,523.9	535,187.7	292,943.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-51,092.5	0.0	0.0	276,485.4	0.0
2017	11	973,706.0	542,257.0	167,774.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	263,675.0	0.0
2017	12	883,540.9	570,372.0	61,876.0	419.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250,873.9	0.0
2018	1	893,045.1	575,272.5	28,559.5	28,584.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260,628.8	0.0
2018	2	896,789.4	559,944.2	35,755.3	20,743.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280,346.7	0.0
2018	3	933,913.5	557,369.8	94,315.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282,228.0	0.0
2018	4	920,461.5	556,672.7	90,668.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	273,120.6	0.0
2018	5	974,728.1	533,101.3	174,529.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	267,097.2	0.0
2018	6	1,051,236.5	560,383.6	260,654.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	230,198.5	0.0
2018	7	1,117,234.1	557,234.9	309,475.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250,524.1	0.0
2018	8	1,137,409.2	543,374.5	310,896.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	283,138.3	0.0

2018	9	1,163,853.9	558,906.8	320,749.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	284,198.0	0.0
2018	10	1,137,091.0	543,982.6	312,722.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280,385.9	0.0
2018	11	1,009,645.3	541,921.0	189,295.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278,429.4	0.0
2018	12	911,554.0	562,101.5	71,495.3	1,358.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276,598.4	0.0
2019	1	898,758.7	584,098.3	39,351.7	457.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274,851.2	0.0
2019	2	831,824.4	543,191.8	21,697.9	923.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	266,011.5	0.0
2019	3	934,592.1	567,148.1	88,755.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278,688.8	0.0
2019	4	917,772.2	574,536.9	90,032.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253,202.7	0.0
2019	5	1,026,444.8	563,083.4	195,975.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	267,386.2	0.0
2019	6	1,125,155.8	570,536.6	305,349.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249,270.0	0.0
2019	7	1,159,113.3	567,978.0	331,125.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260,010.2	0.0
2019	8	1,140,980.7	552,111.5	306,395.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282,474.2	0.0
2019	9	1,187,845.6	569,678.5	348,708.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269,458.4	0.0
2019	10	1,116,271.8	552,888.2	308,356.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	255,026.9	0.0
2019	11	1,004,281.9	549,180.2	227,890.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227,211.0	0.0
2019	12	868,241.0	576,295.5	55,989.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	235,955.6	0.0
2020	1	933,705.6	607,578.2	76,520.8	1,228.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	248,378.6	0.0
2020	2	830,349.2	551,861.7	55,346.3	5,811.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	217,329.3	0.0
2020	3	883,343.8	556,931.9	90,130.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236,281.6	0.0
2020	4	922,610.0	554,870.7	189,894.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-75,015.0	0.0	0.0	252,859.7	0.0
2020	5	844,134.4	532,194.1	194,340.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-122,584.9	0.0	240,185.2	0.0
2020	6	985,894.5	537,576.7	266,305.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-45,507.1	227,519.1	0.0
2020	7	1,114,064.8	554,038.0	345,165.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214,861.1	0.0
2020	8	1,092,411.7	550,044.4	340,156.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202,210.7	0.0
2020	9	1,094,877.7	565,466.6	336,162.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193,248.4	0.0
2020	10	1,026,323.7	555,350.2	274,609.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196,364.1	0.0
2020	11	952,101.2	541,608.4	214,853.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	195,639.8	0.0
2020	12	860,808.9	566,730.1	85,276.3	1,388.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207,414.3	0.0
2021	1	852,852.8	609,109.2	17,634.4	14,300.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211,809.1	0.0
2021	2	826,271.7	578,549.4	28,915.6	3,956.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214,849.9	0.0
2021	3	871,089.2	589,624.7	69,617.3	594.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211,252.8	0.0
2021	4	904,297.6	591,279.8	114,254.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198,763.5	0.0
2021	5	988,391.0	573,358.1	212,520.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202,512.7	0.0
2021	6	1,053,400.1	598,610.2	293,822.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160,967.4	0.0
2021	7	1,102,406.6	600,943.0	326,912.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174,551.2	0.0
2021	8	1,110,136.3	582,766.2	342,916.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184,454.2	0.0
2021	9	1,119,050.2	596,748.3	338,942.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183,359.3	0.0
2021	10	1,054,365.9	590,247.6	281,847.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182,270.9	0.0
2021	11	923,109.8	582,120.1	159,576.0	224.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181,189.0	0.0
2021	12	856,875.8	615,359.6	59,937.1	1,465.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180,113.5	0.0
2022	1	867,300.4	632,094.2	33,181.4	22,980.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179,044.4	0.0
2022	2	755,926.4	557,153.2	11,485.5	9,306.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	177,981.6	0.0
2022	3	808,760.4	584,844.6	42,505.6	4,485.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176,925.1	0.0
2022	4	863,331.2	593,769.8	92,876.9	809.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175,875.0	0.0
2022	5	964,867.3	608,168.7	181,867.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174,831.0	0.0
2022	6	1,066,622.4	612,502.3	280,326.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173,793.2	0.0
2022	7	1,126,959.2	614,514.1	339,683.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172,761.6	0.0

2022	8	1,170,939.9	631,059.9	368,143.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	171,736.2	0.0
2022	9	1,132,105.5	611,493.4	349,895.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170,716.8	0.0
2022	10	1,071,947.9	606,084.3	296,160.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169,703.4	0.0
2022	11	951,403.5	607,056.6	175,447.6	203.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168,696.1	0.0
2022	12	877,265.0	641,701.8	66,750.4	1,118.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167,694.8	0.0
2023	1	870,465.0	646,750.9	34,395.0	22,619.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166,699.4	0.0
2023	2	788,939.6	599,456.9	13,128.0	10,644.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	165,709.9	0.0
2023	3	808,631.7	595,984.4	43,610.2	4,310.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164,726.3	0.0
2023	4	877,342.4	614,929.0	97,848.3	816.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163,748.5	0.0
2023	5	955,806.3	609,488.9	183,540.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162,776.5	0.0
2023	6	1,073,603.1	625,047.9	286,744.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161,810.3	0.0
2023	7	1,134,244.9	627,064.9	346,330.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160,849.8	0.0
2023	8	1,173,873.3	640,762.6	373,215.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159,895.0	0.0
2023	9	1,138,380.7	623,748.5	355,686.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158,945.9	0.0
2023	10	1,072,692.2	615,882.1	298,807.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158,002.5	0.0
2023	11	954,484.2	620,695.6	176,519.2	204.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157,064.6	0.0
2023	12	875,658.3	651,874.9	66,524.5	1,126.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156,132.3	0.0
2024	1	836,484.9	626,205.1	33,400.2	21,674.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155,205.5	0.0
2024	2	796,817.6	616,993.9	13,774.3	11,765.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154,284.3	0.0
2024	3	809,564.1	609,016.6	42,836.3	4,342.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153,368.5	0.0
2024	4	868,596.1	623,007.6	92,158.4	972.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152,458.1	0.0
2024	5	960,941.6	627,706.8	181,681.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151,553.1	0.0
2024	6	1,120,656.0	668,621.1	301,381.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150,653.6	0.0
2024	7	1,138,535.5	638,333.6	350,442.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149,759.3	0.0
2024	8	1,184,871.5	655,414.6	380,586.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148,870.4	0.0
2024	9	1,152,117.1	640,172.6	363,957.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147,986.7	0.0
2024	10	1,076,121.9	625,681.3	303,332.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147,108.3	0.0
2024	11	962,355.2	633,596.6	182,331.0	192.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146,235.1	0.0
2024	12	870,655.2	654,828.7	69,520.5	938.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145,367.1	0.0
2025	1	913,367.1	709,358.9	36,086.1	23,417.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144,504.2	0.0
2025	2	788,229.5	620,329.5	13,496.9	10,756.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143,646.4	0.0
2025	3	810,436.2	617,458.7	46,222.7	3,960.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142,793.8	0.0
2025	4	868,941.5	625,364.4	100,829.7	801.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141,946.2	0.0
2025	5	979,401.8	642,793.6	195,504.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141,103.6	0.0
2025	6	1,091,454.5	651,494.0	299,694.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140,266.1	0.0
2025	7	1,138,136.3	645,041.6	353,661.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139,433.5	0.0
2025	8	1,139,719.9	633,572.6	367,541.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138,605.8	0.0
2025	9	1,202,213.4	680,850.9	383,579.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137,783.1	0.0
2025	10	1,068,765.2	632,009.6	299,790.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136,965.2	0.0
2025	11	957,038.4	645,338.2	175,341.8	206.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136,152.2	0.0
2025	12	871,655.9	669,019.3	65,902.0	1,390.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135,344.1	0.0
2026	1	874,051.4	681,790.9	34,165.2	23,554.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134,540.7	0.0
2026	2	783,187.1	625,606.2	13,677.9	10,160.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133,742.1	0.0
2026	3	808,498.6	624,729.8	46,895.6	3,925.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132,948.2	0.0
2026	4	887,603.6	648,585.4	106,074.4	784.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132,159.1	0.0
2026	5	962,796.5	635,197.5	196,224.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131,374.6	0.0
2026	6	1,090,940.4	657,757.1	302,588.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130,594.8	0.0

2026	7	1,140,376.2	653,289.8	357,266.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129,819.6	0.0
2026	8	1,138,471.6	639,422.2	370,000.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129,049.0	0.0
2026	9	1,144,504.2	650,409.7	365,811.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128,283.0	0.0
2026	10	1,082,965.3	646,056.0	309,387.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127,521.6	0.0
2026	11	954,523.4	646,397.4	181,156.0	205.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126,764.6	0.0
2026	12	874,735.1	678,770.8	68,744.2	1,208.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126,012.2	0.0
2027	1	883,300.1	699,055.9	35,578.2	23,401.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125,264.2	0.0
2027	2	804,823.0	655,017.4	14,868.8	10,416.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124,520.6	0.0
2027	3	839,981.1	661,727.9	50,420.9	4,050.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123,781.5	0.0
2027	4	897,166.3	660,093.7	113,380.1	645.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123,046.8	0.0
2027	5	962,081.4	636,894.4	202,870.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122,316.4	0.0
2027	6	1,093,970.3	662,973.9	309,406.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121,590.4	0.0
2027	7	1,150,085.9	665,009.7	364,207.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120,868.6	0.0
2027	8	1,139,460.5	645,643.8	373,665.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120,151.2	0.0
2027	9	1,148,364.0	660,143.6	368,782.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119,438.0	0.0
2027	10	1,076,263.7	651,538.2	305,996.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118,729.0	0.0
2027	11	932,232.4	641,117.6	172,858.0	232.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118,024.3	0.0
2027	12	859,767.4	676,154.7	64,775.3	1,513.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117,323.7	0.0
2028	1	794,299.0	623,872.5	33,005.3	20,793.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116,627.3	0.0
2028	2	824,662.1	681,471.5	15,207.9	12,047.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115,935.0	0.0
2028	3	805,688.0	640,504.1	45,459.8	4,477.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115,246.8	0.0
2028	4	903,075.6	683,608.5	104,010.3	894.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114,562.8	0.0
2028	5	972,464.3	662,347.6	196,234.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113,882.7	0.0
2028	6	1,088,064.3	671,368.1	303,489.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113,206.8	0.0
2028	7	1,201,920.4	705,399.1	383,986.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112,534.8	0.0
2028	8	1,145,373.7	656,092.8	377,414.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111,866.8	0.0
2028	9	1,209,683.5	703,986.2	394,494.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111,202.8	0.0
2028	10	1,078,252.8	657,679.6	310,030.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110,542.7	0.0
2028	11	938,440.6	650,412.8	177,922.1	219.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109,886.6	0.0
2028	12	860,835.4	683,712.6	66,771.7	1,116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109,234.3	0.0
2029	1	873,312.5	704,985.9	36,795.3	22,945.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108,585.9	0.0
2029	2	818,253.5	683,984.8	15,199.2	11,128.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107,941.4	0.0
2029	3	844,559.5	681,034.6	52,277.3	3,947.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107,300.6	0.0
2029	4	903,723.6	681,630.2	114,763.8	666.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106,663.7	0.0
2029	5	967,253.2	653,356.1	207,866.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106,030.6	0.0
2029	6	1,111,133.5	685,786.5	319,945.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105,401.2	0.0
2029	7	1,158,602.8	681,199.0	372,628.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104,775.6	0.0
2029	8	1,153,252.7	664,623.4	384,475.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104,153.7	0.0
2029	9	1,169,373.8	684,036.8	381,801.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103,535.4	0.0
2029	10	1,081,738.9	666,192.2	312,625.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102,920.9	0.0
2029	11	945,400.6	664,407.1	178,464.1	219.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102,309.9	0.0
2029	12	861,606.5	691,409.5	67,251.1	1,243.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101,702.6	0.0
2030	1	871,755.3	711,248.8	36,468.2	22,939.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101,099.0	0.0
2030	2	786,362.8	660,960.3	14,105.2	10,798.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100,498.9	0.0
2030	3	844,936.6	689,145.5	51,746.2	4,142.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99,902.3	0.0
2030	4	915,381.1	698,682.2	116,648.0	741.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99,309.3	0.0
2030	5	1,000,474.2	684,637.3	217,117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98,719.8	0.0

2030	6	1,115,653.8	692,706.1	324,813.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98,133.9	0.0
2030	7	1,164,536.4	689,144.4	377,840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97,551.4	0.0
2030	8	1,159,712.3	672,328.3	390,411.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96,972.3	0.0
2030	9	1,176,664.1	693,062.1	387,205.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96,396.7	0.0
2030	10	1,083,382.9	672,714.7	314,843.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95,824.5	0.0
2030	11	941,537.3	667,489.1	178,572.9	219.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95,255.7	0.0
2030	12	860,752.8	697,058.9	67,706.4	1,297.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94,690.3	0.0
2031	1	880,652.0	727,058.0	36,494.9	22,970.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94,128.2	0.0
2031	2	788,173.3	669,351.0	14,528.6	10,724.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93,569.5	0.0
2031	3	812,878.2	666,166.0	49,749.7	3,948.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93,014.1	0.0
2031	4	886,246.1	682,556.3	110,429.3	798.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92,462.0	0.0
2031	5	985,722.0	685,363.1	208,445.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91,913.2	0.0
2031	6	1,116,454.8	702,638.6	322,448.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91,367.6	0.0
2031	7	1,166,910.5	695,610.3	380,474.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90,825.2	0.0
2031	8	1,168,814.6	683,165.5	395,362.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90,286.1	0.0
2031	9	1,236,311.7	734,017.8	412,543.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89,750.2	0.0
2031	10	1,092,813.7	681,230.9	322,365.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89,217.5	0.0
2031	11	972,859.3	695,458.4	188,507.8	205.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88,687.9	0.0
2031	12	881,226.1	720,843.2	70,837.1	1,384.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88,161.5	0.0
2032	1	885,293.9	737,209.2	37,017.5	23,429.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87,638.1	0.0
2032	2	788,462.3	676,419.1	14,819.0	10,106.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87,117.9	0.0
2032	3	816,098.5	675,492.4	50,119.7	3,885.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86,600.8	0.0
2032	4	892,280.2	694,409.1	110,985.5	798.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86,086.8	0.0
2032	5	987,428.8	692,646.3	209,206.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85,575.8	0.0
2032	6	1,114,113.5	706,690.3	322,355.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85,067.8	0.0
2032	7	1,180,977.4	708,844.3	387,570.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84,562.9	0.0
2032	8	1,180,733.8	695,083.5	401,589.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84,060.9	0.0
2032	9	1,185,063.6	703,586.9	397,914.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83,562.0	0.0
2032	10	1,120,726.2	699,019.0	338,641.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83,066.0	0.0
2032	11	969,103.2	685,502.4	200,823.4	204.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82,572.9	0.0
2032	12	873,411.8	714,724.1	75,740.7	864.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82,082.8	0.0
2033	1	925,155.7	779,255.1	41,727.3	22,577.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81,595.5	0.0
2033	2	797,377.2	690,837.8	14,769.8	10,658.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81,111.2	0.0
2033	3	819,649.5	685,261.1	49,245.4	4,513.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80,629.7	0.0
2033	4	883,612.7	695,134.3	107,513.3	813.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80,151.1	0.0
2033	5	1,002,295.1	712,068.7	210,551.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79,675.4	0.0
2033	6	1,120,636.6	716,972.4	324,461.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79,202.4	0.0
2033	7	1,190,984.0	719,172.8	393,078.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78,732.3	0.0
2033	8	1,242,349.9	738,241.8	425,843.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78,265.0	0.0
2033	9	1,197,408.7	715,046.7	404,561.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77,800.4	0.0
2033	10	1,127,498.6	708,052.3	342,107.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77,338.6	0.0
2033	11	988,114.0	708,546.7	202,484.1	203.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76,879.5	0.0
2033	12	903,492.2	748,918.4	77,029.8	1,120.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76,423.2	0.0
2034	1	893,957.5	755,661.7	39,847.0	22,479.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,969.6	0.0
2034	2	801,433.5	700,137.1	15,203.1	10,574.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,518.6	0.0
2034	3	825,461.9	695,640.2	50,471.7	4,279.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,070.4	0.0
2034	4	906,140.8	717,501.7	113,203.9	810.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,624.8	0.0

2034	5	997,412.3	710,947.7	212,282.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,181.8	0.0
2034	6	1,134,317.5	728,980.6	331,595.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73,741.5	0.0
2034	7	1,204,939.3	731,205.1	400,430.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73,303.8	0.0
2034	8	1,251,216.2	746,958.4	431,389.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72,868.7	0.0
2034	9	1,210,485.9	726,995.4	411,054.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72,436.1	0.0
2034	10	1,134,634.7	717,475.8	345,152.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72,006.2	0.0
2034	11	998,351.4	722,762.9	203,807.1	202.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71,578.7	0.0
2034	12	907,985.1	758,922.0	76,793.5	1,115.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71,153.9	0.0
2035	1	899,920.1	766,363.1	40,263.0	22,562.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70,731.5	0.0
2035	2	841,366.3	743,482.6	16,630.5	10,941.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70,311.7	0.0
2035	3	871,206.9	740,234.8	57,197.0	3,880.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69,894.3	0.0
2035	4	936,534.2	740,842.7	125,557.4	654.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69,479.4	0.0
2035	5	1,006,564.0	710,088.2	227,408.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69,067.0	0.0
2035	6	1,163,976.9	745,307.6	350,012.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68,657.0	0.0
2035	7	1,216,196.5	740,308.7	407,638.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68,249.5	0.0
2035	8	1,210,691.4	722,265.3	420,581.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67,844.4	0.0
2035	9	1,228,389.0	743,316.6	417,630.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67,441.7	0.0
2035	10	1,132,869.8	723,884.5	341,943.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67,041.4	0.0
2035	11	983,962.2	721,911.6	195,191.5	215.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66,643.4	0.0
2035	12	892,258.5	751,235.8	73,553.1	1,221.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66,247.8	0.0
2036	1	904,657.5	776,336.0	40,012.7	22,454.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65,854.6	0.0
2036	2	812,974.9	721,464.3	15,476.5	10,570.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65,463.7	0.0
2036	3	848,554.0	725,357.8	54,196.2	3,924.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65,075.1	0.0
2036	4	949,346.3	762,598.1	121,203.1	856.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64,688.9	0.0
2036	5	981,085.2	704,374.8	212,405.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64,304.9	0.0
2036	6	1,165,256.7	757,278.9	344,054.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63,923.2	0.0
2036	7	1,222,027.6	748,462.2	410,021.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63,543.7	0.0
2036	8	1,282,772.4	772,101.8	447,504.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63,166.6	0.0
2036	9	1,300,238.3	791,088.5	446,358.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62,791.6	0.0
2036	10	1,145,412.4	734,202.7	348,790.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62,418.9	0.0
2036	11	1,009,856.3	744,575.0	203,031.4	201.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62,048.4	0.0
2036	12	922,471.6	781,858.4	77,573.7	1,359.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61,680.1	0.0
2037	1	921,053.4	796,566.4	40,130.3	23,042.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61,314.0	0.0
2037	2	817,808.1	730,854.4	16,064.5	9,939.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60,950.0	0.0
2037	3	849,310.2	729,806.4	55,076.4	3,839.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60,588.2	0.0
2037	4	924,390.2	741,508.0	121,886.1	767.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60,228.6	0.0
2037	5	1,051,272.1	758,243.2	233,157.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59,871.1	0.0
2037	6	1,183,320.3	768,417.4	355,387.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59,515.7	0.0
2037	7	1,241,972.7	763,202.1	419,608.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59,162.4	0.0
2037	8	1,240,425.1	747,032.2	434,581.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58,811.3	0.0
2037	9	1,248,086.4	759,928.7	429,695.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58,462.2	0.0
2037	10	1,176,511.4	754,933.8	363,462.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58,115.1	0.0
2037	11	1,026,193.3	755,388.2	212,834.0	201.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57,770.2	0.0
2037	12	932,620.9	793,244.0	80,767.6	1,182.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57,427.3	0.0
2038	1	943,017.5	820,971.7	42,091.3	22,868.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57,086.4	0.0
2038	2	853,738.3	769,222.5	17,590.0	10,178.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56,747.5	0.0
2038	3	897,075.1	777,060.8	59,645.6	3,958.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56,410.7	0.0

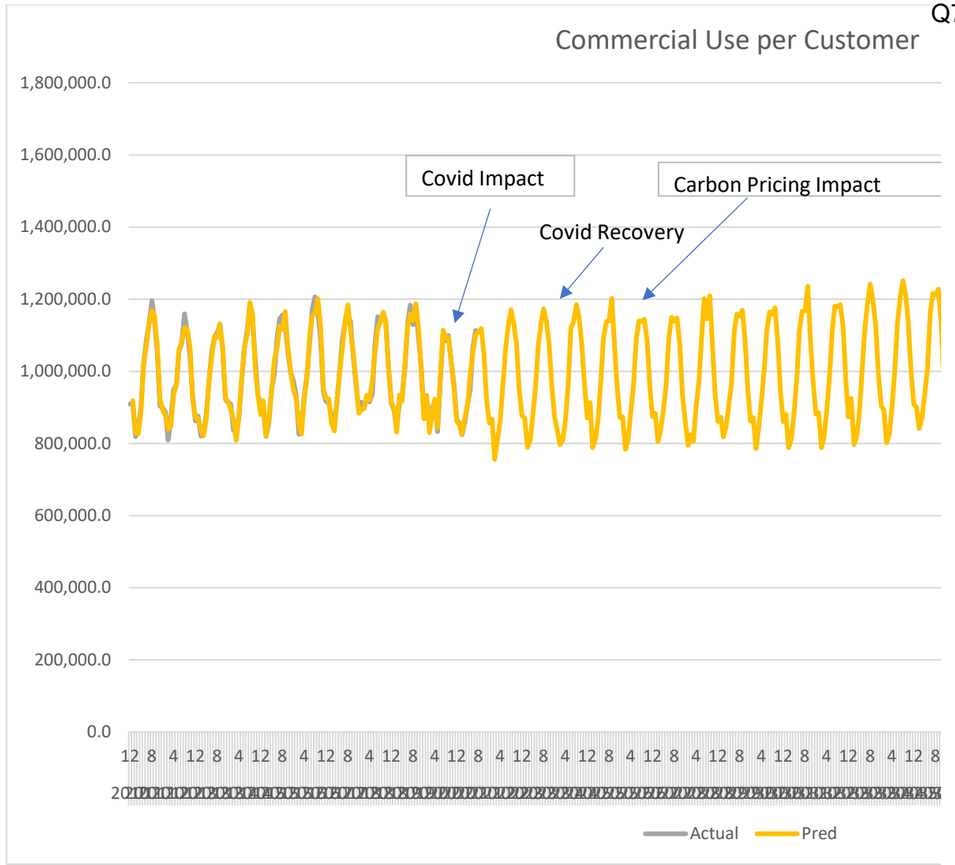
2038	4	965,915.0	775,093.3	134,115.0	630.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56,075.9	0.0
2038	5	1,043,502.2	747,803.3	239,955.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55,743.0	0.0
2038	6	1,199,700.2	778,354.6	365,933.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55,412.1	0.0
2038	7	1,266,451.9	780,665.3	430,703.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55,083.2	0.0
2038	8	1,254,456.3	757,855.9	441,844.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54,756.3	0.0
2038	9	1,265,229.9	774,781.6	436,017.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54,431.2	0.0
2038	10	1,180,417.7	764,575.6	361,733.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54,108.1	0.0
2038	11	1,010,567.9	752,239.0	204,314.9	227.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53,787.0	0.0
2038	12	924,720.4	793,224.0	76,551.1	1,477.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53,467.7	0.0
2039	1	892,600.7	776,979.5	40,967.2	21,503.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53,150.3	0.0
2039	2	839,831.7	760,247.3	16,295.5	10,454.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52,834.8	0.0
2039	3	865,314.1	754,039.4	54,327.1	4,426.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52,521.2	0.0
2039	4	947,799.5	773,823.7	120,968.2	798.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52,209.5	0.0
2039	5	1,056,135.8	774,378.2	229,858.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51,899.6	0.0
2039	6	1,198,149.1	788,713.7	357,843.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51,591.5	0.0
2039	7	1,275,828.9	791,062.3	433,481.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51,285.3	0.0
2039	8	1,332,530.9	811,973.7	469,576.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,980.8	0.0
2039	9	1,283,130.6	786,386.2	446,066.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,678.2	0.0
2039	10	1,206,156.8	778,613.4	377,166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,377.4	0.0
2039	11	1,052,571.5	779,081.1	223,212.4	199.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,078.4	0.0
2039	12	959,178.1	823,391.6	84,907.1	1,098.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49,781.1	0.0
2040	1	949,543.4	833,800.1	44,090.8	22,166.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49,485.6	0.0
2040	2	843,840.5	767,489.4	16,812.1	10,347.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49,191.9	0.0
2040	3	873,556.3	765,093.8	55,424.4	4,138.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48,899.9	0.0
2040	4	951,061.4	782,554.7	119,028.7	868.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48,609.6	0.0
2040	5	1,069,544.5	788,342.5	232,880.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48,321.1	0.0
2040	6	1,212,827.3	801,592.4	363,200.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48,034.3	0.0
2040	7	1,291,375.8	802,680.0	440,946.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47,749.2	0.0
2040	8	1,347,348.5	822,588.8	477,294.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47,465.7	0.0
2040	9	1,302,341.7	799,258.1	455,899.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47,184.0	0.0
2040	10	1,220,528.2	788,736.2	384,888.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46,903.9	0.0
2040	11	1,064,934.5	787,887.6	230,235.4	186.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46,625.5	0.0
2040	12	977,473.1	840,811.1	89,457.7	855.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46,348.7	0.0
2041	1	994,884.0	879,991.9	46,264.0	22,554.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46,073.6	0.0
2041	2	854,107.7	780,974.5	16,889.2	10,443.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45,800.1	0.0
2041	3	925,728.2	814,237.2	61,956.4	4,006.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45,528.3	0.0
2041	4	1,011,080.4	825,450.2	139,655.0	717.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45,258.0	0.0
2041	5	1,113,733.0	808,816.7	259,926.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44,989.4	0.0
2041	6	1,251,870.8	818,308.7	388,839.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44,722.3	0.0
2041	7	1,310,833.0	814,073.0	452,303.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44,456.9	0.0
2041	8	1,305,700.7	794,175.5	467,332.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44,193.0	0.0
2041	9	1,326,014.1	818,617.3	463,466.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43,930.7	0.0
2041	10	1,215,021.9	794,526.5	376,825.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43,669.9	0.0
2041	11	1,045,636.9	788,300.8	213,713.1	212.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43,410.7	0.0
2041	12	948,603.3	823,171.4	81,024.9	1,254.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43,153.0	0.0
2042	1	971,150.9	862,099.0	43,902.6	22,252.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42,896.9	0.0
2042	2	864,142.5	793,635.2	17,476.8	10,388.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42,642.2	0.0

2042	3	895,867.7	789,812.6	59,841.5	3,824.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42,389.1	0.0
2042	4	995,963.8	818,621.1	134,431.8	773.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42,137.5	0.0
2042	5	1,094,007.8	803,034.8	249,085.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41,887.4	0.0
2042	6	1,262,311.2	832,891.0	387,781.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41,638.8	0.0
2042	7	1,323,449.9	824,517.2	457,541.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41,391.6	0.0
2042	8	1,326,281.3	809,718.6	475,416.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41,145.9	0.0
2042	9	1,406,906.4	869,951.1	496,053.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40,901.7	0.0
2042	10	1,235,616.2	807,353.4	387,603.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40,658.9	0.0
2042	11	1,091,450.3	824,185.2	226,648.8	198.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40,417.6	0.0
2042	12	980,925.8	854,241.0	85,166.9	1,340.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40,177.6	0.0
2043	1	984,506.5	877,079.8	44,710.7	22,776.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39,939.2	0.0
2043	2	872,133.8	804,709.6	17,897.7	9,824.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39,702.1	0.0
2043	3	908,171.6	803,549.4	61,361.0	3,794.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39,466.4	0.0
2043	4	1,003,323.8	826,000.5	137,332.5	758.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39,232.2	0.0
2043	5	1,122,429.8	825,223.4	258,207.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,999.3	0.0
2043	6	1,280,670.7	845,994.8	395,908.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,767.8	0.0
2043	7	1,346,206.1	840,229.9	467,438.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,537.7	0.0
2043	8	1,344,833.7	822,414.2	484,110.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,308.9	0.0
2043	9	1,353,340.7	836,599.0	478,660.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,081.5	0.0
2043	10	1,273,819.5	831,089.5	404,874.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37,855.5	0.0
2043	11	1,106,496.0	831,584.3	237,082.3	198.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37,630.8	0.0
2043	12	1,001,792.0	873,248.0	89,968.4	1,168.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37,407.4	0.0
2044	1	951,574.7	848,154.2	44,915.9	21,319.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37,185.4	0.0
2044	2	893,284.1	827,240.8	18,339.6	10,739.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36,964.6	0.0
2044	3	917,561.5	817,735.5	58,737.3	4,343.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36,745.2	0.0
2044	4	1,083,307.7	904,684.6	141,227.4	868.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36,527.1	0.0
2044	5	1,096,838.3	813,253.5	247,274.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36,310.3	0.0
2044	6	1,284,551.7	855,317.7	393,139.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36,094.8	0.0
2044	7	1,370,019.9	857,888.9	476,250.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35,880.5	0.0
2044	8	1,368,984.5	841,198.3	492,118.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35,667.5	0.0
2044	9	1,441,698.9	892,306.5	513,936.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35,455.8	0.0
2044	10	1,294,042.2	844,408.3	414,388.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35,245.4	0.0
2044	11	1,108,446.4	829,401.0	243,810.9	198.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35,036.2	0.0
2044	12	993,691.4	866,106.6	91,918.4	838.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,828.2	0.0
2045	1	1,055,461.7	947,277.8	51,315.6	22,246.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,621.5	0.0
2045	2	901,599.8	838,329.0	18,506.7	10,348.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,416.0	0.0
2045	3	932,724.2	832,889.7	61,435.1	4,187.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,211.7	0.0
2045	4	1,031,595.4	859,008.9	137,785.0	792.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,008.6	0.0
2045	5	1,143,271.0	851,104.0	258,360.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33,806.7	0.0
2045	6	1,309,787.8	872,636.8	403,544.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33,606.1	0.0
2045	7	1,395,945.9	875,250.7	487,288.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33,406.6	0.0
2045	8	1,452,186.8	894,049.8	524,928.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33,208.3	0.0
2045	9	1,403,245.9	870,088.5	500,146.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33,011.2	0.0
2045	10	1,311,382.8	858,635.6	419,932.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32,815.2	0.0
2045	11	1,145,660.7	864,897.7	247,944.3	198.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32,620.4	0.0
2045	12	1,035,054.0	908,117.2	93,418.9	1,091.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32,426.8	0.0
2046	1	1,024,564.3	920,959.7	49,236.9	22,133.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32,234.3	0.0

2046	2	956,530.6	893,418.5	20,336.1	10,733.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32,043.0	0.0
2046	3	995,042.1	889,446.7	69,936.2	3,806.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,852.8	0.0
2046	4	1,075,914.4	890,099.7	153,508.8	642.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,663.7	0.0
2046	5	1,162,555.2	853,070.8	278,008.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,475.8	0.0
2046	6	1,354,445.0	895,302.0	427,854.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,288.9	0.0
2046	7	1,418,583.6	889,225.0	498,255.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,103.2	0.0
2046	8	1,412,431.9	867,479.9	514,033.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,918.6	0.0
2046	9	1,433,846.1	892,713.1	510,397.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,735.1	0.0
2046	10	1,317,748.7	869,322.6	417,873.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,552.6	0.0
2046	11	1,136,006.8	866,903.4	238,520.7	211.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,371.3	0.0
2046	12	1,023,338.6	902,073.8	89,876.3	1,197.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,191.0	0.0
2047	1	1,037,541.6	936,320.1	49,111.2	22,098.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,011.8	0.0
2047	2	929,315.2	870,084.8	18,994.5	10,402.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29,833.6	0.0
2047	3	1,010,457.4	907,131.7	69,678.9	3,990.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29,656.6	0.0
2047	4	1,106,875.7	919,619.7	157,061.2	714.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29,480.5	0.0
2047	5	1,222,697.3	901,073.2	292,318.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29,305.5	0.0
2047	6	1,378,058.8	911,636.5	437,290.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29,131.6	0.0
2047	7	1,444,510.3	906,899.8	508,651.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,958.7	0.0
2047	8	1,439,048.1	884,717.5	525,543.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,786.8	0.0
2047	9	1,461,745.6	911,938.0	521,191.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,615.9	0.0
2047	10	1,337,296.5	885,094.0	423,756.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,446.0	0.0
2047	11	1,146,949.8	878,137.4	240,323.8	211.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,277.2	0.0
2047	12	1,037,434.3	916,964.2	91,112.0	1,248.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,109.3	0.0
2048	1	1,063,959.9	964,322.6	49,489.3	22,205.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,942.5	0.0
2048	2	945,583.3	887,739.5	19,700.7	10,366.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,776.6	0.0
2048	3	1,027,574.5	925,531.5	70,595.8	3,835.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,611.8	0.0
2048	4	1,143,920.8	953,302.6	162,417.6	752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,447.9	0.0
2048	5	1,225,288.7	905,735.4	292,268.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,284.9	0.0
2048	6	1,398,248.6	928,552.9	442,572.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27,123.0	0.0
2048	7	1,475,839.1	928,262.5	520,614.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,962.0	0.0
2048	8	1,460,135.8	899,555.8	533,778.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,801.9	0.0
2048	9	1,475,594.0	921,221.7	527,729.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,642.8	0.0
2048	10	1,379,594.8	912,098.5	441,011.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,484.7	0.0
2048	11	1,172,205.7	895,858.3	249,808.4	211.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,327.5	0.0
2048	12	1,056,796.0	935,466.9	94,005.3	1,152.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,171.2	0.0
2049	1	1,099,105.2	998,325.4	52,099.9	22,664.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,015.9	0.0
2049	2	993,098.2	935,377.4	21,772.2	10,087.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,861.4	0.0
2049	3	1,048,356.9	944,900.3	73,826.1	3,922.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,707.9	0.0
2049	4	1,134,699.0	942,516.5	166,001.9	625.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,555.3	0.0
2049	5	1,231,753.9	909,340.3	297,010.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,403.7	0.0
2049	6	1,424,690.2	946,494.5	452,942.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,252.9	0.0
2049	7	1,507,520.3	949,304.2	533,113.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25,103.0	0.0
2049	8	1,493,409.1	921,557.9	546,897.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,954.0	0.0
2049	9	1,506,610.8	942,127.3	539,677.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,805.8	0.0
2049	10	1,402,093.2	929,705.9	447,728.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,658.6	0.0
2049	11	1,192,303.4	914,685.1	252,881.1	225.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,512.2	0.0
2049	12	1,085,088.8	964,511.2	94,746.6	1,464.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,366.7	0.0

2050	1	1,046,170.3	949,566.1	50,969.9	21,412.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,222.1	0.0
2050	2	983,870.8	929,108.9	20,274.0	10,409.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,078.3	0.0
2050	3	1,017,456.2	921,522.2	67,591.1	4,407.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,935.4	0.0
2050	4	1,120,787.4	945,697.3	150,502.1	794.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,793.3	0.0
2050	5	1,256,000.4	946,372.2	285,976.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,652.1	0.0
2050	6	1,432,615.6	963,894.1	445,209.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,511.7	0.0
2050	7	1,529,453.9	966,766.7	539,315.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,372.1	0.0
2050	8	1,599,778.7	992,322.8	584,222.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,233.4	0.0
2050	9	1,539,109.8	961,045.6	554,968.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23,095.5	0.0
2050	10	1,443,760.2	951,551.9	469,250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22,958.4	0.0
2050	11	1,252,857.6	952,126.8	277,709.9	198.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22,822.1	0.0
2050	12	1,135,715.2	1,006,296.0	105,639.1	1,093.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22,686.7	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma	MAPE
2010	12	909,215.0					
2011	1	912,173.0	918275.8131	1020695.912	815855.7146	51696.78834	0.6646%
2011	2	819,066.0	828820.0375	925267.1404	732372.9345	48681.9046	1.1769%
2011	3	838,740.0	827084.2384	924021.5158	730146.9611	48929.32132	1.4093%
2011	4	904,938.0	888797.6308	985983.3121	791611.9495	49054.70379	1.8160%
2011	5	1,021,790.0	1020867.301	1122322.994	919411.608	51210.00238	0.0904%
2011	6	1,086,842.0	1071479.803	1172658.34	970301.2656	51070.10724	1.4337%
2011	7	1,135,355.0	1134600.514	1236115.041	1033085.987	51239.69906	0.0665%
2011	8	1,196,310.0	1168600.968	1272458.011	1064743.926	52422.08944	2.3711%
2011	9	1,142,214.0	1156095.717	1256991.344	1055200.09	50927.30755	1.2007%
2011	10	1,053,964.0	1073356.668	1173198.932	973514.404	50395.62011	1.8067%
2011	11	903,314.0	923530.2933	1023290.026	823770.5607	50353.96234	2.1890%
2011	12	899,178.0	892751.1285	997624.0297	787878.2273	52934.84632	0.7199%
2012	1	886,166.0	876809.8846	981334.4172	772285.352	52759.00645	1.0671%
2012	2	809,301.0	839285.0509	937017.5404	741552.5614	49330.70654	3.5726%
2012	3	868,359.0	846191.8176	943571.5914	748812.0438	49152.67244	2.6196%
2012	4	949,465.0	937152.8847	1037399.186	836906.5835	50599.55896	1.3138%
2012	5	961,956.0	961274.7736	1060608.67	861940.8768	50139.02068	0.0709%
2012	6	1,055,573.0	1059261.043	1161034.041	957488.0454	51370.16272	0.3482%
2012	7	1,077,932.0	1082763.455	1184820.461	980706.4485	51513.51666	0.4462%
2012	8	1,159,304.0	1120509.613	1224986.072	1016033.153	52734.74147	3.4622%
2012	9	1,111,552.0	1118286.912	1219948.662	1016625.162	51314.01036	0.6023%
2012	10	1,039,844.0	1067232.35	1167501.013	966963.6868	50610.84614	2.5663%
2012	11	934,271.0	926459.9246	1026323.288	826596.561	50406.27033	0.8431%
2012	12	862,467.0	871687.2166	977700.2617	765674.1715	53510.33666	1.0577%
2013	1	875,707.0	870377.9069	976871.8352	763883.9787	53753.06359	0.6123%
2013	2	820,802.0	838519.3137	938777.1416	738261.4858	50605.37709	2.1129%
2013	3	828,295.0	820838.1412	919805.0226	721871.2598	49953.76878	0.9084%
2013	4	878,623.0	866416.686	969409.4781	763423.894	51985.85677	1.4088%
2013	5	973,795.0	970802.7204	1074785.181	866820.2602	52485.39412	0.3082%
2013	6	1,056,182.0	1042478.431	1146527.575	938429.2875	52519.05285	1.3145%
2013	7	1,095,239.0	1096338.118	1199794.381	992881.8541	52219.79505	0.1003%
2013	8	1,106,220.0	1093942.543	1196039.202	991845.8846	51533.53132	1.1223%
2013	9	1,129,282.0	1131908.212	1236304.769	1027511.655	52694.41047	0.2320%
2013	10	1,063,367.0	1068647.521	1170865.995	966429.0464	51595.01801	0.4941%
2013	11	922,686.0	926501.2715	1033854.81	819147.7332	54186.95382	0.4118%
2013	12	913,575.0	917413.0586	1023362.814	811463.3035	53478.39088	0.4184%
2014	1	909,122.0	893753.7084	1001024.627	786482.7893	54145.25153	1.7195%
2014	2	836,711.0	864901.5824	967973.1018	761830.0631	52025.59456	3.2594%
2014	3	835,904.0	808627.0466	908390.735	708863.3582	50355.95901	3.3732%
2014	4	869,047.0	872890.9597	974072.788	771709.1315	51071.76849	0.4404%
2014	5	972,145.0	974933.115	1078991.751	870874.4786	52523.8442	0.2860%
2014	6	1,061,486.0	1064718.508	1170273.177	959163.8395	53278.97016	0.3036%
2014	7	1,114,514.0	1102792.785	1207812.136	997773.434	53008.7671	1.0629%
2014	8	1,181,073.0	1191191.14	1302117.705	1080264.574	55990.44761	0.8494%
2014	9	1,151,150.0	1161328.571	1271627.304	1051029.838	55673.54796	0.8765%



Residualshave random pattern
MAPE 1.44%
MAD 14,225
Model Coefficients are all significant
Cooling Elasticity 17.35%
Heating Elasticity 0.22%
Other Load Elasticity 53.10%

no Need to update forecast for Spring 2022

2014	10	1,033,457.0	1009078.915	1112038.818	906119.011	51969.25624	2.4159%
2014	11	931,935.0	933365.1752	1037908.082	828822.2685	52768.28081	0.1532%
2014	12	912,986.0	879950.4662	987741.8053	772159.127	54407.9348	3.7542%
2015	1	895,053.0	918843.597	1028927.835	808759.3586	55565.28114	2.5892%
2015	2	819,414.0	820895.3386	923033.9287	718756.7485	51554.6963	0.1805%
2015	3	857,476.0	867717.5528	968994.9578	766440.1477	51120.01108	1.1803%
2015	4	950,305.0	945498.1779	1049364.506	841631.8499	52426.7761	0.5084%
2015	5	993,003.0	1032010.92	1138409.216	925612.6248	53704.79269	3.7798%
2015	6	1,089,757.0	1060838.16	1168843.244	952833.0764	54515.82298	2.7260%
2015	7	1,146,581.0	1125425.713	1233035.349	1017816.076	54316.21987	1.8798%
2015	8	1,156,239.0	1117161.006	1222750.58	1011571.432	53296.58863	3.4980%
2015	9	1,127,703.0	1165969.27	1273059.031	1058879.509	54053.81159	3.2819%
2015	10	1,056,036.0	1068360.866	1174591.724	962130.007	53620.2785	1.1536%
2015	11	997,712.0	1001470.916	1107620.901	895320.9317	53579.45712	0.3753%
2015	12	973,862.0	949620.9107	1060314.27	838927.5513	55872.73647	2.5527%
2016	1	935,097.0	926058.1993	1034461.403	817654.9956	54716.77489	0.9761%
2016	2	825,125.0	855260.9667	960553.0869	749968.8464	53146.44815	3.5236%
2016	3	836,145.0	826013.7744	931019.3912	721008.1576	53001.83485	1.2265%
2016	4	931,781.0	923999.6842	1033341.612	814657.7561	55190.59825	0.8421%
2016	5	989,376.0	981548.2095	1088745.671	874350.7481	54108.17357	0.7975%
2016	6	1,083,907.0	1104912.242	1215623.501	994200.9834	55881.77128	1.9011%
2016	7	1,173,605.0	1154270.528	1265497.161	1043043.895	56141.90759	1.6750%
2016	8	1,206,607.0	1162143.018	1271686.612	1052599.424	55292.38954	3.8260%
2016	9	1,165,191.0	1201362.062	1314225.339	1088498.785	56968.00753	3.0108%
2016	10	1,085,249.0	1121636.097	1231341.627	1011930.568	55374.12695	3.2441%
2016	11	944,054.0	949753.8062	1057470.852	842036.7608	54370.43486	0.6001%
2016	12	917,078.0	927210.0089	1044160.435	810259.5832	59031.00554	1.0927%
2017	1	913,283.0	923475.5234	1043578.567	803372.4797	60622.297	1.1037%
2017	2	874,319.0	855633.7862	972565.3692	738702.2032	59021.49466	2.1838%
2017	3	853,277.0	834480.1868	942167.575	726792.7986	54355.46532	2.2525%
2017	4	912,410.0	909232.9322	1018689.841	799776.023	55248.63523	0.3494%
2017	5	999,081.0	996571.1007	1107450.436	885691.7655	55966.60814	0.2519%
2017	6	1,089,543.0	1063722.704	1175939.712	951505.6952	56641.80191	2.4274%
2017	7	1,136,072.0	1140007.857	1252422.993	1027592.721	56741.80707	0.3452%
2017	8	1,143,392.0	1184429.967	1299108.439	1069751.495	57884.23155	3.4648%
2017	9	1,140,198.0	1115143.26	1227330.982	1002955.538	56627.01936	2.2468%
2017	10	1,042,288.0	1053523.94	1168652.383	938395.4968	58111.35553	1.0665%
2017	11	962,403.0	973706.0478	1085637.758	861774.3376	56497.79695	1.1608%
2017	12	894,852.0	883540.8586	1000515.854	766565.8634	59043.40704	1.2802%
2018	1	914,437.0	893045.1013	1008959.879	777130.3238	58508.25964	2.3954%
2018	2	900,356.0	896789.4269	1010303.288	783275.5654	57296.39158	0.3977%
2018	3	926,437.0	933913.5355	1048528.458	819298.6129	57852.1548	0.8006%
2018	4	916,033.0	920461.4595	1034948.679	805974.2404	57787.69616	0.4811%
2018	5	939,204.0	974728.1308	1085008.741	864447.5205	55664.40039	3.6445%
2018	6	1,073,058.0	1051236.529	1166777.971	935695.0878	58319.81741	2.0758%
2018	7	1,151,539.0	1117234.103	1232454.29	1002013.915	58157.66377	3.0705%
2018	8	1,140,166.0	1137409.23	1250129.267	1024689.194	56895.7065	0.2424%

2018	9	1,161,716.0	1163853.901	1279444.125	1048263.676	58344.44061	0.1837%
2018	10	1,136,797.0	1137090.953	1249931.92	1024249.985	56956.74667	0.0259%
2018	11	1,009,466.0	1009645.282	1121568.098	897722.4667	56493.30737	0.0178%
2018	12	911,448.0	911553.9995	1026913.765	796194.2339	58228.11609	0.0116%
2019	1	891,507.3	898758.6915	1018283.458	779233.9252	60330.41008	0.8068%
2019	2	846,165.9	831824.4182	943820.4269	719828.4096	56530.25174	1.7241%
2019	3	910,617.9	934592.1159	1051001.283	818182.9486	58757.80407	2.5652%
2019	4	933,552.4	917772.2497	1035539.039	800005.46	59443.06719	1.7194%
2019	5	1,009,817.1	1026444.825	1142246.307	910643.3426	58451.07355	1.6199%
2019	6	1,137,448.6	1125155.821	1242768.277	1007543.366	59365.1667	1.0925%
2019	7	1,183,264.1	1159113.316	1276412.302	1041814.331	59206.94197	2.0836%
2019	8	1,129,573.9	1140980.707	1255254.609	1026706.806	57680.02351	0.9997%
2019	9	1,174,936.8	1187845.554	1305566.206	1070124.902	59419.77908	1.0867%
2019	10	1,089,812.7	1116271.805	1230697.796	1001845.814	57756.79097	2.3703%
2019	11	1,014,435.5	1004281.914	1117650.241	890913.5875	57222.93265	1.0110%
2019	12	882,147.1	868241.0252	986351.918	750130.1324	59616.75407	1.6016%
2020	1	903,954.1	933705.582	1057453.682	809957.4825	62462.1476	3.1864%
2020	2	850,712.4	830349.22	943442.6894	717255.7506	57084.19769	2.4524%
2020	3	901,431.8	883343.7884	997878.5587	768809.0181	57811.69775	2.0477%
2020	4	911,369.6	922609.9673	1041681.481	803538.4537	60101.62967	1.2183%
2020	5	832,826.9	844134.3759	964732.9551	723535.7967	60872.41971	1.3395%
2020	6	974,519.5	985894.5114	1105125.871	866663.1522	60182.31217	1.1538%
2020	7	1,102,621.8	1114064.773	1228931.278	999198.2679	57979.14158	1.0271%
2020	8	1,084,603.2	1092411.655	1206523.067	978300.2435	57598.00651	0.7148%
2020	9	1,099,166.0	1094877.7	1211752.982	978002.4172	58993.07689	0.3917%
2020	10	1,026,767.6	1026323.704	1141015.159	911632.2476	57890.78519	0.0433%
2020	11	965,114.2	952101.1856	1064045.916	840156.4555	56504.36875	1.3668%
2020	12	866,468.5	860808.9359	977010.4592	744607.4126	58652.99526	0.6575%
2021	1	857,176.5	852852.7536	975840.2945	729865.2126	62078.25383	0.5070%
2021	2	823,936.0	826271.6614	944460.2251	708083.0977	59655.95864	0.2827%
2021	3	859,786.8	871089.2459	991586.5135	750591.9782	60821.28243	1.2975%
2021	4	909,255.9	904297.5566	1025149.897	783445.2159	61000.50638	0.5483%
2021	5	947,806.9	988390.9819	1106119.793	870662.1705	59423.89756	4.1061%
2021	6	1,068,026.2	1053400.116	1176076.286	930723.9464	61921.08854	1.3885%
2021	7	1,113,411.0	1102406.553	1225684.271	979128.834	62224.72175	0.9982%
2021	8		1110136.335	1230195.83	990076.8395	60600.31581	
2021	9		1119050.243	1247260.716	990839.7697	64714.54122	
2021	10		1054365.876	1186535.48	922196.2716	66712.92201	
2021	11		923109.7595	1058723.999	787495.5204	68451.60976	
2021	12		856875.7605	1002534.37	711217.1505	73521.52985	
2022	1		867300.4473	1018722.844	715878.0504	76430.81495	
2022	2		755926.4398	901458.0387	610394.8409	73457.42068	
2022	3		808760.3859	962918.3421	654602.4297	77811.59507	
2022	4		863331.173	1023120.242	703542.1041	80653.91261	
2022	5		964867.3274	1130718.752	799015.9023	83713.90129	
2022	6		1066622.432	1237069.528	896175.336	86033.5771	
2022	7		1126959.233	1301527.45	952391.0166	88113.72263	

2022	8	1170939.903	1351297.124	990582.6818	91035.73645
2022	9	1132105.463	1313247.435	950963.4917	91431.84098
2022	10	1071947.887	1255526.297	888369.4763	92661.63934
2022	11	951403.5104	1138045.107	764761.9137	94207.78986
2022	12	877265.0416	1071199.797	683330.2862	97889.02905
2023	1	870464.9821	1066904.235	674025.7296	99153.17995
2023	2	788939.6185	983277.4992	594601.7378	98092.50752
2023	3	808631.6782	1005788.852	611474.5047	99515.55223
2023	4	877342.3519	1079656.606	675028.0978	102118.6009
2023	5	955806.3209	1160336.686	751275.9558	103237.1883
2023	6	1073603.148	1282739.427	864466.869	105562.0343
2023	7	1134244.917	1346370.005	922119.8293	107070.6426
2023	8	1173873.264	1390122.081	957624.447	109152.1046
2023	9	1138380.735	1355152.279	921609.1904	109415.9527
2023	10	1072692.219	1290851.971	854532.4678	110116.6534
2023	11	954484.1835	1175270.518	733697.8487	111442.4276
2023	12	875658.3446	1101999.625	649317.0647	114246.2994
2024	1	836484.9347	1061436.829	611533.0399	113545.004
2024	2	796817.6055	1023439.695	570195.5161	114388.0386
2024	3	809564.1255	1037871.34	581256.9106	115238.6097
2024	4	868596.0929	1100582.645	636609.5405	117095.7641
2024	5	960941.5602	1195558.503	726324.6174	118423.4599
2024	6	1120655.993	1361674.487	879637.4995	121654.658
2024	7	1138535.494	1378560.925	898510.0628	121153.4072
2024	8	1184871.474	1428631.532	941111.4165	123038.469
2024	9	1152117.118	1396189.247	908044.9885	123195.9878
2024	10	1076121.896	1320470.892	831772.9004	123335.7368
2024	11	962355.1526	1209075.932	715634.3734	124532.9001
2024	12	870655.1513	1121167.529	620142.7737	126446.7184
2025	1	913367.0938	1170137.159	656597.0289	129605.301
2025	2	788229.4812	1038511.387	537947.5756	126330.3872
2025	3	810436.1546	1062425.078	558447.231	127192.0085
2025	4	868941.4704	1123460.173	614422.7674	128468.9207
2025	5	979401.8195	1237262.776	721540.8633	130155.931
2025	6	1091454.549	1351899.003	831010.0949	131459.9576
2025	7	1138136.344	1399682.882	876589.8057	132016.2373
2025	8	1139719.902	1401798.701	877641.1041	132284.8968
2025	9	1202213.403	1470239.107	934187.6999	135286.6114
2025	10	1068765.177	1333529.75	804000.6029	133640.5484
2025	11	957038.4248	1224269.793	689807.0566	134885.6687
2025	12	871655.9446	1142424.209	600887.6803	136670.9254
2026	1	874051.3776	1146545.202	601557.5528	137541.9062
2026	2	783187.1318	1052499.132	513875.1312	135935.8729
2026	3	808498.6329	1079338.896	537658.3703	136707.2667
2026	4	887603.5812	1162007.403	613199.7591	138505.9819
2026	5	962796.5344	1237422.334	688170.7346	138618.0257
2026	6	1090940.392	1369013.017	812867.7677	140357.8187

2026	7	1140376.195	1419458.181	861294.2078	140867.2966
2026	8	1138471.598	1417638.419	859304.776	140910.1173
2026	9	1144504.177	1425839.31	863169.0432	142004.5777
2026	10	1082965.332	1364994.607	800936.0574	142354.9473
2026	11	954523.3999	1237574.272	671472.528	142870.6008
2026	12	874735.1049	1161725.554	587744.6561	144859.1116
2027	1	883300.1338	1172412.666	594187.6019	145930.2381
2027	2	804822.9847	1091668.704	517977.2651	144786.0593
2027	3	839981.0861	1128752.757	551209.4151	145758.1878
2027	4	897166.26	1187027.367	607305.1529	146308.0832
2027	5	962081.4225	1251147.19	673015.6549	145906.6337
2027	6	1093970.34	1386460.644	801480.0368	147635.1765
2027	7	1150085.912	1443925.804	856246.0194	148316.3846
2027	8	1139460.541	1432738.137	846182.9445	148032.5643
2027	9	1148364.027	1443850.756	852877.2979	149147.6293
2027	10	1076263.66	1371885.767	780641.5527	149215.9618
2027	11	932232.3685	1227794.678	636670.0591	149185.7787
2027	12	859767.3697	1159155.899	560378.8403	151117.0723
2028	1	794299.0307	1089708.03	498890.0312	149108.3952
2028	2	824662.1325	1125998.208	523326.0571	152100.1008
2028	3	805687.9854	1104839.536	506536.4351	150997.4566
2028	4	903075.629	1206833.983	599317.2747	153322.7518
2028	5	972464.3281	1275418.851	669509.8051	152917.0161
2028	6	1088064.306	1392799.378	783329.2343	153815.7524
2028	7	1201920.406	1510573.511	893267.3003	155793.3891
2028	8	1145373.718	1450766.738	839980.6985	154147.853
2028	9	1209683.527	1519932.32	899434.7337	156598.8163
2028	10	1078252.826	1385299.762	771205.89	154982.6714
2028	11	938440.621	1245543.292	631337.9496	155010.8038
2028	12	860835.3522	1171406.824	550263.8801	156761.6892
2029	1	873312.545	1185679.558	560945.5323	157667.9926
2029	2	818253.4794	1130063.046	506443.9123	157386.6206
2029	3	844559.5387	1157153.649	531965.4288	157782.6205
2029	4	903723.5936	1217249.187	590197.9998	158252.7892
2029	5	967253.2297	1279336.003	655170.4562	157524.5222
2029	6	1111133.508	1426726.774	795540.2424	159296.4517
2029	7	1158602.841	1474673.037	842532.645	159537.1832
2029	8	1153252.729	1468750.95	837754.5084	159248.4774
2029	9	1169373.835	1487125.37	851622.3008	160385.8429
2029	10	1081738.898	1398609.163	764868.6342	159941.0196
2029	11	945400.5546	1262638.426	628162.6831	160126.5702
2029	12	861606.4976	1181635.5	541577.4954	161535.4001
2030	1	871755.2903	1193321.673	550188.9072	162311.3967
2030	2	786362.8139	1104971.609	467754.0184	160818.5474
2030	3	844936.591	1166652.962	523220.2195	162387.1037
2030	4	915381.0731	1238633.925	592128.2212	163162.6459
2030	5	1000474.182	1323308.912	677639.4522	162951.5979

2030	6	1115653.827	1439919.094	791388.5609	163673.6645
2030	7	1164536.418	1489252.011	839820.8255	163900.9679
2030	8	1159712.275	1483746.04	835678.5106	163556.8135
2030	9	1176664.143	1502921.122	850407.1634	164678.9863
2030	10	1083382.907	1408468.689	758297.1244	164087.8219
2030	11	941537.294	1266620.854	616453.7341	164086.7001
2030	12	860752.8394	1188685.304	532820.3745	165524.6917
2031	1	880652.0215	1210830.528	550473.5153	166658.3863
2031	2	788173.334	1114737.817	461608.8511	164834.1995
2031	3	812878.1638	1139976.527	485779.8002	165103.6771
2031	4	886246.0942	1215266.68	557225.5082	166073.9233
2031	5	985722.0235	1315574.297	655869.7497	166493.7198
2031	6	1116454.795	1448357.552	784552.0386	167528.7058
2031	7	1166910.461	1498906.394	834914.5281	167575.7369
2031	8	1168814.603	1500394.876	837234.3287	167365.9319
2031	9	1236311.74	1572488.863	900134.6178	169686.2023
2031	10	1092813.68	1425091.181	760536.18	167717.8587
2031	11	972859.2832	1306555.21	639163.3563	168433.8128
2031	12	881226.0954	1217368.448	545083.7425	169668.6521
2032	1	885293.9196	1222481.284	548106.5547	170196.1244
2032	2	788462.3046	1121779.482	455145.1274	168242.638
2032	3	816098.4917	1150019.242	482177.7413	168547.293
2032	4	892280.2285	1228225.3	556335.1573	169569.0738
2032	5	987428.7528	1323766.498	651091.0077	169767.2768
2032	6	1114113.497	1452151.332	776075.6617	170625.4014
2032	7	1180977.373	1519768.804	842185.9424	171005.7805
2032	8	1180733.814	1518929.296	842538.3314	170704.9741
2032	9	1185063.614	1524340.303	845786.925	171250.7158
2032	10	1120726.248	1459940.135	781512.361	171219.0162
2032	11	969103.1881	1307500.189	630706.1876	170806.6909
2032	12	873411.7688	1214441.337	532382.2006	172135.4857
2033	1	925155.6857	1271078.5	579232.8708	174605.3636
2033	2	797377.2478	1137035.742	457718.7539	171443.4327
2033	3	819649.4998	1159483.831	479815.1684	171532.1871
2033	4	883612.6771	1224721.667	542503.6876	172175.5738
2033	5	1002295.132	1345176.845	659413.4205	173070.3597
2033	6	1120636.622	1464437.352	776835.8926	173534.236
2033	7	1190984.01	1535482.278	846485.7413	173886.3205
2033	8	1242349.914	1588812.391	895887.4379	174877.759
2033	9	1197408.718	1542355.567	852461.8682	174112.7428
2033	10	1127498.574	1472125.76	782871.3871	173951.3922
2033	11	988113.992	1332938.477	643289.5073	174050.9788
2033	12	903492.1616	1251808.409	555175.9145	175813.4542
2034	1	893957.5075	1242421.485	545493.5296	175888.0217
2034	2	801433.523	1146287.691	456579.3555	174065.9613
2034	3	825461.8799	1170521.197	480402.5627	174169.5111
2034	4	906140.7878	1253334.617	558946.9585	175246.9111

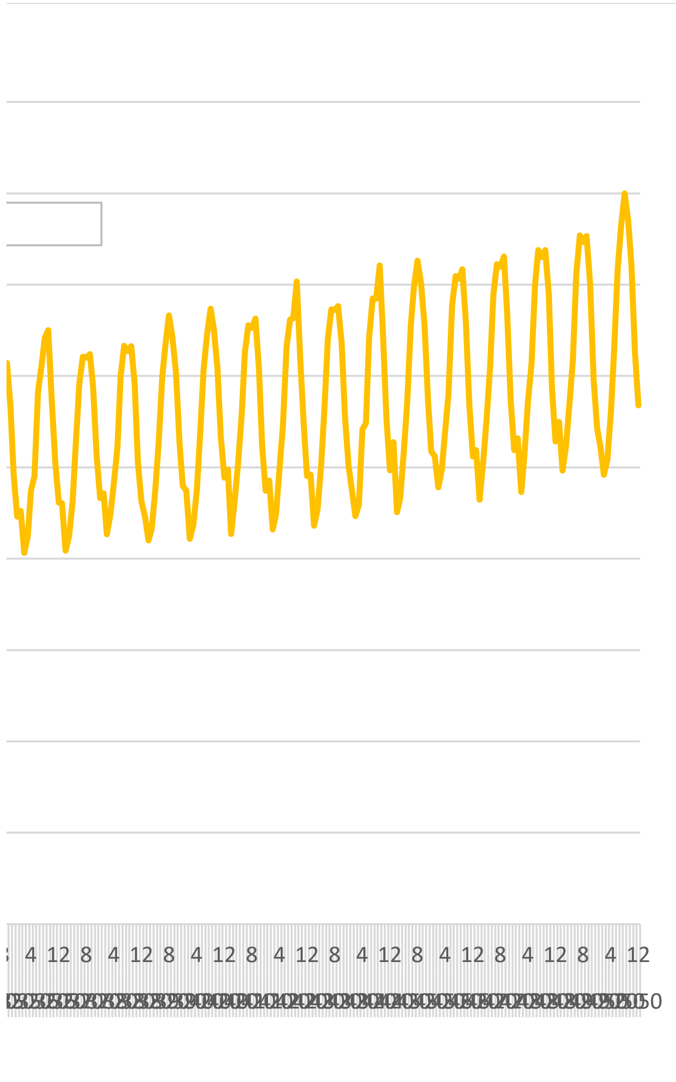
2034	5	997412.316	1344502.283	650322.3487	175194.4866
2034	6	1134317.489	1483298.05	785336.928	176148.7683
2034	7	1204939.346	1554565.932	855312.7604	176474.8507
2034	8	1251216.172	1602486.003	899946.3411	177304.2827
2034	9	1210485.934	1560443.799	860528.0694	176642.0647
2034	10	1134634.686	1484016.408	785252.9647	176351.2549
2034	11	998351.4001	1348249.213	648453.5869	176611.7534
2034	12	907985.0543	1260998.699	554971.4093	178184.477
2035	1	899920.0512	1253082.46	546757.6422	178259.566
2035	2	841366.323	1193389.201	489343.4454	177684.3848
2035	3	871206.8695	1223503.737	518910.0017	177822.6819
2035	4	936534.2227	1289279.167	583789.2787	178048.8495
2035	5	1006563.971	1357281.965	655845.9772	177025.7416
2035	6	1163976.937	1517888.598	810065.2763	178637.7526
2035	7	1216196.524	1570119.133	862273.915	178643.2787
2035	8	1210691.447	1563520.99	857861.9044	178091.551
2035	9	1228389.01	1583115.023	873662.9957	179048.7992
2035	10	1132869.75	1486181.975	779557.5258	178335.1857
2035	11	983962.2004	1337188.337	630736.0638	178291.7326
2035	12	892258.4882	1247985.556	536531.42	179554.0838
2036	1	904657.5429	1261914.327	547400.7583	180326.2118
2036	2	812974.9476	1166569.03	459380.8654	178477.454
2036	3	848553.9965	1202916.054	494191.9388	178865.0915
2036	4	949346.3268	1306988.706	591703.9478	180520.8415
2036	5	981085.1717	1334519.617	627650.726	178396.8771
2036	6	1165256.663	1523195.698	807317.6272	180670.5795
2036	7	1222027.573	1579650.711	864404.4353	180511.1295
2036	8	1282772.404	1642604.443	922940.3654	181626.0775
2036	9	1300238.262	1661838.534	938637.9908	182518.5972
2036	10	1145412.45	1502485.495	788339.4049	180233.4688
2036	11	1009856.313	1367761.517	651951.1092	180653.5029
2036	12	922471.6005	1283517.202	561425.999	182238.6261
2037	1	921053.3574	1282752.192	559354.5225	182568.3472
2037	2	817808.0671	1174956.73	460659.4042	180271.6371
2037	3	849310.187	1206793.566	491826.808	180440.5858
2037	4	924390.22	1283094.365	565686.0751	181056.7703
2037	5	1051272.145	1411580.907	690963.383	181866.7047
2037	6	1183320.327	1544818.31	821822.3441	182466.9667
2037	7	1241972.715	1603402.041	880543.3885	182432.312
2037	8	1240425.129	1600826.165	880024.0933	181913.28
2037	9	1248086.375	1609682.17	886490.5808	182516.3374
2037	10	1176511.409	1537757.811	815265.0074	182339.9805
2037	11	1026193.327	1387452.487	664934.1661	182346.4205
2037	12	932620.9454	1297051.7	568190.1904	183947.2904
2038	1	943017.512	1309147.175	576887.8487	184804.8184
2038	2	853738.3126	1216284.088	491192.5374	182995.8424
2038	3	897075.1022	1260643.251	533506.9536	183511.8878

2038	4	965915.0427	1329624.278	602205.8076	183583.1015
2038	5	1043502.221	1405315.087	681689.3551	182625.9046
2038	6	1199700.21	1564290.185	835110.2343	184027.6573
2038	7	1266451.908	1631548.779	901355.0375	184283.5138
2038	8	1254456.328	1617949.764	890962.8924	183474.1764
2038	9	1265229.851	1630213.265	900246.4365	184226.2464
2038	10	1180417.705	1544591.326	816244.0841	183817.5014
2038	11	1010567.89	1373723.424	647412.3569	183303.6193
2038	12	924720.4296	1291244.412	558196.4474	185003.8518
2039	1	892600.6872	1257276.988	527924.3865	184071.2302
2039	2	839831.7186	1203728.937	475934.5002	183677.9865
2039	3	865314.0873	1229085.069	501543.1059	183614.2681
2039	4	947799.4946	1313412.457	582186.5323	184544.0124
2039	5	1056135.812	1422023.122	690248.5029	184682.4898
2039	6	1198149.107	1565513.49	830784.7243	185428.0461
2039	7	1275828.891	1643700.509	907957.2744	185684.0737
2039	8	1332530.869	1702349.786	962711.9523	186666.978
2039	9	1283130.65	1650953.881	915307.4184	185659.6509
2039	10	1206156.821	1573341.557	838972.0844	185337.369
2039	11	1052571.474	1419708.309	685434.6404	185313.1902
2039	12	959178.1009	1330016.905	588339.2962	187181.7687
2040	1	949543.3628	1320616.339	578470.3863	187299.9675
2040	2	843840.5245	1210093.426	477587.6233	184867.023
2040	3	873556.3407	1239966.271	507146.4106	184946.2838
2040	4	951061.3666	1319103.277	583019.4565	185770.0295
2040	5	1069544.521	1438263.169	700825.8729	186111.6147
2040	6	1212827.34	1582928.89	842725.789	186809.638
2040	7	1291375.752	1661868.927	920882.5761	187007.3116
2040	8	1347348.507	1719699.511	974997.5022	187945.0552
2040	9	1302341.747	1672850.668	931832.8266	187015.259
2040	10	1220528.229	1590144.659	850911.7993	186564.7721
2040	11	1064934.539	1434371.325	695497.7532	186474.0964
2040	12	977473.0726	1351341.034	603605.1107	188710.743
2041	1	994883.9764	1371412.34	618355.613	190053.587
2041	2	854107.6886	1222958.151	485257.2262	186178.1482
2041	3	925728.1828	1297607.232	553849.1333	187706.8348
2041	4	1011080.377	1384122.225	638038.5284	188293.7602
2041	5	1113732.957	1485609.336	741856.5785	187705.4867
2041	6	1251870.767	1624840.586	878900.9484	188257.4032
2041	7	1310833.012	1683715.886	937950.1376	188213.5176
2041	8	1305700.734	1677123.065	934278.4026	187476.3051
2041	9	1326014.095	1699517.725	952510.4652	188526.8455
2041	10	1215021.916	1586471.283	843572.5488	187489.9515
2041	11	1045636.887	1416463.712	674810.0623	187175.722
2041	12	948603.3076	1322318.493	574888.1224	188633.6286
2042	1	971150.916	1347465.35	594836.4823	189945.6055
2042	2	864142.5194	1235327.382	492957.6569	187356.4422

2042	3	895867.7046	1267072.928	524662.4809	187366.7196
2042	4	995963.8353	1369716.914	622210.7566	188652.7554
2042	5	1094007.768	1466671.261	721344.2753	188102.7843
2042	6	1262311.206	1637733.562	886888.8494	189495.3274
2042	7	1323449.901	1698437.706	948462.0971	189275.9862
2042	8	1326281.339	1700202.429	952360.2494	188737.5594
2042	9	1406906.442	1786014.233	1027798.651	191355.5592
2042	10	1235616.177	1609316.954	861915.4	188626.3562
2042	11	1091450.337	1466385.733	716514.941	189249.533
2042	12	980925.8198	1358407.187	603444.4524	190534.6181
2043	1	984506.5194	1363224.938	605788.1006	191159.0227
2043	2	872133.766	1245371.127	498896.405	188392.4457
2043	3	908171.6123	1281609.615	534733.6098	188493.72
2043	4	1003323.838	1378793.729	627853.9479	189519.3203
2043	5	1122429.766	1498012.593	746846.9384	189576.3253
2043	6	1280670.69	1658280.865	903060.5142	190599.6343
2043	7	1346206.112	1723586.265	968825.9595	190483.5297
2043	8	1344833.733	1720868.248	968799.2185	189804.3157
2043	9	1353340.725	1730611.416	976070.0332	190428.2788
2043	10	1273819.487	1650529.986	897108.987	190145.5207
2043	11	1106495.991	1483067.263	729924.7182	190075.2454
2043	12	1001792.035	1381906.923	621677.1483	191863.8934
2044	1	951574.7305	1328868.372	574281.0892	190439.8628
2044	2	893284.1416	1269308.674	517259.6096	189799.2769
2044	3	917561.4663	1293104.639	542018.2937	189556.3096
2044	4	1083307.658	1466481.475	700133.8409	193407.8955
2044	5	1096838.295	1472373.533	721303.0576	189552.3045
2044	6	1284551.682	1663869.317	905234.0474	191461.4785
2044	7	1370019.867	1749823.753	990215.9818	191706.9145
2044	8	1368984.507	1747501.471	990467.5437	191057.3377
2044	9	1441698.911	1824708.434	1058689.387	193324.9681
2044	10	1294042.199	1672767.375	915317.0239	191162.4331
2044	11	1108446.445	1485719.047	731173.8439	190429.2429
2044	12	993691.4135	1374063.305	613319.5216	191993.6171
2045	1	1055461.727	1442240.895	668682.5589	195227.7049
2045	2	901599.7666	1279403.954	523795.5797	190697.562
2045	3	932724.1795	1310358.616	555089.7434	190611.8799
2045	4	1031595.398	1411612.12	651578.676	191814.3444
2045	5	1143271.046	1522770.155	763771.9367	191553.078
2045	6	1309787.792	1691402.189	928173.3948	192620.7746
2045	7	1395945.901	1778049.037	1013842.765	192867.4667
2045	8	1452186.756	1836086.582	1068286.931	193774.35
2045	9	1403245.87	1785063.643	1021428.096	192723.4294
2045	10	1311382.76	1692080.858	930684.6614	192158.2707
2045	11	1145660.713	1526676.031	764645.3955	192318.3878
2045	12	1035054.041	1419825.909	650282.1719	194214.5159
2046	1	1024564.335	1409700.046	639428.6239	194398.1661

2046	2	956530.6047	1339746.84	573314.3692	193429.3064
2046	3	995042.1108	1378225.074	611859.1477	193412.512
2046	4	1075914.403	1459328.391	692500.4148	193529.1223
2046	5	1162555.232	1542942.275	782168.1889	192001.2649
2046	6	1354444.966	1738763.579	970126.3538	193985.7337
2046	7	1418583.621	1802603.595	1034563.647	193834.9954
2046	8	1412431.914	1794681.753	1030182.075	192941.5153
2046	9	1433846.087	1818307.785	1049384.389	194057.9566
2046	10	1317748.748	1700009.173	935488.3239	192946.8584
2046	11	1136006.757	1517836.241	754177.272	192729.3406
2046	12	1023338.648	1408209.006	638468.2911	194264.2283
2047	1	1037541.551	1424682.895	650400.2078	195410.514
2047	2	929315.1845	1311154.459	547475.9095	192734.2823
2047	3	1010457.402	1395804.757	625110.0478	194504.9937
2047	4	1106875.731	1493507.597	720243.8649	195153.3541
2047	5	1222697.262	1607840.726	837553.7976	194402.0796
2047	6	1378058.817	1764428.767	991688.8657	195021.1517
2047	7	1444510.341	1830691.035	1058329.647	194925.6238
2047	8	1439048.068	1823390.765	1054705.372	193997.8902
2047	9	1461745.637	1848496.606	1074994.668	195213.4713
2047	10	1337296.533	1721493.077	953099.9882	193924.1197
2047	11	1146949.843	1530307.273	763592.4119	193500.575
2047	12	1037434.34	1424176.258	650692.4231	195208.9027
2048	1	1063959.948	1454189.653	673730.2435	196969.3716
2048	2	945583.3358	1329486.523	561680.1488	193776.0467
2048	3	1027574.477	1415101.912	640047.0408	195605.395
2048	4	1143920.848	1534132.276	753709.4209	196960.1462
2048	5	1225288.688	1611362.559	839214.818	194871.7044
2048	6	1398248.59	1786649.588	1009847.591	196046.3278
2048	7	1475839.146	1864456.132	1087222.16	196155.3482
2048	8	1460135.823	1846293.038	1073978.608	194913.7728
2048	9	1475593.991	1863680.716	1087507.265	195887.6977
2048	10	1379594.84	1766681.313	992508.3671	195382.818
2048	11	1172205.659	1557594.608	786816.7101	194525.9887
2048	12	1056795.972	1445682.213	667909.7314	196291.2551
2049	1	1099105.231	1492953.867	705256.5944	198796.036
2049	2	993098.2344	1381697.003	604499.4657	196146.1528
2049	3	1048356.902	1438090.912	658622.8916	196719.1687
2049	4	1134698.975	1524379.781	745018.169	196692.3138
2049	5	1231753.922	1618601.075	844906.7687	195262.0206
2049	6	1424690.158	1815176.774	1034203.541	197099.0484
2049	7	1507520.308	1898508.691	1116531.925	197352.3162
2049	8	1493409.144	1881977.537	1104840.75	196130.8208
2049	9	1506610.765	1897034.2	1116187.33	197067.1576
2049	10	1402093.212	1791184.801	1013001.623	196394.905
2049	11	1192303.374	1579772.214	804834.5336	195575.8188
2049	12	1085088.797	1477033.119	693144.4745	197834.8289

2050	1	1046170.287	1435950.543	656390.0314	196742.5112
2050	2	983870.782	1372294.262	595447.3019	196057.6755
2050	3	1017456.173	1405456.562	629455.7834	195844.1195
2050	4	1120787.434	1511140.828	730434.0391	197031.8044
2050	5	1256000.386	1646547.804	865452.9673	197129.7383
2050	6	1432615.585	1825058.078	1040173.092	198086.2818
2050	7	1529453.868	1922435.62	1136472.117	198358.4737
2050	8	1599778.707	1995309.052	1204248.363	199644.8819
2050	9	1539109.847	1931670.279	1146549.414	198145.8118
2050	10	1443760.246	1835242.333	1052278.16	197601.5143
2050	11	1252857.593	1644086.406	861628.7799	197473.6741
2050	12	1135715.22	1531962.327	739468.1133	200006.6697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Year	Month	IWO_B	Days_B	CDD_B_70	IProdEmpM_L1	Jan	Jul	Oct	Nov	Dec	12-Aug	16-May	16-Nov	16-Dec	17-Jan	17-Feb	18-Mar	18-Apr	19-Jan	19-Jul	20-Jun	20-Dec	21-Apr	Yr2021Plus	XMissing	YMissing
2010	12	168,625	31.35	14.23	76.46	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	1	163,196	32.05	0.87	76.65	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	169,364	29.75	0.00	76.93	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	160,841	29.40	5.40	77.09	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	176,161	29.40	44.65	77.07	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	189,435	30.80	174.47	76.99	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	198,426	30.55	268.38	77.12	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	178,927	30.55	356.82	77.58	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	203,783	31.30	393.88	78.18	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	184,420	30.25	358.96	78.60	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	175,833	29.95	249.03	78.65	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	173,937	29.95	62.16	78.47	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	160,390	31.55	21.87	78.33	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	162,908	32.10	0.64	78.43	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	164,617	29.60	1.12	78.78	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	171,762	29.40	27.81	79.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	176,736	30.25	80.55	79.87	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	186,707	29.95	124.14	80.42	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	181,402	30.60	261.15	80.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	178,243	30.55	310.31	80.78	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	184,168	31.25	362.05	80.64	0.00	0.00	0.00	0.00	0.00	1.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	185,119	30.30	324.54	80.54	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	173,503	29.90	264.41	80.62	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	176,958	29.85	108.05	80.84	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	165,411	31.75	2.87	81.09	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	158,748	31.90	4.99	81.30	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	165,169	29.70	7.50	81.51	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	165,543	29.40	12.95	81.79	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	173,410	30.65	36.77	82.17	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	187,280	30.95	118.99	82.56	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	189,795	30.80	234.37	82.82	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	184,293	30.40	314.59	82.88	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	186,916	29.80	330.65	82.88	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	190,598	30.45	352.13	83.06	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	172,340	29.75	272.42	83.55	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	193,595	30.05	129.84	84.21	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	169,794	31.05	44.64	84.82	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	173,216	32.40	20.70	85.22	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	179,502	31.10	6.35	85.46	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	172,232	29.40	5.30	85.65	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	180,583	29.70	28.66	85.89	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	189,187	30.50	130.87	86.12	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	199,454	30.80	259.68	86.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	194,638	30.40	340.30	86.32	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	203,146	29.80	363.14	86.38	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	201,016	31.95	384.68	86.62	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	10	186,794	29.65	224.53	87.15	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	11	192,608	30.25	73.62	87.82	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	163,203	31.25	15.53	88.41	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	163,098	32.15	13.45	88.78	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	171,057	29.55	1.87	88.93	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	174,143	29.40	31.87	88.95	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	187,200	29.80	111.39	88.91	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	186,762	30.45	202.37	88.93	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	198,101	30.75	299.74	89.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	199,421	30.45	367.58	89.56	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	205,094	29.75	342.12	90.08	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	200,105	30.20	345.16	90.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	187,526	30.00	256.55	90.51	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	196,061	30.00	169.67	90.40	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	180,190	31.40	77.11	90.31	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	168,325	30.55	56.89	90.41	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	178,069	29.85	6.75	90.64	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	166,095	29.40	12.79	90.89	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	187,354	31.90	58.66	91.09	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	197,763	29.70	117.84	91.29	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	199,240	30.55	268.08	91.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	184,522	30.55	381.84	92.01	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	207,022	29.90	382.58	92.46	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	204,806	31.65	385.55	92.80	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	190,651	29.95	304.98	92.90	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	205,938	29.40	127.31	92.82	0.00	0.00	0.00	1.00	0.00	0.00	0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	187,858	30.60	23.62	92.66	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	144,273	33.50	27.27	92.52	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	190,420	29.70	8.40	92.58	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	171,826	29.40	9.49	92.99	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	189,217	29.90	60.33	93.81	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	187,096	30.30	150.03	94.72	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	199,769	30.60	237.42	95.19	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	199,946	30.60	320.75	94.93	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	198,636	31.20	379.38	94.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	197,803	30.30	359.93	94.11	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	183,222	29.90	313.78	94.60	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	11	191,289	30.10	145.83	95.51	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	179,499	31.50	15.87	96.32	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	164,310	31.95	3.04	96.65	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	182,184	31.05	11.09	96.72	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	197,979	30.80	51.62	96.90	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	170,863	30.75	40.36	97.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	176,266	29.45	135.05	98.23	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	191,468	30.80	254.59	99.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	192,493	30.50	330.61	99.56	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	194,349	29.70	336.15	99.88	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	197,739	30.50	346.71	100.02	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	193,386	29.70	338.45	100.03	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	198,461	29.60	162.15	100.03	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	177,579	30.70	40.02	100.13	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	153,028	31.85	13.40	100.38	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	170,454	29.65	6.27	100.61	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	183,137	30.80	42.36	100.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	196,964	31.15	44.82	100.23	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	188,505	30.50	161.99	99.77	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	205,967	30.75	319.53	99.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	178,662	30.50	358.85	99.91	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2019	8	198,280	29.70	325.49	100.41	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	201,662	30.55	385.03	100.60	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	191,789	29.65	327.30	100.25	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	195,177	29.40	215.55	99.90	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	176,537	30.60	22.29	100.29	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	165,733	32.15	29.80	101.64	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	173,556	29.65	28.15	102.30	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	3	187,273	30.80	55.42	100.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	199,974	31.65	167.02	94.29	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	5	181,979	30.05	169.06	87.51	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	6	171,927	30.70	285.58	83.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2020	7	192,695	30.60	397.39	84.65	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	189,512	29.60	380.49	88.92	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	194,019	30.25	367.94	93.37	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	184,040	29.95	277.82	95.47	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	192,278	29.40	200.09	95.73	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	187,207	30.60	46.24	95.53	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2021	1	176,655	32.60	6.31	95.91	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	2	196,719	30.60	7.94	96.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	3	193,141	30.80	32.58	97.53	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	4	209,951	30.65	70.91	97.97	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	0
2021	5	193,714	29.55	175.54	98.24	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	6	206,701	30.65	282.45	98.64	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	7	207,038	30.65	329.63	99.38	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	8		29.70	357.63	100.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	9		30.30	346.91	101.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	10		29.90	264.11	102.18	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	11		29.40	106.15	102.87	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	12		30.90	18.66	103.53	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	1		31.95	8.38	104.20	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	2		28.15	2.56	104.85	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	3		29.40	11.20	105.37	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	4		29.75	38.53	105.73	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	5		30.45	122.90	105.97	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	6		30.55	252.94	106.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	7		30.55	336.62	106.26	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2022	8	31.30	372.64	106.37	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	9	30.25	350.35	106.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	10	29.95	274.39	106.51	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	11	29.95	118.54	106.55	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	12	31.55	21.67	106.59	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	1	32.00	8.58	106.64	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	2	29.70	2.96	106.70	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	3	29.40	11.26	106.77	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	4	30.25	40.62	106.86	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	5	29.95	122.91	106.95	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	6	30.60	255.19	107.01	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	7	30.60	337.95	107.05	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	8	31.20	371.90	107.07	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	9	30.30	350.42	107.10	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	10	29.90	271.92	107.15	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	11	30.10	116.55	107.21	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	12	31.50	21.08	107.28	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	1	30.30	8.14	107.34	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	2	29.90	3.06	107.39	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	3	29.40	10.64	107.42	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	4	30.00	35.98	107.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	5	30.20	116.25	107.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	6	32.05	261.60	107.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	7	30.50	335.95	107.44	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	8	31.25	373.09	107.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	9	30.45	352.75	107.47	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	10	29.75	272.05	107.47	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	11	30.10	119.62	107.47	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	12	31.00	22.27	107.45	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	1	33.85	8.51	107.42	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	2	29.65	3.05	107.37	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	3	29.40	11.40	107.32	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	4	29.70	41.50	107.25	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	5	30.50	129.40	107.19	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	6	30.80	261.66	107.12	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	7	30.40	336.53	107.05	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	8	29.80	357.70	106.98	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	9	31.95	367.84	106.92	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	10	29.65	264.07	106.87	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	11	30.25	110.26	106.83	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	12	31.25	19.95	106.78	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	1	32.15	7.98	106.72	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	2	29.55	3.14	106.66	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	3	29.40	11.42	106.60	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	4	30.45	43.70	106.54	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	5	29.80	130.44	106.49	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	6	30.75	262.47	106.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2026	7	30.45	337.19	106.40	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	8	29.75	357.23	106.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	9	30.20	348.24	106.33	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	10	30.00	272.30	106.30	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	11	30.00	115.61	106.27	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	12	31.40	21.09	106.25	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	1	32.60	8.30	106.23	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	2	30.60	3.38	106.21	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	3	30.80	12.15	106.20	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	4	30.65	48.12	106.19	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	5	29.55	136.52	106.18	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	6	30.65	268.29	106.16	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	7	30.65	341.02	106.13	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	8	29.70	357.63	106.10	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	9	30.30	346.91	106.08	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	10	29.90	264.11	106.08	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	11	29.40	106.15	106.08	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	12	30.90	18.66	106.10	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	1	28.70	7.72	106.11	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	2	31.40	3.23	106.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	3	29.40	10.93	106.15	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	4	31.30	40.14	106.17	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	5	30.30	123.92	106.20	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	6	30.60	255.19	106.22	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	7	32.05	354.09	106.25	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	8	29.75	355.77	106.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	9	31.85	366.92	106.31	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	10	29.75	264.75	106.34	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	11	29.40	108.99	106.36	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	12	30.80	19.32	106.38	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	1	31.95	8.48	106.41	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	2	31.05	3.39	106.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	3	30.80	12.53	106.47	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	4	30.75	46.76	106.49	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	5	29.45	135.55	106.51	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	6	30.80	269.75	106.52	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	7	30.50	339.36	106.55	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	8	29.70	358.01	106.58	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	9	30.50	349.37	106.61	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	10	29.70	262.45	106.63	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	11	29.60	106.79	106.66	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	12	30.70	19.07	106.68	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	1	31.85	8.24	106.70	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	2	29.65	2.95	106.72	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	3	30.80	12.08	106.74	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	4	31.15	46.68	106.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	5	30.50	139.77	106.77	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2030	6	30.75	270.56	106.79	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	7	30.50	339.45	106.82	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	8	29.70	358.86	106.84	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	9	30.55	349.36	106.87	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	10	29.65	260.11	106.90	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	11	29.40	104.57	106.93	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	12	30.60	18.84	106.96	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	1	32.15	8.03	107.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	2	29.65	3.05	107.03	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	3	29.40	11.40	107.06	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	4	30.05	42.48	107.08	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	5	30.15	128.42	107.11	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	6	30.80	261.66	107.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	7	30.40	336.53	107.16	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	8	29.80	357.70	107.19	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	9	31.95	367.84	107.21	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	10	29.65	264.07	107.23	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	11	30.25	110.26	107.23	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	12	31.25	19.95	107.24	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	1	32.15	7.98	107.25	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	2	29.55	3.14	107.27	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	3	29.40	11.11	107.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	4	30.15	41.55	107.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	5	30.05	126.15	107.29	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	6	30.55	256.51	107.29	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	7	30.55	337.20	107.31	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	8	29.90	357.21	107.32	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	9	30.20	349.98	107.35	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	10	30.00	276.32	107.37	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	11	29.40	120.94	107.40	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	12	30.55	21.87	107.42	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	1	33.50	8.98	107.45	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	2	29.75	2.89	107.48	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	3	29.40	11.20	107.50	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	4	29.75	38.53	107.52	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	5	30.45	122.90	107.54	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	6	30.55	252.94	107.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	7	30.55	336.62	107.59	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	8	31.30	372.64	107.61	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	9	30.25	350.35	107.63	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	10	29.95	274.39	107.65	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	11	29.95	118.54	107.67	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	12	31.55	21.67	107.69	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	1	32.00	8.58	107.71	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	2	29.70	2.96	107.73	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	3	29.40	11.26	107.74	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	4	30.25	40.62	107.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2034	5	29.95	122.91	107.76	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	6	30.60	255.19	107.76	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	7	30.60	337.95	107.76	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	8	31.20	371.90	107.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	9	30.30	350.42	107.76	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	10	29.90	271.92	107.77	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	11	30.10	116.55	107.78	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	12	31.50	21.08	107.79	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	1	31.95	8.48	107.80	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	2	31.05	3.39	107.81	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	3	30.80	12.53	107.81	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	4	30.75	46.76	107.82	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	5	29.45	135.55	107.83	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	6	30.80	269.75	107.84	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	7	30.50	339.36	107.85	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	8	29.70	358.01	107.87	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	9	30.50	349.37	107.88	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	10	29.70	262.45	107.90	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	11	29.60	106.79	107.91	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	12	30.70	19.07	107.92	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	1	31.85	8.24	107.93	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	2	29.65	2.95	107.93	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	3	29.70	11.34	107.94	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	4	31.15	42.79	107.95	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	5	28.75	119.65	107.97	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	6	30.80	255.99	107.98	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	7	30.35	334.84	107.99	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	8	31.25	373.83	108.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	9	31.95	367.84	108.01	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	10	29.65	264.07	108.01	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	11	30.05	109.99	108.01	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	12	31.45	20.22	108.01	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	1	32.15	7.98	108.01	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	2	29.55	3.14	108.02	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	3	29.40	11.42	108.02	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	4	29.80	42.66	108.03	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	5	30.45	131.47	108.03	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	6	30.75	262.47	108.04	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	7	30.45	337.19	108.05	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	8	29.75	357.23	108.05	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	9	30.20	348.24	108.06	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	10	30.00	272.30	108.07	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	11	30.00	115.61	108.08	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	12	31.40	21.09	108.09	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	1	32.60	8.30	108.09	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	2	30.60	3.38	108.10	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	3	30.80	12.15	108.11	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2038	4	30.65	48.12	108.12	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	5	29.55	136.52	108.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	6	30.65	268.29	108.14	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	7	30.65	341.02	108.14	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	8	29.70	357.63	108.15	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	9	30.30	346.91	108.15	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	10	29.90	264.11	108.16	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	11	29.40	106.15	108.18	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	12	30.90	18.66	108.19	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	1	30.35	8.06	108.20	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	2	29.75	2.89	108.22	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	3	29.40	11.20	108.23	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	4	30.10	39.60	108.24	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	5	30.10	121.83	108.26	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	6	30.55	252.94	108.28	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	7	30.55	336.62	108.29	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	8	31.30	372.64	108.31	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	9	30.25	350.35	108.33	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	10	29.95	274.39	108.35	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	11	29.95	118.54	108.36	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	12	31.55	21.67	108.38	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	1	32.10	8.58	108.39	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	2	29.60	2.96	108.40	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	3	29.40	10.92	108.41	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	4	30.00	37.69	108.42	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	5	30.20	120.06	108.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	6	30.60	251.22	108.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	7	30.55	336.10	108.46	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	8	31.25	371.92	108.48	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	9	30.30	351.94	108.50	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	10	29.90	275.53	108.52	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	11	29.85	121.51	108.53	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	12	31.75	22.83	108.54	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	1	33.35	8.72	108.55	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	2	29.65	2.95	108.56	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	3	30.80	12.08	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	4	31.15	46.68	108.58	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	5	30.50	139.77	108.58	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	6	30.75	270.56	108.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	7	30.50	339.45	108.59	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	8	29.70	358.86	108.60	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	9	30.55	349.36	108.59	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	10	29.65	260.11	108.59	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	11	29.40	104.57	108.58	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	12	30.60	18.84	108.57	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	1	32.15	8.03	108.57	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	2	29.65	3.05	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2042	3	29.40	11.40	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	4	30.40	42.90	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	5	29.80	127.99	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	6	30.80	261.66	108.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	7	30.40	336.53	108.56	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	8	29.80	357.70	108.55	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	9	31.95	367.84	108.53	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	10	29.65	264.07	108.53	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	11	30.25	110.26	108.52	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	12	31.25	19.95	108.52	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	1	32.15	7.98	108.52	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	2	29.55	3.14	108.51	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	3	29.40	11.42	108.50	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	4	30.15	43.30	108.49	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	5	30.10	130.83	108.47	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	6	30.75	262.47	108.46	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	7	30.45	337.19	108.46	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	8	29.75	357.23	108.46	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	9	30.20	348.24	108.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	10	30.00	272.30	108.44	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	11	30.00	115.61	108.43	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	12	31.40	21.09	108.42	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	1	30.55	7.94	108.42	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	2	29.85	2.91	108.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	3	29.40	10.89	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	4	32.45	41.97	108.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	5	29.15	119.98	108.45	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	6	30.55	252.94	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	7	30.55	336.62	108.44	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	8	29.90	355.23	108.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	9	31.65	367.75	108.43	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	10	29.95	274.39	108.43	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	11	29.40	118.35	108.43	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	12	30.60	21.40	108.44	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	1	33.50	9.04	108.44	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	2	29.70	2.96	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	3	29.40	11.26	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	4	30.25	40.62	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	5	29.95	122.91	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	6	30.60	255.19	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	7	30.60	337.95	108.44	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	8	31.20	371.90	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	9	30.30	350.42	108.44	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	10	29.90	271.92	108.43	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	11	30.10	116.55	108.41	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	12	31.50	21.08	108.40	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	1	31.95	8.48	108.40	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2046	2	31.05	3.39	108.40	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	3	30.80	12.53	108.40	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	4	30.75	46.76	108.40	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	5	29.45	135.55	108.39	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	6	30.80	269.75	108.38	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	7	30.50	339.36	108.37	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	8	29.70	358.01	108.37	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	9	30.50	349.37	108.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	10	29.70	262.45	108.35	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	11	29.60	106.79	108.35	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	12	30.70	19.07	108.34	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	1	31.85	8.24	108.35	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	2	29.65	2.95	108.35	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	3	30.80	12.08	108.34	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	4	31.15	46.68	108.33	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	5	30.50	139.77	108.31	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	6	30.75	270.56	108.29	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	7	30.50	339.45	108.28	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	8	29.70	358.86	108.27	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	9	30.55	349.36	108.26	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	10	29.65	260.11	108.25	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	11	29.40	104.57	108.24	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	12	30.60	18.84	108.23	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	1	32.15	8.03	108.22	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	2	29.65	3.05	108.21	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	3	30.80	11.71	108.20	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	4	31.65	47.43	108.19	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	5	30.05	136.36	108.18	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	6	30.70	267.35	108.16	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	7	30.60	340.18	108.15	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	8	29.60	356.73	108.13	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	9	30.25	346.73	108.10	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	10	29.95	266.43	108.08	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	11	29.40	107.78	108.06	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	12	30.60	19.28	108.04	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	1	32.60	8.30	108.03	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	2	30.60	3.38	108.02	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	3	30.80	12.15	108.01	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	4	30.65	48.12	107.99	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	5	29.55	136.52	107.98	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	6	30.65	268.29	107.96	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	7	30.65	341.02	107.95	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	8	29.70	357.63	107.93	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	9	30.30	346.91	107.92	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	10	29.90	264.11	107.90	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	11	29.40	106.15	107.88	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	12	30.90	18.66	107.87	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2050	1	30.35	8.06	107.86	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	2	29.75	2.89	107.84	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	3	29.40	11.20	107.82	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	4	30.10	39.60	107.80	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	5	30.10	121.83	107.78	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	6	30.55	252.94	107.75	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	7	30.55	336.62	107.73	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	8	31.30	372.64	107.72	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	9	30.25	350.35	107.70	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	10	29.95	274.39	107.68	0.00	0.00	1.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	11	29.95	118.54	107.67	0.00	0.00	0.00	1.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	12	31.55	21.67	107.65	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
IWO_B	128	184,567.8	13,457.3	144,272.9	209,950.5	-0.341	2.498	3.8	1.48E-01	1.000		
Days_B	128	30.5	0.8	29.4	33.5	0.882	3.686	19.1	7.13E-05	-0.219		
CDD_B_70	128	167.9	140.9	0.0	397.4	0.230	1.441	14.1	8.70E-04	0.628		
IProdEmpM_L1	128	89.9	7.7	76.5	102.3	-0.154	1.765	8.6	1.33E-02	0.341		FL Ind Prod & Manuf Empl Interaction - Lag 1
Jan	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.492		
Jul	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	0.126		
Oct	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	-0.014		
Nov	128	0.1	0.3	0.0	1.0	3.144	10.885	542.4	0.00E+00	0.153		
Dec	128	0.1	0.3	0.0	1.0	2.955	9.730	427.8	0.00E+00	-0.237		
44420	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.003		
44332	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.087		
44516	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.141		
44546	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.022		
44213	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.267		
44244	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.039		
44273	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.089		
44304	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.091		
44215	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.209		
44396	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.039		
44367	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.084		
44550	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.017		
44307	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.168		
Yr2021Plus	128	0.1	0.2	0.0	1.0	3.917	16.344	1276.9	0.00E+00	0.236		

	IWO_B	Days_B	CDD_B_70	IProdEmpM_L1	Jan	Jul	Oct	Nov	Dec	12-Aug	16-May	16-Nov	16-Dec	17-Jan	17-Feb	18-Mar	18-Apr	19-Jan	19-Jul	20-Jun	20-Dec	21-Apr	Yr2021Plus
IWO_B	1.000	-0.219	0.628	0.341	-0.492	0.126	-0.014	0.153	-0.237	-0.003	0.087	0.141	0.022	-0.267	0.039	0.089	-0.091	-0.209	-0.039	-0.084	0.017	0.168	0.236
Days_B	-0.219	1.000	-0.152	0.001	0.616	0.018	-0.227	-0.242	0.244	0.085	-0.085	-0.117	0.014	0.330	-0.085	0.035	0.030	0.150	0.003	0.025	0.014	0.019	0.092
CDD_B_70	0.628	-0.152	1.000	0.053	-0.332	0.390	0.239	-0.059	-0.302	0.123	-0.032	-0.026	-0.091	-0.089	-0.101	-0.074	-0.081	-0.098	0.121	0.074	-0.077	-0.061	-0.066
IProdEmpM_L1	0.341	0.001	0.053	1.000	-0.003	-0.004	0.019	0.027	-0.016	-0.107	0.016	0.034	0.032	0.031	0.031	0.082	0.088	0.122	0.116	-0.073	0.066	0.094	0.248
Jan	-0.492	0.616	-0.332	-0.003	1.000	-0.094	-0.089	-0.089	-0.094	-0.027	-0.027	-0.027	-0.027	0.289	-0.027	-0.027	-0.027	0.289	-0.027	-0.027	-0.027	-0.027	0.049
Jul	0.126	0.018	0.390	-0.004	-0.094	1.000	-0.089	-0.089	-0.094	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	0.289	-0.027	-0.027	-0.027	0.049
Oct	-0.014	-0.227	0.239	0.019	-0.089	-0.089	1.000	-0.085	-0.089	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.070
Nov	0.153	-0.242	-0.059	0.027	-0.089	-0.089	-0.085	1.000	-0.089	-0.026	-0.026	0.305	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.026	-0.070
Dec	-0.237	0.244	-0.302	-0.016	-0.094	-0.094	-0.089	-0.089	1.000	-0.027	-0.027	-0.027	0.289	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	0.289	-0.027	-0.074
44420	-0.003	0.085	0.123	-0.107	-0.027	-0.027	-0.026	-0.026	-0.027	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44332	0.087	-0.085	-0.032	0.016	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44516	0.141	-0.117	-0.026	0.034	-0.027	-0.027	-0.026	0.305	-0.027	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44546	0.022	0.014	-0.091	0.032	-0.027	-0.027	-0.026	-0.026	0.289	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44213	-0.267	0.330	-0.089	0.031	0.289	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44244	0.039	-0.085	-0.101	0.031	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44273	0.089	0.035	-0.074	0.082	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44304	-0.091	0.030	-0.081	0.088	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.021
44215	-0.209	0.150	-0.098	0.122	0.289	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.021
44396	-0.039	0.003	0.121	0.116	-0.027	0.289	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.021
44367	-0.084	0.025	0.074	-0.073	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.021
44550	0.017	0.014	-0.077	0.066	-0.027	-0.027	-0.026	-0.026	0.289	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.021
44307	0.168	0.019	-0.061	0.094	-0.027	-0.027	-0.026	-0.026	-0.027	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	0.369
Yr2021Plus	0.236	0.092	-0.066	0.248	0.049	0.049	-0.070	-0.070	-0.074	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	0.369	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
Weather_MonthlyStats_B_Filled.Days_B	4557.908	196.722	23.169	0.00%		
Weather_MonthlyStats_B_Filled.CDD_B_70	58.633	4.575	12.817	0.00%		
Econ_TForms_Data.IProdEmpM_L1	429.193	66.713	6.433	0.00%		FL Ind Prod & Manuf Empl Interaction - Lag 1
mCALENDAR.Jan	-19398.456	2116.699	-9.164	0.00%		
mCALENDAR.Jul	-7190.350	1998.472	-3.598	0.05%		
mCALENDAR.Oct	-7475.914	1899.540	-3.936	0.02%		
mCALENDAR.Nov	6992.836	1936.187	3.612	0.05%		
mCALENDAR.Dec	-10761.467	2065.714	-5.210	0.00%		
MBin.Aug12	-14106.447	5573.365	-2.531	1.28%		
MBin.May16	16300.724	5462.790	2.984	0.35%		
MBin.Nov16	17639.084	5707.500	3.091	0.26%		
MBin.Dec16	17992.661	5715.851	3.148	0.21%		
MBin.Jan17	-30327.420	5707.707	-5.313	0.00%		
MBin.Feb17	14824.172	5518.348	2.686	0.84%		
MBin.Mar18	12978.757	5505.255	2.358	2.02%		
MBin.Apr18	-13477.724	5515.370	-2.444	1.62%		
MBin.Jan19	-16609.470	5777.010	-2.875	0.49%		
MBin.Jul19	-17084.316	5733.877	-2.980	0.36%		
MBin.Jun20	-20622.908	5493.427	-3.754	0.03%		
MBin.Dec20	14782.833	5732.481	2.579	1.13%		
MBin.Apr21	14477.235	5869.287	2.467	1.52%		
MBin.Yr2021Plus	9567.571	2379.118	4.021	0.01%		

Model Statistics	
Iterations	1
Adjusted Observations	128
Deg. of Freedom for Error	106
R-Squared	0.865
Adjusted R-Squared	0.838
AIC	17.35
BIC	17.84
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-1,269.82
Model Sum of Squares	19,898,468,168.35
Sum of Squared Errors	3,101,073,885.09
Mean Squared Error	29,255,414.01
Std. Error of Regression	5,408.83
Mean Abs. Dev. (MAD)	4,015.20
Mean Abs. % Err. (MAPE)	2.18%
Durbin-Watson Statistic	1.783
Durbin-H Statistic	#NA
Ljung-Box Statistic	19.51
Prob (Ljung-Box)	0.7242
Skewness	0.153
Kurtosis	2.167
Jarque-Bera	4.205
Prob (Jarque-Bera)	0.1222

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

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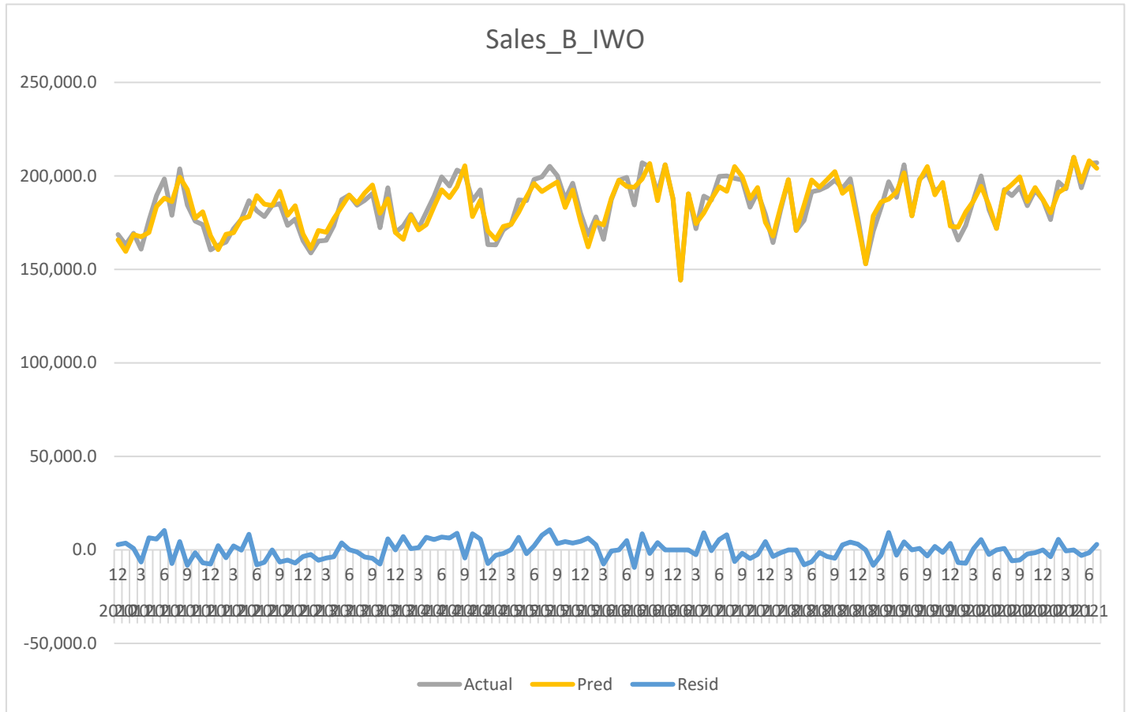
Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	168,625.0	165,779.7	2,845.3	1.69%	0.526
2011	1	163,196.0	159,632.4	3,563.6	2.18%	0.659
2011	2	169,364.0	168,615.0	749.0	0.44%	0.138
2011	3	160,841.0	167,407.4	-6,566.4	-4.08%	-1.214
2011	4	176,161.0	169,696.5	6,464.5	3.67%	1.195
2011	5	189,435.0	183,658.4	5,776.6	3.05%	1.068
2011	6	198,426.0	188,079.5	10,346.5	5.21%	1.913
2011	7	178,927.0	186,271.8	-7,344.8	-4.10%	-1.358
2011	8	203,783.0	199,310.1	4,472.9	2.19%	0.827
2011	9	184,420.0	192,659.6	-8,239.6	-4.47%	-1.523
2011	10	175,833.0	177,389.4	-1,556.4	-0.89%	-0.288
2011	11	173,937.0	180,824.4	-6,887.4	-3.96%	-1.273
2011	12	160,390.0	167,941.2	-7,551.2	-4.71%	-1.396
2012	1	162,908.0	160,609.7	2,298.3	1.41%	0.425
2012	2	164,617.0	168,789.5	-4,172.5	-2.53%	-0.771
2012	3	171,762.0	169,659.5	2,102.5	1.22%	0.389
2012	4	176,736.0	176,879.3	-143.3	-0.08%	-0.026
2012	5	186,707.0	178,302.9	8,404.1	4.50%	1.554
2012	6	181,402.0	189,441.2	-8,039.2	-4.43%	-1.486
2012	7	178,243.0	184,918.8	-6,675.8	-3.75%	-1.234
2012	8	184,168.0	184,168.0	-0.0	-0.00%	-0.000
2012	9	185,119.0	191,701.4	-6,582.4	-3.56%	-1.217
2012	10	173,503.0	178,911.0	-5,408.0	-3.12%	-1.000
2012	11	176,958.0	184,076.9	-7,118.9	-4.02%	-1.316
2012	12	165,411.0	168,922.1	-3,511.1	-2.12%	-0.649
2013	1	158,748.0	161,183.4	-2,435.4	-1.53%	-0.450
2013	2	165,169.0	170,794.8	-5,625.8	-3.41%	-1.040
2013	3	165,543.0	169,865.3	-4,322.3	-2.61%	-0.799
2013	4	173,410.0	177,121.2	-3,711.2	-2.14%	-0.686
2013	5	187,280.0	183,479.5	3,800.5	2.03%	0.703
2013	6	189,795.0	189,673.5	121.5	0.06%	0.022
2013	7	184,293.0	185,387.7	-1,094.7	-0.59%	-0.202
2013	8	186,916.0	190,786.2	-3,870.2	-2.07%	-0.716
2013	9	190,598.0	195,085.5	-4,487.5	-2.35%	-0.830
2013	10	172,340.0	179,954.0	-7,614.0	-4.42%	-1.408
2013	11	193,595.0	187,712.7	5,882.3	3.04%	1.088
2013	12	169,794.0	169,781.8	12.2	0.01%	0.002
2014	1	173,216.0	166,065.7	7,150.3	4.13%	1.322
2014	2	179,502.0	178,802.5	699.5	0.39%	0.129
2014	3	172,232.0	171,075.5	1,156.5	0.67%	0.214
2014	4	180,583.0	173,912.4	6,670.6	3.69%	1.233
2014	5	189,187.0	183,653.5	5,533.5	2.92%	1.023
2014	6	199,454.0	192,640.9	6,813.1	3.42%	1.260
2014	7	194,638.0	188,373.1	6,264.9	3.22%	1.158
2014	8	203,146.0	194,190.8	8,955.2	4.41%	1.656
2014	9	201,016.0	205,357.8	-4,341.8	-2.16%	-0.803



2014	10	186,794.0	178,233.9	8,560.1	4.58%	1.583
2014	11	192,608.0	186,876.3	5,731.7	2.98%	1.060
2014	12	163,203.0	170,530.5	-7,327.5	-4.49%	-1.355
2015	1	163,097.8	166,030.8	-2,933.0	-1.80%	-0.542
2015	2	171,056.8	172,965.5	-1,908.7	-1.12%	-0.353
2015	3	174,142.6	174,047.7	94.9	0.05%	0.018
2015	4	187,199.6	180,517.6	6,682.0	3.57%	1.235
2015	5	186,761.8	188,822.8	-2,061.0	-1.10%	-0.381
2015	6	198,100.7	195,984.3	2,116.4	1.07%	0.391
2015	7	199,421.0	191,590.4	7,830.6	3.93%	1.448
2015	8	205,094.4	194,318.1	10,776.3	5.25%	1.992
2015	9	200,104.7	196,705.0	3,399.7	1.70%	0.629
2015	10	187,525.9	183,150.0	4,375.9	2.33%	0.809
2015	11	196,061.2	192,475.9	3,585.3	1.83%	0.663
2015	12	180,189.9	175,639.4	4,550.5	2.53%	0.841
2016	1	168,325.0	161,983.3	6,341.7	3.77%	1.172
2016	2	178,068.5	175,350.6	2,717.9	1.53%	0.502
2016	3	166,095.0	173,760.5	-7,665.5	-4.62%	-1.417
2016	4	187,353.9	187,931.4	-577.5	-0.31%	-0.107
2016	5	197,762.9	197,762.9	-0.0	-0.00%	-0.000
2016	6	199,240.2	194,271.1	4,969.1	2.49%	0.919
2016	7	184,522.3	193,932.3	-9,410.0	-5.10%	-1.740
2016	8	207,022.4	198,397.1	8,625.3	4.17%	1.595
2016	9	204,806.2	206,691.0	-1,884.8	-0.92%	-0.348
2016	10	190,650.9	186,787.2	3,863.7	2.03%	0.714
2016	11	205,938.4	205,938.4	-0.0	-0.00%	-0.000
2016	12	187,858.1	187,858.1	-0.0	-0.00%	-0.000
2017	1	144,272.9	144,272.9	-0.0	-0.00%	-0.000
2017	2	190,420.2	190,420.2	-0.0	-0.00%	-0.000
2017	3	171,825.8	174,469.1	-2,643.3	-1.54%	-0.489
2017	4	189,217.0	180,081.8	9,135.2	4.83%	1.689
2017	5	187,096.0	187,555.6	-459.6	-0.25%	-0.085
2017	6	199,768.6	194,247.4	5,521.2	2.76%	1.021
2017	7	199,945.5	191,832.1	8,113.4	4.06%	1.500
2017	8	198,635.7	204,947.6	-6,311.9	-3.18%	-1.167
2017	9	197,802.9	199,598.6	-1,795.7	-0.91%	-0.332
2017	10	183,222.3	187,803.0	-4,580.7	-2.50%	-0.847
2017	11	191,289.4	193,728.4	-2,439.0	-1.28%	-0.451
2017	12	179,498.7	175,081.5	4,417.2	2.46%	0.817
2018	1	164,310.1	167,887.7	-3,577.6	-2.18%	-0.661
2018	2	182,183.8	183,686.6	-1,502.8	-0.82%	-0.278
2018	3	197,978.7	197,978.7	-0.0	-0.00%	-0.000
2018	4	170,863.0	170,863.0	-0.0	-0.00%	-0.000
2018	5	176,266.1	184,306.5	-8,040.4	-4.56%	-1.487
2018	6	191,468.1	197,801.2	-6,333.1	-3.31%	-1.171
2018	7	192,493.1	193,939.9	-1,446.8	-0.75%	-0.267
2018	8	194,349.1	197,947.0	-3,597.9	-1.85%	-0.665

2018	9	197,739.0	202,271.5	-4,532.6	-2.29%	-0.838
2018	10	193,386.3	190,671.6	2,714.7	1.40%	0.502
2018	11	198,460.6	194,346.9	4,113.8	2.07%	0.761
2018	12	177,578.7	174,488.3	3,090.4	1.74%	0.571
2019	1	153,027.9	153,027.9	-0.0	-0.00%	-0.000
2019	2	170,454.4	178,689.0	-8,234.6	-4.83%	-1.522
2019	3	183,136.7	186,039.6	-2,902.9	-1.59%	-0.537
2019	4	196,963.6	187,626.0	9,337.6	4.74%	1.726
2019	5	188,505.2	191,334.8	-2,829.6	-1.50%	-0.523
2019	6	205,966.7	201,634.9	4,331.8	2.10%	0.801
2019	7	178,662.0	178,662.0	-0.0	-0.00%	-0.000
2019	8	198,279.7	197,549.1	730.6	0.37%	0.135
2019	9	201,662.1	204,998.0	-3,335.9	-1.65%	-0.617
2019	10	191,788.9	189,885.3	1,903.6	0.99%	0.352
2019	11	195,177.3	196,508.6	-1,331.3	-0.68%	-0.246
2019	12	176,536.6	173,062.4	3,474.2	1.97%	0.642
2020	1	165,732.8	172,507.0	-6,774.2	-4.09%	-1.252
2020	2	173,556.2	180,698.8	-7,142.6	-4.12%	-1.321
2020	3	187,272.5	186,606.9	665.6	0.36%	0.123
2020	4	199,973.5	194,519.9	5,453.6	2.73%	1.008
2020	5	181,979.3	184,436.5	-2,457.2	-1.35%	-0.454
2020	6	171,926.5	171,926.5	-0.0	-0.00%	-0.000
2020	7	192,694.9	191,911.4	783.5	0.41%	0.145
2020	8	189,511.9	195,388.6	-5,876.7	-3.10%	-1.087
2020	9	194,019.1	199,522.3	-5,503.2	-2.84%	-1.017
2020	10	184,039.7	186,298.5	-2,258.8	-1.23%	-0.418
2020	11	192,278.4	193,814.9	-1,536.5	-0.80%	-0.284
2020	12	187,207.2	187,207.2	-0.0	-0.00%	-0.000
2021	1	176,654.8	180,288.5	-3,633.7	-2.06%	-0.672
2021	2	196,719.1	191,027.9	5,691.2	2.89%	1.052
2021	3	193,140.9	193,718.8	-577.9	-0.30%	-0.107
2021	4	209,950.5	209,950.5	-0.0	-0.00%	-0.000
2021	5	193,714.2	196,710.6	-2,996.4	-1.55%	-0.554
2021	6	206,700.6	208,163.5	-1,462.9	-0.71%	-0.270
2021	7	207,038.3	204,058.6	2,979.7	1.44%	0.551
2021	8		208,979.7			
2021	9		211,514.9			
2021	10		197,714.6			
2021	11		200,939.4			
2021	12		185,172.7			
2022	1		181,007.6			
2022	2		183,025.2			
2022	3		189,451.0			
2022	4		192,802.4			
2022	5		201,042.0			
2022	6		209,191.8			
2022	7		206,963.9			

2022	8	219,732.2
2022	9	213,675.9
2022	10	200,404.3
2022	11	205,752.8
2022	12	189,628.2
2023	1	182,294.5
2023	2	190,906.3
2023	3	190,057.0
2023	4	195,689.4
2023	5	199,184.5
2023	6	209,932.1
2023	7	207,610.1
2023	8	219,535.1
2023	9	214,185.2
2023	10	200,303.5
2023	11	206,601.2
2023	12	189,659.3
2024	1	174,820.5
2024	2	192,118.5
2024	3	190,296.8
2024	4	194,522.0
2024	5	200,140.1
2024	6	217,094.9
2024	7	207,203.1
2024	8	219,996.0
2024	9	215,162.8
2024	10	199,767.7
2024	11	206,892.4
2024	12	187,525.0
2025	1	191,056.7
2025	2	190,971.4
2025	3	190,298.0
2025	4	193,403.5
2025	5	202,174.5
2025	6	211,267.0
2025	7	206,614.2
2025	8	212,282.8
2025	9	222,651.7
2025	10	198,586.9
2025	11	206,751.8
2025	12	188,238.7
2026	1	182,978.0
2026	2	190,215.4
2026	3	189,991.9
2026	4	196,646.1
2026	5	198,746.4
2026	6	210,797.5

2026	7	206,603.1
2026	8	211,761.4
2026	9	213,270.8
2026	10	200,418.1
2026	11	205,687.9
2026	12	188,762.5
2027	1	184,836.3
2027	2	194,822.5
2027	3	196,243.0
2027	4	197,664.4
2027	5	197,828.8
2027	6	210,561.6
2027	7	207,624.2
2027	8	211,445.8
2027	9	213,542.9
2027	10	199,386.4
2027	11	202,316.7
2027	12	186,275.5
2028	1	166,977.1
2028	2	198,426.6
2028	3	189,770.8
2028	4	200,152.2
2028	5	200,516.4
2028	6	209,591.6
2028	7	214,821.3
2028	8	211,640.4
2028	9	221,878.3
2028	10	198,850.7
2028	11	202,601.5
2028	12	185,981.7
2029	1	181,963.9
2029	2	196,974.9
2029	3	196,382.9
2029	4	198,169.8
2029	5	197,458.0
2029	6	211,487.3
2029	7	207,021.0
2029	8	211,670.7
2029	9	214,823.5
2029	10	198,616.6
2029	11	203,512.8
2029	12	185,638.8
2030	1	181,617.0
2030	2	190,685.5
2030	3	196,469.9
2030	4	200,101.2
2030	5	202,604.9

2030	6	211,421.8
2030	7	207,140.8
2030	8	211,834.1
2030	9	215,163.6
2030	10	198,365.3
2030	11	202,588.7
2030	12	185,291.4
2031	1	183,099.4
2031	2	190,825.0
2031	3	190,187.0
2031	4	194,982.2
2031	5	200,487.1
2031	6	211,273.4
2031	7	206,662.9
2031	8	212,371.9
2031	9	222,775.9
2031	10	198,737.9
2031	11	206,925.5
2031	12	188,436.7
2032	1	183,205.5
2032	2	190,476.0
2032	3	190,264.7
2032	4	195,470.3
2032	5	199,976.5
2032	6	209,900.9
2032	7	207,447.5
2032	8	212,856.2
2032	9	213,809.5
2032	10	201,113.2
2032	11	203,747.7
2032	12	185,437.2
2033	1	189,502.3
2033	2	191,462.6
2033	3	190,365.6
2033	4	193,572.6
2033	5	201,719.1
2033	6	209,809.0
2033	7	207,534.1
2033	8	220,264.6
2033	9	214,180.9
2033	10	200,893.2
2033	11	206,232.2
2033	12	190,099.2
2034	1	182,753.4
2034	2	191,346.5
2034	3	190,471.8
2034	4	196,071.7

2034	5	199,531.8
2034	6	210,251.0
2034	7	207,912.4
2034	8	219,827.8
2034	9	214,467.6
2034	10	200,569.7
2034	11	206,846.0
2034	12	189,880.7
2035	1	182,560.0
2035	2	197,560.0
2035	3	196,958.9
2035	4	198,740.3
2035	5	198,025.1
2035	6	212,051.2
2035	7	207,580.2
2035	8	212,224.1
2035	9	215,370.8
2035	10	199,158.4
2035	11	204,049.7
2035	12	186,170.6
2036	1	182,143.3
2036	2	191,206.7
2036	3	191,930.3
2036	4	200,388.4
2036	5	193,962.6
2036	6	211,306.0
2036	7	206,692.7
2036	8	220,274.4
2036	9	223,115.9
2036	10	199,073.6
2036	11	206,331.4
2036	12	189,695.5
2037	1	183,532.7
2037	2	190,798.6
2037	3	190,602.7
2037	4	194,260.0
2037	5	202,432.1
2037	6	211,482.9
2037	7	207,309.0
2037	8	212,486.0
2037	9	214,013.3
2037	10	201,177.4
2037	11	206,463.0
2037	12	189,551.6
2038	1	185,637.2
2038	2	195,633.7
2038	3	197,062.9

2038	4	198,492.8
2038	5	198,666.7
2038	6	211,410.8
2038	7	208,487.0
2038	8	212,322.5
2038	9	214,431.4
2038	10	200,282.0
2038	11	203,215.6
2038	12	187,174.7
2039	1	175,415.0
2039	2	191,780.7
2039	3	190,678.5
2039	4	195,540.2
2039	5	200,368.3
2039	6	210,114.2
2039	7	207,837.1
2039	8	220,565.4
2039	9	214,479.9
2039	10	201,191.1
2039	11	206,529.2
2039	12	190,394.6
2040	1	183,502.0
2040	2	191,180.6
2040	3	190,739.7
2040	4	195,048.6
2040	5	200,794.0
2040	6	210,313.5
2040	7	207,879.1
2040	8	220,368.1
2040	9	214,874.4
2040	10	201,102.3
2040	11	206,319.0
2040	12	191,444.4
2041	1	189,277.7
2041	2	191,477.4
2041	3	197,257.8
2041	4	200,884.5
2041	5	203,382.5
2041	6	212,192.8
2041	7	207,903.8
2041	8	212,587.3
2041	9	215,904.1
2041	10	199,090.3
2041	11	203,296.5
2041	12	185,981.9
2042	1	183,773.9
2042	2	191,485.1

2042	3	190,835.8
2042	4	197,241.9
2042	5	199,496.8
2042	6	211,890.5
2042	7	207,262.6
2042	8	212,952.9
2042	9	223,341.8
2042	10	199,295.7
2042	11	207,479.6
2042	12	188,987.2
2043	1	183,749.5
2043	2	191,010.8
2043	3	190,808.5
2043	4	196,090.0
2043	5	200,988.1
2043	6	211,664.3
2043	7	207,486.3
2043	8	212,660.2
2043	9	214,182.4
2043	10	201,338.1
2043	11	206,614.2
2043	12	189,695.6
2044	1	176,413.6
2044	2	192,329.9
2044	3	190,750.0
2044	4	206,476.4
2044	5	196,010.2
2044	6	210,186.3
2044	7	207,899.5
2044	8	213,215.8
2044	9	221,924.4
2044	10	201,226.1
2044	11	204,040.4
2044	12	186,073.2
2045	1	189,930.9
2045	2	191,653.7
2045	3	190,773.1
2045	4	196,367.7
2045	5	199,824.1
2045	6	210,542.2
2045	7	208,205.0
2045	8	220,121.8
2045	9	214,759.0
2045	10	200,852.5
2045	11	207,117.5
2045	12	190,142.6
2046	1	182,817.3

2046	2	197,815.5
2046	3	197,212.2
2046	4	198,988.3
2046	5	198,265.1
2046	6	212,282.3
2046	7	207,802.7
2046	8	212,438.1
2046	9	215,575.8
2046	10	199,354.2
2046	11	204,237.1
2046	12	186,352.5
2047	1	182,323.0
2047	2	191,384.6
2047	3	197,160.2
2047	4	200,778.6
2047	5	203,266.1
2047	6	212,066.4
2047	7	207,770.0
2047	8	212,448.6
2047	9	215,762.2
2047	10	198,946.5
2047	11	203,151.1
2047	12	185,834.4
2048	1	183,623.4
2048	2	191,330.4
2048	3	197,075.5
2048	4	203,039.6
2048	5	200,956.3
2048	6	211,593.9
2048	7	208,210.3
2048	8	211,804.6
2048	9	214,171.1
2048	10	200,610.5
2048	11	203,260.8
2048	12	185,779.7
2049	1	185,609.3
2049	2	195,598.3
2049	3	197,019.6
2049	4	198,439.3
2049	5	198,601.6
2049	6	211,334.9
2049	7	208,402.3
2049	8	212,230.0
2049	9	214,329.8
2049	10	200,169.2
2049	11	203,090.0
2049	12	187,036.5

2050	1	175,265.4
2050	2	191,619.4
2050	3	190,504.5
2050	4	195,350.7
2050	5	200,161.4
2050	6	209,889.8
2050	7	207,596.8
2050	8	220,310.5
2050	9	214,210.5
2050	10	200,907.1
2050	11	206,230.6
2050	12	190,081.4

Year	Month	Pred	Days_B	CDD_B_70	IProdEmpM_L1	Jan	Jul	Oct	Nov	Dec	12-Aug	16-May	16-Nov	16-Dec	17-Jan	17-Feb	18-Mar	18-Apr	19-Jan	19-Jul	20-Jun	20-Dec
2010	12	165,779.7	142,890.4	834.1	32,816.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	1	159,632.4	146,080.9	51.1	32,898.8	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2	168,615.0	135,597.8	0.0	33,017.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	3	167,407.4	134,002.5	316.7	33,088.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	4	169,696.5	134,002.5	2,617.8	33,076.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	5	183,658.4	140,383.6	10,229.6	33,045.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	6	188,079.5	139,244.1	15,736.1	33,099.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	7	186,271.8	139,244.1	20,921.3	33,296.7	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	8	199,310.1	142,662.5	23,094.6	33,552.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	9	192,659.6	137,876.7	21,047.0	33,735.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	10	177,389.4	136,509.3	14,601.3	33,754.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	11	180,824.4	136,509.3	3,644.4	33,677.8	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	12	167,941.2	143,802.0	1,282.3	33,618.4	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	1	160,609.7	146,308.8	37.7	33,661.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	2	168,789.5	134,914.1	65.6	33,809.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	3	169,659.5	134,002.5	1,630.8	34,026.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	4	176,879.3	137,876.7	4,722.7	34,279.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	5	178,302.9	136,509.3	7,278.8	34,514.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	6	189,441.2	139,472.0	15,311.9	34,657.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	7	184,918.8	139,244.1	18,194.2	34,670.9	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	8	184,168.0	142,434.6	21,228.2	34,611.7	0.0	0.0	0.0	0.0	0.0	-14,106.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	9	191,701.4	138,104.6	19,029.0	34,567.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	10	178,911.0	136,281.4	15,503.4	34,602.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	11	184,076.9	136,053.5	6,335.6	34,695.0	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	12	168,922.1	144,713.6	168.4	34,801.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	1	161,183.4	145,397.3	292.3	34,892.3	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	2	170,794.8	135,369.9	439.8	34,985.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	3	169,865.3	134,002.5	759.2	35,103.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	4	177,121.2	139,699.9	2,156.0	35,265.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	5	183,479.5	141,067.2	6,976.6	35,435.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	6	189,673.5	140,383.6	13,742.0	35,547.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	7	185,387.7	138,560.4	18,445.3	35,572.4	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	8	190,786.2	135,825.7	19,386.9	35,573.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	9	195,085.5	138,788.3	20,646.5	35,650.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	10	179,954.0	135,597.8	15,973.1	35,859.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	11	187,712.7	136,965.1	7,612.9	36,141.9	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	12	169,781.8	141,523.0	2,617.1	36,403.1	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	1	166,065.7	147,676.2	1,213.5	36,574.5	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	2	178,802.5	141,750.9	372.2	36,679.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	3	171,075.5	134,002.5	310.5	36,762.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	4	173,912.4	135,369.9	1,680.5	36,862.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	5	183,653.5	139,016.2	7,673.1	36,964.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	6	192,640.9	140,383.6	15,226.0	37,031.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	7	188,373.1	138,560.4	19,953.0	37,050.1	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	8	194,190.8	135,825.7	21,292.0	37,073.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	9	205,357.8	145,625.2	22,554.7	37,177.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2014	10	178,233.9	135,142.0	13,165.0	37,402.9	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	11	186,876.3	137,876.7	4,316.8	37,690.0	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	12	170,530.5	142,434.6	910.5	37,946.8	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	1	166,030.8	146,536.7	788.6	38,103.9	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	2	172,965.5	134,686.2	109.4	38,170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	3	174,047.7	134,002.5	1,868.8	38,176.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	4	180,517.6	135,825.7	6,531.0	38,161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	5	188,822.8	138,788.3	11,865.7	38,168.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	6	195,984.3	140,155.7	17,574.5	38,254.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	7	191,590.4	138,788.3	21,552.2	38,440.3	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	8	194,318.1	135,597.8	20,059.5	38,660.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	9	196,705.0	137,648.8	20,237.6	38,818.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	10	183,150.0	136,737.2	15,042.6	38,846.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	11	192,475.9	136,737.2	9,948.4	38,797.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	12	175,639.4	143,118.3	4,521.2	38,761.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	1	161,983.3	139,244.1	3,335.7	38,802.0	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	2	175,350.6	136,053.5	395.5	38,901.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	3	173,760.5	134,002.5	749.9	39,008.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	4	187,931.4	145,397.3	3,439.4	39,094.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	5	197,762.9	135,369.9	6,909.4	39,182.9	0.0	0.0	0.0	0.0	0.0	0.0	16,300.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	6	194,271.1	139,244.1	15,718.2	39,308.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	7	193,932.3	139,244.1	22,388.4	39,490.2	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	8	198,397.1	136,281.4	22,431.9	39,683.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	9	206,691.0	144,257.8	22,606.1	39,827.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	10	186,787.2	136,509.3	17,881.7	39,872.0	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	11	205,938.4	134,002.5	7,464.4	39,839.6	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	17,639.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	12	187,858.1	139,472.0	1,385.2	39,769.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	17,992.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	1	144,272.9	152,689.9	1,599.0	39,709.9	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-30,327.4	0.0	0.0	0.0	0.0	0.0	0.0
2017	2	190,420.2	135,369.9	492.6	39,733.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,824.2	0.0	0.0	0.0	0.0	0.0
2017	3	174,469.1	134,002.5	556.2	39,910.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	4	180,081.8	136,281.4	3,537.5	40,262.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	5	187,555.6	138,104.6	8,796.8	40,654.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	6	194,247.4	139,472.0	13,920.6	40,854.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	7	191,832.1	139,472.0	18,806.7	40,743.7	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	8	204,947.6	142,206.7	22,244.2	40,496.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	9	199,598.6	138,104.6	21,104.0	40,390.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	10	187,803.0	136,281.4	18,397.8	40,599.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	11	193,728.4	137,193.0	8,550.2	40,992.3	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	12	175,081.5	143,574.1	930.5	41,338.4	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	1	167,887.7	145,625.2	178.1	41,482.9	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	2	183,686.6	141,523.0	650.0	41,513.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	3	197,978.7	140,383.6	3,026.9	41,589.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12,978.8	0.0	0.0	0.0	0.0
2018	4	170,863.0	140,155.7	2,366.3	41,818.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13,477.7	0.0	0.0	0.0
2018	5	184,306.5	134,230.4	7,918.5	42,157.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	6	197,801.2	140,383.6	14,927.3	42,490.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	7	193,939.9	139,016.2	19,384.5	42,729.5	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	8	197,947.0	135,369.9	19,709.6	42,867.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2018	9	202,271.5	139,016.2	20,328.6	42,926.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	10	190,671.6	135,369.9	19,844.5	42,933.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	11	194,346.9	134,914.1	9,507.1	42,932.9	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	12	174,488.3	139,927.8	2,346.8	42,975.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	1	153,027.9	145,169.4	785.8	43,080.7	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-16,609.5	0.0	0.0	0.0
2019	2	178,689.0	135,142.0	367.6	43,179.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	3	186,039.6	140,383.6	2,483.8	43,172.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	4	187,626.0	141,978.8	2,628.1	43,019.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	5	191,334.8	139,016.2	9,498.1	42,820.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	6	201,634.9	140,155.7	18,735.1	42,744.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	7	178,662.0	139,016.2	21,040.7	42,879.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-17,084.3	0.0	0.0
2019	8	197,549.1	135,369.9	19,084.6	43,094.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	9	204,998.0	139,244.1	22,575.5	43,178.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	10	189,885.3	135,142.0	19,190.9	43,028.4	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	11	196,508.6	134,002.5	12,638.2	42,875.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	12	173,062.4	139,472.0	1,306.8	43,045.1	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	1	172,507.0	146,536.7	1,747.1	43,621.5	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	2	180,698.8	135,142.0	1,650.7	43,906.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	3	186,606.9	140,383.6	3,249.3	42,974.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	4	194,519.9	144,257.8	9,792.8	40,469.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	5	184,436.5	136,965.1	9,912.6	37,558.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	6	171,926.5	139,927.8	16,744.2	35,877.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20,622.9	0.0
2020	7	191,911.4	139,472.0	23,300.2	36,329.6	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	8	195,388.6	134,914.1	22,309.1	38,165.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	9	199,522.3	137,876.7	21,573.7	40,071.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	10	186,298.5	136,509.3	16,289.4	40,975.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	11	193,814.9	134,002.5	11,732.1	41,087.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	12	187,207.2	139,472.0	2,711.3	41,002.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,782.8
2021	1	180,288.5	148,587.8	369.8	41,161.8	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	2	191,027.9	139,472.0	465.4	41,523.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	3	193,718.8	140,383.6	1,910.2	41,857.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	4	209,950.5	139,699.9	4,157.9	42,047.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	5	196,710.6	134,686.2	10,292.5	42,164.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	6	208,163.5	139,699.9	16,560.7	42,335.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	7	204,058.6	139,699.9	19,327.3	42,654.2	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	8	208,979.7	135,369.9	20,968.9	43,073.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	9	211,514.9	138,104.6	20,340.6	43,502.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	10	197,714.6	136,281.4	15,485.8	43,855.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	11	200,939.4	134,002.5	6,223.7	44,152.9	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	12	185,172.7	140,839.3	1,094.0	44,433.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	1	181,007.6	145,625.2	491.5	44,721.8	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	2	183,025.2	128,305.1	150.2	45,002.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	3	189,451.0	134,002.5	656.9	45,224.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	4	192,802.4	135,597.8	2,259.2	45,377.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	5	201,042.0	138,788.3	7,206.0	45,480.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	6	209,191.8	139,244.1	14,830.9	45,549.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	7	206,963.9	139,244.1	19,737.0	45,605.6	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2022	8	219,732.2	142,662.5	21,849.3	45,652.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	9	213,675.9	137,876.7	20,541.9	45,689.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	10	200,404.3	136,509.3	16,088.6	45,714.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	11	205,752.8	136,509.3	6,950.4	45,732.7	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	12	189,628.2	143,802.0	1,270.8	45,749.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	1	182,294.5	145,853.0	502.9	45,769.5	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	2	190,906.3	135,369.9	173.3	45,795.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	3	190,057.0	134,002.5	660.2	45,826.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	4	195,689.4	137,876.7	2,381.8	45,863.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	5	199,184.5	136,509.3	7,206.8	45,900.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	6	209,932.1	139,472.0	14,962.8	45,929.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	7	207,610.1	139,472.0	19,815.1	45,945.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	8	219,535.1	142,206.7	21,805.9	45,954.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	9	214,185.2	138,104.6	20,546.5	45,966.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	10	200,303.5	136,281.4	15,943.4	45,987.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	11	206,601.2	137,193.0	6,833.5	46,014.3	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	12	189,659.3	143,574.1	1,235.9	46,043.2	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	1	174,820.5	138,104.6	477.5	46,069.3	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	2	192,118.5	136,281.4	179.4	46,090.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	3	190,296.8	134,002.5	623.8	46,102.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	4	194,522.0	136,737.2	2,109.6	46,107.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	5	200,140.1	137,648.8	6,815.9	46,107.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	6	217,094.9	146,080.9	15,338.2	46,108.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	7	207,203.1	139,016.2	19,697.6	46,112.1	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	8	219,996.0	142,434.6	21,875.4	46,118.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	9	215,162.8	138,788.3	20,682.7	46,124.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	10	199,767.7	135,597.8	15,951.1	46,127.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	11	206,892.4	137,193.0	7,013.6	46,125.3	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	12	187,525.0	141,295.1	1,306.1	46,117.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	1	191,056.7	154,285.2	499.0	46,103.4	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	2	190,971.4	135,142.0	178.9	46,082.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	3	190,298.0	134,002.5	668.5	46,059.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	4	193,403.5	135,369.9	2,433.2	46,032.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	5	202,174.5	139,016.2	7,586.9	46,003.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	6	211,267.0	140,383.6	15,341.9	45,973.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	7	206,614.2	138,560.4	19,732.0	45,944.5	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	8	212,282.8	135,825.7	20,972.8	45,916.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	9	222,651.7	145,625.2	21,567.5	45,891.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	10	198,586.9	135,142.0	15,483.4	45,869.9	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	11	206,751.8	137,876.7	6,464.8	45,849.8	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	12	188,238.7	142,434.6	1,169.5	45,828.5	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	1	182,978.0	146,536.7	468.0	45,804.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	2	190,215.4	134,686.2	184.2	45,777.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	3	189,991.9	134,002.5	669.9	45,752.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	4	196,646.1	138,788.3	2,562.2	45,728.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	5	198,746.4	135,825.7	7,647.8	45,705.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	6	210,797.5	140,155.7	15,389.4	45,684.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2026	7	206,603.1	138,788.3	19,770.8	45,666.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	8	211,761.4	135,597.8	20,945.3	45,650.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	9	213,270.8	137,648.8	20,418.2	45,636.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	10	200,418.1	136,737.2	15,965.8	45,623.4	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	11	205,687.9	136,737.2	6,778.4	45,611.9	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	12	188,762.5	143,118.3	1,236.5	45,601.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	1	184,836.3	148,587.8	486.8	45,592.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	2	194,822.5	139,472.0	198.0	45,585.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	3	196,243.0	140,383.6	712.4	45,579.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	4	197,664.4	139,699.9	2,821.6	45,575.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	5	197,828.8	134,686.2	8,004.3	45,570.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	6	210,561.6	139,699.9	15,730.8	45,563.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	7	207,624.2	139,699.9	19,995.2	45,551.9	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	8	211,445.8	135,369.9	20,968.9	45,539.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	9	213,542.9	138,104.6	20,340.6	45,530.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	10	199,386.4	136,281.4	15,485.8	45,527.4	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	11	202,316.7	134,002.5	6,223.7	45,530.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	12	186,275.5	140,839.3	1,094.0	45,536.1	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	1	166,977.1	130,812.0	452.6	45,543.4	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	2	198,426.6	143,118.3	189.1	45,551.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	3	189,770.8	134,002.5	640.7	45,560.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	4	200,152.2	142,662.5	2,353.5	45,568.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	5	200,516.4	138,104.6	7,266.0	45,578.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	6	209,591.6	139,472.0	14,962.8	45,589.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	7	214,821.3	146,080.9	20,761.2	45,601.9	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	8	211,640.4	135,597.8	20,859.9	45,615.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	9	221,878.3	145,169.4	21,513.5	45,627.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	10	198,850.7	135,597.8	15,522.9	45,638.5	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	11	202,601.5	134,002.5	6,390.2	45,648.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	12	185,981.7	140,383.6	1,132.7	45,659.4	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	1	181,963.9	145,625.2	497.5	45,672.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	2	196,974.9	141,523.0	198.6	45,685.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	3	196,382.9	140,383.6	734.9	45,696.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	4	198,169.8	140,155.7	2,741.5	45,705.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	5	197,458.0	134,230.4	7,948.0	45,712.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	6	211,487.3	140,383.6	15,816.3	45,719.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	7	207,021.0	139,016.2	19,897.5	45,730.1	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	8	211,670.7	135,369.9	20,991.1	45,742.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	9	214,823.5	139,016.2	20,484.9	45,754.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	10	198,616.6	135,369.9	15,388.5	45,766.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	11	203,512.8	134,914.1	6,261.2	45,777.2	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	12	185,638.8	139,927.8	1,118.3	45,786.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	1	181,617.0	145,169.4	483.3	45,795.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	2	190,685.5	135,142.0	172.9	45,803.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	3	196,469.9	140,383.6	708.5	45,810.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	4	200,101.2	141,978.8	2,737.1	45,817.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	5	202,604.9	139,016.2	8,195.4	45,825.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2030	6	211,421.8	140,155.7	15,864.0	45,834.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	7	207,140.8	139,016.2	19,902.9	45,844.4	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	8	211,834.1	135,369.9	21,041.3	45,855.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	9	215,163.6	139,244.1	20,484.3	45,867.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	10	198,365.3	135,142.0	15,251.0	45,880.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	11	202,588.7	134,002.5	6,131.4	45,894.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	12	185,291.4	139,472.0	1,104.7	45,908.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	1	183,099.4	146,536.7	470.8	45,922.7	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	2	190,825.0	135,142.0	178.9	45,936.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	3	190,187.0	134,002.5	668.5	45,948.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	4	194,982.2	136,965.1	2,490.7	45,958.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	5	200,487.1	137,420.9	7,529.4	45,969.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	6	211,273.4	140,383.6	15,341.9	45,980.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	7	206,662.9	138,560.4	19,732.0	45,993.2	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	8	212,371.9	135,825.7	20,972.8	46,005.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	9	222,775.9	145,625.2	21,567.5	46,015.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	10	198,737.9	135,142.0	15,483.4	46,020.9	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	11	206,925.5	137,876.7	6,464.8	46,023.5	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	12	188,436.7	142,434.6	1,169.5	46,026.5	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	1	183,205.5	146,536.7	468.0	46,031.7	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	2	190,476.0	134,686.2	184.2	46,038.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	3	190,264.7	134,002.5	651.7	46,043.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	4	195,470.3	137,420.9	2,436.4	46,045.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	5	199,976.5	136,965.1	7,396.9	46,046.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	6	209,900.9	139,244.1	15,039.8	46,049.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	7	207,447.5	139,244.1	19,771.4	46,054.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	8	212,856.2	136,281.4	20,944.5	46,062.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	9	213,809.5	137,648.8	20,520.7	46,072.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	10	201,113.2	136,737.2	16,201.6	46,082.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	11	203,747.7	134,002.5	7,091.3	46,093.6	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	12	185,437.2	139,244.1	1,282.1	46,104.9	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	1	189,502.3	152,689.9	526.7	46,116.5	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	2	191,462.6	135,597.8	169.2	46,128.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	3	190,365.6	134,002.5	656.9	46,138.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	4	193,572.6	135,597.8	2,259.2	46,148.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	5	201,719.1	138,788.3	7,206.0	46,157.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	6	209,809.0	139,244.1	14,830.9	46,166.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	7	207,534.1	139,244.1	19,737.0	46,175.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	8	220,264.6	142,662.5	21,849.3	46,185.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	9	214,180.9	137,876.7	20,541.9	46,194.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	10	200,893.2	136,509.3	16,088.6	46,203.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	11	206,232.2	136,509.3	6,950.4	46,212.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	12	190,099.2	143,802.0	1,270.8	46,220.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	1	182,753.4	145,853.0	502.9	46,228.3	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	2	191,346.5	135,369.9	173.3	46,235.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	3	190,471.8	134,002.5	660.2	46,241.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	4	196,071.7	137,876.7	2,381.8	46,245.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2034	5	199,531.8	136,509.3	7,206.8	46,248.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	6	210,251.0	139,472.0	14,962.8	46,248.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	7	207,912.4	139,472.0	19,815.1	46,248.1	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	8	219,827.8	142,206.7	21,805.9	46,247.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	9	214,467.6	138,104.6	20,546.5	46,249.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	10	200,569.7	136,281.4	15,943.4	46,253.2	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	11	206,846.0	137,193.0	6,833.5	46,259.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	12	189,880.7	143,574.1	1,235.9	46,264.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	1	182,560.0	145,625.2	497.5	46,268.3	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	2	197,560.0	141,523.0	198.6	46,270.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	3	196,958.9	140,383.6	734.9	46,272.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	4	198,740.3	140,155.7	2,741.5	46,275.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	5	198,025.1	134,230.4	7,948.0	46,279.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	6	212,051.2	140,383.6	15,816.3	46,283.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	7	207,580.2	139,016.2	19,897.5	46,289.3	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	8	212,224.1	135,369.9	20,991.1	46,295.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	9	215,370.8	139,016.2	20,484.9	46,302.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	10	199,158.4	135,369.9	15,388.5	46,308.4	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	11	204,049.7	134,914.1	6,261.2	46,314.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	12	186,170.6	139,927.8	1,118.3	46,318.5	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	1	182,143.3	145,169.4	483.3	46,321.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	2	191,206.7	135,142.0	172.9	46,324.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	3	191,930.3	135,369.9	665.0	46,327.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	4	200,388.4	141,978.8	2,508.8	46,333.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	5	193,962.6	131,039.8	7,015.6	46,339.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	6	211,306.0	140,383.6	15,009.3	46,345.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	7	206,692.7	138,332.5	19,632.6	46,350.3	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	8	220,274.4	142,434.6	21,918.6	46,353.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	9	223,115.9	145,625.2	21,567.5	46,355.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	10	199,073.6	135,142.0	15,483.4	46,356.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	11	206,331.4	136,965.1	6,448.8	46,357.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	12	189,695.5	143,346.2	1,185.5	46,357.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	1	183,532.7	146,536.7	468.0	46,358.9	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	2	190,798.6	134,686.2	184.2	46,360.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	3	190,602.7	134,002.5	669.9	46,362.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	4	194,260.0	135,825.7	2,501.6	46,365.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	5	202,432.1	138,788.3	7,708.4	46,367.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	6	211,482.9	140,155.7	15,389.4	46,370.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	7	207,309.0	138,788.3	19,770.8	46,372.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	8	212,486.0	135,597.8	20,945.3	46,375.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	9	214,013.3	137,648.8	20,418.2	46,378.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	10	201,177.4	136,737.2	15,965.8	46,382.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	11	206,463.0	136,737.2	6,778.4	46,387.0	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	12	189,551.6	143,118.3	1,236.5	46,390.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	1	185,637.2	148,587.8	486.8	46,393.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	2	195,633.7	139,472.0	198.0	46,396.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	3	197,062.9	140,383.6	712.4	46,399.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2038	4	198,492.8	139,699.9	2,821.6	46,403.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	5	198,666.7	134,686.2	8,004.3	46,408.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	6	211,410.8	139,699.9	15,730.8	46,412.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	7	208,487.0	139,699.9	19,995.2	46,414.7	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	8	212,322.5	135,369.9	20,968.9	46,416.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	9	214,431.4	138,104.6	20,340.6	46,418.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	10	200,282.0	136,281.4	15,485.8	46,423.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	11	203,215.6	134,002.5	6,223.7	46,429.0	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	12	187,174.7	140,839.3	1,094.0	46,435.2	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	1	175,415.0	138,332.5	472.5	46,440.8	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	2	191,780.7	135,597.8	169.2	46,446.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	3	190,678.5	134,002.5	656.9	46,451.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	4	195,540.2	137,193.0	2,321.9	46,457.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	5	200,368.3	137,193.0	7,143.3	46,464.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	6	210,114.2	139,244.1	14,830.9	46,471.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	7	207,837.1	139,244.1	19,737.0	46,478.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	8	220,565.4	142,662.5	21,849.3	46,486.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	9	214,479.9	137,876.7	20,541.9	46,493.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	10	201,191.1	136,509.3	16,088.6	46,501.5	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	11	206,529.2	136,509.3	6,950.4	46,509.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	12	190,394.6	143,802.0	1,270.8	46,515.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	1	183,502.0	146,308.8	502.9	46,521.1	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	2	191,180.6	134,914.1	173.3	46,525.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	3	190,739.7	134,002.5	640.1	46,529.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	4	195,048.6	136,737.2	2,210.1	46,533.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	5	200,794.0	137,648.8	7,039.3	46,538.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	6	210,313.5	139,472.0	14,729.8	46,544.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	7	207,879.1	139,244.1	19,706.6	46,551.2	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	8	220,368.1	142,434.6	21,806.9	46,559.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	9	214,874.4	138,104.6	20,635.3	46,566.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	10	201,102.3	136,281.4	16,155.0	46,574.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	11	206,319.0	136,053.5	7,124.4	46,580.6	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	12	191,444.4	144,713.6	1,338.6	46,586.2	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	1	189,277.7	152,006.2	511.5	46,590.9	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	2	191,477.4	135,142.0	172.9	46,595.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	3	197,257.8	140,383.6	708.5	46,598.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	4	200,884.5	141,978.8	2,737.1	46,600.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	5	203,382.5	139,016.2	8,195.4	46,603.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	6	212,192.8	140,155.7	15,864.0	46,605.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	7	207,903.8	139,016.2	19,902.9	46,607.5	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	8	212,587.3	135,369.9	21,041.3	46,608.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	9	215,904.1	139,244.1	20,484.3	46,608.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	10	199,090.3	135,142.0	15,251.0	46,605.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	11	203,296.5	134,002.5	6,131.4	46,602.3	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	12	185,981.9	139,472.0	1,104.7	46,599.1	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	1	183,773.9	146,536.7	470.8	46,597.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	2	191,485.1	135,142.0	178.9	46,596.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2042	3	190,835.8	134,002.5	668.5	46,597.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	4	197,241.9	138,560.4	2,515.5	46,598.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	5	199,496.8	135,825.7	7,504.5	46,599.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	6	211,890.5	140,383.6	15,341.9	46,597.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	7	207,262.6	138,560.4	19,732.0	46,592.9	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	8	212,952.9	135,825.7	20,972.8	46,586.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	9	223,341.8	145,625.2	21,567.5	46,581.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	10	199,295.7	135,142.0	15,483.4	46,578.7	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	11	207,479.6	137,876.7	6,464.8	46,577.6	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	12	188,987.2	142,434.6	1,169.5	46,577.0	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	1	183,749.5	146,536.7	468.0	46,575.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	2	191,010.8	134,686.2	184.2	46,572.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	3	190,808.5	134,002.5	669.9	46,568.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	4	196,090.0	137,420.9	2,538.8	46,562.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	5	200,988.1	137,193.0	7,671.2	46,556.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	6	211,664.3	140,155.7	15,389.4	46,551.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	7	207,486.3	138,788.3	19,770.8	46,550.0	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	8	212,660.2	135,597.8	20,945.3	46,549.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	9	214,182.4	137,648.8	20,418.2	46,547.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	10	201,338.1	136,737.2	15,965.8	46,543.4	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	11	206,614.2	136,737.2	6,778.4	46,538.1	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	12	189,695.6	143,118.3	1,236.5	46,534.7	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	1	176,413.6	139,244.1	465.4	46,535.1	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	2	192,329.9	136,053.5	170.6	46,538.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	3	190,750.0	134,002.5	638.4	46,541.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	4	206,476.4	147,904.1	2,460.8	46,543.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	5	196,010.2	132,863.0	7,034.9	46,544.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	6	210,186.3	139,244.1	14,830.9	46,543.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	7	207,899.5	139,244.1	19,737.0	46,541.2	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	8	213,215.8	136,281.4	20,828.5	46,538.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	9	221,924.4	144,257.8	21,562.6	46,536.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	10	201,226.1	136,509.3	16,088.6	46,536.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	11	204,040.4	134,002.5	6,939.3	46,538.2	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	12	186,073.2	139,472.0	1,254.9	46,540.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	1	189,930.9	152,689.9	529.9	46,542.0	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	2	191,653.7	135,369.9	173.3	46,542.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	3	190,773.1	134,002.5	660.2	46,542.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	4	196,367.7	137,876.7	2,381.8	46,541.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	5	199,824.1	136,509.3	7,206.8	46,540.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	6	210,542.2	139,472.0	14,962.8	46,539.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	7	208,205.0	139,472.0	19,815.1	46,540.7	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	8	220,121.8	142,206.7	21,805.9	46,541.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	9	214,759.0	138,104.6	20,546.5	46,540.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	10	200,852.5	136,281.4	15,943.4	46,536.1	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	11	207,117.5	137,193.0	6,833.5	46,530.6	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	12	190,142.6	143,574.1	1,235.9	46,526.5	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	1	182,817.3	145,625.2	497.5	46,525.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2046	2	197,815.5	141,523.0	198.6	46,526.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	3	197,212.2	140,383.6	734.9	46,526.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	4	198,988.3	140,155.7	2,741.5	46,523.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	5	198,265.1	134,230.4	7,948.0	46,519.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	6	212,282.3	140,383.6	15,816.3	46,514.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	7	207,802.7	139,016.2	19,897.5	46,511.8	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	8	212,438.1	135,369.9	20,991.1	46,509.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	9	215,575.8	139,016.2	20,484.9	46,507.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	10	199,354.2	135,369.9	15,388.5	46,504.2	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	11	204,237.1	134,914.1	6,261.2	46,501.5	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	12	186,352.5	139,927.8	1,118.3	46,500.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	1	182,323.0	145,169.4	483.3	46,501.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	2	191,384.6	135,142.0	172.9	46,502.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	3	197,160.2	140,383.6	708.5	46,500.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	4	200,778.6	141,978.8	2,737.1	46,495.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	5	203,266.1	139,016.2	8,195.4	46,486.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	6	212,066.4	140,155.7	15,864.0	46,479.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	7	207,770.0	139,016.2	19,902.9	46,473.6	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	8	212,448.6	135,369.9	21,041.3	46,469.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	9	215,762.2	139,244.1	20,484.3	46,466.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	10	198,946.5	135,142.0	15,251.0	46,461.9	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	11	203,151.1	134,002.5	6,131.4	46,456.9	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	12	185,834.4	139,472.0	1,104.7	46,451.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	1	183,623.4	146,536.7	470.8	46,446.7	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	2	191,330.4	135,142.0	178.9	46,441.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	3	197,075.5	140,383.6	686.8	46,437.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	4	203,039.6	144,257.8	2,780.8	46,433.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	5	200,956.3	136,965.1	7,995.0	46,428.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	6	211,593.9	139,927.8	15,675.7	46,422.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	7	208,210.3	139,472.0	19,945.6	46,415.4	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	8	211,804.6	134,914.1	20,916.3	46,406.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	9	214,171.1	137,876.7	20,329.6	46,397.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	10	200,610.5	136,509.3	15,621.9	46,387.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	11	203,260.8	134,002.5	6,319.2	46,378.7	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	12	185,779.7	139,472.0	1,130.4	46,371.3	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	1	185,609.3	148,587.8	486.8	46,365.6	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	2	195,598.3	139,472.0	198.0	46,360.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	3	197,019.6	140,383.6	712.4	46,356.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	4	198,439.3	139,699.9	2,821.6	46,350.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	5	198,601.6	134,686.2	8,004.3	46,343.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	6	211,334.9	139,699.9	15,730.8	46,336.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	7	208,402.3	139,699.9	19,995.2	46,330.0	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	8	212,230.0	135,369.9	20,968.9	46,323.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	9	214,329.8	138,104.6	20,340.6	46,317.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	10	200,169.2	136,281.4	15,485.8	46,310.2	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	11	203,090.0	134,002.5	6,223.7	46,303.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	12	187,036.5	140,839.3	1,094.0	46,297.0	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2050	1	175,265.4	138,332.5	472.5	46,291.2	-19,398.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	2	191,619.4	135,597.8	169.2	46,284.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	3	190,504.5	134,002.5	656.9	46,277.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	4	195,350.7	137,193.0	2,321.9	46,268.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	5	200,161.4	137,193.0	7,143.3	46,257.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	6	209,889.8	139,244.1	14,830.9	46,247.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	7	207,596.8	139,244.1	19,737.0	46,238.5	0.0	-7,190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	8	220,310.5	142,662.5	21,849.3	46,231.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	9	214,210.5	137,876.7	20,541.9	46,224.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	10	200,907.1	136,509.3	16,088.6	46,217.6	0.0	0.0	-7,475.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	11	206,230.6	136,509.3	6,950.4	46,210.4	0.0	0.0	0.0	6,992.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	12	190,081.4	143,802.0	1,270.8	46,202.6	0.0	0.0	0.0	0.0	-10,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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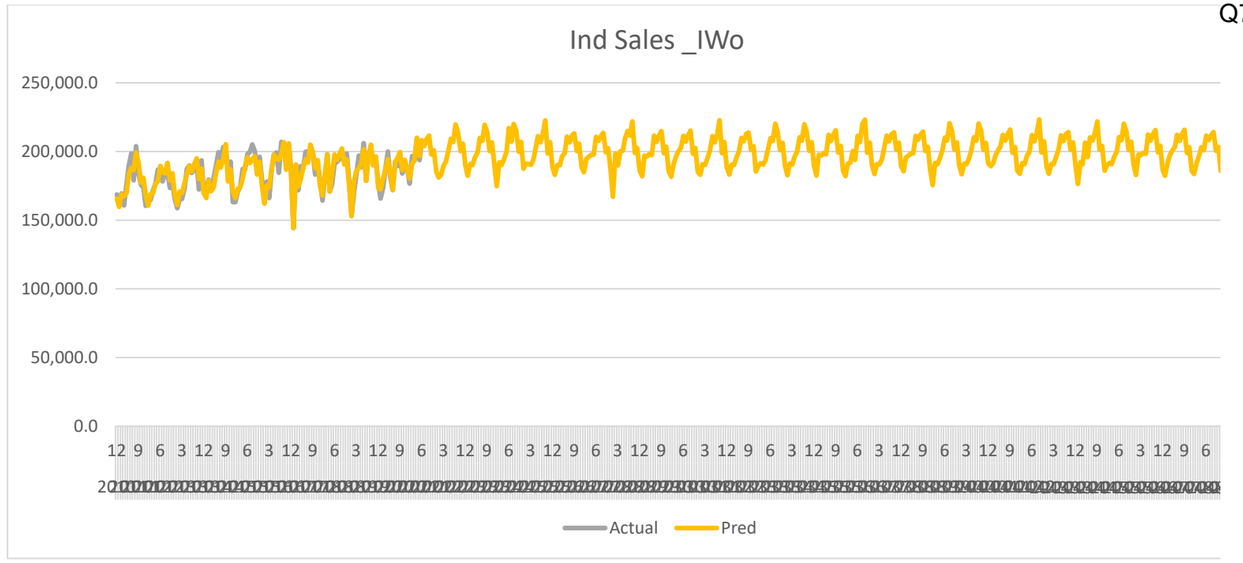
Year	Month	Actual	Pred	Upper	Lower	Sigma	MAPE
2010	12	168,625.0	165,779.7	177,199.1	154,360.2	5,759.9	1.687%
2011	1	163,196.0	159,632.4	171,038.3	148,226.4	5,753.1	2.184%
2011	2	169,364.0	168,615.0	179,605.5	157,624.5	5,543.5	0.442%
2011	3	160,841.0	167,407.4	178,370.4	156,444.5	5,529.6	4.083%
2011	4	176,161.0	169,696.5	180,619.5	158,773.6	5,509.5	3.670%
2011	5	189,435.0	183,658.4	194,613.8	172,702.9	5,525.9	3.049%
2011	6	198,426.0	188,079.5	199,056.3	177,102.8	5,536.6	5.214%
2011	7	178,927.0	186,271.8	197,612.6	174,930.9	5,720.2	4.105%
2011	8	203,783.0	199,310.1	210,465.9	188,154.3	5,626.9	2.195%
2011	9	184,420.0	192,659.6	203,690.9	181,628.2	5,564.1	4.468%
2011	10	175,833.0	177,389.4	188,748.7	166,030.1	5,729.6	0.885%
2011	11	173,937.0	180,824.4	192,254.8	169,394.1	5,765.4	3.960%
2011	12	160,390.0	167,941.2	179,338.1	156,544.3	5,748.5	4.708%
2012	1	162,908.0	160,609.7	171,990.7	149,228.7	5,740.5	1.411%
2012	2	164,617.0	168,789.5	179,746.6	157,832.4	5,526.7	2.535%
2012	3	171,762.0	169,659.5	180,572.4	158,746.6	5,504.4	1.224%
2012	4	176,736.0	176,879.3	187,778.9	165,979.7	5,497.7	0.081%
2012	5	186,707.0	178,302.9	189,160.5	167,445.3	5,476.5	4.501%
2012	6	181,402.0	189,441.2	200,348.4	178,533.9	5,501.5	4.432%
2012	7	178,243.0	184,918.8	196,217.9	173,619.8	5,699.1	3.745%
2012	8	184,168.0	184,168.0	199,333.3	169,002.7	7,649.2	0.000%
2012	9	185,119.0	191,701.4	202,657.6	180,745.2	5,526.2	3.556%
2012	10	173,503.0	178,911.0	190,233.7	167,588.4	5,711.1	3.117%
2012	11	176,958.0	184,076.9	195,450.8	172,703.0	5,736.9	4.023%
2012	12	165,411.0	168,922.1	180,286.9	157,557.4	5,732.3	2.123%
2013	1	158,748.0	161,183.4	172,524.4	149,842.4	5,720.3	1.534%
2013	2	165,169.0	170,794.8	181,722.2	159,867.3	5,511.7	3.406%
2013	3	165,543.0	169,865.3	180,774.8	158,955.8	5,502.7	2.611%
2013	4	173,410.0	177,121.2	188,047.5	166,194.9	5,511.1	2.140%
2013	5	187,280.0	183,479.5	194,356.4	172,602.7	5,486.2	2.029%
2013	6	189,795.0	189,673.5	200,544.3	178,802.7	5,483.1	0.064%
2013	7	184,293.0	185,387.7	196,663.2	174,112.2	5,687.3	0.594%
2013	8	186,916.0	190,786.2	201,704.0	179,868.4	5,506.8	2.071%
2013	9	190,598.0	195,085.5	206,047.8	184,123.3	5,529.3	2.354%
2013	10	172,340.0	179,954.0	191,234.0	168,674.1	5,689.5	4.418%
2013	11	193,595.0	187,712.7	199,050.8	176,374.6	5,718.8	3.038%
2013	12	169,794.0	169,781.8	181,094.3	158,469.2	5,706.0	0.007%
2014	1	173,216.0	166,065.7	177,389.5	154,741.9	5,711.7	4.128%
2014	2	179,502.0	178,802.5	189,750.5	167,854.5	5,522.1	0.390%
2014	3	172,232.0	171,075.5	181,984.2	160,166.9	5,502.2	0.671%
2014	4	180,583.0	173,912.4	184,797.0	163,027.7	5,490.1	3.694%
2014	5	189,187.0	183,653.5	194,478.1	172,828.9	5,459.8	2.925%
2014	6	199,454.0	192,640.9	203,489.7	181,792.1	5,472.0	3.416%
2014	7	194,638.0	188,373.1	199,630.4	177,115.8	5,678.1	3.219%
2014	8	203,146.0	194,190.8	205,128.1	183,253.5	5,516.7	4.408%
2014	9	201,016.0	205,357.8	216,373.3	194,342.3	5,556.1	2.160%



Residual plot and coefficients are significant and correct sign

Use industrial MFG Employment ratio of January to Fall Moodys forecast times elasticity of 0.20 and apply to Ind_sales Forecast

MAPE			0.0218
Mean Abs. Dev. (MAD)			4,015
Days_B			75.26%
CDD_B_70			5.33%
IProdEmpM_L1			**20.90%**
Jan			-0.90%
Jul			-0.33%
Oct			-0.32%
Nov			0.30%
Dec			-0.50%
		44420	-0.06%
		44332	0.07%
		44516	0.07%
		44546	0.08%
		44213	-0.13%
		44244	0.06%
		44273	0.05%
		44304	-0.06%
		44215	-0.07%
		44396	-0.07%
		44367	-0.09%
		44550	0.06%
		44307	0.06%
Yr2021Plus			0.28%

2014	10	186,794.0	178,233.9	189,496.8	166,971.1	5,680.9	4.583%
2014	11	192,608.0	186,876.3	198,205.4	175,547.3	5,714.3	2.976%
2014	12	163,203.0	170,530.5	181,834.6	159,226.3	5,701.7	4.490%
2015	1	163,097.8	166,030.8	177,346.6	154,715.0	5,707.6	1.798%
2015	2	171,056.8	172,965.5	183,888.5	162,042.6	5,509.4	1.116%
2015	3	174,142.6	174,047.7	184,934.6	163,160.8	5,491.3	0.055%
2015	4	187,199.6	180,517.6	191,339.0	169,696.2	5,458.2	3.569%
2015	5	186,761.8	188,822.8	199,631.2	178,014.4	5,451.7	1.104%
2015	6	198,100.7	195,984.3	206,847.0	185,121.6	5,479.1	1.068%
2015	7	199,421.0	191,590.4	202,850.1	180,330.8	5,679.3	3.927%
2015	8	205,094.4	194,318.1	205,224.9	183,411.3	5,501.3	5.254%
2015	9	200,104.7	196,705.0	207,613.0	185,796.9	5,501.9	1.699%
2015	10	187,525.9	183,150.0	194,399.6	171,900.4	5,674.2	2.333%
2015	11	196,061.2	192,475.9	203,782.5	181,169.3	5,703.0	1.829%
2015	12	180,189.9	175,639.4	186,952.0	164,326.7	5,706.0	2.525%
2016	1	168,325.0	161,983.3	173,342.4	150,624.3	5,729.4	3.768%
2016	2	178,068.5	175,350.6	186,275.7	164,425.5	5,510.5	1.526%
2016	3	166,095.0	173,760.5	184,683.9	162,837.1	5,509.7	4.615%
2016	4	187,353.9	187,931.4	198,812.9	177,049.8	5,488.6	0.308%
2016	5	197,762.9	197,762.9	212,928.2	182,597.6	7,649.2	0.000%
2016	6	199,240.2	194,271.1	205,107.1	183,435.1	5,465.6	2.494%
2016	7	184,522.3	193,932.3	205,203.5	182,661.1	5,685.1	5.100%
2016	8	207,022.4	198,397.1	209,365.5	187,428.6	5,532.4	4.166%
2016	9	204,806.2	206,691.0	217,651.7	195,730.4	5,528.5	0.920%
2016	10	190,650.9	186,787.2	198,039.0	175,535.4	5,675.3	2.027%
2016	11	205,938.4	205,938.4	221,103.7	190,773.1	7,649.2	0.000%
2016	12	187,858.1	187,858.1	203,023.4	172,692.8	7,649.2	0.000%
2017	1	144,272.9	144,272.9	159,438.2	129,107.6	7,649.2	0.000%
2017	2	190,420.2	190,420.2	205,585.5	175,254.9	7,649.2	0.000%
2017	3	171,825.8	174,469.1	185,418.7	163,519.4	5,522.9	1.538%
2017	4	189,217.0	180,081.8	190,972.6	169,191.0	5,493.2	4.828%
2017	5	187,096.0	187,555.6	198,391.8	176,719.5	5,465.7	0.246%
2017	6	199,768.6	194,247.4	205,085.0	183,409.9	5,466.4	2.764%
2017	7	199,945.5	191,832.1	203,129.1	180,535.0	5,698.1	4.058%
2017	8	198,635.7	204,947.6	215,900.1	193,995.1	5,524.4	3.178%
2017	9	197,802.9	199,598.6	210,536.9	188,660.3	5,517.2	0.908%
2017	10	183,222.3	187,803.0	199,064.7	176,541.2	5,680.3	2.500%
2017	11	191,289.4	193,728.4	205,047.0	182,409.7	5,709.0	1.275%
2017	12	179,498.7	175,081.5	186,425.5	163,737.5	5,721.8	2.461%
2018	1	164,310.1	167,887.7	179,272.8	156,502.5	5,742.6	2.177%
2018	2	182,183.8	183,686.6	194,643.3	172,729.8	5,526.5	0.825%
2018	3	197,978.7	197,978.7	213,144.0	182,813.5	7,649.2	0.000%
2018	4	170,863.0	170,863.0	186,028.2	155,697.7	7,649.2	0.000%
2018	5	176,266.1	184,306.5	195,227.1	173,385.9	5,508.3	4.562%
2018	6	191,468.1	197,801.2	208,679.6	186,922.9	5,487.0	3.308%
2018	7	192,493.1	193,939.9	205,305.6	182,574.1	5,732.8	0.752%
2018	8	194,349.1	197,947.0	208,950.3	186,943.6	5,550.0	1.851%

2018	9	197,739.0	202,271.5	213,248.9	191,294.2	5,536.9	2.292%
2018	10	193,386.3	190,671.6	202,002.9	179,340.3	5,715.4	1.404%
2018	11	198,460.6	194,346.9	205,733.8	182,960.0	5,743.4	2.073%
2018	12	177,578.7	174,488.3	185,925.8	163,050.9	5,769.0	1.740%
2019	1	153,027.9	153,027.9	168,193.2	137,862.6	7,649.2	0.000%
2019	2	170,454.4	178,689.0	189,767.3	167,610.7	5,587.8	4.831%
2019	3	183,136.7	186,039.6	197,017.9	175,061.3	5,537.4	1.585%
2019	4	196,963.6	187,626.0	198,583.1	176,668.9	5,526.7	4.741%
2019	5	188,505.2	191,334.8	202,226.6	180,443.0	5,493.8	1.501%
2019	6	205,966.7	201,634.9	212,567.8	190,702.0	5,514.5	2.103%
2019	7	178,662.0	178,662.0	193,827.3	163,496.7	7,649.2	0.000%
2019	8	198,279.7	197,549.1	208,551.4	186,546.7	5,549.5	0.368%
2019	9	201,662.1	204,998.0	216,030.3	193,965.6	5,564.6	1.654%
2019	10	191,788.9	189,885.3	201,219.4	178,551.3	5,716.8	0.993%
2019	11	195,177.3	196,508.6	207,916.5	185,100.6	5,754.1	0.682%
2019	12	176,536.6	173,062.4	184,510.8	161,614.1	5,774.5	1.968%
2020	1	165,732.8	172,507.0	183,966.5	161,047.4	5,780.1	4.087%
2020	2	173,556.2	180,698.8	191,788.9	169,608.6	5,593.8	4.115%
2020	3	187,272.5	186,606.9	197,562.8	175,650.9	5,526.1	0.355%
2020	4	199,973.5	194,519.9	205,335.9	183,703.9	5,455.5	2.727%
2020	5	181,979.3	184,436.5	195,241.5	173,631.6	5,449.9	1.350%
2020	6	171,926.5	171,926.5	187,091.8	156,761.2	7,649.2	0.000%
2020	7	192,694.9	191,911.4	203,186.9	180,635.9	5,687.3	0.407%
2020	8	189,511.9	195,388.6	206,347.1	184,430.1	5,527.4	3.101%
2020	9	194,019.1	199,522.3	210,468.1	188,576.5	5,521.0	2.836%
2020	10	184,039.7	186,298.5	197,563.5	175,033.5	5,682.0	1.227%
2020	11	192,278.4	193,814.9	205,163.0	182,466.7	5,723.9	0.799%
2020	12	187,207.2	187,207.2	202,372.5	172,041.9	7,649.2	0.000%
2021	1	176,654.8	180,288.5	192,298.0	168,279.0	6,057.5	2.057%
2021	2	196,719.1	191,027.9	202,708.2	179,347.6	5,891.4	2.893%
2021	3	193,140.9	193,718.8	205,379.9	182,057.7	5,881.8	0.299%
2021	4	209,950.5	209,950.5	225,115.8	194,785.2	7,649.2	0.000%
2021	5	193,714.2	196,710.6	208,340.5	185,080.6	5,866.1	1.547%
2021	6	206,700.6	208,163.5	219,857.0	196,470.1	5,898.1	0.708%
2021	7	207,038.3	204,058.6	216,034.1	192,083.1	6,040.3	1.439%
2021	8		208,979.7	220,781.1	197,178.4	5,952.5	
2021	9		211,514.9	223,293.0	199,736.8	5,940.8	
2021	10		197,714.6	209,855.7	185,573.5	6,123.9	
2021	11		200,939.4	213,146.7	188,732.2	6,157.2	
2021	12		185,172.7	197,401.8	172,943.7	6,168.2	
2022	1		181,007.6	193,065.4	168,949.7	6,081.9	
2022	2		183,025.2	194,845.7	171,204.7	5,962.2	
2022	3		189,451.0	201,212.3	177,689.7	5,932.3	
2022	4		192,802.4	204,532.0	181,072.7	5,916.3	
2022	5		201,042.0	212,710.2	189,373.8	5,885.3	
2022	6		209,191.8	220,894.7	197,489.0	5,902.8	
2022	7		206,963.9	219,002.9	194,925.0	6,072.3	

2022	8	219,732.2	231,551.5	207,913.0	5,961.5
2022	9	213,675.9	225,497.5	201,854.4	5,962.7
2022	10	200,404.3	212,576.7	188,231.9	6,139.7
2022	11	205,752.8	217,977.1	193,528.6	6,165.8
2022	12	189,628.2	201,867.8	177,388.5	6,173.6
2023	1	182,294.5	194,383.1	170,206.0	6,097.4
2023	2	190,906.3	202,685.4	179,127.2	5,941.3
2023	3	190,057.0	201,842.9	178,271.0	5,944.7
2023	4	195,689.4	207,415.3	183,963.5	5,914.5
2023	5	199,184.5	210,885.0	187,483.9	5,901.7
2023	6	209,932.1	221,644.5	198,219.6	5,907.7
2023	7	207,610.1	219,658.2	195,562.0	6,077.0
2023	8	219,535.1	231,360.9	207,709.2	5,964.9
2023	9	214,185.2	226,012.3	202,358.1	5,965.5
2023	10	200,303.5	212,484.1	188,123.0	6,143.8
2023	11	206,601.2	218,827.1	194,375.4	6,166.6
2023	12	189,659.3	201,909.6	177,409.0	6,179.0
2024	1	174,820.5	187,024.3	162,616.7	6,155.5
2024	2	192,118.5	203,900.7	180,336.3	5,942.8
2024	3	190,296.8	202,095.6	178,497.9	5,951.2
2024	4	194,522.0	206,270.7	182,773.4	5,925.9
2024	5	200,140.1	211,838.9	188,441.4	5,900.7
2024	6	217,094.9	228,774.9	205,415.0	5,891.3
2024	7	207,203.1	219,261.7	195,144.4	6,082.3
2024	8	219,996.0	231,825.1	208,166.9	5,966.5
2024	9	215,162.8	226,991.2	203,334.4	5,966.2
2024	10	199,767.7	211,957.9	187,577.4	6,148.7
2024	11	206,892.4	219,121.2	194,663.5	6,168.1
2024	12	187,525.0	199,801.2	175,248.8	6,192.0
2025	1	191,056.7	203,083.8	179,029.6	6,066.3
2025	2	190,971.4	202,764.7	179,178.2	5,948.4
2025	3	190,298.0	202,094.1	178,501.9	5,949.9
2025	4	193,403.5	205,158.4	181,648.7	5,929.1
2025	5	202,174.5	213,855.4	190,493.6	5,891.7
2025	6	211,267.0	222,978.4	199,555.6	5,907.1
2025	7	206,614.2	218,671.7	194,556.6	6,081.7
2025	8	212,282.8	224,141.0	200,424.5	5,981.2
2025	9	222,651.7	234,451.6	210,851.8	5,951.8
2025	10	198,586.9	210,772.9	186,400.9	6,146.5
2025	11	206,751.8	218,968.6	194,535.0	6,162.1
2025	12	188,238.7	200,493.0	175,984.4	6,181.0
2026	1	182,978.0	195,060.6	170,895.4	6,094.4
2026	2	190,215.4	202,000.2	178,430.6	5,944.2
2026	3	189,991.9	201,774.5	178,209.3	5,943.0
2026	4	196,646.1	208,358.1	184,934.1	5,907.4
2026	5	198,746.4	210,445.2	187,047.5	5,900.8
2026	6	210,797.5	222,504.2	199,090.8	5,904.8

2026	7	206,603.1	218,648.6	194,557.5	6,075.7
2026	8	211,761.4	223,613.1	199,909.8	5,977.9
2026	9	213,270.8	225,090.0	201,451.6	5,961.5
2026	10	200,418.1	212,586.4	188,249.8	6,137.6
2026	11	205,687.9	217,907.5	193,468.3	6,163.5
2026	12	188,762.5	201,003.9	176,521.1	6,174.5
2027	1	184,836.3	196,893.1	172,779.5	6,081.4
2027	2	194,822.5	206,560.8	183,084.2	5,920.7
2027	3	196,243.0	207,966.8	184,519.2	5,913.4
2027	4	197,664.4	209,362.2	185,966.5	5,900.3
2027	5	197,828.8	209,533.2	186,124.5	5,903.6
2027	6	210,561.6	222,273.5	198,849.7	5,907.4
2027	7	207,624.2	219,657.6	195,590.7	6,069.6
2027	8	211,445.8	223,296.9	199,594.7	5,977.6
2027	9	213,542.9	225,353.8	201,732.1	5,957.3
2027	10	199,386.4	211,554.7	187,218.0	6,137.6
2027	11	202,316.7	214,555.3	190,078.1	6,173.0
2027	12	186,275.5	198,536.0	174,015.1	6,184.1
2028	1	166,977.1	179,275.9	154,678.3	6,203.4
2028	2	198,426.6	210,144.6	186,708.6	5,910.5
2028	3	189,770.8	201,545.8	177,995.8	5,939.2
2028	4	200,152.2	211,839.3	188,465.2	5,894.9
2028	5	200,516.4	212,192.4	188,840.5	5,889.3
2028	6	209,591.6	221,295.4	197,887.8	5,903.3
2028	7	214,821.3	226,810.5	202,832.1	6,047.2
2028	8	211,640.4	223,488.8	199,792.0	5,976.3
2028	9	221,878.3	233,676.1	210,080.4	5,950.8
2028	10	198,850.7	211,026.9	186,674.5	6,141.6
2028	11	202,601.5	214,843.5	190,359.5	6,174.8
2028	12	185,981.7	198,251.0	173,712.4	6,188.6
2029	1	181,963.9	194,051.4	169,876.4	6,096.8
2029	2	196,974.9	208,703.6	185,246.1	5,915.9
2029	3	196,382.9	208,109.5	184,656.2	5,914.8
2029	4	198,169.8	209,869.3	186,470.3	5,901.1
2029	5	197,458.0	209,172.5	185,743.4	5,908.7
2029	6	211,487.3	223,199.1	199,775.4	5,907.4
2029	7	207,021.0	219,066.6	194,975.4	6,075.7
2029	8	211,670.7	223,528.6	199,812.8	5,981.0
2029	9	214,823.5	226,635.7	203,011.3	5,958.0
2029	10	198,616.6	210,797.7	186,435.4	6,144.1
2029	11	203,512.8	215,750.6	191,275.1	6,172.6
2029	12	185,638.8	197,917.6	173,360.1	6,193.3
2030	1	181,617.0	193,713.8	169,520.2	6,101.5
2030	2	190,685.5	202,467.1	178,903.9	5,942.6
2030	3	196,469.9	208,200.3	184,739.5	5,916.7
2030	4	200,101.2	211,792.7	188,409.7	5,897.1
2030	5	202,604.9	214,279.2	190,930.5	5,888.4

2030	6	211,421.8	223,138.7	199,704.9	5,909.9
2030	7	207,140.8	219,190.3	195,091.2	6,077.7
2030	8	211,834.1	223,696.9	199,971.3	5,983.5
2030	9	215,163.6	226,976.7	203,350.5	5,958.4
2030	10	198,365.3	210,551.3	186,179.3	6,146.5
2030	11	202,588.7	214,838.0	190,339.3	6,178.5
2030	12	185,291.4	197,579.8	173,002.9	6,198.2
2031	1	183,099.4	195,186.1	171,012.8	6,096.4
2031	2	190,825.0	202,612.0	179,038.0	5,945.3
2031	3	190,187.0	201,978.2	178,395.9	5,947.4
2031	4	194,982.2	206,718.1	183,246.4	5,919.5
2031	5	200,487.1	212,180.7	188,793.4	5,898.2
2031	6	211,273.4	222,985.0	199,561.9	5,907.2
2031	7	206,662.9	218,722.2	194,603.5	6,082.6
2031	8	212,371.9	224,233.0	200,510.7	5,982.7
2031	9	222,775.9	234,577.1	210,974.7	5,952.4
2031	10	198,737.9	210,928.2	186,547.6	6,148.7
2031	11	206,925.5	219,146.3	194,704.7	6,164.1
2031	12	188,436.7	200,697.5	176,176.0	6,184.2
2032	1	183,205.5	195,296.0	171,115.0	6,098.4
2032	2	190,476.0	202,271.9	178,680.0	5,949.8
2032	3	190,264.7	202,060.4	178,469.1	5,949.6
2032	4	195,470.3	207,206.0	183,734.7	5,919.4
2032	5	199,976.5	211,677.4	188,275.5	5,901.9
2032	6	209,900.9	221,619.5	198,182.3	5,910.8
2032	7	207,447.5	219,501.8	195,393.3	6,080.1
2032	8	212,856.2	224,713.7	200,998.7	5,980.8
2032	9	213,809.5	225,643.2	201,975.7	5,968.9
2032	10	201,113.2	213,293.2	188,933.1	6,143.5
2032	11	203,747.7	216,003.9	191,491.5	6,181.9
2032	12	185,437.2	197,736.5	173,137.9	6,203.7
2033	1	189,502.3	201,540.4	177,464.2	6,071.9
2033	2	191,462.6	203,253.4	179,671.9	5,947.1
2033	3	190,365.6	202,165.5	178,565.7	5,951.8
2033	4	193,572.6	205,332.2	181,813.1	5,931.4
2033	5	201,719.1	213,408.0	190,030.3	5,895.8
2033	6	209,809.0	221,528.3	198,089.6	5,911.1
2033	7	207,534.1	219,592.6	195,475.5	6,082.2
2033	8	220,264.6	232,092.8	208,436.5	5,966.0
2033	9	214,180.9	226,016.6	202,345.2	5,969.8
2033	10	200,893.2	213,078.0	188,708.3	6,145.9
2033	11	206,232.2	218,468.9	193,995.5	6,172.1
2033	12	190,099.2	202,352.9	177,845.4	6,180.7
2034	1	182,753.4	194,858.9	170,647.9	6,105.9
2034	2	191,346.5	203,144.1	179,548.9	5,950.6
2034	3	190,471.8	202,276.5	178,667.2	5,954.1
2034	4	196,071.7	207,811.5	184,332.0	5,921.4

2034	5	199,531.8	211,245.4	187,818.2	5,908.2
2034	6	210,251.0	221,972.4	198,529.7	5,912.2
2034	7	207,912.4	219,971.2	195,853.5	6,082.4
2034	8	219,827.8	231,659.3	207,996.3	5,967.7
2034	9	214,467.6	226,302.8	202,632.4	5,969.6
2034	10	200,569.7	212,757.5	188,381.9	6,147.4
2034	11	206,846.0	219,078.2	194,613.9	6,169.8
2034	12	189,880.7	202,138.0	177,623.4	6,182.5
2035	1	182,560.0	194,669.8	170,450.3	6,108.0
2035	2	197,560.0	209,305.3	185,814.6	5,924.3
2035	3	196,958.9	208,703.2	185,214.6	5,923.7
2035	4	198,740.3	210,457.2	187,023.3	5,909.9
2035	5	198,025.1	209,763.2	186,287.0	5,920.6
2035	6	212,051.2	223,777.2	200,325.2	5,914.5
2035	7	207,580.2	219,645.9	195,514.6	6,085.8
2035	8	212,224.1	224,100.7	200,347.5	5,990.5
2035	9	215,370.8	227,197.3	203,544.2	5,965.2
2035	10	199,158.4	211,355.1	186,961.8	6,151.9
2035	11	204,049.7	216,303.6	191,795.8	6,180.8
2035	12	186,170.6	198,469.8	173,871.4	6,203.6
2036	1	182,143.3	194,260.6	170,026.1	6,111.9
2036	2	191,206.7	203,010.7	179,402.8	5,953.8
2036	3	191,930.3	203,723.6	180,136.9	5,948.5
2036	4	200,388.4	212,096.8	188,679.9	5,905.7
2036	5	193,962.6	205,746.6	182,178.7	5,943.7
2036	6	211,306.0	223,023.0	199,589.1	5,909.9
2036	7	206,692.7	218,768.1	194,617.2	6,090.8
2036	8	220,274.4	232,109.3	208,439.5	5,969.4
2036	9	223,115.9	234,921.3	211,310.4	5,954.6
2036	10	199,073.6	211,274.1	186,873.1	6,153.8
2036	11	206,331.4	218,568.0	194,094.8	6,172.0
2036	12	189,695.5	201,958.1	177,432.9	6,185.2
2037	1	183,532.7	195,635.3	171,430.0	6,104.5
2037	2	190,798.6	202,609.1	178,988.2	5,957.1
2037	3	190,602.7	202,412.9	178,792.6	5,956.9
2037	4	194,260.0	206,023.2	182,496.7	5,933.3
2037	5	202,432.1	214,126.7	190,737.5	5,898.7
2037	6	211,482.9	223,207.4	199,758.5	5,913.7
2037	7	207,309.0	219,380.3	195,237.8	6,088.6
2037	8	212,486.0	224,361.8	200,610.3	5,990.0
2037	9	214,013.3	225,854.0	202,172.5	5,972.4
2037	10	201,177.4	213,365.0	188,989.9	6,147.3
2037	11	206,463.0	218,702.5	194,223.5	6,173.5
2037	12	189,551.6	201,817.8	177,285.4	6,187.0
2038	1	185,637.2	197,719.0	173,555.5	6,093.9
2038	2	195,633.7	207,398.7	183,868.7	5,934.2
2038	3	197,062.9	208,811.9	185,314.0	5,926.1

2038	4	198,492.8	210,216.7	186,768.8	5,913.5
2038	5	198,666.7	210,405.1	186,928.4	5,920.7
2038	6	211,410.8	223,145.2	199,676.4	5,918.7
2038	7	208,487.0	220,549.9	196,424.1	6,084.4
2038	8	212,322.5	224,203.0	200,442.0	5,992.4
2038	9	214,431.4	226,266.9	202,595.8	5,969.8
2038	10	200,282.0	212,473.9	188,090.1	6,149.5
2038	11	203,215.6	215,482.5	190,948.7	6,187.3
2038	12	187,174.7	199,467.6	174,881.8	6,200.4
2039	1	175,415.0	187,635.5	163,194.5	6,163.9
2039	2	191,780.7	203,585.3	179,976.1	5,954.1
2039	3	190,678.5	202,493.2	178,863.9	5,959.2
2039	4	195,540.2	207,295.6	183,784.8	5,929.3
2039	5	200,368.3	212,083.6	188,653.1	5,909.1
2039	6	210,114.2	221,842.8	198,385.6	5,915.8
2039	7	207,837.1	219,907.1	195,767.1	6,088.0
2039	8	220,565.4	232,399.7	208,731.2	5,969.1
2039	9	214,479.9	226,324.9	202,634.9	5,974.5
2039	10	201,191.1	213,384.4	188,997.8	6,150.2
2039	11	206,529.2	218,774.5	194,284.0	6,176.4
2039	12	190,394.6	202,658.1	178,131.2	6,185.6
2040	1	183,502.0	195,613.7	171,390.3	6,109.1
2040	2	191,180.6	202,996.4	179,364.8	5,959.8
2040	3	190,739.7	202,558.4	178,921.0	5,961.3
2040	4	195,048.6	206,813.3	183,283.8	5,934.0
2040	5	200,794.0	212,507.9	189,080.2	5,908.4
2040	6	210,313.5	222,041.1	198,585.9	5,915.3
2040	7	207,879.1	219,951.9	195,806.3	6,089.4
2040	8	220,368.1	232,204.5	208,531.6	5,970.2
2040	9	214,874.4	226,721.6	203,027.1	5,975.6
2040	10	201,102.3	213,300.0	188,904.5	6,152.5
2040	11	206,319.0	218,570.9	194,067.0	6,179.8
2040	12	191,444.4	203,701.2	179,187.7	6,182.2
2041	1	189,277.7	201,333.5	177,222.0	6,080.8
2041	2	191,477.4	203,293.9	179,661.0	5,960.1
2041	3	197,257.8	209,013.8	185,501.9	5,929.6
2041	4	200,884.5	212,598.1	189,170.8	5,908.3
2041	5	203,382.5	215,082.4	191,682.6	5,901.3
2041	6	212,192.8	223,930.7	200,454.9	5,920.5
2041	7	207,903.8	219,982.0	195,825.7	6,092.1
2041	8	212,587.3	224,476.9	200,697.8	5,997.0
2041	9	215,904.1	227,737.4	204,070.7	5,968.7
2041	10	199,090.3	211,298.7	186,882.0	6,157.8
2041	11	203,296.5	215,569.7	191,023.4	6,190.5
2041	12	185,981.9	198,298.6	173,665.1	6,212.5
2042	1	183,773.9	195,885.9	171,661.8	6,109.2
2042	2	191,485.1	203,301.5	179,668.7	5,960.1

2042	3	190,835.8	202,657.3	179,014.2	5,962.7
2042	4	197,241.9	208,987.0	185,496.7	5,924.2
2042	5	199,496.8	211,231.3	187,762.3	5,918.8
2042	6	211,890.5	223,619.0	200,162.0	5,915.8
2042	7	207,262.6	219,345.3	195,179.8	6,094.4
2042	8	212,952.9	224,834.4	201,071.4	5,992.9
2042	9	223,341.8	235,150.6	211,533.0	5,956.3
2042	10	199,295.7	211,503.4	187,088.0	6,157.5
2042	11	207,479.6	219,714.6	195,244.5	6,171.3
2042	12	188,987.2	201,267.3	176,707.1	6,194.0
2043	1	183,749.5	195,860.6	171,638.3	6,108.8
2043	2	191,010.8	202,831.3	179,190.4	5,962.1
2043	3	190,808.5	202,628.6	178,988.4	5,962.0
2043	4	196,090.0	207,844.5	184,335.4	5,928.9
2043	5	200,988.1	212,705.4	189,270.7	5,910.1
2043	6	211,664.3	223,394.1	199,934.5	5,916.4
2043	7	207,486.3	219,564.5	195,408.0	6,092.2
2043	8	212,660.2	224,542.3	200,778.0	5,993.3
2043	9	214,182.4	226,028.7	202,336.1	5,975.2
2043	10	201,338.1	213,530.3	189,145.9	6,149.6
2043	11	206,614.2	218,858.1	194,370.2	6,175.8
2043	12	189,695.6	201,966.9	177,424.4	6,189.5
2044	1	176,413.6	188,624.6	164,202.7	6,159.1
2044	2	192,329.9	204,133.7	180,526.1	5,953.7
2044	3	190,750.0	202,569.3	178,930.7	5,961.6
2044	4	206,476.4	218,160.0	194,792.8	5,893.1
2044	5	196,010.2	207,780.0	184,240.4	5,936.6
2044	6	210,186.3	221,917.2	198,455.3	5,917.0
2044	7	207,899.5	219,972.0	195,827.0	6,089.3
2044	8	213,215.8	225,086.7	201,344.9	5,987.6
2044	9	221,924.4	233,740.9	210,107.8	5,960.2
2044	10	201,226.1	213,420.5	189,031.8	6,150.7
2044	11	204,040.4	216,311.5	191,769.4	6,189.4
2044	12	186,073.2	198,387.8	173,758.7	6,211.4
2045	1	189,930.9	201,979.6	177,882.2	6,077.3
2045	2	191,653.7	203,465.1	179,842.2	5,957.6
2045	3	190,773.1	202,592.1	178,954.1	5,961.4
2045	4	196,367.7	208,119.0	184,616.5	5,927.2
2045	5	199,824.1	211,549.4	188,098.7	5,914.2
2045	6	210,542.2	222,272.5	198,811.9	5,916.7
2045	7	208,205.0	220,274.9	196,135.1	6,088.0
2045	8	220,121.8	231,959.6	208,283.9	5,970.9
2045	9	214,759.0	226,603.2	202,914.7	5,974.1
2045	10	200,852.5	213,048.7	188,656.4	6,151.6
2045	11	207,117.5	219,357.2	194,877.8	6,173.6
2045	12	190,142.6	202,408.7	177,876.5	6,186.9
2046	1	182,817.3	194,937.5	170,697.2	6,113.3

2046	2	197,815.5	209,568.9	186,062.1	5,928.3
2046	3	197,212.2	208,965.1	185,459.2	5,928.1
2046	4	198,988.3	210,713.6	187,263.0	5,914.2
2046	5	198,265.1	210,014.0	186,516.3	5,926.0
2046	6	212,282.3	224,014.8	200,549.8	5,917.8
2046	7	207,802.7	219,877.0	195,728.5	6,090.2
2046	8	212,438.1	224,322.6	200,553.6	5,994.5
2046	9	215,575.8	227,408.4	203,743.2	5,968.3
2046	10	199,354.2	211,557.1	187,151.3	6,155.0
2046	11	204,237.1	216,497.2	191,977.0	6,183.9
2046	12	186,352.5	198,659.2	174,045.7	6,207.4
2047	1	182,323.0	194,447.7	170,198.2	6,115.6
2047	2	191,384.6	203,196.7	179,572.5	5,957.9
2047	3	197,160.2	208,912.7	185,407.7	5,927.9
2047	4	200,778.6	212,489.0	189,068.2	5,906.6
2047	5	203,266.1	214,961.8	191,570.3	5,899.2
2047	6	212,066.4	223,800.5	200,332.3	5,918.6
2047	7	207,770.0	219,842.8	195,697.2	6,089.4
2047	8	212,448.6	224,332.9	200,564.4	5,994.3
2047	9	215,762.2	227,591.4	203,933.1	5,966.5
2047	10	198,946.5	211,150.1	186,743.0	6,155.4
2047	11	203,151.1	215,419.1	190,883.2	6,187.9
2047	12	185,834.4	198,144.8	173,524.0	6,209.3
2048	1	183,623.4	195,729.4	171,517.3	6,106.2
2048	2	191,330.4	203,139.6	179,521.2	5,956.5
2048	3	197,075.5	208,826.2	185,324.8	5,927.0
2048	4	203,039.6	214,733.2	191,346.0	5,898.2
2048	5	200,956.3	212,670.4	189,242.3	5,908.5
2048	6	211,593.9	223,325.8	199,862.0	5,917.5
2048	7	208,210.3	220,275.6	196,144.9	6,085.7
2048	8	211,804.6	223,688.9	199,920.4	5,994.3
2048	9	214,171.1	226,008.0	202,334.1	5,970.5
2048	10	200,610.5	212,799.5	188,421.5	6,148.0
2048	11	203,260.8	215,526.0	190,995.7	6,186.4
2048	12	185,779.7	198,086.8	173,472.7	6,207.6
2049	1	185,609.3	197,690.0	173,528.5	6,093.5
2049	2	195,598.3	207,362.1	183,834.6	5,933.5
2049	3	197,019.6	208,767.1	185,272.1	5,925.3
2049	4	198,439.3	210,161.4	186,717.2	5,912.5
2049	5	198,601.6	210,337.1	186,866.1	5,919.3
2049	6	211,334.9	223,067.0	199,602.8	5,917.6
2049	7	208,402.3	220,462.0	196,342.6	6,082.8
2049	8	212,230.0	224,107.1	200,352.9	5,990.7
2049	9	214,329.8	226,162.2	202,497.4	5,968.2
2049	10	200,169.2	212,357.8	187,980.6	6,147.8
2049	11	203,090.0	215,352.6	190,827.4	6,185.2
2049	12	187,036.5	199,324.0	174,749.0	6,197.7

2050	1	175,265.4	187,477.6	163,053.1	6,159.7
2050	2	191,619.4	203,416.9	179,822.0	5,950.5
2050	3	190,504.5	202,310.9	178,698.2	5,955.0
2050	4	195,350.7	207,098.5	183,603.0	5,925.5
2050	5	200,161.4	211,868.7	188,454.0	5,905.1
2050	6	209,889.8	221,611.6	198,168.1	5,912.3
2050	7	207,596.8	219,657.7	195,536.0	6,083.4
2050	8	220,310.5	232,139.6	208,481.5	5,966.5
2050	9	214,210.5	226,047.1	202,373.9	5,970.3
2050	10	200,907.1	213,092.4	188,721.9	6,146.1
2050	11	206,230.6	218,467.2	193,993.9	6,172.1
2050	12	190,081.4	202,334.6	177,828.2	6,180.4

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Variable	Coefficient	Mean	Elast	Units	Definition
Days_B	4557.908	30.475	0.753		
CDD_B_70	58.633	167.882	0.053		
IProdEmpM_L1	429.193	89.874	0.209		FL Ind Prod & Manuf Empl Interaction - Lag 1
Jan	-19398.456	0.086	-0.009		
Jul	-7190.350	0.086	-0.003		
Oct	-7475.914	0.078	-0.003		
Nov	6992.836	0.078	0.003		
Dec	-10761.467	0.086	-0.005		
44420	-14106.447	0.008	-0.001		
44332	16300.724	0.008	0.001		
44516	17639.084	0.008	0.001		
44546	17992.661	0.008	0.001		
44213	-30327.420	0.008	-0.001		
44244	14824.172	0.008	0.001		
44273	12978.757	0.008	0.001		
44304	-13477.724	0.008	-0.001		
44215	-16609.470	0.008	-0.001		
44396	-17084.316	0.008	-0.001		
44367	-20622.908	0.008	-0.001		
44550	14782.833	0.008	0.001		
44307	14477.235	0.008	0.001		
Yr2021Plus	9567.571	0.055	0.003		

Year	Month	SALES_B_OPA	HDD_B_55	CDD_B_65	RGSP_Gov	BM_Jun	BM_Jul	BM_Aug	Yr2020gtJun	11-Aug	12-Feb	12-Dec	15-Jul	15-Aug	17-Jan	18-May	20-Apr	20-May	20-Jun	21-May	21-Jun	XMissing	YMissing
2010	12	254,063	46.20	70.75	101.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	1	249,964	121.58	4.33	99.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	235,797	45.98	8.67	99.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	242,331	8.55	62.72	101.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	249,133	0.00	153.83	103.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	278,144	0.00	324.26	103.96	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	285,758	0.00	421.13	102.26	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	279,832	0.00	509.57	99.42	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	275,331	0.00	550.38	97.52	0.00	0.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	306,650	0.00	510.21	97.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	293,527	0.00	397.89	99.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	258,374	0.00	166.38	101.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	249,290	0.76	100.25	101.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	238,826	25.62	40.57	100.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	262,767	19.51	36.86	99.49	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	247,014	10.31	114.86	99.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	261,816	0.00	225.69	99.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	264,551	0.00	260.02	100.51	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	281,720	0.00	414.15	100.58	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	270,378	0.00	463.06	100.31	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	286,097	0.00	518.30	99.93	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	306,133	0.00	476.04	99.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	283,948	0.00	413.91	99.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	269,490	0.00	217.65	99.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	247,264	0.00	50.52	99.29	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	234,503	17.43	58.78	99.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	234,951	4.78	58.51	98.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	234,437	22.60	60.88	98.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	238,643	9.84	105.34	98.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	263,523	0.20	263.35	98.14	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	281,501	0.00	386.99	97.88	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	268,194	0.00	466.59	97.68	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	278,910	0.00	479.65	97.59	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	310,561	0.00	504.38	97.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	288,674	0.00	421.17	97.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	265,612	0.00	262.31	97.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	252,673	3.83	143.64	97.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	239,490	24.89	77.09	97.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	242,250	55.95	33.48	97.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	232,823	2.66	54.10	97.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	235,774	0.39	107.66	97.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	266,089	0.00	264.79	97.49	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	279,871	0.00	413.41	96.97	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	262,816	0.00	492.30	96.30	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	292,322	0.00	512.14	95.95	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	310,713	0.00	544.43	96.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	10	285,271	0.00	371.24	96.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	11	267,967	2.66	187.08	96.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	244,478	16.51	69.14	96.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	241,082	12.66	63.13	95.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	236,431	17.59	11.82	94.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	237,810	23.28	85.92	95.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	253,809	0.00	235.96	96.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	270,075	0.00	352.32	96.57	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	285,542	0.00	453.49	95.97	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	212,315	0.00	519.83	94.99	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	346,657	0.00	490.87	94.60	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	315,201	0.00	496.16	95.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	293,299	0.00	406.55	96.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	281,436	0.00	318.16	97.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	258,768	0.00	198.93	96.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	246,535	7.10	143.67	94.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	226,217	45.68	24.68	94.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	232,995	10.64	52.15	94.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	246,321	0.24	179.45	96.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	264,303	0.00	260.70	98.20	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	275,516	0.00	420.11	98.96	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	278,843	0.00	534.59	98.91	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	296,810	0.00	532.08	98.34	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	315,676	0.00	543.80	97.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	290,401	0.00	454.73	96.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	275,836	0.00	253.73	96.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	244,847	0.00	96.25	96.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	237,630	15.49	118.04	97.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	240,129	21.35	61.15	97.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	230,511	4.14	89.41	97.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	250,089	4.32	168.24	96.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	259,698	0.00	294.05	96.70	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	282,944	0.00	389.46	97.49	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	277,959	0.00	473.75	98.69	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	282,789	0.00	535.38	99.62	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	307,699	0.00	511.43	99.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	291,183	0.00	463.28	99.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	11	270,184	1.08	263.62	99.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	246,047	6.16	96.73	99.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	238,443	59.29	45.24	99.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	245,731	40.55	56.55	99.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	250,460	0.19	148.64	99.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	244,099	0.10	142.84	98.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	250,604	0.00	274.98	98.82	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	273,365	0.00	408.59	99.11	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	278,486	0.00	483.11	99.62	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	281,839	0.00	484.65	99.98	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	314,573	0.00	499.21	99.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	300,496	0.00	486.95	99.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	276,520	0.00	294.88	99.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	252,569	12.31	111.37	99.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	232,909	14.04	61.71	99.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	231,527	30.18	34.06	99.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	247,523	3.63	138.61	99.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	249,812	0.95	140.38	100.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	268,657	0.00	305.27	100.19	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	290,150	0.00	473.28	100.27	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	281,892	0.00	511.35	100.36	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	287,765	0.00	473.99	100.49	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	317,552	0.00	537.78	100.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	292,767	0.00	475.55	100.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	280,444	0.31	350.85	101.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	244,688	3.84	85.50	101.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	244,244	3.51	116.90	101.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	243,461	13.08	85.85	100.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	3	247,681	1.21	143.91	99.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	243,352	0.06	312.72	97.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2020	5	219,602	0.00	316.81	96.27	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2020	6	232,979	0.00	439.08	96.54	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2020	7	278,672	0.00	550.39	97.60	0.00	0.50	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	273,959	0.00	528.49	98.63	0.00	0.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	294,567	0.00	519.19	99.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	285,813	0.00	427.57	98.73	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	273,406	0.00	336.72	98.08	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	240,953	14.71	132.93	97.33	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	1	238,411	40.40	27.33	97.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	2	232,878	22.28	44.29	97.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	3	243,994	3.07	105.32	99.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	4	251,137	0.00	171.52	102.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	5	262,362	0.00	317.21	104.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2021	6	272,704	0.00	435.70	105.90	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	7	274,440	0.00	482.88	106.50	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	8		0.00	506.13	106.82	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	9		0.00	498.41	107.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	10		0.00	413.49	107.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	11		0.15	233.41	108.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	12		6.33	87.16	108.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	1		51.20	48.60	108.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	2		25.16	16.82	109.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	3		14.36	61.92	109.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	4		2.01	134.85	109.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	5		0.00	263.88	109.38	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	6		0.00	405.18	109.40	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	7		0.00	489.37	109.41	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2022	8	0.00	529.14	109.42	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	9	0.00	501.60	109.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	10	0.00	424.10	109.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	11	0.12	250.84	109.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	12	5.25	95.10	109.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	1	50.30	49.44	109.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	2	27.74	18.89	109.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	3	13.81	62.49	109.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	4	1.99	139.83	110.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	5	0.00	262.00	110.37	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	6	0.00	407.79	110.58	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	7	0.00	490.95	110.79	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	8	0.00	527.90	111.01	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	9	0.00	501.92	111.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	10	0.00	421.41	111.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	11	0.14	248.67	111.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	12	5.24	93.38	112.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	1	47.77	47.14	112.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	2	29.74	19.47	112.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	3	14.15	60.32	112.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	4	2.27	129.45	112.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	5	0.00	254.98	113.11	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	6	0.00	421.42	113.32	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	7	0.00	488.45	113.54	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	8	0.00	529.34	113.76	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	9	0.00	505.00	113.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	10	0.00	420.73	114.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	11	0.13	252.67	114.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	12	4.45	96.00	114.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	1	52.48	50.47	114.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	2	27.20	18.91	115.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	3	13.48	64.51	115.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	4	1.48	140.36	115.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	5	0.00	271.90	115.63	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	6	0.00	415.28	115.83	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	7	0.00	488.53	116.04	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	8	0.00	506.70	116.25	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	9	0.00	527.59	116.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	10	0.00	412.23	116.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	11	0.16	240.90	116.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	12	5.88	90.23	117.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	1	52.27	47.35	117.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	2	26.02	18.99	117.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	3	13.45	64.87	117.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	4	1.44	146.37	117.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	5	0.00	270.58	118.16	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	6	0.00	415.78	118.37	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2026	7	0.00	489.44	118.57	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	8	0.00	505.98	118.77	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	9	0.00	499.24	118.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	10	0.00	422.26	119.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	11	0.13	247.12	119.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	12	5.35	93.47	119.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	1	51.86	48.85	119.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	2	27.07	20.45	119.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	3	13.69	69.10	120.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	4	1.11	155.02	120.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	5	0.00	277.16	120.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	6	0.00	421.19	120.73	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	7	0.00	494.27	120.94	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	8	0.00	506.13	121.16	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	9	0.00	498.41	121.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	10	0.00	413.49	121.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	11	0.15	233.41	121.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	12	6.33	87.16	122.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	1	45.09	44.76	122.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	2	31.27	20.66	122.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	3	14.16	61.52	122.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	4	2.30	140.39	122.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	5	0.00	264.65	123.06	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	6	0.00	407.79	123.28	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	7	0.00	514.34	123.49	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	8	0.00	504.52	123.71	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	9	0.00	526.17	123.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	10	0.00	413.44	124.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	11	0.14	237.10	124.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	12	5.23	88.68	124.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	1	50.83	49.16	124.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	2	28.50	20.34	124.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	3	13.24	69.70	125.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	4	1.27	152.63	125.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	5	0.00	276.22	125.62	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	6	0.00	423.62	125.83	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	7	0.00	491.86	126.04	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	8	0.00	506.51	126.26	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	9	0.00	501.87	126.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	10	0.00	410.88	126.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	11	0.16	234.39	126.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	12	5.66	88.03	127.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	1	50.67	48.04	127.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	2	27.54	18.61	127.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	3	13.84	68.04	127.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	4	1.34	152.99	127.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	5	0.00	284.55	128.19	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2030	6	0.00	424.18	128.40	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	7	0.00	491.95	128.61	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	8	0.00	507.36	128.82	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	9	0.00	502.11	129.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	10	0.00	408.23	129.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	11	0.16	231.39	129.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	12	5.49	87.44	129.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	1	51.40	47.41	129.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	2	27.20	18.91	130.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	3	13.48	64.51	130.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	4	1.48	142.84	130.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	5	0.00	269.41	130.68	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	6	0.00	415.28	130.88	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	7	0.00	488.53	131.09	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	8	0.00	506.70	131.29	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	9	0.00	527.59	131.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	10	0.00	412.23	131.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	11	0.16	240.90	131.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	12	5.88	90.23	132.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	1	52.27	47.35	132.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	2	26.02	18.99	132.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	3	13.25	63.99	132.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	4	1.73	141.35	132.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	5	0.00	266.23	133.17	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	6	0.00	408.75	133.39	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	7	0.00	489.95	133.60	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	8	0.00	506.71	133.82	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	9	0.00	500.98	134.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	10	0.00	426.30	134.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	11	0.09	252.64	134.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	12	4.53	94.96	134.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	1	50.01	52.57	134.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	2	28.21	18.64	135.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	3	14.36	61.92	135.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	4	2.01	134.85	135.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	5	0.00	263.88	135.77	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	6	0.00	405.18	135.98	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	7	0.00	489.37	136.19	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	8	0.00	529.14	136.40	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	9	0.00	501.60	136.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	10	0.00	424.10	136.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	11	0.12	250.84	137.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	12	5.25	95.10	137.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	1	50.30	49.44	137.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	2	27.74	18.89	137.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	3	13.81	62.49	137.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	4	1.99	139.83	138.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2034	5	0.00	262.00	138.26	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	6	0.00	407.79	138.47	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	7	0.00	490.95	138.67	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	8	0.00	527.90	138.88	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	9	0.00	501.92	139.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	10	0.00	421.41	139.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	11	0.14	248.67	139.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	12	5.24	93.38	139.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	1	50.83	49.16	139.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	2	28.50	20.34	140.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	3	13.24	69.70	140.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	4	1.27	152.63	140.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	5	0.00	276.22	140.74	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	6	0.00	423.62	140.94	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	7	0.00	491.86	141.14	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	8	0.00	506.51	141.35	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	9	0.00	501.87	141.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	10	0.00	410.88	141.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	11	0.16	234.39	141.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	12	5.66	88.03	142.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	1	50.67	48.04	142.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	2	27.54	18.61	142.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	3	13.49	64.94	142.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	4	1.79	144.89	142.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	5	0.00	253.73	143.11	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	6	0.00	409.53	143.31	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	7	0.00	486.59	143.50	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	8	0.00	530.08	143.70	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	9	0.00	527.59	143.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	10	0.00	412.23	144.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	11	0.16	239.81	144.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	12	5.88	91.32	144.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	1	52.27	47.35	144.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	2	26.02	18.99	144.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	3	13.45	64.87	145.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	4	1.44	143.21	145.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	5	0.00	273.74	145.39	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	6	0.00	415.78	145.57	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	7	0.00	489.44	145.76	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	8	0.00	505.98	145.95	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	9	0.00	499.24	146.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	10	0.00	422.26	146.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	11	0.13	247.12	146.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	12	5.35	93.47	146.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	1	51.86	48.85	146.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	2	27.07	20.45	147.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	3	13.69	69.10	147.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2038	4	1.11	155.02	147.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	5	0.00	277.16	147.60	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	6	0.00	421.19	147.78	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	7	0.00	494.27	147.96	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	8	0.00	506.13	148.14	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	9	0.00	498.41	148.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	10	0.00	413.49	148.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	11	0.15	233.41	148.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	12	6.33	87.16	148.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	1	48.15	46.78	149.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	2	28.21	18.64	149.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	3	14.36	61.92	149.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	4	2.01	137.55	149.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	5	0.00	261.18	149.73	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	6	0.00	405.18	149.91	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	7	0.00	489.37	150.08	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	8	0.00	529.14	150.26	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	9	0.00	501.60	150.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	10	0.00	424.10	150.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	11	0.12	250.84	150.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	12	5.25	95.10	150.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	1	50.44	49.44	151.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	2	27.60	18.89	151.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	3	13.71	62.04	151.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	4	2.19	132.92	151.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	5	0.00	259.86	151.82	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	6	0.00	403.86	151.99	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	7	0.00	488.85	152.16	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	8	0.00	528.17	152.34	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	9	0.00	503.44	152.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	10	0.00	425.01	152.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	11	0.13	254.08	152.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	12	4.62	98.40	153.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	1	51.75	50.90	153.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	2	27.54	18.61	153.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	3	13.84	68.04	153.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	4	1.34	152.99	153.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	5	0.00	284.55	153.91	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	6	0.00	424.18	154.09	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	7	0.00	491.95	154.26	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	8	0.00	507.36	154.44	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	9	0.00	502.11	154.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	10	0.00	408.23	154.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	11	0.16	231.39	154.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	12	5.49	87.44	155.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	1	51.40	47.41	155.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	2	27.20	18.91	155.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2042	3	13.48	64.51	155.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	4	1.48	144.57	155.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	5	0.00	267.68	156.06	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	6	0.00	415.28	156.24	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	7	0.00	488.53	156.42	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	8	0.00	506.70	156.60	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	9	0.00	527.59	156.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	10	0.00	412.23	156.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	11	0.16	240.90	157.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	12	5.88	90.23	157.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	1	52.27	47.35	157.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	2	26.02	18.99	157.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	3	13.45	64.87	157.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	4	1.44	144.83	158.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	5	0.00	272.11	158.24	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	6	0.00	415.78	158.42	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	7	0.00	489.44	158.60	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	8	0.00	505.98	158.79	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	9	0.00	499.24	158.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	10	0.00	422.26	159.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	11	0.13	247.12	159.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	12	5.35	93.47	159.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	1	48.47	46.68	159.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	2	28.64	19.10	159.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	3	14.38	60.94	160.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	4	2.33	146.17	160.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	5	0.00	255.75	160.42	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	6	0.00	405.18	160.60	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	7	0.00	489.37	160.78	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	8	0.00	504.73	160.97	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	9	0.00	526.00	161.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	10	0.00	424.10	161.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	11	0.09	249.38	161.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	12	4.64	93.71	161.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	1	50.94	52.30	161.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	2	27.74	18.89	162.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	3	13.81	62.49	162.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	4	1.99	139.83	162.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	5	0.00	262.00	162.60	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	6	0.00	407.79	162.78	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	7	0.00	490.95	162.97	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	8	0.00	527.90	163.15	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	9	0.00	501.92	163.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	10	0.00	421.41	163.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	11	0.14	248.67	163.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	12	5.24	93.38	163.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	1	50.83	49.16	164.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2046	2	28.50	20.34	164.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	3	13.24	69.70	164.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	4	1.27	152.63	164.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	5	0.00	276.22	164.77	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	6	0.00	423.62	164.95	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	7	0.00	491.86	165.13	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	8	0.00	506.51	165.31	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	9	0.00	501.87	165.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	10	0.00	410.88	165.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	11	0.16	234.39	165.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	12	5.66	88.03	166.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	1	50.67	48.04	166.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	2	27.54	18.61	166.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	3	13.84	68.04	166.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	4	1.34	152.99	166.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	5	0.00	284.55	166.92	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	6	0.00	424.18	167.09	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	7	0.00	491.95	167.27	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	8	0.00	507.36	167.45	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	9	0.00	502.11	167.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	10	0.00	408.23	167.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	11	0.16	231.39	167.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	12	5.49	87.44	168.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	1	51.40	47.41	168.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	2	27.20	18.91	168.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	3	13.61	67.51	168.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	4	1.43	154.96	168.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	5	0.00	278.65	169.01	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	6	0.00	420.49	169.19	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	7	0.00	493.18	169.36	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	8	0.00	504.73	169.54	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	9	0.00	497.98	169.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	10	0.00	416.14	169.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	11	0.14	235.59	170.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	12	5.35	88.37	170.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	1	51.86	48.85	170.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	2	27.07	20.45	170.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	3	13.69	69.10	170.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	4	1.11	155.02	170.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	5	0.00	277.16	171.12	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	6	0.00	421.19	171.30	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	7	0.00	494.27	171.47	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	8	0.00	506.13	171.65	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	9	0.00	498.41	171.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	10	0.00	413.49	172.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	11	0.15	233.41	172.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	12	6.33	87.16	172.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2050	1	48.15	46.78	172.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	2	28.21	18.64	172.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	3	14.36	61.92	172.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	4	2.01	137.55	173.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	5	0.00	261.18	173.26	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	6	0.00	405.18	173.43	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	7	0.00	489.37	173.61	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	8	0.00	529.14	173.79	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	9	0.00	501.60	173.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	10	0.00	424.10	174.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	11	0.12	250.84	174.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	12	5.25	95.10	174.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
SALES_B_OPA	128	264,697.8	24,849.3	212,315.0	346,657.0	0.455	2.801	4.6	9.91E-02	1.000		EDB Adj
HDD_B_55	128	6.8	15.9	0.0	121.6	3.999	24.239	2747.0	0.00E+00	-0.401		
CDD_B_65	128	281.0	181.5	4.3	550.4	0.013	1.447	12.9	1.60E-03	0.809		
RGSP_Gov	128	98.7	2.2	94.2	106.5	0.667	4.282	18.3	1.08E-04	0.095		
BM_Jun	128	0.1	0.2	0.0	0.5	1.739	4.026	70.2	5.55E-16	0.072		
BM_Jul	128	0.1	0.2	0.0	0.5	1.739	4.026	70.2	5.55E-16	0.153		
BM_Aug	128	0.1	0.2	0.0	0.5	1.814	4.291	79.1	0.00E+00	0.262		
Yr2020gtJun	128	0.0	0.2	0.0	1.0	4.287	19.383	1823.6	0.00E+00	0.088		
44419	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.038		
44239	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.007		
44542	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.062		
44392	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.188		
44423	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.294		
44213	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.097		
44334	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.051		
44306	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.077		
44336	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.162		
44367	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.114		
44337	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.008		
44368	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.029		

	SALES_B_OPA	HDD_B_55	CDD_B_65	RGSP_Gov	BM_Jun	BM_Jul	BM_Aug	Yr2020gtJun	11-Aug	12-Feb	12-Dec	15-Jul	15-Aug	17-Jan	18-May	20-Apr	20-May	20-Jun	21-May	21-Jun
SALES_B_OPA	1.000	-0.401	0.809	0.095	0.072	0.153	0.262	0.088	0.038	-0.007	-0.062	-0.188	0.294	-0.097	-0.051	-0.077	-0.162	-0.114	-0.008	0.029
HDD_B_55	-0.401	1.000	-0.548	-0.038	-0.196	-0.196	-0.190	-0.061	-0.038	0.071	-0.038	-0.038	-0.038	0.048	-0.038	-0.038	-0.038	-0.038	-0.038	-0.038
CDD_B_65	0.809	-0.548	1.000	0.051	0.196	0.454	0.548	0.165	0.132	-0.120	-0.113	0.117	0.103	-0.080	-0.003	0.016	0.018	0.078	0.018	0.076
RGSP_Gov	0.095	-0.038	0.051	1.000	0.121	0.111	0.010	-0.045	-0.047	0.034	0.025	-0.150	-0.166	-0.054	0.006	-0.057	-0.098	-0.087	0.240	0.296
BM_Jun	0.072	-0.196	0.196	0.121	1.000	0.396	-0.202	-0.101	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	0.195	-0.040	0.195	0.195	0.195	0.195
BM_Jul	0.153	-0.196	0.454	0.111	0.396	1.000	0.413	-0.003	-0.040	-0.040	-0.040	0.195	-0.040	-0.040	-0.040	-0.040	-0.040	0.195	-0.040	0.195
BM_Aug	0.262	-0.190	0.548	0.010	-0.202	0.413	1.000	0.101	0.200	-0.039	-0.039	0.200	0.200	-0.039	-0.039	-0.039	-0.039	-0.039	-0.039	-0.039
Yr2020gtJun	0.088	-0.061	0.165	-0.045	-0.101	-0.003	0.101	1.000	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020	-0.020
44419	0.038	-0.038	0.132	-0.047	-0.040	-0.040	0.200	-0.020	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44239	-0.007	0.071	-0.120	0.034	-0.040	-0.040	-0.039	-0.020	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44542	-0.062	-0.038	-0.113	0.025	-0.040	-0.040	-0.039	-0.020	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44392	-0.188	-0.038	0.117	-0.150	-0.040	0.195	0.200	-0.020	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44423	0.294	-0.038	0.103	-0.166	-0.040	-0.040	0.200	-0.020	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44213	-0.097	0.048	-0.080	-0.054	-0.040	-0.040	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008
44334	-0.051	-0.038	-0.003	0.006	0.195	-0.040	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008
44306	-0.077	-0.038	0.016	-0.057	-0.040	-0.040	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008
44336	-0.162	-0.038	0.018	-0.098	0.195	-0.040	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008
44367	-0.114	-0.038	0.078	-0.087	0.195	0.195	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008
44337	-0.008	-0.038	0.018	0.240	0.195	-0.040	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008
44368	0.029	-0.038	0.076	0.296	0.195	0.195	-0.039	-0.020	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CONST	181108.575	23633.331	7.663	0.00%		Constant term
Weather_MonthlyStats_B_Filled.HDD_B_55	172.407	35.115	4.910	0.00%		
Weather_MonthlyStats_B_Filled.CDD_B_65	160.935	3.918	41.071	0.00%		
MECON_BASE.RGSP_Gov	452.277	239.667	1.887	6.18%		
mCALENDAR.BM_Jun	-9991.382	3425.020	-2.917	0.43%		
mCALENDAR.BM_Jul	-14556.598	3520.913	-4.134	0.01%		
mCALENDAR.BM_Aug	-44107.606	3750.200	-11.761	0.00%		
MBin.Yr2020gtJun	-9761.539	2217.233	-4.403	0.00%		
MBin.Aug11	-16407.359	5399.095	-3.039	0.30%		
MBin.Feb12	27363.573	5206.812	5.255	0.00%		
MBin.Dec12	13118.525	5243.655	2.502	1.39%		
MBin.Jul15	-66079.197	5444.583	-12.137	0.00%		
MBin.Aug15	65819.853	5482.998	12.004	0.00%		
MBin.Jan17	-9176.971	5186.193	-1.770	7.96%		
MBin.May18	-14455.557	5371.025	-2.691	0.82%		
MBin.Apr20	-32088.277	5195.483	-6.176	0.00%		
MBin.May20	-51036.782	5399.644	-9.452	0.00%		
MBin.Jun20	-50179.424	5387.978	-9.313	0.00%		
MBin.May21	-12078.828	5543.923	-2.179	3.15%		
MBin.Jun21	-14144.880	5599.656	-2.526	1.30%		

Model Statistics	
Iterations	1
Adjusted Observations	128
Deg. of Freedom for Error	108
R-Squared	0.964
Adjusted R-Squared	0.957
AIC	17.23
BIC	17.68
F-Statistic	150.667
Prob (F-Statistic)	0.0000
Log-Likelihood	-1,264.43
Model Sum of Squares	75,569,950,143.36
Sum of Squared Errors	2,851,034,479.94
Mean Squared Error	26,398,467.41
Std. Error of Regression	5,137.94
Mean Abs. Dev. (MAD)	3,653.63
Mean Abs. % Err. (MAPE)	1.38%
Durbin-Watson Statistic	2.005
Durbin-H Statistic	#NA
Ljung-Box Statistic	53.31
Prob (Ljung-Box)	0.0005
Skewness	-0.064
Kurtosis	2.908
Jarque-Bera	0.132
Prob (Jarque-Bera)	0.9362

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

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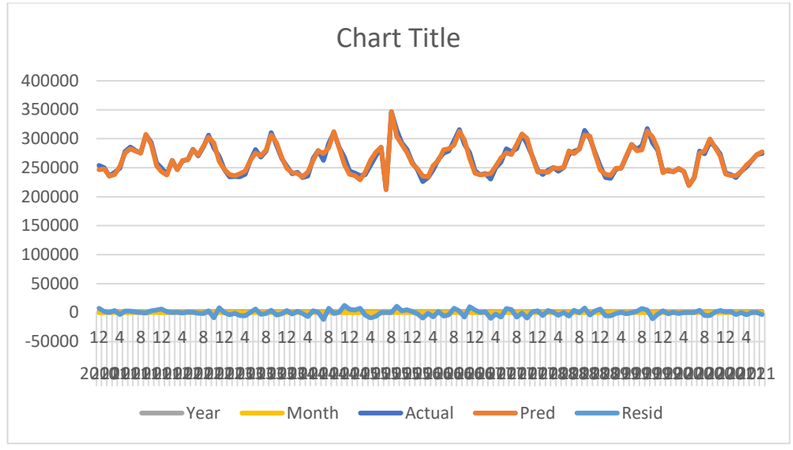
Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	254,063.0	246,400.1	7,662.9	3.02%	1.491
2011	1	249,964.0	247,987.6	1,976.4	0.79%	0.385
2011	2	235,797.0	235,521.9	275.1	0.12%	0.054
2011	3	242,331.0	238,430.4	3,900.6	1.61%	0.759
2011	4	249,133.0	252,551.5	-3,418.5	-1.37%	-0.665
2011	5	278,144.0	275,315.8	2,828.2	1.02%	0.550
2011	6	285,758.0	282,858.6	2,899.4	1.01%	0.564
2011	7	279,832.0	278,747.1	1,084.9	0.39%	0.211
2011	8	275,331.0	275,331.0	0.0	0.00%	0.000
2011	9	306,650.0	307,534.8	-884.8	-0.29%	-0.172
2011	10	293,527.0	290,280.6	3,246.4	1.11%	0.632
2011	11	258,374.0	253,697.1	4,676.9	1.81%	0.910
2011	12	249,290.0	243,189.1	6,100.9	2.45%	1.187
2012	1	238,826.0	237,433.9	1,392.1	0.58%	0.271
2012	2	262,767.0	262,767.0	0.0	0.00%	0.000
2012	3	247,014.0	246,356.0	658.0	0.27%	0.128
2012	4	261,816.0	262,653.8	-837.8	-0.32%	-0.163
2012	5	264,551.0	263,417.2	1,133.8	0.43%	0.221
2012	6	281,720.0	280,977.3	742.7	0.26%	0.145
2012	7	270,378.0	271,664.5	-1,286.5	-0.48%	-0.250
2012	8	286,097.0	287,661.9	-1,564.9	-0.55%	-0.305
2012	9	306,133.0	302,791.6	3,341.4	1.09%	0.650
2012	10	283,948.0	292,719.2	-8,771.2	-3.09%	-1.707
2012	11	269,490.0	261,086.6	8,403.4	3.12%	1.636
2012	12	247,264.0	247,264.0	0.0	0.00%	0.000
2013	1	234,503.0	238,423.0	-3,920.0	-1.67%	-0.763
2013	2	234,951.0	236,122.1	-1,171.1	-0.50%	-0.228
2013	3	234,437.0	239,464.4	-5,027.4	-2.14%	-0.978
2013	4	238,643.0	244,283.9	-5,640.9	-2.36%	-1.098
2013	5	263,523.0	262,916.9	606.1	0.23%	0.118
2013	6	281,501.0	275,381.6	6,119.4	2.17%	1.191
2013	7	268,194.0	271,044.4	-2,850.4	-1.06%	-0.555
2013	8	278,910.0	280,382.5	-1,472.5	-0.53%	-0.287
2013	9	310,561.0	306,424.0	4,137.0	1.33%	0.805
2013	10	288,674.0	293,048.7	-4,374.7	-1.52%	-0.851
2013	11	265,612.0	267,454.9	-1,842.9	-0.69%	-0.359
2013	12	252,673.0	248,920.2	3,752.8	1.49%	0.730
2014	1	239,490.0	241,737.1	-2,247.1	-0.94%	-0.437
2014	2	242,250.0	240,052.0	2,198.0	0.91%	0.428
2014	3	232,823.0	234,275.6	-1,452.6	-0.62%	-0.283
2014	4	235,774.0	242,617.2	-6,843.2	-2.90%	-1.332
2014	5	266,089.0	262,818.4	3,270.6	1.23%	0.637
2014	6	279,871.0	279,224.3	646.7	0.23%	0.126
2014	7	262,816.0	274,557.3	-11,741.3	-4.47%	-2.285
2014	8	292,322.0	284,872.2	7,449.8	2.55%	1.450
2014	9	310,713.0	312,239.4	-1,526.4	-0.49%	-0.297



2014	10	285,271.0	284,577.2	693.8	0.24%	0.135
2014	11	267,967.0	255,430.1	12,536.9	4.68%	2.440
2014	12	244,478.0	238,539.6	5,938.4	2.43%	1.156
2015	1	241,082.0	236,497.2	4,584.8	1.90%	0.892
2015	2	236,431.0	228,916.3	7,514.7	3.18%	1.463
2015	3	237,810.0	242,048.6	-4,238.6	-1.78%	-0.825
2015	4	253,809.0	262,581.6	-8,772.6	-3.46%	-1.707
2015	5	270,075.0	276,491.3	-6,416.3	-2.38%	-1.249
2015	6	285,542.0	285,222.5	319.5	0.11%	0.062
2015	7	212,315.0	212,315.0	-0.0	-0.00%	-0.000
2015	8	346,657.0	346,657.0	0.0	0.00%	0.000
2015	9	315,201.0	304,095.8	11,105.2	3.52%	2.161
2015	10	293,299.0	290,226.7	3,072.3	1.05%	0.598
2015	11	281,436.0	276,240.1	5,195.9	1.85%	1.011
2015	12	258,768.0	256,678.0	2,090.0	0.81%	0.407
2016	1	246,535.0	248,371.1	-1,836.1	-0.74%	-0.357
2016	2	226,217.0	235,556.3	-9,339.3	-4.13%	-1.818
2016	3	232,995.0	234,274.1	-1,279.1	-0.55%	-0.249
2016	4	246,321.0	253,724.7	-7,403.7	-3.01%	-1.441
2016	5	264,303.0	262,483.5	1,819.5	0.69%	0.354
2016	6	275,516.0	281,202.7	-5,686.7	-2.06%	-1.107
2016	7	278,843.0	282,546.1	-3,703.1	-1.33%	-0.721
2016	8	296,810.0	289,161.5	7,648.5	2.58%	1.489
2016	9	315,676.0	312,749.9	2,926.1	0.93%	0.570
2016	10	290,401.0	298,106.8	-7,705.8	-2.65%	-1.500
2016	11	275,836.0	265,632.6	10,203.4	3.70%	1.986
2016	12	244,847.0	240,411.0	4,436.0	1.81%	0.863
2017	1	237,630.0	237,630.0	0.0	0.00%	0.000
2017	2	240,129.0	238,751.1	1,377.9	0.57%	0.268
2017	3	230,511.0	240,180.8	-9,669.8	-4.19%	-1.882
2017	4	250,089.0	252,675.4	-2,586.4	-1.03%	-0.503
2017	5	259,698.0	267,168.3	-7,470.3	-2.88%	-1.454
2017	6	282,944.0	275,604.2	7,339.8	2.59%	1.429
2017	7	277,959.0	272,655.1	5,303.9	1.91%	1.032
2017	8	282,789.0	290,273.6	-7,484.6	-2.65%	-1.457
2017	9	307,699.0	308,559.0	-860.0	-0.28%	-0.167
2017	10	291,183.0	300,680.5	-9,497.5	-3.26%	-1.849
2017	11	270,184.0	268,610.3	1,573.7	0.58%	0.306
2017	12	246,047.0	242,653.9	3,393.1	1.38%	0.660
2018	1	238,443.0	243,628.7	-5,185.7	-2.17%	-1.009
2018	2	245,731.0	242,248.4	3,482.6	1.42%	0.678
2018	3	250,460.0	249,997.3	462.7	0.18%	0.090
2018	4	244,099.0	248,875.3	-4,776.3	-1.96%	-0.930
2018	5	250,604.0	250,604.0	0.0	0.00%	0.000
2018	6	273,365.0	279,414.2	-6,049.2	-2.21%	-1.177
2018	7	278,486.0	274,578.6	3,907.4	1.40%	0.760
2018	8	281,839.0	282,269.4	-430.4	-0.15%	-0.084

2018	9	314,573.0	306,650.8	7,922.2	2.52%	1.542
2018	10	300,496.0	304,553.7	-4,057.7	-1.35%	-0.790
2018	11	276,520.0	273,532.2	2,987.8	1.08%	0.582
2018	12	252,569.0	246,111.2	6,457.8	2.56%	1.257
2019	1	232,909.0	238,491.3	-5,582.3	-2.40%	-1.086
2019	2	231,527.0	236,920.2	-5,393.2	-2.33%	-1.050
2019	3	247,523.0	249,251.2	-1,728.2	-0.70%	-0.336
2019	4	249,812.0	249,134.6	677.4	0.27%	0.132
2019	5	268,657.0	270,557.7	-1,900.7	-0.71%	-0.370
2019	6	290,150.0	290,352.2	-202.2	-0.07%	-0.039
2019	7	281,892.0	279,459.9	2,432.1	0.86%	0.473
2019	8	287,765.0	280,785.5	6,979.5	2.43%	1.358
2019	9	317,552.0	313,194.8	4,357.2	1.37%	0.848
2019	10	292,767.0	303,296.4	-10,529.4	-3.60%	-2.049
2019	11	280,444.0	283,410.5	-2,966.5	-1.06%	-0.577
2019	12	244,688.0	241,420.0	3,268.0	1.34%	0.636
2020	1	244,244.0	246,364.6	-2,120.6	-0.87%	-0.413
2020	2	243,461.0	242,660.9	800.1	0.33%	0.156
2020	3	247,681.0	249,253.7	-1,572.7	-0.63%	-0.306
2020	4	243,352.0	243,352.0	0.0	0.00%	0.000
2020	5	219,602.0	219,602.0	0.0	0.00%	0.000
2020	6	232,979.0	232,979.0	0.0	0.00%	0.000
2020	7	278,672.0	274,732.9	3,939.1	1.41%	0.767
2020	8	273,959.0	278,955.2	-4,996.2	-1.82%	-0.972
2020	9	294,567.0	299,678.0	-5,111.0	-1.74%	-0.995
2020	10	285,813.0	284,812.1	1,000.9	0.35%	0.195
2020	11	273,406.0	269,893.6	3,512.4	1.28%	0.684
2020	12	240,953.0	239,298.2	1,654.8	0.69%	0.322
2021	1	238,411.0	236,354.5	2,056.5	0.86%	0.400
2021	2	232,878.0	236,264.3	-3,386.3	-1.45%	-0.659
2021	3	243,994.0	243,636.9	357.1	0.15%	0.070
2021	4	251,137.0	254,941.3	-3,804.3	-1.51%	-0.740
2021	5	262,362.0	262,362.0	0.0	0.00%	0.000
2021	6	272,704.0	272,704.0	0.0	0.00%	0.000
2021	7	274,440.0	277,655.3	-3,215.3	-1.17%	-0.626
2021	8		288,822.3			
2021	9		309,819.1			
2021	10		296,379.4			
2021	11		267,644.8			
2021	12		245,349.8			
2022	1		247,010.1			
2022	2		237,492.7			
2022	3		242,951.8			
2022	4		252,601.3			
2022	5		268,048.0			
2022	6		283,522.8			
2022	7		280,018.4			

2022	8	293,702.2
2022	9	311,330.6
2022	10	298,873.5
2022	11	271,031.5
2022	12	246,882.6
2023	1	247,344.2
2023	2	238,596.2
2023	3	243,284.3
2023	4	253,779.7
2023	5	268,195.7
2023	6	284,474.4
2023	7	280,893.4
2023	8	294,218.8
2023	9	312,195.4
2023	10	299,347.3
2023	11	271,686.2
2023	12	247,693.0
2024	1	247,703.5
2024	2	240,249.8
2024	3	244,233.4
2024	4	253,401.4
2024	5	268,307.0
2024	6	287,908.4
2024	7	281,735.4
2024	8	295,695.0
2024	9	313,928.3
2024	10	300,461.8
2024	11	273,532.5
2024	12	249,158.3
2025	1	250,204.9
2025	2	240,858.5
2025	3	245,921.6
2025	4	256,153.3
2025	5	272,165.7
2025	6	288,055.1
2025	7	282,879.7
2025	8	293,178.8
2025	9	318,695.3
2025	10	300,232.6
2025	11	272,789.3
2025	12	249,625.4
2026	1	250,820.4
2026	2	241,822.0
2026	3	247,127.1
2026	4	258,265.0
2026	5	273,101.0
2026	6	289,282.0

2026	7	284,170.1
2026	8	294,199.5
2026	9	315,255.5
2026	10	302,953.9
2026	11	274,876.9
2026	12	251,139.0
2027	1	252,068.7
2027	2	243,311.5
2027	3	248,921.7
2027	4	260,667.9
2027	5	275,227.5
2027	6	291,222.5
2027	7	286,021.0
2027	8	295,304.3
2027	9	316,210.7
2027	10	302,637.5
2027	11	273,777.4
2027	12	251,403.7
2028	1	251,361.0
2028	2	245,195.1
2028	3	248,915.6
2028	4	259,661.0
2028	5	274,361.3
2028	6	290,217.6
2028	7	290,403.3
2028	8	296,200.2
2028	9	321,833.6
2028	10	303,786.8
2028	11	275,525.9
2028	12	252,612.0
2029	1	254,210.7
2029	2	245,816.8
2029	3	251,225.8
2029	4	262,606.8
2029	5	277,380.1
2029	6	293,919.6
2029	7	287,938.8
2029	8	297,672.2
2029	9	319,076.7
2029	10	304,530.4
2029	11	276,252.7
2029	12	253,743.6
2030	1	255,167.5
2030	2	246,537.9
2030	3	252,226.1
2030	4	263,841.8
2030	5	279,882.9

2030	6	295,172.5
2030	7	289,115.4
2030	8	298,970.5
2030	9	320,273.7
2030	10	305,259.5
2030	11	276,920.4
2030	12	254,766.2
2031	1	256,333.7
2031	2	247,665.5
2031	3	252,729.1
2031	4	263,361.2
2031	5	278,574.5
2031	6	294,863.2
2031	7	289,685.5
2031	8	299,979.4
2031	9	325,487.4
2031	10	307,014.9
2031	11	279,563.4
2031	12	256,395.0
2032	1	257,589.1
2032	2	248,594.1
2032	3	253,728.1
2032	4	264,288.6
2032	5	279,188.9
2032	6	294,944.8
2032	7	291,051.8
2032	8	301,126.0
2032	9	322,355.8
2032	10	310,434.9
2032	11	282,599.7
2032	12	258,088.2
2033	1	259,209.4
2033	2	250,085.7
2033	3	254,758.7
2033	4	264,464.6
2033	5	279,984.3
2033	6	295,543.2
2033	7	292,128.7
2033	8	305,904.7
2033	9	323,620.1
2033	10	311,243.8
2033	11	283,474.8
2033	12	259,388.8
2034	1	259,901.4
2034	2	251,187.0
2034	3	255,892.8
2034	4	266,394.7

2034	5	280,811.2
2034	6	297,089.4
2034	7	293,506.5
2034	8	306,826.5
2034	9	324,792.7
2034	10	311,928.9
2034	11	284,246.6
2034	12	260,228.1
2035	1	261,066.0
2035	2	252,668.8
2035	3	258,073.7
2035	4	269,450.0
2035	5	284,218.8
2035	6	300,754.0
2035	7	294,768.7
2035	8	304,496.7
2035	9	325,894.6
2035	10	311,340.8
2035	11	283,055.1
2035	12	260,538.0
2036	1	261,953.3
2036	2	253,316.3
2036	3	258,438.3
2036	4	269,373.7
2036	5	281,673.3
2036	6	299,557.1
2036	7	294,987.4
2036	8	309,352.5
2036	9	331,091.8
2036	10	312,612.1
2036	11	284,976.4
2036	12	262,152.5
2037	1	263,161.4
2037	2	254,155.3
2037	3	259,453.0
2037	4	270,074.2
2037	5	285,921.8
2037	6	301,586.6
2037	7	296,468.8
2037	8	306,493.8
2037	9	327,547.2
2037	10	315,243.4
2037	11	287,163.0
2037	12	263,419.3
2038	1	264,341.8
2038	2	255,577.8
2038	3	261,182.1

2038	4	272,921.7
2038	5	287,472.4
2038	6	303,455.1
2038	7	298,238.8
2038	8	307,506.7
2038	9	328,398.8
2038	10	314,811.5
2038	11	285,936.4
2038	12	263,546.4
2039	1	264,338.0
2039	2	256,450.8
2039	3	261,106.1
2039	4	271,228.7
2039	5	285,863.6
2039	6	301,841.4
2039	7	298,412.1
2039	8	312,172.2
2039	9	329,870.6
2039	10	317,477.0
2039	11	289,691.5
2039	12	265,590.9
2040	1	266,115.1
2040	2	257,336.9
2040	3	261,962.9
2040	4	271,461.4
2040	5	286,596.7
2040	6	302,571.5
2040	7	299,269.6
2040	8	312,956.1
2040	9	331,108.2
2040	10	318,564.0
2040	11	291,156.3
2040	12	266,954.2
2041	1	267,515.7
2041	2	258,222.3
2041	3	263,892.8
2041	4	275,491.1
2041	5	291,515.4
2041	6	306,789.2
2041	7	300,717.1
2041	8	310,557.6
2041	9	331,847.1
2041	10	316,819.6
2041	11	288,467.6
2041	12	266,300.9
2042	1	267,856.0
2042	2	259,176.2

2042	3	264,228.3
2042	4	275,127.6
2042	5	289,772.9
2042	6	306,330.4
2042	7	301,143.4
2042	8	311,427.6
2042	9	336,925.3
2042	10	318,441.8
2042	11	290,978.6
2042	12	267,798.1
2043	1	268,979.5
2043	2	259,970.9
2043	3	265,267.7
2043	4	276,150.4
2043	5	291,474.0
2043	6	307,398.7
2043	7	302,278.2
2043	8	312,300.7
2043	9	333,352.1
2043	10	321,046.9
2043	11	292,965.1
2043	12	269,219.8
2044	1	269,206.7
2044	2	261,429.1
2044	3	265,784.6
2044	4	277,505.9
2044	5	289,825.3
2044	6	306,678.6
2044	7	303,251.4
2044	8	313,086.0
2044	9	338,644.4
2044	10	322,326.4
2044	11	294,304.9
2044	12	270,118.7
2045	1	271,521.6
2045	2	262,227.6
2045	3	266,922.7
2045	4	277,412.9
2045	5	291,818.1
2045	6	308,085.8
2045	7	304,492.8
2045	8	317,802.2
2045	9	335,757.0
2045	10	322,881.1
2045	11	295,186.8
2045	12	271,157.0
2046	1	271,983.6

2046	2	263,575.3
2046	3	268,968.4
2046	4	280,332.3
2046	5	295,089.0
2046	6	311,613.1
2046	7	305,617.6
2046	8	315,335.8
2046	9	336,724.4
2046	10	322,161.6
2046	11	293,867.2
2046	12	271,341.8
2047	1	272,749.1
2047	2	264,103.6
2047	3	269,775.4
2047	4	281,374.2
2047	5	297,398.7
2047	6	312,672.3
2047	7	306,599.5
2047	8	316,438.7
2047	9	337,726.0
2047	10	322,695.9
2047	11	294,341.3
2047	12	272,172.6
2048	1	273,725.6
2048	2	265,044.7
2048	3	270,601.7
2048	4	282,654.2
2048	5	297,397.2
2048	6	313,024.3
2048	7	307,743.6
2048	8	316,961.8
2048	9	338,007.8
2048	10	324,917.2
2048	11	295,962.7
2048	12	273,247.2
2049	1	274,987.6
2049	2	266,220.2
2049	3	271,822.0
2049	4	283,560.1
2049	5	298,109.9
2049	6	314,091.9
2049	7	308,875.2
2049	8	318,142.8
2049	9	339,034.6
2049	10	325,447.2
2049	11	296,572.3
2049	12	274,182.9

2050	1	274,975.5
2050	2	267,089.4
2050	3	271,745.9
2050	4	281,869.4
2050	5	296,504.9
2050	6	312,482.7
2050	7	309,053.5
2050	8	322,814.5
2050	9	340,514.9
2050	10	328,123.8
2050	11	300,340.4
2050	12	276,241.0

Variable	Coefficient	Mean	Elast	Units	Definition
HDD_B_55	172.407	6.826	0.004		
CDD_B_65	160.935	280.970	0.171		
RGSP_Gov	452.277	98.667	0.169		
BM_Jun	-9991.382	0.086	-0.003		
BM_Jul	-14556.598	0.086	-0.005		
BM_Aug	-44107.606	0.082	-0.014		
Yr2020gtJun	-9761.539	0.047	-0.002		
44419	-16407.359	0.008	-0.000		
44239	27363.573	0.008	0.001		
44542	13118.525	0.008	0.000		
44392	-66079.197	0.008	-0.002		
44423	65819.853	0.008	0.002		
44213	-9176.971	0.008	-0.000		
44334	-14455.557	0.008	-0.000		
44306	-32088.277	0.008	-0.001		
44336	-51036.782	0.008	-0.002		
44367	-50179.424	0.008	-0.001		
44337	-12078.828	0.008	-0.000		
44368	-14144.880	0.008	-0.000		

Year	Month	Pred	CONST	HDD_B_55	CDD_B_65	RGSP_Gov	BM_Jun	BM_Jul	BM_Aug	Yr2020gtJun	11-Aug	12-Feb	12-Dec	15-Jul	15-Aug	17-Jan	18-May	20-Apr	20-May	20-Jun	21-May	21-Jun
2010	12	246,400.1	181,108.6	7,965.3	11,386.4	45,939.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	1	247,987.6	181,108.6	20,961.5	697.2	45,220.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2	235,521.9	181,108.6	7,928.0	1,395.7	45,089.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	3	238,430.4	181,108.6	1,473.9	10,093.7	45,754.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	4	252,551.5	181,108.6	0.0	24,755.9	46,687.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	5	275,315.8	181,108.6	0.0	52,184.8	47,018.1	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	6	282,858.6	181,108.6	0.0	67,774.7	46,249.3	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	7	278,747.1	181,108.6	0.0	82,007.1	44,963.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	8	275,331.0	181,108.6	0.0	88,575.8	44,107.8	0.0	0.0	-22,053.8	0.0	-16,407.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	9	307,534.8	181,108.6	0.0	82,110.6	44,315.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	10	290,280.6	181,108.6	0.0	64,033.6	45,138.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	11	253,697.1	181,108.6	0.0	26,776.2	45,812.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	12	243,189.1	181,108.6	130.9	16,133.5	45,816.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	1	237,433.9	181,108.6	4,416.9	6,529.2	45,379.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	2	262,767.0	181,108.6	3,364.4	5,932.5	44,998.0	0.0	0.0	0.0	0.0	0.0	27,363.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	3	246,356.0	181,108.6	1,777.2	18,485.6	44,984.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	4	262,653.8	181,108.6	0.0	36,320.5	45,224.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	5	263,417.2	181,108.6	0.0	41,846.7	45,457.6	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	6	280,977.3	181,108.6	0.0	66,650.5	45,492.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	7	271,664.5	181,108.6	0.0	74,521.7	45,366.3	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	8	287,661.9	181,108.6	0.0	83,412.5	45,194.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	9	302,791.6	181,108.6	0.0	76,611.9	45,071.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	10	292,719.2	181,108.6	0.0	66,613.1	44,997.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	11	261,086.6	181,108.6	0.0	35,028.1	44,950.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	12	247,264.0	181,108.6	0.0	8,129.9	44,907.0	0.0	0.0	0.0	0.0	0.0	0.0	13,118.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	1	238,423.0	181,108.6	3,004.2	9,459.1	44,851.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	2	236,122.1	181,108.6	824.6	9,416.2	44,772.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	3	239,464.4	181,108.6	3,897.0	9,797.1	44,661.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	4	244,283.9	181,108.6	1,697.1	16,952.3	44,525.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	5	262,916.9	181,108.6	33.6	42,382.4	44,388.0	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	6	275,381.6	181,108.6	0.0	62,280.4	44,266.6	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	7	271,044.4	181,108.6	0.0	75,090.1	44,177.9	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	8	280,382.5	181,108.6	0.0	77,191.8	44,135.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	9	306,424.0	181,108.6	0.0	81,172.3	44,143.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	10	293,048.7	181,108.6	0.0	67,781.4	44,158.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	11	267,454.9	181,108.6	0.0	42,215.4	44,130.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	12	248,920.2	181,108.6	660.7	23,116.2	44,034.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	1	241,737.1	181,108.6	4,291.0	12,406.8	43,930.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	2	240,052.0	181,108.6	9,646.2	5,388.8	43,908.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	3	234,275.6	181,108.6	458.4	8,706.9	44,001.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	4	242,617.2	181,108.6	67.2	17,327.0	44,114.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	5	262,818.4	181,108.6	0.0	42,613.3	44,092.2	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	6	279,224.3	181,108.6	0.0	66,532.7	43,857.0	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	7	274,557.3	181,108.6	0.0	79,228.4	43,552.4	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	8	284,872.2	181,108.6	0.0	82,420.8	43,396.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	9	312,239.4	181,108.6	0.0	87,616.9	43,514.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2014	10	284,577.2	181,108.6	0.0	59,745.1	43,723.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	11	255,430.1	181,108.6	459.1	30,106.9	43,755.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	12	238,539.6	181,108.6	2,845.6	11,127.5	43,458.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	1	236,497.2	181,108.6	2,182.1	10,159.6	43,046.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	2	228,916.3	181,108.6	3,033.3	1,902.2	42,872.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	3	242,048.6	181,108.6	4,013.9	13,827.8	43,098.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	4	262,581.6	181,108.6	0.0	37,974.2	43,498.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	5	276,491.3	181,108.6	0.0	56,700.8	43,677.6	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	6	285,222.5	181,108.6	0.0	72,981.7	43,406.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	7	212,315.0	181,108.6	0.0	83,658.0	42,959.7	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	-66,079.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	8	346,657.0	181,108.6	0.0	78,997.8	42,784.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	65,819.9	0.0	0.0	0.0	0.0	0.0	0.0
2015	9	304,095.8	181,108.6	0.0	79,848.6	43,138.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	10	290,226.7	181,108.6	0.0	65,428.6	43,689.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	11	276,240.1	181,108.6	0.0	51,202.7	43,928.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	12	256,678.0	181,108.6	0.0	32,014.0	43,555.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	1	248,371.1	181,108.6	1,224.2	23,121.2	42,917.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	2	235,556.3	181,108.6	7,875.9	3,972.3	42,599.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	3	234,274.1	181,108.6	1,833.6	8,393.0	42,938.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	4	253,724.7	181,108.6	41.7	28,879.2	43,695.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	5	262,483.5	181,108.6	0.0	41,955.3	44,415.3	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	6	281,202.7	181,108.6	0.0	67,609.5	44,758.7	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	7	282,546.1	181,108.6	0.0	86,033.8	44,735.8	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	8	289,161.5	181,108.6	0.0	85,630.1	44,476.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	9	312,749.9	181,108.6	0.0	87,516.4	44,125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	10	298,106.8	181,108.6	0.0	73,181.3	43,817.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	11	265,632.6	181,108.6	0.0	40,834.2	43,689.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	12	240,411.0	181,108.6	0.0	15,490.7	43,811.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	1	237,630.0	181,108.6	2,669.7	18,997.5	44,031.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9,177.0	0.0	0.0	0.0	0.0	0.0
2017	2	238,751.1	181,108.6	3,681.2	9,841.7	44,119.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	3	240,180.8	181,108.6	713.4	14,389.2	43,969.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	4	252,675.4	181,108.6	743.9	27,076.2	43,746.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	5	267,168.3	181,108.6	0.0	47,322.3	43,733.2	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	6	275,604.2	181,108.6	0.0	62,677.4	44,092.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	7	272,655.1	181,108.6	0.0	76,243.2	44,635.4	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	8	290,273.6	181,108.6	0.0	86,161.0	45,057.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	9	308,559.0	181,108.6	0.0	82,307.3	45,143.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	10	300,680.5	181,108.6	0.0	74,557.5	45,014.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	11	268,610.3	181,108.6	186.2	42,425.7	44,889.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	12	242,653.9	181,108.6	1,062.5	15,567.5	44,915.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	1	243,628.7	181,108.6	10,222.4	7,280.4	45,017.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	2	242,248.4	181,108.6	6,990.3	9,100.5	45,049.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	3	249,997.3	181,108.6	32.8	23,922.0	44,933.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	4	248,875.3	181,108.6	17.1	22,988.2	44,761.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	5	250,604.0	181,108.6	0.0	44,253.7	44,692.9	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-14,455.6	0.0	0.0	0.0	0.0
2018	6	279,414.2	181,108.6	0.0	65,756.1	44,823.6	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	7	274,578.6	181,108.6	0.0	77,748.6	45,053.5	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	8	282,269.4	181,108.6	0.0	77,997.1	45,217.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2018	9	306,650.8	181,108.6	0.0	80,339.9	45,202.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	10	304,553.7	181,108.6	0.0	78,367.5	45,077.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	11	273,532.2	181,108.6	0.0	47,457.0	44,966.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	12	246,111.2	181,108.6	2,122.5	17,922.8	44,957.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	1	238,491.3	181,108.6	2,420.6	9,931.1	45,031.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	2	236,920.2	181,108.6	5,202.9	5,481.5	45,127.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	3	249,251.2	181,108.6	626.1	22,307.8	45,208.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	4	249,134.6	181,108.6	163.2	22,591.7	45,271.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	5	270,557.7	181,108.6	0.0	49,129.0	45,315.8	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	6	290,352.2	181,108.6	0.0	76,167.2	45,350.5	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	7	279,459.9	181,108.6	0.0	82,294.3	45,389.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	8	280,785.5	181,108.6	0.0	76,281.8	45,448.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	9	313,194.8	181,108.6	0.0	86,547.3	45,538.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	10	303,296.4	181,108.6	0.0	76,533.2	45,654.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	11	283,410.5	181,108.6	53.5	56,463.6	45,784.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	12	241,420.0	181,108.6	662.8	13,759.3	45,889.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	1	246,364.6	181,108.6	605.9	18,813.5	45,836.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	2	242,660.9	181,108.6	2,254.4	13,816.4	45,481.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	3	249,253.7	181,108.6	208.7	23,159.5	44,776.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	4	243,352.0	181,108.6	11.0	50,327.5	43,993.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32,088.3	0.0	0.0	0.0
2020	5	219,602.0	181,108.6	0.0	50,985.5	43,540.4	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-51,036.8	0.0	0.0
2020	6	232,979.0	181,108.6	0.0	70,662.5	43,661.3	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-50,179.4	0.0
2020	7	274,732.9	181,108.6	0.0	88,576.8	44,141.2	0.0	-7,278.3	-22,053.8	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	8	278,955.2	181,108.6	0.0	85,051.7	44,610.2	0.0	0.0	-22,053.8	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	9	299,678.0	181,108.6	0.0	83,556.2	44,774.8	0.0	0.0	0.0	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	10	284,812.1	181,108.6	0.0	68,810.7	44,654.4	0.0	0.0	0.0	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	11	269,893.6	181,108.6	0.0	54,189.3	44,357.3	0.0	0.0	0.0	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	12	239,298.2	181,108.6	2,536.6	21,393.6	44,020.9	0.0	0.0	0.0	-9,761.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	1	236,354.5	181,108.6	6,965.4	4,398.9	43,881.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	2	236,264.3	181,108.6	3,841.4	7,128.1	44,186.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	3	243,636.9	181,108.6	529.9	16,949.3	45,049.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	4	254,941.3	181,108.6	0.0	27,603.9	46,228.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	5	262,362.0	181,108.6	0.0	51,049.6	47,278.3	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12,078.8	0.0
2021	6	272,704.0	181,108.6	0.0	70,118.4	47,895.9	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-14,144.9
2021	7	277,655.3	181,108.6	0.0	77,712.2	48,166.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	8	288,822.3	181,108.6	0.0	81,453.7	48,313.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	9	309,819.1	181,108.6	0.0	80,211.8	48,498.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	10	296,379.4	181,108.6	0.0	66,544.4	48,726.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	11	267,644.8	181,108.6	26.0	37,563.2	48,947.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	12	245,349.8	181,108.6	1,091.4	14,027.7	49,122.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	1	247,010.1	181,108.6	8,827.6	7,822.0	49,252.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	2	237,492.7	181,108.6	4,337.6	2,706.4	49,340.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	3	242,951.8	181,108.6	2,476.3	9,965.2	49,401.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	4	252,601.3	181,108.6	346.6	21,702.4	49,443.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	5	268,048.0	181,108.6	0.0	42,466.9	49,468.2	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	6	283,522.8	181,108.6	0.0	65,207.8	49,480.3	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	7	280,018.4	181,108.6	0.0	78,756.3	49,485.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2022	8	293,702.2	181,108.6	0.0	85,157.5	49,489.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	9	311,330.6	181,108.6	0.0	80,724.1	49,497.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	10	298,873.5	181,108.6	0.0	68,253.0	49,511.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	11	271,031.5	181,108.6	20.8	40,368.9	49,533.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	12	246,882.6	181,108.6	904.7	15,305.6	49,563.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	1	247,344.2	181,108.6	8,672.2	7,956.0	49,607.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	2	238,596.2	181,108.6	4,783.0	3,040.8	49,663.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	3	243,284.3	181,108.6	2,381.3	10,057.5	49,737.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	4	253,779.7	181,108.6	343.4	22,503.1	49,824.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	5	268,195.7	181,108.6	0.0	42,165.0	49,917.9	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	6	284,474.4	181,108.6	0.0	65,628.3	50,011.4	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	7	280,893.4	181,108.6	0.0	79,010.9	50,106.0	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	8	294,218.8	181,108.6	0.0	84,958.1	50,205.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	9	312,195.4	181,108.6	0.0	80,777.0	50,309.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	10	299,347.3	181,108.6	0.0	67,819.2	50,419.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	11	271,686.2	181,108.6	24.0	40,019.1	50,534.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	12	247,693.0	181,108.6	902.8	15,028.5	50,653.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	1	247,703.5	181,108.6	8,235.6	7,587.0	50,772.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	2	240,249.8	181,108.6	5,127.5	3,133.7	50,880.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	3	244,233.4	181,108.6	2,440.0	9,707.9	50,976.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	4	253,401.4	181,108.6	391.2	20,833.4	51,068.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	5	268,307.0	181,108.6	0.0	41,035.3	51,158.8	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	6	287,908.4	181,108.6	0.0	67,820.5	51,253.3	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	7	281,735.4	181,108.6	0.0	78,607.8	51,351.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	8	295,695.0	181,108.6	0.0	85,189.1	51,451.2	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	9	313,928.3	181,108.6	0.0	81,271.4	51,548.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	10	300,461.8	181,108.6	0.0	67,709.4	51,643.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	11	273,532.5	181,108.6	21.7	40,664.1	51,738.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	12	249,158.3	181,108.6	767.5	15,450.5	51,831.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	1	250,204.9	181,108.6	9,047.2	8,122.8	51,926.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	2	240,858.5	181,108.6	4,690.2	3,043.0	52,016.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	3	245,921.6	181,108.6	2,323.8	10,381.6	52,107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	4	256,153.3	181,108.6	255.0	22,588.2	52,201.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	5	272,165.7	181,108.6	0.0	43,757.9	52,295.0	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	6	288,055.1	181,108.6	0.0	66,832.8	52,387.7	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	7	282,879.7	181,108.6	0.0	78,622.0	52,481.2	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	8	293,178.8	181,108.6	0.0	81,544.9	52,579.1	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	9	318,695.3	181,108.6	0.0	84,907.3	52,679.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	10	300,232.6	181,108.6	0.0	66,342.1	52,781.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	11	272,789.3	181,108.6	27.2	38,769.9	52,883.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	12	249,625.4	181,108.6	1,013.8	14,520.5	52,982.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	1	250,820.4	181,108.6	9,010.9	7,620.6	53,080.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	2	241,822.0	181,108.6	4,486.4	3,056.0	53,171.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	3	247,127.1	181,108.6	2,319.0	10,439.2	53,260.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	4	258,265.0	181,108.6	248.2	23,556.4	53,351.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	5	273,101.0	181,108.6	0.0	43,545.1	53,443.0	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	6	289,282.0	181,108.6	0.0	66,913.0	53,534.4	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2026	7	284,170.1	181,108.6	0.0	78,768.5	53,625.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	8	294,199.5	181,108.6	0.0	81,429.1	53,715.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	9	315,255.5	181,108.6	0.0	80,344.4	53,802.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	10	302,953.9	181,108.6	0.0	67,956.8	53,888.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	11	274,876.9	181,108.6	22.9	39,769.7	53,975.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026	12	251,139.0	181,108.6	922.7	15,042.5	54,065.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	1	252,068.7	181,108.6	8,940.4	7,862.4	54,157.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	2	243,311.5	181,108.6	4,666.5	3,291.6	54,244.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	3	248,921.7	181,108.6	2,361.0	11,121.1	54,331.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	4	260,667.9	181,108.6	191.8	24,947.4	54,420.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	5	275,227.5	181,108.6	0.0	44,603.9	54,510.7	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	6	291,222.5	181,108.6	0.0	67,783.9	54,604.0	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	7	286,021.0	181,108.6	0.0	79,545.5	54,699.0	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	8	295,304.3	181,108.6	0.0	81,453.7	54,795.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	9	316,210.7	181,108.6	0.0	80,211.8	54,890.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	10	302,637.5	181,108.6	0.0	66,544.4	54,984.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	11	273,777.4	181,108.6	26.0	37,563.2	55,079.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027	12	251,403.7	181,108.6	1,091.4	14,027.7	55,176.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	1	251,361.0	181,108.6	7,773.7	7,203.7	55,275.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	2	245,195.1	181,108.6	5,391.5	3,324.6	55,370.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	3	248,915.6	181,108.6	2,441.7	9,900.1	55,465.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	4	259,661.0	181,108.6	397.0	22,594.4	55,561.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	5	274,361.3	181,108.6	0.0	42,591.0	55,657.4	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	6	290,217.6	181,108.6	0.0	65,628.3	55,754.7	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	7	290,403.3	181,108.6	0.0	82,774.4	55,852.3	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	8	296,200.2	181,108.6	0.0	81,194.6	55,950.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	9	321,833.6	181,108.6	0.0	84,678.5	56,046.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	10	303,786.8	181,108.6	0.0	66,537.2	56,141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	11	275,525.9	181,108.6	24.8	38,157.1	56,235.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028	12	252,612.0	181,108.6	902.0	14,271.1	56,330.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	1	254,210.7	181,108.6	8,762.8	7,911.7	56,427.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	2	245,816.8	181,108.6	4,913.1	3,273.6	56,521.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	3	251,225.8	181,108.6	2,283.4	11,217.1	56,616.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	4	262,606.8	181,108.6	219.2	24,563.3	56,715.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	5	277,380.1	181,108.6	0.0	44,453.5	56,813.7	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	6	293,919.6	181,108.6	0.0	68,174.8	56,910.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	7	287,938.8	181,108.6	0.0	79,156.6	57,005.7	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	8	297,672.2	181,108.6	0.0	81,514.6	57,102.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	9	319,076.7	181,108.6	0.0	80,768.8	57,199.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	10	304,530.4	181,108.6	0.0	66,125.3	57,296.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	11	276,252.7	181,108.6	28.0	37,721.9	57,394.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2029	12	253,743.6	181,108.6	975.8	14,167.3	57,491.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	1	255,167.5	181,108.6	8,735.8	7,731.7	57,591.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	2	246,537.9	181,108.6	4,747.4	2,995.7	57,686.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	3	252,226.1	181,108.6	2,386.7	10,949.4	57,781.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	4	263,841.8	181,108.6	231.7	24,622.2	57,879.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	5	279,882.9	181,108.6	0.0	45,793.5	57,976.5	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2030	6	295,172.5	181,108.6	0.0	68,265.5	58,072.4	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	7	289,115.4	181,108.6	0.0	79,171.5	58,167.4	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	8	298,970.5	181,108.6	0.0	81,652.3	58,263.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	9	320,273.7	181,108.6	0.0	80,807.4	58,357.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	10	305,259.5	181,108.6	0.0	65,699.1	58,451.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	11	276,920.4	181,108.6	28.0	37,238.3	58,545.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2030	12	254,766.2	181,108.6	947.1	14,071.9	58,638.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	1	256,333.7	181,108.6	8,861.4	7,630.5	58,733.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	2	247,665.5	181,108.6	4,690.2	3,043.0	58,823.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	3	252,729.1	181,108.6	2,323.8	10,381.6	58,915.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	4	263,361.2	181,108.6	255.0	22,988.0	59,009.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	5	278,574.5	181,108.6	0.0	43,358.1	59,103.5	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	6	294,863.2	181,108.6	0.0	66,832.8	59,195.7	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	7	289,685.5	181,108.6	0.0	78,622.0	59,287.0	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	8	299,979.4	181,108.6	0.0	81,544.9	59,379.7	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	9	325,487.4	181,108.6	0.0	84,907.3	59,471.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	10	307,014.9	181,108.6	0.0	66,342.1	59,564.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	11	279,563.4	181,108.6	27.2	38,769.9	59,657.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031	12	256,395.0	181,108.6	1,013.8	14,520.5	59,752.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	1	257,589.1	181,108.6	9,010.9	7,620.6	59,849.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	2	248,594.1	181,108.6	4,486.4	3,056.0	59,943.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	3	253,728.1	181,108.6	2,284.4	10,297.5	60,037.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	4	264,288.6	181,108.6	298.5	22,747.5	60,134.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	5	279,188.9	181,108.6	0.0	42,845.3	60,230.7	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	6	294,944.8	181,108.6	0.0	65,782.7	60,327.5	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	7	291,051.8	181,108.6	0.0	78,850.7	60,424.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	8	301,126.0	181,108.6	0.0	81,547.6	60,523.7	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	9	322,355.8	181,108.6	0.0	80,625.8	60,621.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	10	310,434.9	181,108.6	0.0	68,606.8	60,719.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	11	282,599.7	181,108.6	15.0	40,658.1	60,818.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032	12	258,088.2	181,108.6	780.4	15,282.6	60,916.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	1	259,209.4	181,108.6	8,622.9	8,460.8	61,017.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	2	250,085.7	181,108.6	4,864.3	2,999.9	61,112.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	3	254,758.7	181,108.6	2,476.3	9,965.2	61,208.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	4	264,464.6	181,108.6	346.6	21,702.4	61,307.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	5	279,984.3	181,108.6	0.0	42,466.9	61,404.6	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	6	295,543.2	181,108.6	0.0	65,207.8	61,500.7	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	7	292,128.7	181,108.6	0.0	78,756.3	61,596.0	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	8	305,904.7	181,108.6	0.0	85,157.5	61,692.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	9	323,620.1	181,108.6	0.0	80,724.1	61,787.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	10	311,243.8	181,108.6	0.0	68,253.0	61,882.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	11	283,474.8	181,108.6	20.8	40,368.9	61,976.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2033	12	259,388.8	181,108.6	904.7	15,305.6	62,069.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	1	259,901.4	181,108.6	8,672.2	7,956.0	62,164.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	2	251,187.0	181,108.6	4,783.0	3,040.8	62,254.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	3	255,892.8	181,108.6	2,381.3	10,057.5	62,345.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	4	266,394.7	181,108.6	343.4	22,503.1	62,439.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2034	5	280,811.2	181,108.6	0.0	42,165.0	62,533.4	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	6	297,089.4	181,108.6	0.0	65,628.3	62,626.4	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	7	293,506.5	181,108.6	0.0	79,010.9	62,719.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	8	306,826.5	181,108.6	0.0	84,958.1	62,813.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	9	324,792.7	181,108.6	0.0	80,777.0	62,907.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	10	311,928.9	181,108.6	0.0	67,819.2	63,001.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	11	284,246.6	181,108.6	24.0	40,019.1	63,094.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034	12	260,228.1	181,108.6	902.8	15,028.5	63,188.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	1	261,066.0	181,108.6	8,762.8	7,911.7	63,283.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	2	252,668.8	181,108.6	4,913.1	3,273.6	63,373.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	3	258,073.7	181,108.6	2,283.4	11,217.1	63,464.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	4	269,450.0	181,108.6	219.2	24,563.3	63,558.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	5	284,218.8	181,108.6	0.0	44,453.5	63,652.4	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	6	300,754.0	181,108.6	0.0	68,174.8	63,744.6	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	7	294,768.7	181,108.6	0.0	79,156.6	63,835.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	8	304,496.7	181,108.6	0.0	81,514.6	63,927.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	9	325,894.6	181,108.6	0.0	80,768.8	64,017.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	10	311,340.8	181,108.6	0.0	66,125.3	64,106.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	11	283,055.1	181,108.6	28.0	37,721.9	64,196.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035	12	260,538.0	181,108.6	975.8	14,167.3	64,286.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	1	261,953.3	181,108.6	8,735.8	7,731.7	64,377.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	2	253,316.3	181,108.6	4,747.4	2,995.7	64,464.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	3	258,438.3	181,108.6	2,326.5	10,451.7	64,551.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	4	269,373.7	181,108.6	307.8	23,318.0	64,639.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	5	281,673.3	181,108.6	0.0	40,833.4	64,727.0	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	6	299,557.1	181,108.6	0.0	65,907.9	64,814.6	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	7	294,987.4	181,108.6	0.0	78,308.9	64,902.0	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	8	309,352.5	181,108.6	0.0	85,307.6	64,990.1	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	9	331,091.8	181,108.6	0.0	84,907.3	65,076.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	10	312,612.1	181,108.6	0.0	66,342.1	65,161.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	11	284,976.4	181,108.6	27.2	38,593.5	65,247.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036	12	262,152.5	181,108.6	1,013.8	14,696.8	65,333.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	1	263,161.4	181,108.6	9,010.9	7,620.6	65,421.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	2	254,155.3	181,108.6	4,486.4	3,056.0	65,504.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	3	259,453.0	181,108.6	2,319.0	10,439.2	65,586.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	4	270,074.2	181,108.6	248.2	23,047.0	65,670.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	5	285,921.8	181,108.6	0.0	44,054.4	65,754.5	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	6	301,586.6	181,108.6	0.0	66,913.0	65,839.0	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	7	296,468.8	181,108.6	0.0	78,768.5	65,923.8	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	8	306,493.8	181,108.6	0.0	81,429.1	66,009.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	9	327,547.2	181,108.6	0.0	80,344.4	66,094.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	10	315,243.4	181,108.6	0.0	67,956.8	66,178.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	11	287,163.0	181,108.6	22.9	39,769.7	66,261.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2037	12	263,419.3	181,108.6	922.7	15,042.5	66,345.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	1	264,341.8	181,108.6	8,940.4	7,862.4	66,430.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	2	255,577.8	181,108.6	4,666.5	3,291.6	66,511.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	3	261,182.1	181,108.6	2,361.0	11,121.1	66,591.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2038	4	272,921.7	181,108.6	191.8	24,947.4	66,673.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	5	287,472.4	181,108.6	0.0	44,603.9	66,755.6	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	6	303,455.1	181,108.6	0.0	67,783.9	66,836.6	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	7	298,238.8	181,108.6	0.0	79,545.5	66,916.9	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	8	307,506.7	181,108.6	0.0	81,453.7	66,998.3	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	9	328,398.8	181,108.6	0.0	80,211.8	67,078.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	10	314,811.5	181,108.6	0.0	66,544.4	67,158.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	11	285,936.4	181,108.6	26.0	37,563.2	67,238.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2038	12	263,546.4	181,108.6	1,091.4	14,027.7	67,318.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	1	264,338.0	181,108.6	8,300.9	7,528.4	67,400.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	2	256,450.8	181,108.6	4,864.3	2,999.9	67,478.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	3	261,106.1	181,108.6	2,476.3	9,965.2	67,556.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	4	271,228.7	181,108.6	346.6	22,136.6	67,637.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	5	285,863.6	181,108.6	0.0	42,032.7	67,718.0	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	6	301,841.4	181,108.6	0.0	65,207.8	67,798.9	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	7	298,412.1	181,108.6	0.0	78,756.3	67,879.3	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	8	312,172.2	181,108.6	0.0	85,157.5	67,959.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	9	329,870.6	181,108.6	0.0	80,724.1	68,037.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	10	317,477.0	181,108.6	0.0	68,253.0	68,115.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	11	289,691.5	181,108.6	20.8	40,368.9	68,193.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039	12	265,590.9	181,108.6	904.7	15,305.6	68,272.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	1	266,115.1	181,108.6	8,696.7	7,957.2	68,352.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	2	257,336.9	181,108.6	4,758.5	3,039.6	68,430.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	3	261,962.9	181,108.6	2,363.3	9,984.0	68,507.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	4	271,461.4	181,108.6	377.2	21,390.9	68,584.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	5	286,596.7	181,108.6	0.0	41,821.2	68,662.6	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	6	302,571.5	181,108.6	0.0	64,995.8	68,741.1	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	7	299,269.6	181,108.6	0.0	78,673.0	68,820.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	8	312,956.1	181,108.6	0.0	85,001.0	68,900.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	9	331,108.2	181,108.6	0.0	81,020.6	68,979.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	10	318,564.0	181,108.6	0.0	68,398.2	69,057.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	11	291,156.3	181,108.6	21.7	40,890.6	69,135.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2040	12	266,954.2	181,108.6	796.2	15,835.6	69,213.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	1	267,515.7	181,108.6	8,921.7	8,191.5	69,293.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	2	258,222.3	181,108.6	4,747.4	2,995.7	69,370.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	3	263,892.8	181,108.6	2,386.7	10,949.4	69,448.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	4	275,491.1	181,108.6	231.7	24,622.2	69,528.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	5	291,515.4	181,108.6	0.0	45,793.5	69,609.1	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	6	306,789.2	181,108.6	0.0	68,265.5	69,689.1	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	7	300,717.1	181,108.6	0.0	79,171.5	69,769.1	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	8	310,557.6	181,108.6	0.0	81,652.3	69,850.5	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	9	331,847.1	181,108.6	0.0	80,807.4	69,931.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	10	316,819.6	181,108.6	0.0	65,699.1	70,012.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	11	288,467.6	181,108.6	28.0	37,238.3	70,092.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041	12	266,300.9	181,108.6	947.1	14,071.9	70,173.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	1	267,856.0	181,108.6	8,861.4	7,630.5	70,255.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	2	259,176.2	181,108.6	4,690.2	3,043.0	70,334.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2042	3	264,228.3	181,108.6	2,323.8	10,381.6	70,414.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	4	275,127.6	181,108.6	255.0	23,266.6	70,497.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	5	289,772.9	181,108.6	0.0	43,079.5	70,580.5	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	6	306,330.4	181,108.6	0.0	66,832.8	70,663.0	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	7	301,143.4	181,108.6	0.0	78,622.0	70,744.9	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	8	311,427.6	181,108.6	0.0	81,544.9	70,827.9	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	9	336,925.3	181,108.6	0.0	84,907.3	70,909.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	10	318,441.8	181,108.6	0.0	66,342.1	70,991.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	11	290,978.6	181,108.6	27.2	38,769.9	71,073.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042	12	267,798.1	181,108.6	1,013.8	14,520.5	71,155.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	1	268,979.5	181,108.6	9,010.9	7,620.6	71,239.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	2	259,970.9	181,108.6	4,486.4	3,056.0	71,319.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	3	265,267.7	181,108.6	2,319.0	10,439.2	71,401.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	4	276,150.4	181,108.6	248.2	23,308.8	71,484.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	5	291,474.0	181,108.6	0.0	43,792.7	71,568.4	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	6	307,398.7	181,108.6	0.0	66,913.0	71,651.1	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	7	302,278.2	181,108.6	0.0	78,768.5	71,733.3	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	8	312,300.7	181,108.6	0.0	81,429.1	71,816.7	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	9	333,352.1	181,108.6	0.0	80,344.4	71,899.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	10	321,046.9	181,108.6	0.0	67,956.8	71,981.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	11	292,965.1	181,108.6	22.9	39,769.7	72,063.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043	12	269,219.8	181,108.6	922.7	15,042.5	72,146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	1	269,206.7	181,108.6	8,356.2	7,512.9	72,229.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	2	261,429.1	181,108.6	4,938.0	3,073.1	72,309.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	3	265,784.6	181,108.6	2,479.6	9,806.6	72,389.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	4	277,505.9	181,108.6	401.9	23,523.7	72,471.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	5	289,825.3	181,108.6	0.0	41,158.7	72,553.8	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	6	306,678.6	181,108.6	0.0	65,207.8	72,636.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	7	303,251.4	181,108.6	0.0	78,756.3	72,718.6	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	8	313,086.0	181,108.6	0.0	81,229.3	72,802.0	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	9	338,644.4	181,108.6	0.0	84,652.3	72,883.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	10	322,326.4	181,108.6	0.0	68,253.0	72,964.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	11	294,304.9	181,108.6	16.1	40,133.4	73,046.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044	12	270,118.7	181,108.6	799.7	15,080.7	73,129.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	1	271,521.6	181,108.6	8,782.0	8,416.4	73,214.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	2	262,227.6	181,108.6	4,783.0	3,040.8	73,295.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	3	266,922.7	181,108.6	2,381.3	10,057.5	73,375.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	4	277,412.9	181,108.6	343.4	22,503.1	73,457.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	5	291,818.1	181,108.6	0.0	42,165.0	73,540.3	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	6	308,085.8	181,108.6	0.0	65,628.3	73,622.8	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	7	304,492.8	181,108.6	0.0	79,010.9	73,705.5	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	8	317,802.2	181,108.6	0.0	84,958.1	73,789.3	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	9	335,757.0	181,108.6	0.0	80,777.0	73,871.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	10	322,881.1	181,108.6	0.0	67,819.2	73,953.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	11	295,186.8	181,108.6	24.0	40,019.1	74,035.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045	12	271,157.0	181,108.6	902.8	15,028.5	74,117.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	1	271,983.6	181,108.6	8,762.8	7,911.7	74,200.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2046	2	263,575.3	181,108.6	4,913.1	3,273.6	74,280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	3	268,968.4	181,108.6	2,283.4	11,217.1	74,359.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	4	280,332.3	181,108.6	219.2	24,563.3	74,441.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	5	295,089.0	181,108.6	0.0	44,453.5	74,522.7	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	6	311,613.1	181,108.6	0.0	68,174.8	74,603.8	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	7	305,617.6	181,108.6	0.0	79,156.6	74,684.5	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	8	315,335.8	181,108.6	0.0	81,514.6	74,766.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	9	336,724.4	181,108.6	0.0	80,768.8	74,847.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	10	322,161.6	181,108.6	0.0	66,125.3	74,927.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	11	293,867.2	181,108.6	28.0	37,721.9	75,008.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046	12	271,341.8	181,108.6	975.8	14,167.3	75,090.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	1	272,749.1	181,108.6	8,735.8	7,731.7	75,173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	2	264,103.6	181,108.6	4,747.4	2,995.7	75,251.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	3	269,775.4	181,108.6	2,386.7	10,949.4	75,330.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	4	281,374.2	181,108.6	231.7	24,622.2	75,411.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	5	297,398.7	181,108.6	0.0	45,793.5	75,492.3	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	6	312,672.3	181,108.6	0.0	68,265.5	75,572.2	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	7	306,599.5	181,108.6	0.0	79,171.5	75,651.5	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	8	316,438.7	181,108.6	0.0	81,652.3	75,731.6	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	9	337,726.0	181,108.6	0.0	80,807.4	75,810.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	10	322,695.9	181,108.6	0.0	65,699.1	75,888.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	11	294,341.3	181,108.6	28.0	37,238.3	75,966.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047	12	272,172.6	181,108.6	947.1	14,071.9	76,045.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	1	273,725.6	181,108.6	8,861.4	7,630.5	76,125.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	2	265,044.7	181,108.6	4,690.2	3,043.0	76,202.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	3	270,601.7	181,108.6	2,347.3	10,864.8	76,281.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	4	282,654.2	181,108.6	247.3	24,938.0	76,360.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	5	297,397.2	181,108.6	0.0	44,844.6	76,439.8	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	6	313,024.3	181,108.6	0.0	67,670.8	76,518.9	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	7	307,743.6	181,108.6	0.0	79,369.2	76,597.9	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	8	316,961.8	181,108.6	0.0	81,228.7	76,678.4	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	9	338,007.8	181,108.6	0.0	80,141.5	76,757.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	10	324,917.2	181,108.6	0.0	66,971.5	76,837.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	11	295,962.7	181,108.6	23.6	37,914.0	76,916.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2048	12	273,247.2	181,108.6	921.9	14,221.0	76,995.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	1	274,987.6	181,108.6	8,940.4	7,862.4	77,076.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	2	266,220.2	181,108.6	4,666.5	3,291.6	77,153.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	3	271,822.0	181,108.6	2,361.0	11,121.1	77,231.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	4	283,560.1	181,108.6	191.8	24,947.4	77,312.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	5	298,109.9	181,108.6	0.0	44,603.9	77,393.1	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	6	314,091.9	181,108.6	0.0	67,783.9	77,473.4	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	7	308,875.2	181,108.6	0.0	79,545.5	77,553.3	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	8	318,142.8	181,108.6	0.0	81,453.7	77,634.3	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	9	339,034.6	181,108.6	0.0	80,211.8	77,714.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	10	325,447.2	181,108.6	0.0	66,544.4	77,794.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	11	296,572.3	181,108.6	26.0	37,563.2	77,874.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2049	12	274,182.9	181,108.6	1,091.4	14,027.7	77,955.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2050	1	274,975.5	181,108.6	8,300.9	7,528.4	78,037.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	2	267,089.4	181,108.6	4,864.3	2,999.9	78,116.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	3	271,745.9	181,108.6	2,476.3	9,965.2	78,195.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	4	281,869.4	181,108.6	346.6	22,136.6	78,277.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	5	296,504.9	181,108.6	0.0	42,032.7	78,359.3	-4,995.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	6	312,482.7	181,108.6	0.0	65,207.8	78,440.3	-4,995.7	-7,278.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	7	309,053.5	181,108.6	0.0	78,756.3	78,520.8	0.0	-7,278.3	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	8	322,814.5	181,108.6	0.0	85,157.5	78,602.2	0.0	0.0	-22,053.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	9	340,514.9	181,108.6	0.0	80,724.1	78,682.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	10	328,123.8	181,108.6	0.0	68,253.0	78,762.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	11	300,340.4	181,108.6	20.8	40,368.9	78,842.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050	12	276,241.0	181,108.6	904.7	15,305.6	78,922.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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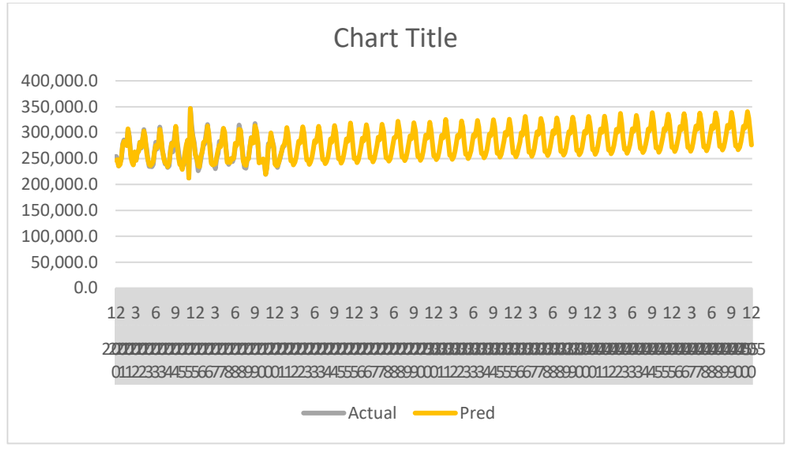
Year	Month	Actual	Pred	Upper	Lower	Sigma
2010	12	254,063.0	246,400.1	256,973.9	235,826.3	5,334.5
2011	1	249,964.0	247,987.6	260,458.7	235,516.6	6,291.7
2011	2	235,797.0	235,521.9	246,008.0	225,035.7	5,290.3
2011	3	242,331.0	238,430.4	248,823.7	228,037.1	5,243.4
2011	4	249,133.0	252,551.5	263,087.3	242,015.7	5,315.3
2011	5	278,144.0	275,315.8	286,239.0	264,392.6	5,510.7
2011	6	285,758.0	282,858.6	293,576.2	272,141.0	5,407.0
2011	7	279,832.0	278,747.1	289,332.6	268,161.7	5,340.4
2011	8	275,331.0	275,331.0	289,733.7	260,928.3	7,266.1
2011	9	306,650.0	307,534.8	318,002.6	297,067.1	5,281.0
2011	10	293,527.0	290,280.6	300,627.6	279,933.5	5,220.1
2011	11	258,374.0	253,697.1	264,070.3	243,323.8	5,233.3
2011	12	249,290.0	243,189.1	253,603.8	232,774.4	5,254.2
2012	1	238,826.0	237,433.9	247,786.0	227,081.7	5,222.7
2012	2	262,767.0	262,767.0	277,169.7	248,364.3	7,266.1
2012	3	247,014.0	246,356.0	256,638.8	236,073.2	5,187.7
2012	4	261,816.0	262,653.8	272,947.4	252,360.2	5,193.1
2012	5	264,551.0	263,417.2	274,102.3	252,732.1	5,390.6
2012	6	281,720.0	280,977.3	291,609.7	270,344.9	5,364.0
2012	7	270,378.0	271,664.5	282,267.0	261,062.0	5,349.0
2012	8	286,097.0	287,661.9	298,329.0	276,994.7	5,381.6
2012	9	306,133.0	302,791.6	313,218.6	292,364.7	5,260.4
2012	10	283,948.0	292,719.2	303,073.4	282,364.9	5,223.7
2012	11	269,490.0	261,086.6	271,366.5	250,806.7	5,186.2
2012	12	247,264.0	247,264.0	261,666.7	232,861.3	7,266.1
2013	1	234,503.0	238,423.0	248,723.2	228,122.8	5,196.4
2013	2	234,951.0	236,122.1	246,465.9	225,778.3	5,218.4
2013	3	234,437.0	239,464.4	249,762.3	229,166.5	5,195.3
2013	4	238,643.0	244,283.9	254,563.5	234,004.3	5,186.1
2013	5	263,523.0	262,916.9	273,570.2	252,263.6	5,374.6
2013	6	281,501.0	275,381.6	286,001.0	264,762.3	5,357.5
2013	7	268,194.0	271,044.4	281,668.3	260,420.6	5,359.7
2013	8	278,910.0	280,382.5	291,059.1	269,706.0	5,386.3
2013	9	310,561.0	306,424.0	316,890.0	295,957.9	5,280.1
2013	10	288,674.0	293,048.7	303,411.8	282,685.6	5,228.2
2013	11	265,612.0	267,454.9	277,734.7	257,175.0	5,186.2
2013	12	252,673.0	248,920.2	259,216.3	238,624.1	5,194.4
2014	1	239,490.0	241,737.1	252,053.6	231,420.6	5,204.7
2014	2	242,250.0	240,052.0	250,680.5	229,423.5	5,362.1
2014	3	232,823.0	234,275.6	244,652.3	223,898.8	5,235.1
2014	4	235,774.0	242,617.2	252,954.2	232,280.1	5,215.1
2014	5	266,089.0	262,818.4	273,484.1	252,152.8	5,380.8
2014	6	279,871.0	279,224.3	289,877.1	268,571.6	5,374.3
2014	7	262,816.0	274,557.3	285,246.7	263,867.9	5,392.8
2014	8	292,322.0	284,872.2	295,637.2	274,107.2	5,430.9
2014	9	310,713.0	312,239.4	322,820.2	301,658.7	5,338.0



	Mean Abs. % Err. (MAPE)	1.38%
	Mean Abs. Dev. (MAD)	3,654
elasticity	RGSP_Gov	16.86%
	Residual and Coefficients are good	
	Use Ratio of (RGSP_GOV Jan / RGSP_Gov Fall) * elasticity of 0.16.86% to adjust Forecast.	

2014	10	285,271.0	284,577.2	294,928.1	274,226.3	5,222.0
2014	11	267,967.0	255,430.1	265,733.7	245,126.6	5,198.1
2014	12	244,478.0	238,539.6	248,892.5	228,186.8	5,223.0
2015	1	241,082.0	236,497.2	246,917.6	226,076.8	5,257.1
2015	2	236,431.0	228,916.3	239,396.6	218,436.0	5,287.3
2015	3	237,810.0	242,048.6	252,448.9	231,648.2	5,247.0
2015	4	253,809.0	262,581.6	272,913.0	252,250.2	5,212.2
2015	5	270,075.0	276,491.3	287,181.2	265,801.4	5,393.0
2015	6	285,542.0	285,222.5	295,940.8	274,504.3	5,407.3
2015	7	212,315.0	212,315.0	226,717.7	197,912.3	7,266.1
2015	8	346,657.0	346,657.0	361,059.7	332,254.3	7,266.1
2015	9	315,201.0	304,095.8	314,652.1	293,539.5	5,325.7
2015	10	293,299.0	290,226.7	300,609.5	279,844.0	5,238.1
2015	11	281,436.0	276,240.1	286,544.9	265,935.3	5,198.8
2015	12	258,768.0	256,678.0	267,009.9	246,346.0	5,212.5
2016	1	246,535.0	248,371.1	258,783.3	237,958.9	5,253.0
2016	2	226,217.0	235,556.3	246,216.9	224,895.7	5,378.3
2016	3	232,995.0	234,274.1	244,727.7	223,820.4	5,273.9
2016	4	246,321.0	253,724.7	264,048.1	243,401.3	5,208.1
2016	5	264,303.0	262,483.5	273,137.4	251,829.7	5,374.9
2016	6	275,516.0	281,202.7	291,811.0	270,594.4	5,351.9
2016	7	278,843.0	282,546.1	293,135.0	271,957.3	5,342.1
2016	8	296,810.0	289,161.5	299,833.9	278,489.1	5,384.2
2016	9	315,676.0	312,749.9	323,278.8	302,221.0	5,311.8
2016	10	290,401.0	298,106.8	308,528.7	287,685.0	5,257.8
2016	11	275,836.0	265,632.6	275,943.5	255,321.7	5,201.9
2016	12	244,847.0	240,411.0	250,779.9	230,042.0	5,231.1
2017	1	237,630.0	237,630.0	252,032.7	223,227.3	7,266.1
2017	2	240,129.0	238,751.1	249,056.0	228,446.2	5,198.8
2017	3	230,511.0	240,180.8	250,515.8	229,845.8	5,214.0
2017	4	250,089.0	252,675.4	262,979.3	242,371.6	5,198.3
2017	5	259,698.0	267,168.3	277,853.6	256,483.0	5,390.7
2017	6	282,944.0	275,604.2	286,234.7	264,973.7	5,363.1
2017	7	277,959.0	272,655.1	283,251.1	262,059.1	5,345.7
2017	8	282,789.0	290,273.6	300,943.2	279,604.0	5,382.8
2017	9	307,699.0	308,559.0	319,038.9	298,079.1	5,287.1
2017	10	291,183.0	300,680.5	311,088.8	290,272.3	5,251.0
2017	11	270,184.0	268,610.3	278,881.3	258,339.2	5,181.7
2017	12	246,047.0	242,653.9	252,960.8	232,347.1	5,199.8
2018	1	238,443.0	243,628.7	254,309.1	232,948.3	5,388.3
2018	2	245,731.0	242,248.4	252,667.7	231,829.0	5,256.5
2018	3	250,460.0	249,997.3	260,303.4	239,691.2	5,199.4
2018	4	244,099.0	248,875.3	259,180.3	238,570.2	5,198.9
2018	5	250,604.0	250,604.0	265,006.7	236,201.3	7,266.1
2018	6	273,365.0	279,414.2	290,020.7	268,807.8	5,350.9
2018	7	278,486.0	274,578.6	285,167.7	263,989.5	5,342.2
2018	8	281,839.0	282,269.4	292,929.5	271,609.4	5,378.0

2018	9	314,573.0	306,650.8	317,116.4	296,185.1	5,279.9
2018	10	300,496.0	304,553.7	314,995.4	294,112.0	5,267.8
2018	11	276,520.0	273,532.2	283,814.4	263,250.0	5,187.4
2018	12	252,569.0	246,111.2	256,390.4	235,832.0	5,185.9
2019	1	232,909.0	238,491.3	248,801.7	228,180.9	5,201.6
2019	2	231,527.0	236,920.2	247,273.6	226,566.8	5,223.3
2019	3	247,523.0	249,251.2	259,558.7	238,943.7	5,200.1
2019	4	249,812.0	249,134.6	259,460.6	238,808.6	5,209.5
2019	5	268,657.0	270,557.7	281,219.9	259,895.5	5,379.1
2019	6	290,150.0	290,352.2	300,994.1	279,710.4	5,368.8
2019	7	281,892.0	279,459.9	290,054.8	268,864.9	5,345.2
2019	8	287,765.0	280,785.5	291,456.3	270,114.6	5,383.4
2019	9	317,552.0	313,194.8	323,745.9	302,643.7	5,323.0
2019	10	292,767.0	303,296.4	313,769.4	292,823.5	5,283.6
2019	11	280,444.0	283,410.5	293,784.1	273,037.0	5,233.5
2019	12	244,688.0	241,420.0	251,836.9	231,003.0	5,255.3
2020	1	244,244.0	246,364.6	256,751.2	235,978.0	5,240.0
2020	2	243,461.0	242,660.9	252,990.6	232,331.2	5,211.3
2020	3	247,681.0	249,253.7	259,551.5	238,956.0	5,195.2
2020	4	243,352.0	243,352.0	257,754.7	228,949.3	7,266.1
2020	5	219,602.0	219,602.0	234,004.7	205,199.3	7,266.1
2020	6	232,979.0	232,979.0	247,381.7	218,576.3	7,266.1
2020	7	278,672.0	274,732.9	286,018.8	263,447.1	5,693.7
2020	8	273,959.0	278,955.2	290,257.1	267,653.3	5,701.8
2020	9	294,567.0	299,678.0	310,808.4	288,547.6	5,615.3
2020	10	285,813.0	284,812.1	295,876.2	273,748.1	5,581.8
2020	11	273,406.0	269,893.6	280,935.8	258,851.4	5,570.8
2020	12	240,953.0	239,298.2	250,411.1	228,185.3	5,606.4
2021	1	238,411.0	236,354.5	246,786.2	225,922.8	5,262.8
2021	2	232,878.0	236,264.3	246,577.3	225,951.3	5,202.9
2021	3	243,994.0	243,636.9	253,960.3	233,313.5	5,208.2
2021	4	251,137.0	254,941.3	265,376.3	244,506.3	5,264.5
2021	5	262,362.0	262,362.0	276,764.7	247,959.3	7,266.1
2021	6	272,704.0	272,704.0	287,106.7	258,301.3	7,266.1
2021	7	274,440.0	277,655.3	288,767.9	266,542.6	5,606.3
2021	8		288,822.3	300,088.5	277,556.1	5,683.8
2021	9		309,819.1	321,035.6	298,602.6	5,658.7
2021	10		296,379.4	307,596.9	285,161.9	5,659.2
2021	11		267,644.8	278,894.6	256,395.0	5,675.5
2021	12		245,349.8	256,718.9	233,980.8	5,735.7
2022	1		247,010.1	258,651.2	235,369.0	5,872.9
2022	2		237,492.7	248,986.1	225,999.4	5,798.4
2022	3		242,951.8	254,441.7	231,461.9	5,796.6
2022	4		252,601.3	264,104.4	241,098.1	5,803.3
2022	5		268,048.0	279,839.1	256,256.8	5,948.6
2022	6		283,522.8	295,215.3	271,830.2	5,898.9
2022	7		280,018.4	291,625.4	268,411.4	5,855.7

2022	8	293,702.2	305,433.1	281,971.2	5,918.3
2022	9	311,330.6	322,974.3	299,686.8	5,874.3
2022	10	298,873.5	310,443.6	287,303.4	5,837.1
2022	11	271,031.5	282,544.6	259,518.4	5,808.4
2022	12	246,882.6	258,454.0	235,311.2	5,837.8
2023	1	247,344.2	259,137.1	235,551.2	5,949.5
2023	2	238,596.2	250,247.3	226,945.1	5,878.0
2023	3	243,284.3	254,935.3	231,633.3	5,877.9
2023	4	253,779.7	265,463.8	242,095.5	5,894.6
2023	5	268,195.7	280,197.9	256,193.5	6,055.1
2023	6	284,474.4	296,412.5	272,536.2	6,022.8
2023	7	280,893.4	292,781.9	269,004.8	5,997.8
2023	8	294,218.8	306,282.0	282,155.5	6,085.9
2023	9	312,195.4	324,239.9	300,150.8	6,076.5
2023	10	299,347.3	311,370.8	287,323.8	6,065.9
2023	11	271,686.2	283,711.8	259,660.7	6,066.9
2023	12	247,693.0	259,828.9	235,557.1	6,122.6
2024	1	247,703.5	260,067.1	235,339.9	6,237.4
2024	2	240,249.8	252,549.1	227,950.5	6,205.0
2024	3	244,233.4	256,548.5	231,918.4	6,212.9
2024	4	253,401.4	265,762.3	241,040.6	6,236.1
2024	5	268,307.0	280,966.0	255,648.0	6,386.5
2024	6	287,908.4	300,499.6	275,317.2	6,352.2
2024	7	281,735.4	294,273.6	269,197.1	6,325.5
2024	8	295,695.0	308,422.8	282,967.3	6,421.1
2024	9	313,928.3	326,673.0	301,183.6	6,429.7
2024	10	300,461.8	313,187.0	287,736.6	6,419.9
2024	11	273,532.5	286,261.7	260,803.4	6,421.9
2024	12	249,158.3	261,992.4	236,324.2	6,474.8
2025	1	250,204.9	263,305.0	237,104.8	6,609.0
2025	2	240,858.5	253,836.0	227,880.9	6,547.2
2025	3	245,921.6	258,924.1	232,919.1	6,559.7
2025	4	256,153.3	269,207.6	243,099.1	6,585.9
2025	5	272,165.7	285,500.8	258,830.6	6,727.5
2025	6	288,055.1	301,325.7	274,784.5	6,695.0
2025	7	282,879.7	296,091.8	269,667.5	6,665.5
2025	8	293,178.8	306,586.0	279,771.7	6,763.9
2025	9	318,695.3	332,179.6	305,211.1	6,802.8
2025	10	300,232.6	313,682.6	286,782.6	6,785.5
2025	11	272,789.3	286,265.7	259,312.9	6,798.9
2025	12	249,625.4	263,212.4	236,038.4	6,854.6
2026	1	250,820.4	264,669.9	236,970.8	6,987.1
2026	2	241,822.0	255,564.7	228,079.4	6,933.2
2026	3	247,127.1	260,902.1	233,352.0	6,949.5
2026	4	258,265.0	272,091.8	244,438.2	6,975.6
2026	5	273,101.0	287,195.5	259,006.5	7,110.7
2026	6	289,282.0	303,309.5	275,254.5	7,076.9

2026	7	284,170.1	298,134.0	270,206.2	7,044.8
2026	8	294,199.5	308,362.7	280,036.3	7,145.3
2026	9	315,255.5	329,481.8	301,029.2	7,177.2
2026	10	302,953.9	317,181.1	288,726.7	7,177.6
2026	11	274,876.9	289,122.3	260,631.5	7,186.8
2026	12	251,139.0	265,492.6	236,785.3	7,241.4
2027	1	252,068.7	266,672.0	237,465.4	7,367.4
2027	2	243,311.5	257,824.1	228,798.9	7,321.6
2027	3	248,921.7	263,465.2	234,378.3	7,337.2
2027	4	260,667.9	275,265.0	246,070.9	7,364.2
2027	5	275,227.5	290,078.9	260,376.2	7,492.5
2027	6	291,222.5	306,009.7	276,435.3	7,460.2
2027	7	286,021.0	300,744.3	271,297.7	7,427.9
2027	8	295,304.3	310,239.3	280,369.3	7,534.7
2027	9	316,210.7	331,235.3	301,186.1	7,579.9
2027	10	302,637.5	317,672.7	287,602.4	7,585.2
2027	11	273,777.4	288,851.6	258,703.1	7,604.9
2027	12	251,403.7	266,593.4	236,214.1	7,663.2
2028	1	251,361.0	266,737.2	235,984.7	7,757.3
2028	2	245,195.1	260,572.5	229,817.8	7,757.9
2028	3	248,915.6	264,327.5	233,503.6	7,775.3
2028	4	259,661.0	275,133.8	244,188.1	7,806.0
2028	5	274,361.3	290,080.2	258,642.3	7,930.2
2028	6	290,217.6	305,870.9	274,564.4	7,897.1
2028	7	290,403.3	305,989.7	274,816.8	7,863.4
2028	8	296,200.2	312,008.8	280,391.6	7,975.4
2028	9	321,833.6	337,777.8	305,889.3	8,043.9
2028	10	303,786.8	319,725.3	287,848.3	8,041.0
2028	11	275,525.9	291,509.7	259,542.1	8,063.8
2028	12	252,612.0	268,715.9	236,508.0	8,124.4
2029	1	254,210.7	270,544.5	237,876.9	8,240.4
2029	2	245,816.8	262,101.4	229,532.3	8,215.5
2029	3	251,225.8	267,554.3	234,897.4	8,237.7
2029	4	262,606.8	279,002.9	246,210.6	8,271.9
2029	5	277,380.1	294,009.1	260,751.0	8,389.3
2029	6	293,919.6	310,485.9	277,353.3	8,357.7
2029	7	287,938.8	304,438.6	271,439.0	8,324.1
2029	8	297,672.2	314,394.6	280,949.9	8,436.4
2029	9	319,076.7	335,931.8	302,221.7	8,503.4
2029	10	304,530.4	321,409.4	287,651.4	8,515.5
2029	11	276,252.7	293,187.7	259,317.7	8,543.7
2029	12	253,743.6	270,801.8	236,685.5	8,605.8
2030	1	255,167.5	272,452.2	237,882.8	8,720.1
2030	2	246,537.9	263,784.2	229,291.7	8,700.7
2030	3	252,226.1	269,521.4	234,930.7	8,725.5
2030	4	263,841.8	281,206.2	246,477.5	8,760.3
2030	5	279,882.9	297,465.3	262,300.5	8,870.3

2030	6	295,172.5	312,693.9	277,651.2	8,839.5
2030	7	289,115.4	306,568.6	271,662.1	8,805.1
2030	8	298,970.5	316,649.4	281,291.6	8,919.0
2030	9	320,273.7	338,099.6	302,447.9	8,993.1
2030	10	305,259.5	323,111.9	287,407.2	9,006.5
2030	11	276,920.4	294,832.5	259,008.2	9,036.7
2030	12	254,766.2	272,799.5	236,732.9	9,097.8
2031	1	256,333.7	274,590.3	238,077.0	9,210.5
2031	2	247,665.5	265,881.6	229,449.4	9,190.0
2031	3	252,729.1	270,997.4	234,460.8	9,216.4
2031	4	263,361.2	281,699.5	245,022.9	9,251.7
2031	5	278,574.5	297,117.2	260,031.8	9,354.8
2031	6	294,863.2	313,337.4	276,388.9	9,320.3
2031	7	289,685.5	308,088.3	271,282.8	9,284.2
2031	8	299,979.4	318,607.3	281,351.6	9,397.7
2031	9	325,487.4	344,292.0	306,682.7	9,486.9
2031	10	307,014.9	325,833.5	288,196.4	9,494.0
2031	11	279,563.4	298,443.1	260,683.7	9,524.8
2031	12	256,395.0	275,397.1	237,393.0	9,586.5
2032	1	257,589.1	276,821.8	238,356.4	9,702.9
2032	2	248,594.1	267,788.3	229,399.9	9,683.5
2032	3	253,728.1	272,982.4	234,473.8	9,713.8
2032	4	264,288.6	283,615.5	244,961.7	9,750.4
2032	5	279,188.9	298,713.7	259,664.1	9,850.3
2032	6	294,944.8	314,404.6	275,485.0	9,817.5
2032	7	291,051.8	310,443.8	271,659.8	9,783.2
2032	8	301,126.0	320,751.4	281,500.6	9,901.0
2032	9	322,355.8	342,156.3	302,555.4	9,989.3
2032	10	310,434.9	330,284.0	290,585.9	10,013.8
2032	11	282,599.7	302,511.7	262,687.8	10,045.6
2032	12	258,088.2	278,130.0	238,046.5	10,111.1
2033	1	259,209.4	279,461.5	238,957.3	10,217.2
2033	2	250,085.7	270,329.9	229,841.5	10,213.2
2033	3	254,758.7	275,062.7	234,454.6	10,243.4
2033	4	264,464.6	284,846.9	244,082.3	10,282.9
2033	5	279,984.3	300,554.3	259,414.3	10,377.6
2033	6	295,543.2	316,047.4	275,039.0	10,344.4
2033	7	292,128.7	312,562.7	271,694.8	10,308.9
2033	8	305,904.7	326,572.9	285,236.5	10,427.1
2033	9	323,620.1	344,471.2	302,769.0	10,519.4
2033	10	311,243.8	332,143.5	290,344.2	10,543.9
2033	11	283,474.8	304,438.8	262,510.8	10,576.3
2033	12	259,388.8	280,476.6	238,301.0	10,638.8
2034	1	259,901.4	281,194.6	238,608.1	10,742.5
2034	2	251,187.0	272,470.4	229,903.7	10,737.5
2034	3	255,892.8	277,235.0	234,550.7	10,767.1
2034	4	266,394.7	287,810.0	244,979.3	10,804.0

2034	5	280,811.2	302,404.9	259,217.5	10,894.0
2034	6	297,089.4	318,614.0	275,564.7	10,859.2
2034	7	293,506.5	314,957.8	272,055.2	10,822.2
2034	8	306,826.5	328,511.8	285,141.1	10,940.3
2034	9	324,792.7	346,669.7	302,915.8	11,036.9
2034	10	311,928.9	333,856.1	290,001.6	11,062.3
2034	11	284,246.6	306,242.5	262,250.6	11,097.0
2034	12	260,228.1	282,349.0	238,107.2	11,160.0
2035	1	261,066.0	283,391.8	238,740.3	11,263.3
2035	2	252,668.8	274,987.5	230,350.1	11,259.8
2035	3	258,073.7	280,449.8	235,697.6	11,288.8
2035	4	269,450.0	291,900.3	246,999.8	11,326.2
2035	5	284,218.8	306,838.4	261,599.2	11,411.6
2035	6	300,754.0	323,307.4	278,200.7	11,378.2
2035	7	294,768.7	317,247.3	272,290.2	11,340.4
2035	8	304,496.7	327,207.4	281,786.1	11,457.5
2035	9	325,894.6	348,802.7	302,986.6	11,557.1
2035	10	311,340.8	334,295.3	288,386.3	11,580.5
2035	11	283,055.1	306,082.9	260,027.3	11,617.5
2035	12	260,538.0	283,687.2	237,388.7	11,678.8
2036	1	261,953.3	285,297.8	238,608.8	11,777.3
2036	2	253,316.3	276,656.1	229,976.6	11,774.9
2036	3	258,438.3	281,835.9	235,040.8	11,804.1
2036	4	269,373.7	292,840.0	245,907.4	11,838.8
2036	5	281,673.3	305,301.2	258,045.3	11,920.3
2036	6	299,557.1	323,108.9	276,005.4	11,881.9
2036	7	294,987.4	318,461.0	271,513.8	11,842.4
2036	8	309,352.5	333,055.4	285,649.7	11,958.1
2036	9	331,091.8	355,008.7	307,175.0	12,066.0
2036	10	312,612.1	336,561.0	288,663.2	12,082.2
2036	11	284,976.4	308,996.0	260,956.8	12,117.9
2036	12	262,152.5	286,289.6	238,015.5	12,177.1
2037	1	263,161.4	287,500.2	238,822.6	12,278.9
2037	2	254,155.3	278,476.8	229,833.7	12,270.2
2037	3	259,453.0	283,831.3	235,074.7	12,298.9
2037	4	270,074.2	294,519.9	245,628.6	12,332.8
2037	5	285,921.8	310,512.1	261,331.5	12,405.8
2037	6	301,586.6	326,103.5	277,069.7	12,368.8
2037	7	296,468.8	320,904.6	272,033.1	12,327.8
2037	8	306,493.8	331,157.5	281,830.1	12,442.8
2037	9	327,547.2	352,415.2	302,679.1	12,545.9
2037	10	315,243.4	340,162.4	290,324.4	12,571.6
2037	11	287,163.0	312,149.2	262,176.8	12,605.5
2037	12	263,419.3	288,521.9	238,316.8	12,664.2
2038	1	264,341.8	289,637.3	239,046.4	12,761.5
2038	2	255,577.8	280,861.4	230,294.2	12,755.6
2038	3	261,182.1	286,519.3	235,844.9	12,782.6

2038	4	272,921.7	298,323.7	247,519.7	12,815.3
2038	5	287,472.4	313,013.9	261,931.0	12,885.6
2038	6	303,455.1	328,920.3	277,989.8	12,847.2
2038	7	298,238.8	323,617.8	272,859.9	12,803.7
2038	8	307,506.7	333,110.6	281,902.9	12,917.1
2038	9	328,398.8	354,208.2	302,589.3	13,020.9
2038	10	314,811.5	340,668.4	288,954.5	13,044.8
2038	11	285,936.4	311,863.5	260,009.3	13,080.2
2038	12	263,546.4	289,585.2	237,507.5	13,136.6
2039	1	264,338.0	290,541.4	238,134.6	13,219.6
2039	2	256,450.8	282,666.9	230,234.7	13,226.0
2039	3	261,106.1	287,375.0	234,837.3	13,252.6
2039	4	271,228.7	297,563.1	244,894.3	13,285.7
2039	5	285,863.6	312,331.5	259,395.7	13,353.0
2039	6	301,841.4	328,230.0	275,452.7	13,313.1
2039	7	298,412.1	324,714.0	272,110.1	13,269.3
2039	8	312,172.2	338,697.9	285,646.5	13,382.2
2039	9	329,870.6	356,606.2	303,135.0	13,488.1
2039	10	317,477.0	344,260.8	290,693.3	13,512.4
2039	11	289,691.5	316,539.7	262,843.4	13,544.9
2039	12	265,590.9	292,550.9	238,630.9	13,601.3
2040	1	266,115.1	293,250.4	238,979.8	13,689.8
2040	2	257,336.9	284,474.2	230,199.7	13,690.7
2040	3	261,962.9	289,153.9	234,771.9	13,717.8
2040	4	271,461.4	298,716.2	244,206.6	13,750.0
2040	5	286,596.7	313,976.1	259,217.3	13,812.9
2040	6	302,571.5	329,869.4	275,273.6	13,771.8
2040	7	299,269.6	326,479.1	272,060.0	13,727.2
2040	8	312,956.1	340,389.2	285,523.1	13,840.0
2040	9	331,108.2	358,757.0	303,459.3	13,948.8
2040	10	318,564.0	346,263.0	290,865.1	13,974.1
2040	11	291,156.3	318,921.1	263,391.5	14,007.3
2040	12	266,954.2	294,830.7	239,077.7	14,063.7
2041	1	267,515.7	295,572.2	239,459.2	14,154.5
2041	2	258,222.3	286,275.5	230,169.2	14,152.8
2041	3	263,892.8	291,998.7	235,787.0	14,179.4
2041	4	275,491.1	303,661.1	247,321.1	14,211.7
2041	5	291,515.4	319,807.2	263,223.7	14,273.2
2041	6	306,789.2	335,005.9	278,572.6	14,235.3
2041	7	300,717.1	328,847.0	272,587.2	14,191.5
2041	8	310,557.6	338,913.0	282,202.3	14,305.3
2041	9	331,847.1	360,423.8	303,270.4	14,416.9
2041	10	316,819.6	345,447.5	288,191.8	14,442.8
2041	11	288,467.6	317,172.3	259,762.8	14,481.5
2041	12	266,300.9	295,119.2	237,482.7	14,538.8
2042	1	267,856.0	296,849.3	238,862.7	14,627.1
2042	2	259,176.2	288,172.3	230,180.0	14,628.5

2042	3	264,228.3	293,282.4	235,174.2	14,657.8
2042	4	275,127.6	304,249.8	246,005.4	14,692.1
2042	5	289,772.9	319,016.7	260,529.2	14,753.5
2042	6	306,330.4	335,498.0	277,162.8	14,715.0
2042	7	301,143.4	330,226.1	272,060.7	14,672.2
2042	8	311,427.6	340,736.8	282,118.4	14,786.5
2042	9	336,925.3	366,471.1	307,379.4	14,905.9
2042	10	318,441.8	348,031.8	288,851.8	14,928.1
2042	11	290,978.6	320,645.6	261,311.7	14,967.0
2042	12	267,798.1	297,579.9	238,016.2	15,024.9
2043	1	268,979.5	298,942.5	239,016.5	15,116.3
2043	2	259,970.9	289,935.3	230,006.5	15,117.0
2043	3	265,267.7	295,293.0	235,242.3	15,147.8
2043	4	276,150.4	306,245.1	246,055.8	15,182.7
2043	5	291,474.0	321,685.3	261,262.6	15,241.6
2043	6	307,398.7	337,535.4	277,262.0	15,203.9
2043	7	302,278.2	332,330.1	272,226.4	15,161.1
2043	8	312,300.7	342,579.8	282,021.5	15,275.8
2043	9	333,352.1	363,861.0	302,843.2	15,391.8
2043	10	321,046.9	351,615.7	290,478.1	15,422.0
2043	11	292,965.1	323,609.8	262,320.4	15,460.2
2043	12	269,219.8	299,979.7	238,460.0	15,518.3
2044	1	269,206.7	300,126.0	238,287.5	15,598.8
2044	2	261,429.1	292,374.1	230,484.0	15,611.8
2044	3	265,784.6	296,788.6	234,780.6	15,641.5
2044	4	277,505.9	308,574.5	246,437.2	15,674.1
2044	5	289,825.3	321,011.6	258,639.0	15,733.5
2044	6	306,678.6	337,786.8	275,570.4	15,694.1
2044	7	303,251.4	334,274.0	272,228.8	15,650.9
2044	8	313,086.0	344,336.0	281,836.0	15,765.6
2044	9	338,644.4	370,136.6	307,152.2	15,887.8
2044	10	322,326.4	353,869.3	290,783.6	15,913.4
2044	11	294,304.9	325,923.9	262,685.9	15,951.8
2044	12	270,118.7	301,855.1	238,382.3	16,011.0
2045	1	271,521.6	303,427.7	239,615.5	16,096.6
2045	2	262,227.6	294,149.5	230,305.7	16,104.6
2045	3	266,922.7	298,904.8	234,940.7	16,134.9
2045	4	277,412.9	309,463.4	245,362.4	16,169.5
2045	5	291,818.1	323,978.6	259,657.6	16,225.0
2045	6	308,085.8	340,170.0	276,001.6	16,186.5
2045	7	304,492.8	336,491.4	272,494.2	16,143.3
2045	8	317,802.2	350,028.4	285,575.9	16,258.1
2045	9	335,757.0	368,220.9	303,293.0	16,378.1
2045	10	322,881.1	355,405.9	290,356.3	16,408.8
2045	11	295,186.8	327,789.5	262,584.2	16,448.0
2045	12	271,157.0	303,875.1	238,438.8	16,506.3
2046	1	271,983.6	304,868.7	239,098.5	16,590.5

2046	2	263,575.3	296,477.9	230,672.7	16,599.4
2046	3	268,968.4	301,928.3	236,008.5	16,628.3
2046	4	280,332.3	313,359.8	247,304.8	16,662.4
2046	5	295,089.0	328,221.5	261,956.5	16,715.3
2046	6	311,613.1	344,670.2	278,556.1	16,677.3
2046	7	305,617.6	338,588.2	272,647.0	16,633.7
2046	8	315,335.8	348,532.8	282,138.7	16,747.9
2046	9	336,724.4	370,160.2	303,288.6	16,868.3
2046	10	322,161.6	355,656.5	288,666.6	16,898.2
2046	11	293,867.2	327,444.2	260,290.3	16,939.6
2046	12	271,341.8	305,032.8	237,650.7	16,997.1
2047	1	272,749.1	306,602.8	238,895.4	17,079.2
2047	2	264,103.6	297,976.4	230,230.8	17,088.8
2047	3	269,775.4	303,706.3	235,844.5	17,118.1
2047	4	281,374.2	315,371.7	247,376.7	17,151.7
2047	5	297,398.7	331,495.3	263,302.0	17,201.8
2047	6	312,672.3	346,694.3	278,650.3	17,164.1
2047	7	306,599.5	340,533.5	272,665.4	17,119.7
2047	8	316,438.7	350,597.4	282,280.0	17,233.1
2047	9	337,726.0	372,124.1	303,327.9	17,353.8
2047	10	322,695.9	357,151.5	288,240.3	17,382.8
2047	11	294,341.3	328,877.9	259,804.7	17,423.7
2047	12	272,172.6	306,820.4	237,524.8	17,479.8
2048	1	273,725.6	308,534.5	238,916.7	17,561.1
2048	2	265,044.7	299,869.7	230,219.7	17,569.2
2048	3	270,601.7	305,485.4	235,718.1	17,598.8
2048	4	282,654.2	317,602.0	247,706.5	17,631.2
2048	5	297,397.2	332,442.0	262,352.4	17,680.1
2048	6	313,024.3	347,992.8	278,055.8	17,641.6
2048	7	307,743.6	342,623.4	272,863.9	17,596.8
2048	8	316,961.8	352,066.9	281,856.8	17,710.5
2048	9	338,007.8	373,354.4	302,661.2	17,832.3
2048	10	324,917.2	360,325.9	289,508.5	17,863.7
2048	11	295,962.7	331,452.6	260,472.8	17,904.6
2048	12	273,247.2	308,849.3	237,645.0	17,961.3
2049	1	274,987.6	310,751.9	239,223.3	18,043.1
2049	2	266,220.2	301,999.2	230,441.1	18,050.5
2049	3	271,822.0	307,660.1	235,984.0	18,080.3
2049	4	283,560.1	319,465.0	247,655.1	18,114.0
2049	5	298,109.9	334,110.3	262,109.5	18,162.2
2049	6	314,091.9	350,016.9	278,166.9	18,124.2
2049	7	308,875.2	344,712.2	273,038.3	18,079.7
2049	8	318,142.8	354,205.8	282,079.8	18,193.8
2049	9	339,034.6	375,342.3	302,726.9	18,317.2
2049	10	325,447.2	361,818.1	289,076.2	18,349.1
2049	11	296,572.3	333,026.9	260,117.7	18,391.4
2049	12	274,182.9	310,750.1	237,615.7	18,448.1

2050	1	274,975.5	311,690.7	238,260.3	18,522.8
2050	2	267,089.4	303,839.9	230,338.9	18,540.6
2050	3	271,745.9	308,557.6	234,934.2	18,571.5
2050	4	281,869.4	318,750.9	244,987.9	18,606.7
2050	5	296,504.9	333,479.8	259,530.1	18,653.8
2050	6	312,482.7	349,380.8	275,584.7	18,615.0
2050	7	309,053.5	345,863.4	272,243.6	18,570.6
2050	8	322,814.5	359,849.1	285,779.9	18,683.9
2050	9	340,514.9	377,798.5	303,231.4	18,809.5
2050	10	328,123.8	365,472.0	290,775.5	18,842.2
2050	11	300,340.4	337,768.8	262,912.1	18,882.6
2050	12	276,241.0	313,782.3	238,699.7	18,939.6

Year	Month	SALES_B_SL	LogTrendVar	11-Apr	13-Oct	13-Dec	14-Aug	15-Jul	17-Sep	20-Jan	21-Apr	Yr2020Plus	XMissing	YMissing
2010	12	2,157	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	1	2,153	2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	2,122	2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	2,082	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	1,986	2.43	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	2,110	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	2,069	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	2,042	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	2,079	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	2,063	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	2,038	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	2,078	2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	2,073	2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	2,068	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	2,083	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	2,072	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	2,096	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	2,069	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	2,081	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	2,067	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	2,074	2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	2,083	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	2,090	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	2,104	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	2,114	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	2,114	2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	2,100	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	2,085	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	2,078	2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	2,059	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	2,054	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	2,047	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	2,037	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	2,046	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	2,098	2.63	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	2,044	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	2,124	2.64	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	2,097	2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	2,092	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	2,049	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	2,036	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	2,095	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	2,034	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	2,044	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	1,950	2.69	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	2,076	2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	10	2,059	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	11	2,074	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	2,070	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	2,084	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	2,058	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	2,053	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	2,042	2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	2,022	2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	2,017	2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	1,961	2.75	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2015	8	2,016	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	2,020	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	2,028	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	2,039	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	2,049	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	2,059	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	2,034	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	2,084	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	2,048	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	2,054	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	2,014	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	2,002	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	2,000	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	2,019	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	1,998	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	2,025	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	2,081	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	2,044	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	2,007	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	2,041	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	2,028	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	2,009	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	2,020	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	2,016	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	2,003	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	9	1,906	2.88	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2017	10	1,990	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	11	2,055	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	2,063	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	2,070	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	2,090	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	2,051	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	2,034	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	2,021	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	2,004	2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	1,997	2.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	1,936	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	9	1,993	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	10	1,970	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	2,038	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	1,972	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	2,029	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	2,020	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	3	1,996	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	1,956	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	1,988	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	1,950	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	1,955	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	1,945	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	1,948	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	10	1,941	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	11	1,949	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	1,955	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	1,957	3.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0	0
2020	2	1,925	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	3	1,915	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	4	1,903	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	5	1,897	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	6	1,877	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	7	1,891	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	8	1,891	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	9	1,887	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	10	1,881	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	11	1,911	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2020	12	1,931	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	1	1,942	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	2	1,883	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	3	1,874	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	4	1,818	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0	0
2021	5	1,844	3.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	6	1,863	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	7	1,859	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2021	8		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	9		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	10		3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	11		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2021	12		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	1		3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	2		3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	3		3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	4		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	5		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	6		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	7		3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2022	8	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	9	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	10	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	11	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2022	12	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	1	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	2	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	3	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	4	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	5	3.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	6	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	7	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	8	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	9	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	10	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	11	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2023	12	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	1	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	2	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	3	3.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	4	3.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	5	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	6	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	7	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	8	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	9	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	10	3.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	11	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2024	12	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	1	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	2	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	3	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	4	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	5	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	6	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	7	3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	8	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	9	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	10	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	11	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2025	12	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	1	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	2	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	3	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	4	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	5	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	6	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2026	7	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	8	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	9	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	10	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	11	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2026	12	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	1	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	2	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	3	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	4	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	5	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	6	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	7	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	8	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	9	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	10	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	11	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2027	12	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	1	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	2	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	3	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	4	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	5	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	6	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	7	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	8	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	9	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	10	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	11	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2028	12	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	1	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	2	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	3	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	4	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	5	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	6	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	7	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	8	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	9	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	10	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	11	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2029	12	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	1	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	2	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	3	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	4	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	5	3.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2030	6	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	7	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	8	3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	9	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	10	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	11	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2030	12	3.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	1	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	2	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	3	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	4	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	5	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	6	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	7	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	8	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	9	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	10	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	11	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2031	12	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	1	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	2	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	3	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	4	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	5	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	6	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	7	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	8	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	9	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	10	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	11	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2032	12	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	1	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	2	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	3	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	4	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	5	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	6	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	7	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	8	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	9	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	10	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	11	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2033	12	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	1	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	2	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	3	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	4	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2034	5	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	6	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	7	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	8	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	9	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	10	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	11	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2034	12	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	1	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	2	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	3	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	4	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	5	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	6	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	7	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	8	3.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	9	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	10	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	11	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2035	12	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	1	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	2	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	3	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	4	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	5	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	6	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	7	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	8	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	9	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	10	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	11	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2036	12	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	1	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	2	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	3	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	4	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	5	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	6	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	7	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	8	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	9	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	10	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	11	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2037	12	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	1	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	2	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	3	3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2038	4	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	5	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	6	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	7	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	8	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	9	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	10	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	11	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2038	12	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	1	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	2	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	3	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	4	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	5	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	6	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	7	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	8	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	9	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	10	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	11	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2039	12	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	1	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	2	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	3	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	4	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	5	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	6	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	7	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	8	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	9	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	10	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	11	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2040	12	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	1	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	2	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	3	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	4	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	5	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	6	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	7	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	8	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	9	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	10	3.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	11	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2041	12	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	1	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	2	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2042	3	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	4	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	5	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	6	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	7	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	8	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	9	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	10	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	11	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2042	12	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	1	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	2	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	3	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	4	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	5	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	6	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	7	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	8	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	9	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	10	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	11	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2043	12	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	1	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	2	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	3	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	4	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	5	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	6	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	7	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	8	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	9	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	10	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	11	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2044	12	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	1	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	2	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	3	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	4	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	5	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	6	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	7	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	8	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	9	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	10	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	11	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2045	12	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	1	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2046	2	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	3	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	4	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	5	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	6	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	7	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	8	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	9	3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	10	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	11	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2046	12	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	1	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	2	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	3	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	4	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	5	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	6	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	7	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	8	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	9	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	10	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	11	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2047	12	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	1	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	2	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	3	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	4	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	5	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	6	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	7	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	8	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	9	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	10	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	11	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2048	12	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	1	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	2	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	3	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	4	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	5	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	6	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	7	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	8	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	9	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	10	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	11	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2049	12	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

2050	1	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	2	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	3	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	4	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	5	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	6	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	7	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	8	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	9	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	10	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	11	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1
2050	12	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
SALES_B_SL	128	2,018.4	71.1	1,818.0	2,157.0	-0.713	2.852	11.0	4.19E-03	1.000		EDB Adj
LogTrendVar	128	2.8	0.2	2.4	3.1	-0.235	1.876	7.9	1.91E-02	-0.800		
44297	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.041		
44482	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.100		
44543	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	0.132		
44422	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.086		
44392	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.072		
44456	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.141		
44216	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.077		
44307	128	0.0	0.1	0.0	1.0	11.181	126.008	83365.2	0.00E+00	-0.251		
Yr2020Plus	128	0.1	0.4	0.0	1.0	1.978	4.911	102.9	0.00E+00	-0.745		

	SALES_B_SL	LogTrendVar	11-Apr	13-Oct	13-Dec	14-Aug	15-Jul	17-Sep	20-Jan	21-Apr	Yr2020Plus
SALES_B_SL	1.000	-0.800	-0.041	0.100	0.132	-0.086	-0.072	-0.141	-0.077	-0.251	-0.745
LogTrendVar	-0.800	1.000	-0.158	-0.066	-0.061	-0.040	-0.012	0.048	0.104	0.132	0.568
44297	-0.041	-0.158	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.037
44482	0.100	-0.066	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.037
44543	0.132	-0.061	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.008	-0.037
44422	-0.086	-0.040	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.008	-0.037
44392	-0.072	-0.012	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.008	-0.037
44456	-0.141	0.048	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	-0.008	-0.037
44216	-0.077	0.104	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	-0.008	0.213
44307	-0.251	0.132	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	-0.008	1.000	0.213
Yr2020Plus	-0.745	0.568	-0.037	-0.037	-0.037	-0.037	-0.037	-0.037	0.213	0.213	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CONST	2596.300	85.915	30.219	0.00%		Constant term
mCALENDAR.LogTrendVar	-203.691	31.312	-6.505	0.00%		
MBin.Apr11	-110.777	20.463	-5.413	0.00%		
MBin.Oct13	50.817	20.404	2.491	1.42%		
MBin.Dec13	55.090	20.437	2.696	0.81%		
MBin.Aug14	-108.548	20.406	-5.319	0.00%		
MBin.Jul15	-58.256	20.403	-2.855	0.51%		
MBin.Sep17	-92.377	20.400	-4.528	0.00%		
MBin.Jan20	58.406	21.989	2.656	0.90%		
MBin.Apr21	-45.082	20.445	-2.205	2.94%		
MBin.Yr2020Plus	-83.725	15.809	-5.296	0.00%		
AR(1)	0.576	0.076	7.591	0.00%		

Model Statistics	
Iterations	11
Adjusted Observations	127
Deg. of Freedom for Error	115
R-Squared	0.897
Adjusted R-Squared	0.887
AIC	6.41
BIC	6.68
F-Statistic	91.023
Prob (F-Statistic)	0.0000
Log-Likelihood	-575.48
Model Sum of Squares	558,530.50
Sum of Squared Errors	64,150.55
Mean Squared Error	557.83
Std. Error of Regression	23.62
Mean Abs. Dev. (MAD)	17.52
Mean Abs. % Err. (MAPE)	0.87%
Durbin-Watson Statistic	2.151
Durbin-H Statistic	#NA
Ljung-Box Statistic	55.39
Prob (Ljung-Box)	0.0003
Skewness	0.328
Kurtosis	3.381
Jarque-Bera	3.050
Prob (Jarque-Bera)	0.2176

Forecast Statistics	
Forecast Observations	0
Mean Abs. Dev. (MAD)	0.00
Mean Abs. % Err. (MAPE)	0.00%
Avg. Forecast Error	0.00
Mean % Error	0.00%
Root Mean-Square Error	0.00
Theil's Inequality Coefficient	0.0000
-- Bias Proportion	0.00%
-- Variance Proportion	0.00%
-- Covariance Proportion	0.00%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	12	2,157.0				
2011	1	2,153.0	2134.626926	18.37307388	0.008533708	0.77791214
2011	2	2,122.0	2131.682893	-9.682892692	-0.004563097	-0.409971669
2011	3	2,082.0	2113.194472	-31.19447222	-0.014982936	-1.320767488
2011	4	1,986.0	1978.750332	7.249667509	0.003650386	0.30694942
2011	5	2,110.0	2097.411286	12.58871368	0.005966215	0.533003528
2011	6	2,069.0	2104.404104	-35.40410398	-0.017111698	-1.499002424
2011	7	2,042.0	2080.174934	-38.17493436	-0.018694875	-1.616318807
2011	8	2,079.0	2064.012644	14.98735625	0.007208926	0.634561557
2011	9	2,063.0	2084.711799	-21.71179928	-0.010524382	-0.919273081
2011	10	2,038.0	2074.892909	-36.89290891	-0.018102507	-1.562038116
2011	11	2,078.0	2059.895187	18.10481317	0.008712615	0.766554037
2011	12	2,073.0	2082.334626	-9.334625813	-0.004502955	-0.395226122
2012	1	2,068.0	2078.862986	-10.86298553	-0.005252894	-0.459936556
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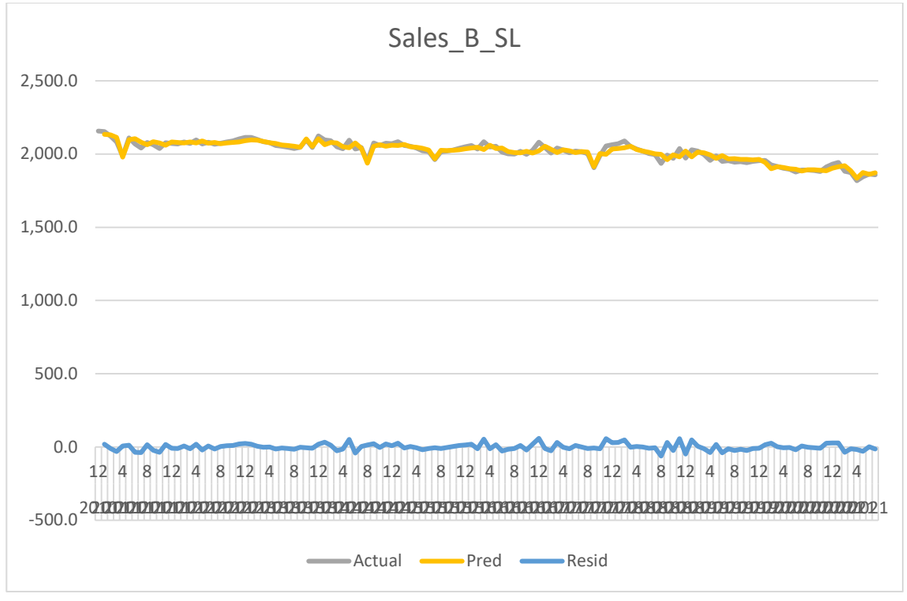

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2044	9	1738.328806
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2044	11	1737.571591
2044	12	1737.194036
2045	1	1736.81718
2045	2	1736.44102
2045	3	1736.065553
2045	4	1735.690777
2045	5	1735.316689
2045	6	1734.943287
2045	7	1734.570568
2045	8	1734.19853
2045	9	1733.827171
2045	10	1733.456487
2045	11	1733.086476
2045	12	1732.717137
2046	1	1732.348466

2046	2	1731.980461
2046	3	1731.613119
2046	4	1731.246439
2046	5	1730.880418
2046	6	1730.515054
2046	7	1730.150343
2046	8	1729.786285
2046	9	1729.422875
2046	10	1729.060114
2046	11	1728.697997
2046	12	1728.336522
2047	1	1727.975688
2047	2	1727.615493
2047	3	1727.255932
2047	4	1726.897006
2047	5	1726.538711
2047	6	1726.181045
2047	7	1725.824006
2047	8	1725.467592
2047	9	1725.1118
2047	10	1724.756628
2047	11	1724.402075
2047	12	1724.048138
2048	1	1723.694815
2048	2	1723.342104
2048	3	1722.990002
2048	4	1722.638508
2048	5	1722.28762
2048	6	1721.937335
2048	7	1721.587651
2048	8	1721.238567
2048	9	1720.890079
2048	10	1720.542187
2048	11	1720.194888
2048	12	1719.848181
2049	1	1719.502062
2049	2	1719.156531
2049	3	1718.811584
2049	4	1718.467221
2049	5	1718.12344
2049	6	1717.780237
2049	7	1717.437612
2049	8	1717.095562
2049	9	1716.754085
2049	10	1716.41318
2049	11	1716.072844
2049	12	1715.733077

2050	1	1715.393875
2050	2	1715.055237
2050	3	1714.717161
2050	4	1714.379645
2050	5	1714.042688
2050	6	1713.706287
2050	7	1713.37044
2050	8	1713.035147
2050	9	1712.700404
2050	10	1712.366211
2050	11	1712.032565
2050	12	1711.699465

Variable	Coefficient	Mean	Elast	Units	Definition
LogTrendVar	-203.691	2.772	-0.280		
44297	-110.777	0.008	-0.000		
44482	50.817	0.008	0.000		
44543	55.090	0.008	0.000		
44422	-108.548	0.008	-0.000		
44392	-58.256	0.008	-0.000		
44456	-92.377	0.008	-0.000		
44216	58.406	0.008	0.000		
44307	-45.082	0.008	-0.000		
Yr2020Plus	-83.725	0.148	-0.006		

Year	Month	Pred	CONST	LogTrendVar	11-Apr	13-Oct	13-Dec	14-Aug	15-Jul	17-Sep	20-Jan	21-Apr	Yr2020Plus	ARMA	X-Missing
2010	12		2,596.3	-488.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
2011	1	2,134.6	2,596.3	-490.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3	0.0
2011	2	2,131.7	2,596.3	-491.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	0.0
2011	3	2,113.2	2,596.3	-493.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0
2011	4	1,978.8	2,596.3	-494.5	-110.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.3	0.0
2011	5	2,097.4	2,596.3	-496.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.9	0.0
2011	6	2,104.4	2,596.3	-497.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
2011	7	2,080.2	2,596.3	-499.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-17.2	0.0
2011	8	2,064.0	2,596.3	-500.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-31.9	0.0
2011	9	2,084.7	2,596.3	-501.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.7	0.0
2011	10	2,074.9	2,596.3	-503.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-18.1	0.0
2011	11	2,059.9	2,596.3	-504.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-31.7	0.0
2011	12	2,082.3	2,596.3	-506.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.8	0.0
2012	1	2,078.9	2,596.3	-507.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.9	0.0
2012	2	2,075.4	2,596.3	-509.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.9	0.0
2012	3	2,083.4	2,596.3	-510.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.5	0.0
2012	4	2,076.5	2,596.3	-511.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.0	0.0
2012	5	2,089.8	2,596.3	-513.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
2012	6	2,073.7	2,596.3	-514.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.2	0.0
2012	7	2,080.0	2,596.3	-515.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	0.0
2012	8	2,071.4	2,596.3	-517.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.8	0.0
2012	9	2,074.8	2,596.3	-518.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0
2012	10	2,079.5	2,596.3	-519.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
2012	11	2,082.9	2,596.3	-521.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0
2012	12	2,090.5	2,596.3	-522.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0
2013	1	2,095.7	2,596.3	-523.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0
2013	2	2,095.1	2,596.3	-525.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	0.0
2013	3	2,086.5	2,596.3	-526.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0
2013	4	2,077.3	2,596.3	-527.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0
2013	5	2,072.8	2,596.3	-528.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0
2013	6	2,061.3	2,596.3	-530.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.8	0.0
2013	7	2,057.9	2,596.3	-531.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.0	0.0
2013	8	2,053.3	2,596.3	-532.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.3	0.0
2013	9	2,047.1	2,596.3	-533.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.4	0.0
2013	10	2,102.5	2,596.3	-535.1	0.0	50.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.5	0.0
2013	11	2,051.9	2,596.3	-536.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.1	0.0
2013	12	2,104.6	2,596.3	-537.6	0.0	0.0	55.1	0.0	0.0	0.0	0.0	0.0	0.0	-9.2	0.0
2014	1	2,063.4	2,596.3	-538.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0
2014	2	2,079.1	2,596.3	-540.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	0.0
2014	3	2,075.7	2,596.3	-541.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	0.0
2014	4	2,050.4	2,596.3	-542.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.5	0.0
2014	5	2,042.4	2,596.3	-543.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.3	0.0
2014	6	2,075.9	2,596.3	-544.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	0.0
2014	7	2,040.3	2,596.3	-545.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.1	0.0
2014	8	1,937.0	2,596.3	-547.0	0.0	0.0	0.0	-108.5	0.0	0.0	0.0	0.0	0.0	-3.7	0.0
2014	9	2,053.5	2,596.3	-548.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0

2014	10	2,063.0	2,596.3	-549.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0
2014	11	2,052.8	2,596.3	-550.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
2014	12	2,060.9	2,596.3	-551.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0
2015	1	2,058.1	2,596.3	-552.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0
2015	2	2,065.7	2,596.3	-553.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0
2015	3	2,050.3	2,596.3	-555.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
2015	4	2,046.9	2,596.3	-556.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0
2015	5	2,040.1	2,596.3	-557.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
2015	6	2,028.2	2,596.3	-558.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.9	0.0
2015	7	1,966.6	2,596.3	-559.4	0.0	0.0	0.0	0.0	-58.3	0.0	0.0	0.0	0.0	-12.1	0.0
2015	8	2,025.7	2,596.3	-560.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.2	0.0
2015	9	2,023.3	2,596.3	-561.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.4	0.0
2015	10	2,025.2	2,596.3	-562.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.5	0.0
2015	11	2,029.3	2,596.3	-563.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.3	0.0
2015	12	2,035.2	2,596.3	-564.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
2016	1	2,040.5	2,596.3	-565.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
2016	2	2,045.9	2,596.3	-566.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0
2016	3	2,031.0	2,596.3	-567.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
2016	4	2,059.4	2,596.3	-569.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0
2016	5	2,038.2	2,596.3	-570.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0
2016	6	2,041.2	2,596.3	-571.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0
2016	7	2,017.8	2,596.3	-572.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.5	0.0
2016	8	2,010.4	2,596.3	-573.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-12.8	0.0
2016	9	2,008.8	2,596.3	-574.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.4	0.0
2016	10	2,019.4	2,596.3	-575.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.9	0.0
2016	11	2,006.8	2,596.3	-576.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.4	0.0
2016	12	2,022.0	2,596.3	-577.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0
2017	1	2,053.8	2,596.3	-578.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.6	0.0
2017	2	2,032.1	2,596.3	-579.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0
2017	3	2,010.3	2,596.3	-580.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.9	0.0
2017	4	2,029.5	2,596.3	-581.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0
2017	5	2,021.6	2,596.3	-582.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0
2017	6	2,010.3	2,596.3	-583.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0
2017	7	2,016.2	2,596.3	-584.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0
2017	8	2,013.5	2,596.3	-584.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
2017	9	1,913.2	2,596.3	-585.9	0.0	0.0	0.0	0.0	0.0	-92.4	0.0	0.0	0.0	-4.8	0.0
2017	10	2,002.5	2,596.3	-586.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.9	0.0
2017	11	1,997.3	2,596.3	-587.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-11.2	0.0
2017	12	2,034.3	2,596.3	-588.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0
2018	1	2,038.5	2,596.3	-589.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	0.0
2018	2	2,042.2	2,596.3	-590.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	0.0
2018	3	2,053.3	2,596.3	-591.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.6	0.0
2018	4	2,030.5	2,596.3	-592.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.0
2018	5	2,020.3	2,596.3	-593.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	0.0
2018	6	2,012.4	2,596.3	-594.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0
2018	7	2,002.2	2,596.3	-595.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
2018	8	1,997.8	2,596.3	-596.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.3	0.0

2018	9	1,962.3	2,596.3	-597.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-36.9	0.0
2018	10	1,994.7	2,596.3	-598.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.6	0.0
2018	11	1,981.1	2,596.3	-598.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-16.3	0.0
2018	12	2,019.9	2,596.3	-599.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	0.0
2019	1	1,981.5	2,596.3	-600.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-14.1	0.0
2019	2	2,014.0	2,596.3	-601.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0
2019	3	2,008.4	2,596.3	-602.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0
2019	4	1,994.2	2,596.3	-603.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
2019	5	1,970.8	2,596.3	-604.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-21.3	0.0
2019	6	1,988.9	2,596.3	-605.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	0.0
2019	7	1,966.6	2,596.3	-605.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.8	0.0
2019	8	1,969.1	2,596.3	-606.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20.4	0.0
2019	9	1,963.0	2,596.3	-607.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-25.6	0.0
2019	10	1,964.4	2,596.3	-608.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-23.4	0.0
2019	11	1,960.0	2,596.3	-609.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-27.0	0.0
2019	12	1,964.2	2,596.3	-610.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-21.9	0.0
2020	1	1,942.0	2,596.3	-611.0	0.0	0.0	0.0	0.0	0.0	0.0	58.4	0.0	-83.7	-17.9	0.0
2020	2	1,899.0	2,596.3	-611.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-1.7	0.0
2020	3	1,913.8	2,596.3	-612.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	14.0	0.0
2020	4	1,907.7	2,596.3	-613.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	8.7	0.0
2020	5	1,900.5	2,596.3	-614.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	2.3	0.0
2020	6	1,896.7	2,596.3	-615.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.7	0.0
2020	7	1,884.8	2,596.3	-616.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-11.7	0.0
2020	8	1,892.5	2,596.3	-616.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-3.2	0.0
2020	9	1,892.2	2,596.3	-617.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-2.7	0.0
2020	10	1,889.5	2,596.3	-618.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-4.5	0.0
2020	11	1,885.7	2,596.3	-619.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-7.5	0.0
2020	12	1,902.7	2,596.3	-620.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	10.2	0.0
2021	1	1,913.8	2,596.3	-620.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	22.2	0.0
2021	2	1,919.8	2,596.3	-621.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	29.0	0.0
2021	3	1,885.5	2,596.3	-622.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-4.5	0.0
2021	4	1,834.9	2,596.3	-623.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-45.1	-83.7	-9.2	0.0
2021	5	1,873.4	2,596.3	-624.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-15.1	0.0
2021	6	1,862.1	2,596.3	-624.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-25.6	0.0
2021	7	1,872.7	2,596.3	-625.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-14.2	0.0
2021	8	1,870.0	2,596.3	-626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-16.0	0.0
2021	9	1,876.0	2,596.3	-627.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-9.2	0.0
2021	10	1,879.2	2,596.3	-628.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-5.3	0.0
2021	11	1,880.7	2,596.3	-628.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-3.1	0.0
2021	12	1,881.2	2,596.3	-629.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-1.8	0.0
2022	1	1,881.2	2,596.3	-630.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-1.0	0.0
2022	2	1,880.8	2,596.3	-631.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.6	0.0
2022	3	1,880.3	2,596.3	-631.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.3	0.0
2022	4	1,879.7	2,596.3	-632.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.2	0.0
2022	5	1,879.0	2,596.3	-633.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.1	0.0
2022	6	1,878.3	2,596.3	-634.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.1	0.0
2022	7	1,877.6	2,596.3	-634.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2022	8	1,876.9	2,596.3	-635.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2022	9	1,876.1	2,596.3	-636.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2022	10	1,875.4	2,596.3	-637.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2022	11	1,874.6	2,596.3	-637.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2022	12	1,873.9	2,596.3	-638.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	1	1,873.2	2,596.3	-639.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	2	1,872.4	2,596.3	-640.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	3	1,871.7	2,596.3	-640.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	4	1,871.0	2,596.3	-641.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	5	1,870.2	2,596.3	-642.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	6	1,869.5	2,596.3	-643.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	7	1,868.8	2,596.3	-643.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	8	1,868.1	2,596.3	-644.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	9	1,867.4	2,596.3	-645.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	10	1,866.7	2,596.3	-645.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	11	1,865.9	2,596.3	-646.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2023	12	1,865.2	2,596.3	-647.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	1	1,864.5	2,596.3	-648.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	2	1,863.8	2,596.3	-648.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	3	1,863.1	2,596.3	-649.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	4	1,862.4	2,596.3	-650.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	5	1,861.7	2,596.3	-650.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	6	1,861.0	2,596.3	-651.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	7	1,860.3	2,596.3	-652.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	8	1,859.7	2,596.3	-652.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	9	1,859.0	2,596.3	-653.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	10	1,858.3	2,596.3	-654.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	11	1,857.6	2,596.3	-655.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2024	12	1,856.9	2,596.3	-655.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	1	1,856.2	2,596.3	-656.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	2	1,855.6	2,596.3	-657.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	3	1,854.9	2,596.3	-657.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	4	1,854.2	2,596.3	-658.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	5	1,853.6	2,596.3	-659.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	6	1,852.9	2,596.3	-659.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	7	1,852.2	2,596.3	-660.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	8	1,851.6	2,596.3	-661.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	9	1,850.9	2,596.3	-661.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	10	1,850.2	2,596.3	-662.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	11	1,849.6	2,596.3	-663.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2025	12	1,848.9	2,596.3	-663.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	1	1,848.3	2,596.3	-664.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	2	1,847.6	2,596.3	-664.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	3	1,847.0	2,596.3	-665.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	4	1,846.3	2,596.3	-666.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	5	1,845.7	2,596.3	-666.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	6	1,845.1	2,596.3	-667.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2026	7	1,844.4	2,596.3	-668.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	8	1,843.8	2,596.3	-668.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	9	1,843.1	2,596.3	-669.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	10	1,842.5	2,596.3	-670.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	11	1,841.9	2,596.3	-670.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2026	12	1,841.2	2,596.3	-671.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	1	1,840.6	2,596.3	-672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2027	2	1,840.0	2,596.3	-672.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2027	3	1,839.4	2,596.3	-673.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	4	1,838.7	2,596.3	-673.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	5	1,838.1	2,596.3	-674.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	6	1,837.5	2,596.3	-675.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	7	1,836.9	2,596.3	-675.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	8	1,836.3	2,596.3	-676.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	9	1,835.7	2,596.3	-676.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	10	1,835.1	2,596.3	-677.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2027	11	1,834.4	2,596.3	-678.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2027	12	1,833.8	2,596.3	-678.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	1	1,833.2	2,596.3	-679.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	2	1,832.6	2,596.3	-679.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	3	1,832.0	2,596.3	-680.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	4	1,831.4	2,596.3	-681.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	5	1,830.8	2,596.3	-681.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	6	1,830.2	2,596.3	-682.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	7	1,829.6	2,596.3	-682.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	8	1,829.0	2,596.3	-683.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2028	9	1,828.5	2,596.3	-684.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	10	1,827.9	2,596.3	-684.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	11	1,827.3	2,596.3	-685.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2028	12	1,826.7	2,596.3	-685.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	1	1,826.1	2,596.3	-686.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	2	1,825.5	2,596.3	-687.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2029	3	1,824.9	2,596.3	-687.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	4	1,824.4	2,596.3	-688.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	5	1,823.8	2,596.3	-688.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	6	1,823.2	2,596.3	-689.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2029	7	1,822.6	2,596.3	-689.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	8	1,822.1	2,596.3	-690.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	9	1,821.5	2,596.3	-691.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2029	10	1,820.9	2,596.3	-691.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	11	1,820.4	2,596.3	-692.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2029	12	1,819.8	2,596.3	-692.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	1	1,819.2	2,596.3	-693.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	2	1,818.7	2,596.3	-693.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	3	1,818.1	2,596.3	-694.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	4	1,817.5	2,596.3	-695.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	5	1,817.0	2,596.3	-695.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2030	6	1,816.4	2,596.3	-696.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	7	1,815.9	2,596.3	-696.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	8	1,815.3	2,596.3	-697.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	9	1,814.8	2,596.3	-697.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	10	1,814.2	2,596.3	-698.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	11	1,813.7	2,596.3	-698.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2030	12	1,813.1	2,596.3	-699.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2031	1	1,812.6	2,596.3	-700.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	2	1,812.0	2,596.3	-700.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	3	1,811.5	2,596.3	-701.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	4	1,810.9	2,596.3	-701.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	5	1,810.4	2,596.3	-702.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	6	1,809.8	2,596.3	-702.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	7	1,809.3	2,596.3	-703.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	8	1,808.8	2,596.3	-703.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	9	1,808.2	2,596.3	-704.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	10	1,807.7	2,596.3	-704.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	11	1,807.2	2,596.3	-705.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2031	12	1,806.6	2,596.3	-705.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	1	1,806.1	2,596.3	-706.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	2	1,805.6	2,596.3	-707.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	3	1,805.1	2,596.3	-707.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	4	1,804.5	2,596.3	-708.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	5	1,804.0	2,596.3	-708.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	6	1,803.5	2,596.3	-709.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	7	1,803.0	2,596.3	-709.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	8	1,802.4	2,596.3	-710.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	9	1,801.9	2,596.3	-710.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	10	1,801.4	2,596.3	-711.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	11	1,800.9	2,596.3	-711.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2032	12	1,800.4	2,596.3	-712.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	1	1,799.9	2,596.3	-712.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	2	1,799.3	2,596.3	-713.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	3	1,798.8	2,596.3	-713.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	4	1,798.3	2,596.3	-714.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	5	1,797.8	2,596.3	-714.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	6	1,797.3	2,596.3	-715.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	7	1,796.8	2,596.3	-715.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	8	1,796.3	2,596.3	-716.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	9	1,795.8	2,596.3	-716.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	10	1,795.3	2,596.3	-717.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	11	1,794.8	2,596.3	-717.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2033	12	1,794.3	2,596.3	-718.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2034	1	1,793.8	2,596.3	-718.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	2	1,793.3	2,596.3	-719.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	3	1,792.8	2,596.3	-719.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	4	1,792.3	2,596.3	-720.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2034	5	1,791.8	2,596.3	-720.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	6	1,791.3	2,596.3	-721.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	7	1,790.8	2,596.3	-721.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	8	1,790.3	2,596.3	-722.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	9	1,789.8	2,596.3	-722.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	10	1,789.4	2,596.3	-723.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	11	1,788.9	2,596.3	-723.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2034	12	1,788.4	2,596.3	-724.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	1	1,787.9	2,596.3	-724.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	2	1,787.4	2,596.3	-725.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	3	1,786.9	2,596.3	-725.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	4	1,786.5	2,596.3	-726.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2035	5	1,786.0	2,596.3	-726.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	6	1,785.5	2,596.3	-727.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2035	7	1,785.0	2,596.3	-727.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	8	1,784.5	2,596.3	-728.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2035	9	1,784.1	2,596.3	-728.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	10	1,783.6	2,596.3	-729.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	11	1,783.1	2,596.3	-729.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2035	12	1,782.6	2,596.3	-729.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	1	1,782.2	2,596.3	-730.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	2	1,781.7	2,596.3	-730.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	3	1,781.2	2,596.3	-731.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	4	1,780.8	2,596.3	-731.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	5	1,780.3	2,596.3	-732.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	6	1,779.8	2,596.3	-732.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2036	7	1,779.4	2,596.3	-733.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	8	1,778.9	2,596.3	-733.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	9	1,778.4	2,596.3	-734.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	10	1,778.0	2,596.3	-734.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	11	1,777.5	2,596.3	-735.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2036	12	1,777.1	2,596.3	-735.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	1	1,776.6	2,596.3	-736.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	2	1,776.1	2,596.3	-736.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	3	1,775.7	2,596.3	-736.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	4	1,775.2	2,596.3	-737.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2037	5	1,774.8	2,596.3	-737.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	6	1,774.3	2,596.3	-738.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	7	1,773.9	2,596.3	-738.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	8	1,773.4	2,596.3	-739.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	9	1,773.0	2,596.3	-739.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	10	1,772.5	2,596.3	-740.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	11	1,772.1	2,596.3	-740.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2037	12	1,771.6	2,596.3	-740.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	1	1,771.2	2,596.3	-741.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	2	1,770.7	2,596.3	-741.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	3	1,770.3	2,596.3	-742.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

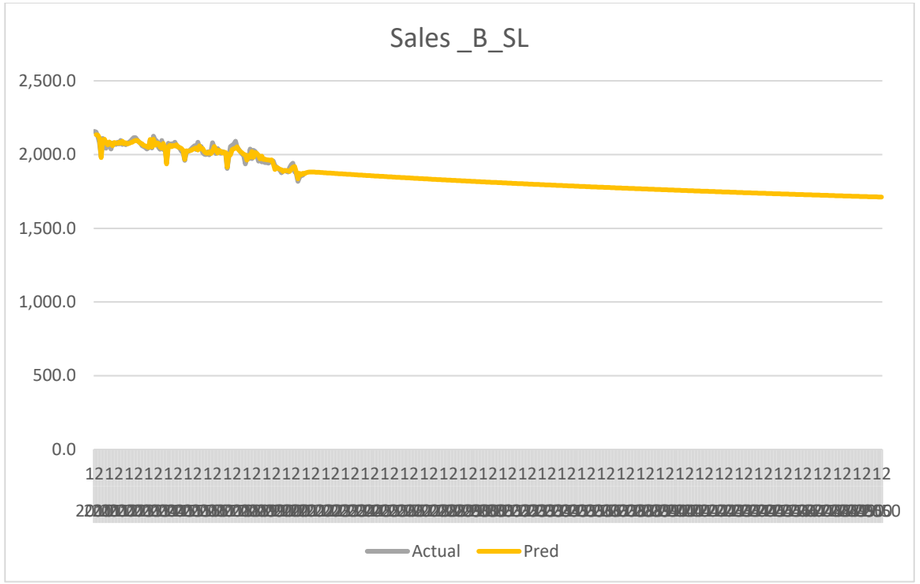
2038	4	1,769.9	2,596.3	-742.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	5	1,769.4	2,596.3	-743.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	6	1,769.0	2,596.3	-743.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	7	1,768.5	2,596.3	-744.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2038	8	1,768.1	2,596.3	-744.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	9	1,767.7	2,596.3	-744.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	10	1,767.2	2,596.3	-745.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	11	1,766.8	2,596.3	-745.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2038	12	1,766.3	2,596.3	-746.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	1	1,765.9	2,596.3	-746.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	2	1,765.5	2,596.3	-747.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2039	3	1,765.0	2,596.3	-747.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	4	1,764.6	2,596.3	-748.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	5	1,764.2	2,596.3	-748.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	6	1,763.7	2,596.3	-748.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	7	1,763.3	2,596.3	-749.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2039	8	1,762.9	2,596.3	-749.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	9	1,762.5	2,596.3	-750.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	10	1,762.0	2,596.3	-750.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	11	1,761.6	2,596.3	-751.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2039	12	1,761.2	2,596.3	-751.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	1	1,760.8	2,596.3	-751.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	2	1,760.3	2,596.3	-752.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	3	1,759.9	2,596.3	-752.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	4	1,759.5	2,596.3	-753.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	5	1,759.1	2,596.3	-753.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	6	1,758.7	2,596.3	-753.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	7	1,758.2	2,596.3	-754.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	8	1,757.8	2,596.3	-754.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	9	1,757.4	2,596.3	-755.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	10	1,757.0	2,596.3	-755.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	11	1,756.6	2,596.3	-756.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2040	12	1,756.2	2,596.3	-756.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	1	1,755.7	2,596.3	-756.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	2	1,755.3	2,596.3	-757.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	3	1,754.9	2,596.3	-757.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	4	1,754.5	2,596.3	-758.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	5	1,754.1	2,596.3	-758.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	6	1,753.7	2,596.3	-758.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	7	1,753.3	2,596.3	-759.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2041	8	1,752.9	2,596.3	-759.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	9	1,752.5	2,596.3	-760.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	10	1,752.1	2,596.3	-760.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2041	11	1,751.7	2,596.3	-760.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2041	12	1,751.2	2,596.3	-761.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	1	1,750.8	2,596.3	-761.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	2	1,750.4	2,596.3	-762.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2042	3	1,750.0	2,596.3	-762.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	4	1,749.6	2,596.3	-762.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	5	1,749.2	2,596.3	-763.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	6	1,748.8	2,596.3	-763.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	7	1,748.4	2,596.3	-764.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	8	1,748.0	2,596.3	-764.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	9	1,747.6	2,596.3	-764.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	10	1,747.2	2,596.3	-765.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	11	1,746.8	2,596.3	-765.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2042	12	1,746.5	2,596.3	-766.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	1	1,746.1	2,596.3	-766.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	2	1,745.7	2,596.3	-766.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	3	1,745.3	2,596.3	-767.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	4	1,744.9	2,596.3	-767.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	5	1,744.5	2,596.3	-768.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	6	1,744.1	2,596.3	-768.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	7	1,743.7	2,596.3	-768.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	8	1,743.3	2,596.3	-769.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	9	1,742.9	2,596.3	-769.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	10	1,742.5	2,596.3	-770.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2043	11	1,742.2	2,596.3	-770.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2043	12	1,741.8	2,596.3	-770.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	1	1,741.4	2,596.3	-771.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	2	1,741.0	2,596.3	-771.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	3	1,740.6	2,596.3	-772.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	4	1,740.2	2,596.3	-772.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	5	1,739.9	2,596.3	-772.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	6	1,739.5	2,596.3	-773.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	7	1,739.1	2,596.3	-773.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	8	1,738.7	2,596.3	-773.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	9	1,738.3	2,596.3	-774.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	10	1,737.9	2,596.3	-774.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	11	1,737.6	2,596.3	-775.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2044	12	1,737.2	2,596.3	-775.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	1	1,736.8	2,596.3	-775.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	2	1,736.4	2,596.3	-776.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	3	1,736.1	2,596.3	-776.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	4	1,735.7	2,596.3	-776.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	5	1,735.3	2,596.3	-777.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	6	1,734.9	2,596.3	-777.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	7	1,734.6	2,596.3	-778.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	8	1,734.2	2,596.3	-778.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	9	1,733.8	2,596.3	-778.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	10	1,733.5	2,596.3	-779.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	11	1,733.1	2,596.3	-779.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2045	12	1,732.7	2,596.3	-779.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	1	1,732.3	2,596.3	-780.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2046	2	1,732.0	2,596.3	-780.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	3	1,731.6	2,596.3	-781.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	4	1,731.2	2,596.3	-781.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	5	1,730.9	2,596.3	-781.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	6	1,730.5	2,596.3	-782.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	7	1,730.2	2,596.3	-782.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2046	8	1,729.8	2,596.3	-782.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	9	1,729.4	2,596.3	-783.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	10	1,729.1	2,596.3	-783.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	11	1,728.7	2,596.3	-783.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2046	12	1,728.3	2,596.3	-784.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	1	1,728.0	2,596.3	-784.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	2	1,727.6	2,596.3	-785.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	3	1,727.3	2,596.3	-785.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	4	1,726.9	2,596.3	-785.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	5	1,726.5	2,596.3	-786.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	6	1,726.2	2,596.3	-786.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	7	1,725.8	2,596.3	-786.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	8	1,725.5	2,596.3	-787.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2047	9	1,725.1	2,596.3	-787.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2047	10	1,724.8	2,596.3	-787.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	11	1,724.4	2,596.3	-788.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2047	12	1,724.0	2,596.3	-788.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	1	1,723.7	2,596.3	-788.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	2	1,723.3	2,596.3	-789.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	3	1,723.0	2,596.3	-789.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	4	1,722.6	2,596.3	-789.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2048	5	1,722.3	2,596.3	-790.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	6	1,721.9	2,596.3	-790.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	7	1,721.6	2,596.3	-791.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	8	1,721.2	2,596.3	-791.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	9	1,720.9	2,596.3	-791.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	10	1,720.5	2,596.3	-792.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	11	1,720.2	2,596.3	-792.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2048	12	1,719.8	2,596.3	-792.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2049	1	1,719.5	2,596.3	-793.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	2	1,719.2	2,596.3	-793.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	3	1,718.8	2,596.3	-793.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2049	4	1,718.5	2,596.3	-794.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	5	1,718.1	2,596.3	-794.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	6	1,717.8	2,596.3	-794.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	7	1,717.4	2,596.3	-795.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	8	1,717.1	2,596.3	-795.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	9	1,716.8	2,596.3	-795.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	10	1,716.4	2,596.3	-796.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2049	11	1,716.1	2,596.3	-796.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2049	12	1,715.7	2,596.3	-796.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

2050	1	1,715.4	2,596.3	-797.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	2	1,715.1	2,596.3	-797.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2050	3	1,714.7	2,596.3	-797.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	4	1,714.4	2,596.3	-798.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0	0.0
2050	5	1,714.0	2,596.3	-798.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	6	1,713.7	2,596.3	-798.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	7	1,713.4	2,596.3	-799.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	8	1,713.0	2,596.3	-799.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	9	1,712.7	2,596.3	-799.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	10	1,712.4	2,596.3	-800.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	11	1,712.0	2,596.3	-800.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0
2050	12	1,711.7	2,596.3	-800.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	-0.0	0.0

Year	Month	Actual	Pred	Upper	Lower	Sigma	MAPE
2010	12	2,157.0					
2011	1	2,153.0	2134.626926	2186.86001	2082.393842	26.36973106	0.85%
2011	2	2,122.0	2131.682893	2183.733998	2079.631787	26.27785977	0.46%
2011	3	2,082.0	2113.194472	2165.068436	2061.320508	26.18843019	1.50%
2011	4	1,986.0	1978.750332	2043.418255	1914.08241	32.64742552	0.37%
2011	5	2,110.0	2097.411286	2148.94523	2045.877343	26.01677187	0.60%
2011	6	2,069.0	2104.404104	2155.775048	2053.03316	25.93448192	1.71%
2011	7	2,042.0	2080.174934	2131.387473	2028.962396	25.85451122	1.87%
2011	8	2,079.0	2064.012644	2115.071311	2012.953976	25.77683002	0.72%
2011	9	2,063.0	2084.711799	2135.621073	2033.802526	25.7014089	1.05%
2011	10	2,038.0	2074.892909	2125.657208	2024.12861	25.62821876	1.81%
2011	11	2,078.0	2059.895187	2110.518873	2009.271501	25.5572308	0.87%
2011	12	2,073.0	2082.334626	2132.822005	2031.847247	25.4884165	0.45%
2012	1	2,068.0	2078.862986	2129.218307	2028.507664	25.42174766	0.53%
2012	2	2,083.0	2075.395376	2125.622835	2025.167918	25.35719633	0.37%
2012	3	2,072.0	2083.449595	2133.55333	2033.34586	25.29473486	0.55%
2012	4	2,096.0	2076.53453	2126.518627	2026.550434	25.23433584	0.93%
2012	5	2,069.0	2089.779577	2139.648067	2039.911087	25.17597213	1.00%
2012	6	2,081.0	2073.657921	2123.414783	2023.901059	25.11961686	0.35%
2012	7	2,067.0	2079.999845	2129.649004	2030.350686	25.06524337	0.63%
2012	8	2,074.0	2071.372282	2120.917611	2021.826953	25.0128253	0.13%
2012	9	2,083.0	2074.842135	2124.287456	2025.396814	24.96233647	0.39%
2012	10	2,090.0	2079.467397	2128.81648	2030.118314	24.91375097	0.50%
2012	11	2,104.0	2082.944452	2132.201017	2033.687888	24.86704313	1.00%
2012	12	2,114.0	2090.456287	2139.624002	2041.288573	24.82218747	1.11%
2013	1	2,114.0	2095.668039	2144.750523	2046.585556	24.77915876	0.87%
2013	2	2,100.0	2095.124309	2144.125131	2046.123488	24.737932	0.23%
2013	3	2,085.0	2086.521484	2135.444164	2037.598804	24.69848239	0.07%
2013	4	2,078.0	2077.346124	2126.194133	2028.498114	24.66078536	0.03%
2013	5	2,059.0	2072.781221	2121.557984	2024.004458	24.62481654	0.67%
2013	6	2,054.0	2061.308883	2110.017775	2012.599992	24.59055179	0.36%
2013	7	2,047.0	2057.902278	2106.546626	2009.25793	24.55796717	0.53%
2013	8	2,037.0	2053.347084	2101.930169	2004.763999	24.52703895	0.80%
2013	9	2,046.0	2047.067371	2095.592428	1998.542314	24.49774362	0.05%
2013	10	2,098.0	2102.549315	2165.301265	2039.797366	31.68015164	0.22%
2013	11	2,044.0	2051.899677	2100.318196	2003.481157	24.4439586	0.39%
2013	12	2,124.0	2104.645327	2167.362556	2041.928098	31.66262323	0.91%
2014	1	2,097.0	2063.391502	2111.715874	2015.067131	24.39642811	1.60%
2014	2	2,092.0	2079.06306	2127.344892	2030.781229	24.37495171	0.62%
2014	3	2,049.0	2075.680988	2123.923242	2027.438734	24.35497143	1.30%
2014	4	2,036.0	2050.417905	2098.623502	2002.212307	24.3364652	0.71%
2014	5	2,095.0	2042.434472	2090.606289	1994.262656	24.31941113	2.51%
2014	6	2,034.0	2075.918146	2124.059015	2027.777276	24.30378757	2.06%
2014	7	2,044.0	2040.297519	2088.410232	1992.184806	24.28957304	0.18%
2014	8	1,950.0	1937.019855	1999.553131	1874.486579	31.569755	0.67%
2014	9	2,076.0	2053.460577	2101.525183	2005.39597	24.26528623	1.09%



Residual and Variable significant test indicate good model
Leave forecast unchanged between Fall and January Forecast

2014	10	2,059.0	2063.028004	2111.072576	2014.983432	24.25517204	0.20%
2014	11	2,074.0	2052.757571	2100.784734	2004.730409	24.24638306	1.02%
2014	12	2,070.0	2060.918357	2108.930695	2012.906019	24.23889883	0.44%
2015	1	2,084.0	2058.139809	2106.139867	2010.139751	24.23269912	1.24%
2015	2	2,058.0	2065.729924	2113.720206	2017.739642	24.22776387	0.38%
2015	3	2,053.0	2050.286906	2098.269877	2002.303934	24.22407327	0.13%
2015	4	2,042.0	2046.940172	2094.91826	1998.962084	24.22160767	0.24%
2015	5	2,022.0	2040.140596	2088.116188	1992.165004	24.22034765	0.90%
2015	6	2,017.0	2028.160474	2076.13592	1980.185028	24.22027398	0.55%
2015	7	1,961.0	1966.564909	2029.033917	1904.0959	31.5373098	0.28%
2015	8	2,016.0	2025.663208	2073.645261	1977.681154	24.22360983	0.48%
2015	9	2,020.0	2023.332966	2071.321699	1975.344233	24.22698193	0.16%
2015	10	2,028.0	2025.183952	2073.181566	1977.186338	24.23146553	0.14%
2015	11	2,039.0	2029.340867	2077.349528	1981.332207	24.23704243	0.47%
2015	12	2,049.0	2035.227795	2083.249632	1987.205957	24.24369464	0.67%
2016	1	2,059.0	2040.541139	2088.578248	1992.50403	24.25140435	0.90%
2016	2	2,034.0	2045.85677	2093.91121	1997.80233	24.26015399	0.58%
2016	3	2,084.0	2031.018424	2079.092221	1982.944627	24.26992616	2.54%
2016	4	2,048.0	2059.374261	2107.469406	2011.279116	24.28070369	0.56%
2016	5	2,054.0	2038.205553	2086.324004	1990.087102	24.29246959	0.77%
2016	6	2,014.0	2041.226529	2089.37021	1993.082848	24.30520708	1.35%
2016	7	2,002.0	2017.75862	2065.929423	1969.587816	24.3188996	0.79%
2016	8	2,000.0	2010.417854	2058.617638	1962.218069	24.33353076	0.52%
2016	9	2,019.0	2008.838144	2057.068737	1960.60755	24.34908439	0.50%
2016	10	1,998.0	2019.354287	2067.617484	1971.091089	24.36554454	1.07%
2016	11	2,025.0	2006.836816	2055.134382	1958.539249	24.38289541	0.90%
2016	12	2,081.0	2021.964256	2070.297924	1973.630588	24.40112145	2.84%
2017	1	2,044.0	2053.794629	2102.166102	2005.423156	24.42020727	0.48%
2017	2	2,007.0	2032.069021	2080.479972	1983.658069	24.44013771	1.25%
2017	3	2,041.0	2010.345421	2058.797494	1961.893348	24.46089778	1.50%
2017	4	2,028.0	2029.512184	2078.006992	1981.017376	24.4824727	0.07%
2017	5	2,009.0	2021.613966	2070.153095	1973.074837	24.50484789	0.63%
2017	6	2,020.0	2010.262345	2058.847351	1961.677338	24.52800894	0.48%
2017	7	2,016.0	2016.189434	2064.821846	1967.557021	24.55194168	0.01%
2017	8	2,003.0	2013.48005	2062.161369	1964.798731	24.57663207	0.52%
2017	9	1,906.0	1913.212926	1976.118205	1850.307647	31.75755974	0.38%
2017	10	1,990.0	2002.524913	2051.308439	1953.741387	24.62823078	0.63%
2017	11	2,055.0	1997.300714	2046.137486	1948.463942	24.65511203	2.81%
2017	12	2,063.0	2034.335402	2083.226814	1985.443991	24.68269682	1.39%
2018	1	2,070.0	2038.546042	2087.493461	1989.598622	24.71097207	1.52%
2018	2	2,090.0	2042.1826	2091.187369	1993.177831	24.73992492	2.29%
2018	3	2,051.0	2053.307556	2102.370992	2004.24412	24.76954266	0.11%
2018	4	2,034.0	2030.456629	2079.580024	1981.333234	24.79981278	0.17%
2018	5	2,021.0	2020.277102	2069.461723	1971.09248	24.83072295	0.04%
2018	6	2,004.0	2012.402891	2061.649983	1963.155799	24.86226101	0.42%
2018	7	1,997.0	2002.226842	2051.537625	1952.91606	24.89441499	0.26%
2018	8	1,936.0	1997.811434	2047.187104	1948.435765	24.92717309	3.19%

2018	9	1,993.0	1962.299528	2011.741259	1912.857798	24.96052368	1.54%
2018	10	1,970.0	1994.744632	2044.253574	1945.23569	24.99445532	1.26%
2018	11	2,038.0	1981.12	2030.697283	1931.542718	25.02895671	2.79%
2018	12	1,972.0	2019.903249	2069.549979	1970.25652	25.06401676	2.43%
2019	1	2,029.0	1981.518535	2031.235796	1931.801274	25.09962452	2.34%
2019	2	2,020.0	2013.970235	2063.759092	1964.181379	25.13576921	0.30%
2019	3	1,996.0	2008.414639	2058.276133	1958.553145	25.17244023	0.62%
2019	4	1,956.0	1994.222254	2044.157408	1944.287101	25.20962712	1.95%
2019	5	1,988.0	1970.817174	2020.826989	1920.807359	25.24731961	0.86%
2019	6	1,950.0	1988.877932	2038.96339	1938.792475	25.28550756	1.99%
2019	7	1,955.0	1966.627769	2016.789831	1916.465707	25.324181	0.59%
2019	8	1,945.0	1969.142533	2019.382141	1918.902925	25.36333014	1.24%
2019	9	1,948.0	1963.020441	2013.338519	1912.702363	25.40294531	0.77%
2019	10	1,941.0	1964.386473	2014.783925	1913.989021	25.44301701	1.20%
2019	11	1,949.0	1959.995087	2010.472798	1909.517375	25.48353588	0.56%
2019	12	1,955.0	1964.243584	2014.802423	1913.684746	25.52449273	0.47%
2020	1	1,957.0	1942.023445	2005.283105	1878.763785	31.93646808	0.77%
2020	2	1,925.0	1898.993903	1951.571676	1846.41613	26.54374638	1.35%
2020	3	1,915.0	1913.846851	1966.420265	1861.273437	26.54154577	0.06%
2020	4	1,903.0	1907.73514	1960.30545	1855.164831	26.53997835	0.25%
2020	5	1,897.0	1900.473079	1953.041523	1847.904635	26.53903652	0.18%
2020	6	1,877.0	1896.667797	1949.235599	1844.099994	26.53871273	1.05%
2020	7	1,891.0	1884.80143	1937.3698	1832.233059	26.5389995	0.33%
2020	8	1,891.0	1892.516811	1945.086944	1839.946677	26.53988941	0.08%
2020	9	1,887.0	1892.171085	1944.744161	1839.598008	26.54137514	0.27%
2020	10	1,881.0	1889.523166	1942.100351	1836.945981	26.54344939	0.45%
2020	11	1,911.0	1885.72483	1938.307275	1833.142385	26.54610497	1.32%
2020	12	1,931.0	1902.659983	1955.248825	1850.07114	26.54933475	1.47%
2021	1	1,942.0	1913.837555	1966.433919	1861.241192	26.55313164	1.45%
2021	2	1,883.0	1919.83343	1972.438424	1867.228436	26.55748865	1.96%
2021	3	1,874.0	1885.518148	1938.132868	1832.903428	26.56239883	0.61%
2021	4	1,818.0	1834.917222	1900.13033	1769.704114	32.92266087	0.93%
2021	5	1,844.0	1873.375977	1926.013382	1820.738572	26.57385131	1.59%
2021	6	1,863.0	1862.053325	1914.703662	1809.402988	26.58038006	0.05%
2021	7	1,859.0	1872.662861	1925.327172	1819.99855	26.5874349	0.73%
2021	8		1870.028142	1922.707457	1817.348828	26.5950092	
2021	9		1876.049283	1935.23272	1816.865846	29.87859785	
2021	10		1879.188185	1940.386335	1817.990034	30.89572034	
2021	11		1880.668471	1942.530857	1818.806084	31.23105839	
2021	12		1881.194808	1943.28698	1819.102637	31.34706476	
2022	1		1881.173001	1943.352786	1818.993217	31.39129584	
2022	2		1880.836739	1943.057679	1818.615799	31.412073	
2022	3		1880.320592	1942.567831	1818.073354	31.42534993	
2022	4		1879.702051	1941.97119	1817.432913	31.43640592	
2022	5		1879.025733	1941.315831	1816.735635	31.44698731	
2022	6		1878.317322	1940.62858	1816.006064	31.45766974	
2022	7		1877.591603	1939.924592	1815.258614	31.46864082	

2022	8	1876.85708	1939.21249	1814.501671	31.47995956
2022	9	1876.118644	1938.497194	1813.740093	31.49164233
2022	10	1875.379101	1937.781518	1812.976683	31.50369144
2022	11	1874.64006	1937.067065	1812.213055	31.51610456
2022	12	1873.902439	1936.354745	1811.450132	31.52887782
2023	1	1873.166759	1935.645071	1810.688446	31.54200694
2023	2	1872.433311	1934.938326	1809.928296	31.55548749
2023	3	1871.702255	1934.23466	1809.169851	31.56931503
2023	4	1870.973676	1933.534149	1808.413204	31.58348517
2023	5	1870.247615	1932.836826	1807.658404	31.59799353
2023	6	1869.524087	1932.142697	1806.905476	31.61283582
2023	7	1868.803093	1931.451756	1806.15443	31.62800777
2023	8	1868.084628	1930.763988	1805.405268	31.64350515
2023	9	1867.368679	1930.079372	1804.657985	31.65932381
2023	10	1866.655232	1929.397887	1803.912577	31.67545961
2023	11	1865.944273	1928.71951	1803.169036	31.69190848
2023	12	1865.235785	1928.044216	1802.427354	31.70866639
2024	1	1864.529752	1927.371982	1801.687523	31.72572935
2024	2	1863.826157	1926.702781	1800.949533	31.74309342
2024	3	1863.124984	1926.036592	1800.213376	31.76075471
2024	4	1862.426216	1925.373388	1799.479044	31.77870936
2024	5	1861.729837	1924.713147	1798.746527	31.79695356
2024	6	1861.035831	1924.055845	1798.015816	31.81548354
2024	7	1860.344181	1923.401458	1797.286904	31.83429559
2024	8	1859.654871	1922.749963	1796.55978	31.85338602
2024	9	1858.967887	1922.101337	1795.834437	31.87275119
2024	10	1858.283212	1921.455557	1795.110866	31.89238749
2024	11	1857.60083	1920.812601	1794.389059	31.91229139
2024	12	1856.920727	1920.172446	1793.669007	31.93245935
2025	1	1856.242887	1919.535071	1792.950702	31.9528879
2025	2	1855.567295	1918.900454	1792.234136	31.9735736
2025	3	1854.893937	1918.268572	1791.519301	31.99451305
2025	4	1854.222797	1917.639405	1790.806189	32.0157029
2025	5	1853.553861	1917.012932	1790.094791	32.03713982
2025	6	1852.887115	1916.389131	1789.3851	32.05882052
2025	7	1852.222545	1915.767982	1788.677108	32.08074177
2025	8	1851.560135	1915.149464	1787.970806	32.10290036
2025	9	1850.899873	1914.533557	1787.266189	32.12529311
2025	10	1850.241744	1913.920241	1786.563247	32.14791688
2025	11	1849.585735	1913.309497	1785.861973	32.17076858
2025	12	1848.931831	1912.701303	1785.162359	32.19384514
2026	1	1848.28002	1912.095642	1784.464399	32.21714354
2026	2	1847.630289	1911.492493	1783.768085	32.24066078
2026	3	1846.982623	1910.891838	1783.073408	32.2643939
2026	4	1846.33701	1910.293657	1782.380363	32.28833998
2026	5	1845.693437	1909.697932	1781.688941	32.31249612
2026	6	1845.051891	1909.104645	1780.999137	32.33685947

2026	7	1844.412359	1908.513777	1780.310941	32.3614272
2026	8	1843.774829	1907.92531	1779.624348	32.38619653
2026	9	1843.139288	1907.339225	1778.93935	32.41116468
2026	10	1842.505724	1906.755507	1778.255941	32.43632893
2026	11	1841.874124	1906.174135	1777.574113	32.46168659
2026	12	1841.244477	1905.595094	1776.893859	32.48723498
2027	1	1840.61677	1905.018366	1776.215173	32.51297149
2027	2	1839.990991	1904.443934	1775.538049	32.53889349
2027	3	1839.367129	1903.871781	1774.862478	32.56499843
2027	4	1838.745173	1903.30189	1774.188456	32.59128375
2027	5	1838.125109	1902.734244	1773.515974	32.61774694
2027	6	1837.506927	1902.168828	1772.845026	32.64438552
2027	7	1836.890616	1901.605625	1772.175607	32.67119703
2027	8	1836.276164	1901.044619	1771.507709	32.69817905
2027	9	1835.66356	1900.485794	1770.841326	32.72532917
2027	10	1835.052793	1899.929134	1770.176452	32.75264503
2027	11	1834.443851	1899.374623	1769.513079	32.78012428
2027	12	1833.836725	1898.822247	1768.851203	32.8077646
2028	1	1833.231403	1898.271989	1768.190817	32.83556372
2028	2	1832.627874	1897.723835	1767.531914	32.86351937
2028	3	1832.026129	1897.177769	1766.874488	32.8916293
2028	4	1831.426156	1896.633778	1766.218534	32.91989133
2028	5	1830.827945	1896.091845	1765.564044	32.94830325
2028	6	1830.231485	1895.551956	1764.911014	32.97686291
2028	7	1829.636767	1895.014098	1764.259437	33.00556819
2028	8	1829.043781	1894.478255	1763.609307	33.03441697
2028	9	1828.452516	1893.944413	1762.960618	33.06340717
2028	10	1827.862962	1893.412559	1762.313364	33.09253674
2028	11	1827.275109	1892.882679	1761.66754	33.12180364
2028	12	1826.688949	1892.354758	1761.02314	33.15120585
2029	1	1826.10447	1891.828783	1760.380157	33.18074141
2029	2	1825.521663	1891.304741	1759.738586	33.21040833
2029	3	1824.94052	1890.782617	1759.098422	33.24020469
2029	4	1824.361029	1890.2624	1758.459659	33.27012857
2029	5	1823.783183	1889.744076	1757.82229	33.30017807
2029	6	1823.206971	1889.227631	1757.186311	33.33035132
2029	7	1822.632385	1888.713053	1756.551716	33.36064647
2029	8	1822.059415	1888.20033	1755.9185	33.3910617
2029	9	1821.488052	1887.689447	1755.286656	33.4215952
2029	10	1820.918287	1887.180394	1754.65618	33.45224518
2029	11	1820.350112	1886.673157	1754.027066	33.48300987
2029	12	1819.783517	1886.167725	1753.399309	33.51388755
2030	1	1819.218494	1885.664085	1752.772903	33.54487648
2030	2	1818.655034	1885.162224	1752.147843	33.57597497
2030	3	1818.093128	1884.662132	1751.524124	33.60718132
2030	4	1817.532768	1884.163796	1750.90174	33.63849389
2030	5	1816.973945	1883.667204	1750.280687	33.66991103

2030	6	1816.416652	1883.172345	1749.660958	33.70143111
2030	7	1815.860878	1882.679208	1749.042549	33.73305254
2030	8	1815.306618	1882.18778	1748.425455	33.76477372
2030	9	1814.753861	1881.698051	1747.809671	33.7965931
2030	10	1814.2026	1881.21001	1747.195191	33.82850913
2030	11	1813.652827	1880.723644	1746.58201	33.86052027
2030	12	1813.104534	1880.238944	1745.970124	33.89262502
2031	1	1812.557713	1879.755899	1745.359528	33.92482189
2031	2	1812.012356	1879.274497	1744.750216	33.9571094
2031	3	1811.468456	1878.794728	1744.142183	33.9894861
2031	4	1810.926003	1878.316581	1743.535426	34.02195054
2031	5	1810.384992	1877.840046	1742.929938	34.0545013
2031	6	1809.845413	1877.365112	1742.325715	34.08713698
2031	7	1809.30726	1876.891769	1741.722752	34.11985619
2031	8	1808.770526	1876.420007	1741.121044	34.15265756
2031	9	1808.235202	1875.949816	1740.520587	34.18553972
2031	10	1807.701281	1875.481185	1739.921376	34.21850135
2031	11	1807.168756	1875.014105	1739.323406	34.25154111
2031	12	1806.637619	1874.548566	1738.726672	34.2846577
2032	1	1806.107864	1874.084558	1738.13117	34.31784983
2032	2	1805.579483	1873.622071	1737.536895	34.35111622
2032	3	1805.052469	1873.161096	1736.943843	34.38445561
2032	4	1804.526815	1872.701623	1736.352008	34.41786675
2032	5	1804.002515	1872.243642	1735.761387	34.45134841
2032	6	1803.47956	1871.787145	1735.171975	34.48489937
2032	7	1802.957945	1871.332122	1734.583767	34.51851843
2032	8	1802.437662	1870.878564	1733.996759	34.5522044
2032	9	1801.918704	1870.426462	1733.410946	34.58595611
2032	10	1801.401065	1869.975807	1732.826324	34.6197724
2032	11	1800.884739	1869.526589	1732.242889	34.65365213
2032	12	1800.369718	1869.0788	1731.660635	34.68759415
2033	1	1799.855996	1868.632431	1731.07956	34.72159735
2033	2	1799.343566	1868.187474	1730.499658	34.75566063
2033	3	1798.832422	1867.743919	1729.920924	34.7897829
2033	4	1798.322558	1867.301759	1729.343356	34.82396307
2033	5	1797.813966	1866.860984	1728.766948	34.85820008
2033	6	1797.306642	1866.421587	1728.191696	34.89249287
2033	7	1796.800577	1865.983558	1727.617597	34.92684042
2033	8	1796.295767	1865.54689	1727.044645	34.96124167
2033	9	1795.792205	1865.111574	1726.472837	34.99569563
2033	10	1795.289885	1864.677603	1725.902168	35.03020129
2033	11	1794.788801	1864.244968	1725.332634	35.06475765
2033	12	1794.288946	1863.81366	1724.764232	35.09936374
2034	1	1793.790315	1863.383673	1724.196956	35.13401859
2034	2	1793.292901	1862.954999	1723.630804	35.16872124
2034	3	1792.7967	1862.527629	1723.06577	35.20347075
2034	4	1792.301704	1862.101556	1722.501852	35.23826618

2034	5	1791.807908	1861.676771	1721.939044	35.27310661
2034	6	1791.315306	1861.253269	1721.377343	35.30799113
2034	7	1790.823893	1860.83104	1720.816745	35.34291884
2034	8	1790.333662	1860.410078	1720.257246	35.37788885
2034	9	1789.844609	1859.990375	1719.698842	35.41290029
2034	10	1789.356726	1859.571924	1719.141529	35.44795228
2034	11	1788.87001	1859.154717	1718.585303	35.48304396
2034	12	1788.384454	1858.738747	1718.03016	35.5181745
2035	1	1787.900052	1858.324007	1717.476097	35.55334304
2035	2	1787.4168	1857.910491	1716.923109	35.58854877
2035	3	1786.934692	1857.49819	1716.371194	35.62379087
2035	4	1786.453722	1857.087097	1715.820346	35.65906852
2035	5	1785.973884	1856.677207	1715.270562	35.69438094
2035	6	1785.495175	1856.268512	1714.721839	35.72972734
2035	7	1785.017588	1855.861005	1714.174172	35.76510693
2035	8	1784.541119	1855.454679	1713.627558	35.80051895
2035	9	1784.065761	1855.049528	1713.081994	35.83596263
2035	10	1783.59151	1854.645545	1712.537474	35.87143723
2035	11	1783.11836	1854.242723	1711.993997	35.90694201
2035	12	1782.646307	1853.841056	1711.451558	35.94247623
2036	1	1782.175346	1853.440538	1710.910154	35.97803917
2036	2	1781.705471	1853.041161	1710.369781	36.01363012
2036	3	1781.236677	1852.64292	1709.830434	36.04924836
2036	4	1780.76896	1852.245808	1709.292112	36.08489321
2036	5	1780.302315	1851.849819	1708.75481	36.12056396
2036	6	1779.836736	1851.454947	1708.218525	36.15625994
2036	7	1779.372218	1851.061185	1707.683252	36.19198049
2036	8	1778.908758	1850.668527	1707.148989	36.22772492
2036	9	1778.44635	1850.276967	1706.615733	36.26349259
2036	10	1777.984989	1849.8865	1706.083479	36.29928285
2036	11	1777.524671	1849.497118	1705.552224	36.33509505
2036	12	1777.065391	1849.108817	1705.021964	36.37092857
2037	1	1776.607144	1848.72159	1704.492697	36.40678278
2037	2	1776.149925	1848.335431	1703.964419	36.44265706
2037	3	1775.693731	1847.950335	1703.437127	36.4785508
2037	4	1775.238556	1847.566295	1702.910816	36.51446339
2037	5	1774.784396	1847.183307	1702.385484	36.55039425
2037	6	1774.331246	1846.801364	1701.861128	36.58634279
2037	7	1773.879102	1846.420461	1701.337743	36.62230842
2037	8	1773.42796	1846.040592	1700.815328	36.65829056
2037	9	1772.977814	1845.661751	1700.293877	36.69428866
2037	10	1772.528661	1845.283934	1699.773389	36.73030215
2037	11	1772.080497	1844.907134	1699.25386	36.76633048
2037	12	1771.633316	1844.531346	1698.735286	36.8023731
2038	1	1771.187115	1844.156566	1698.217664	36.83842948
2038	2	1770.741889	1843.782786	1697.700992	36.87449907
2038	3	1770.297634	1843.410003	1697.185266	36.91058136

2038	4	1769.854346	1843.038211	1696.670482	36.94667582
2038	5	1769.412021	1842.667405	1696.156638	36.98278193
2038	6	1768.970654	1842.297579	1695.64373	37.0188992
2038	7	1768.530242	1841.928728	1695.131755	37.05502712
2038	8	1768.090779	1841.560848	1694.620711	37.09116519
2038	9	1767.652263	1841.193933	1694.110593	37.12731292
2038	10	1767.214689	1840.827978	1693.601399	37.16346983
2038	11	1766.778053	1840.462979	1693.093126	37.19963545
2038	12	1766.34235	1840.09893	1692.585771	37.2358093
2039	1	1765.907578	1839.735826	1692.079331	37.27199091
2039	2	1765.473732	1839.373663	1691.573801	37.30817983
2039	3	1765.040808	1839.012435	1691.069181	37.3443756
2039	4	1764.608802	1838.652138	1690.565466	37.38057778
2039	5	1764.17771	1838.292768	1690.062653	37.41678591
2039	6	1763.747529	1837.934318	1689.56074	37.45299957
2039	7	1763.318255	1837.576786	1689.059723	37.48921831
2039	8	1762.889883	1837.220165	1688.5596	37.52544172
2039	9	1762.46241	1836.864452	1688.060368	37.56166936
2039	10	1762.035832	1836.509641	1687.562023	37.59790083
2039	11	1761.610146	1836.155729	1687.064563	37.63413571
2039	12	1761.185348	1835.802711	1686.567985	37.6703736
2040	1	1760.761434	1835.450582	1686.072286	37.70661409
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2040	3	1759.916243	1834.748973	1685.083512	37.7791013
2040	4	1759.494959	1834.399485	1684.590432	37.81534724
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2040	6	1758.654996	1833.703119	1683.606872	37.88784188
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2040	8	1757.818482	1833.010205	1682.626759	37.96033772
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2040	10	1756.98539	1832.32071	1681.650071	38.03283183
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2040	12	1756.155692	1831.634598	1680.676786	38.10532135
2041	1	1755.742106	1831.292801	1680.191412	38.14156352
2041	2	1755.329359	1830.951838	1679.706881	38.1778035
2041	3	1754.917446	1830.611704	1679.223189	38.21404097
2041	4	1754.506365	1830.272396	1678.740334	38.25027558
2041	5	1754.096112	1829.93391	1678.258314	38.286507
2041	6	1753.686683	1829.596241	1677.777125	38.32273492
2041	7	1753.278076	1829.259387	1677.296765	38.35895901
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2041	9	1752.463312	1828.588103	1676.338521	38.43139445
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2041	11	1751.651794	1827.920027	1675.383561	38.50381084
2041	12	1751.247244	1827.587182	1674.907306	38.54001112
2042	1	1750.843496	1827.255129	1674.431864	38.57620574
2042	2	1750.440547	1826.923862	1673.957232	38.6123944

2042	3	1750.038394	1826.593378	1673.483409	38.64857681
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2042	5	1749.236461	1825.934746	1672.538175	38.72092173
2042	6	1748.836675	1825.60659	1672.06676	38.75708368
2042	7	1748.437672	1825.279202	1671.596142	38.79323827
2042	8	1748.03945	1824.95258	1671.12632	38.8293852
2042	9	1747.642004	1824.626718	1670.657291	38.86552423
2042	10	1747.245333	1824.301615	1670.189051	38.90165508
2042	11	1746.849433	1823.977265	1669.7216	38.93777748
2042	12	1746.4543	1823.653667	1669.254933	38.97389119
2043	1	1746.059933	1823.330816	1668.78905	39.00999595
2043	2	1745.666327	1823.008708	1668.323946	39.04609151
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2043	4	1744.881391	1822.366711	1667.396071	39.11825402
2043	5	1744.490054	1822.046815	1666.933294	39.15432049
2043	6	1744.099468	1821.727648	1666.471287	39.19037678
2043	7	1743.709629	1821.409209	1666.010049	39.22642265
2043	8	1743.320535	1821.091494	1665.549576	39.26245788
2043	9	1742.932183	1820.774498	1665.089867	39.29848223
2043	10	1742.544569	1820.45822	1664.630919	39.33449548
2043	11	1742.157692	1820.142655	1664.172729	39.37049741
2043	12	1741.771548	1819.827801	1663.715296	39.40648778
2044	1	1741.386135	1819.513655	1663.258616	39.44246639
2044	2	1741.00145	1819.200212	1662.802689	39.47843301
2044	3	1740.61749	1818.88747	1662.34751	39.51438745
2044	4	1740.234253	1818.575427	1661.893079	39.55032948
2044	5	1739.851735	1818.264078	1661.439392	39.58625889
2044	6	1739.469934	1817.95342	1660.986448	39.6221755
2044	7	1739.088847	1817.643451	1660.534243	39.65807908
2044	8	1738.708472	1817.334168	1660.082777	39.69396946
2044	9	1738.328806	1817.025567	1659.632046	39.72984642
2044	10	1737.949847	1816.717645	1659.182048	39.76570977
2044	11	1737.571591	1816.4104	1658.732782	39.80155933
2044	12	1737.194036	1816.103828	1658.284244	39.8373949
2045	1	1736.81718	1815.797927	1657.836433	39.8732163
2045	2	1736.44102	1815.492693	1657.389346	39.90902334
2045	3	1736.065553	1815.188124	1656.942982	39.94481585
2045	4	1735.690777	1814.884217	1656.497337	39.98059365
2045	5	1735.316689	1814.580968	1656.05241	40.01635655
2045	6	1734.943287	1814.278375	1655.608199	40.05210439
2045	7	1734.570568	1813.976436	1655.164701	40.08783698
2045	8	1734.19853	1813.675146	1654.721915	40.12355417
2045	9	1733.827171	1813.374504	1654.279837	40.15925579
2045	10	1733.456487	1813.074507	1653.838467	40.19494167
2045	11	1733.086476	1812.775151	1653.397802	40.23061165
2045	12	1732.717137	1812.476435	1652.957839	40.26626556
2046	1	1732.348466	1812.178355	1652.518577	40.30190325

2046	2	1731.980461	1811.880908	1652.080013	40.33752457
2046	3	1731.613119	1811.584093	1651.642146	40.37312936
2046	4	1731.246439	1811.287906	1651.204973	40.40871746
2046	5	1730.880418	1810.992344	1650.768492	40.44428873
2046	6	1730.515054	1810.697405	1650.332702	40.47984302
2046	7	1730.150343	1810.403087	1649.8976	40.51538018
2046	8	1729.786285	1810.109386	1649.463183	40.55090007
2046	9	1729.422875	1809.8163	1649.029451	40.58640255
2046	10	1729.060114	1809.523826	1648.596401	40.62188748
2046	11	1728.697997	1809.231963	1648.16403	40.65735472
2046	12	1728.336522	1808.940707	1647.732338	40.69280413
2047	1	1727.975688	1808.650055	1647.301322	40.72823559
2047	2	1727.615493	1808.360006	1646.870979	40.76364895
2047	3	1727.255932	1808.070557	1646.441308	40.79904409
2047	4	1726.897006	1807.781704	1646.012308	40.83442088
2047	5	1726.538711	1807.493447	1645.583975	40.86977919
2047	6	1726.181045	1807.205782	1645.156308	40.9051189
2047	7	1725.824006	1806.918706	1644.729305	40.94043988
2047	8	1725.467592	1806.632218	1644.302965	40.97574202
2047	9	1725.1118	1806.346315	1643.877284	41.01102519
2047	10	1724.756628	1806.060995	1643.452262	41.04628927
2047	11	1724.402075	1805.776255	1643.027896	41.08153416
2047	12	1724.048138	1805.492093	1642.604184	41.11675973
2048	1	1723.694815	1805.208506	1642.181125	41.15196587
2048	2	1723.342104	1804.925492	1641.758716	41.18715247
2048	3	1722.990002	1804.643049	1641.336956	41.22231942
2048	4	1722.638508	1804.361174	1640.915842	41.25746661
2048	5	1722.28762	1804.079866	1640.495374	41.29259394
2048	6	1721.937335	1803.799121	1640.075548	41.3277013
2048	7	1721.587651	1803.518938	1639.656363	41.36278859
2048	8	1721.238567	1803.239315	1639.237818	41.3978557
2048	9	1720.890079	1802.960248	1638.81991	41.43290254
2048	10	1720.542187	1802.681737	1638.402638	41.46792901
2048	11	1720.194888	1802.403778	1637.985999	41.502935
2048	12	1719.848181	1802.126369	1637.569993	41.53792043
2049	1	1719.502062	1801.849508	1637.154616	41.5728852
2049	2	1719.156531	1801.573194	1636.739868	41.60782921
2049	3	1718.811584	1801.297423	1636.325746	41.64275237
2049	4	1718.467221	1801.022195	1635.912248	41.6776546
2049	5	1718.12344	1800.747505	1635.499374	41.7125358
2049	6	1717.780237	1800.473353	1635.08712	41.74739589
2049	7	1717.437612	1800.199737	1634.675486	41.78223478
2049	8	1717.095562	1799.926653	1634.26447	41.81705239
2049	9	1716.754085	1799.654101	1633.854069	41.85184863
2049	10	1716.41318	1799.382078	1633.444282	41.88662342
2049	11	1716.072844	1799.110582	1633.035107	41.92137667
2049	12	1715.733077	1798.83961	1632.626543	41.95610832

2050	1	1715.393875	1798.569162	1632.218588	41.99081828
2050	2	1715.055237	1798.299234	1631.81124	42.02550647
2050	3	1714.717161	1798.029825	1631.404497	42.06017282
2050	4	1714.379645	1797.760933	1630.998357	42.09481725
2050	5	1714.042688	1797.492555	1630.59282	42.12943969
2050	6	1713.706287	1797.224691	1630.187883	42.16404007
2050	7	1713.37044	1796.957337	1629.783544	42.19861832
2050	8	1713.035147	1796.690492	1629.379802	42.23317436
2050	9	1712.700404	1796.424154	1628.976655	42.26770813
2050	10	1712.366211	1796.158321	1628.574102	42.30221955
2050	11	1712.032565	1795.892991	1628.17214	42.33670857
2050	12	1711.699465	1795.628162	1627.770769	42.37117512

Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2010	12					
2011	1	918275.8131	859569.798	58706.01512	6.393069956	58706.01512
2011	2	828820.0375	808183.3941	20636.64333	2.48988229	79342.65845
2011	3	827084.2384	880125.4586	-53041.22016	-6.413037234	26301.43829
2011	4	888797.6308	972417.5474	-83619.91662	-9.408206516	-57318.47833
2011	5	1020867.301	1056239.651	-35372.35018	-3.464931254	-92690.82851
2011	6	1071479.803	1104351.365	-32871.56188	-3.06786575	-125562.3904
2011	7	1134600.514	1154670.071	-20069.55713	-1.768865507	-145631.9475
2011	8	1168600.968	1165221.717	3379.251595	0.2891707	-142252.6959
2011	9	1156095.717	1119813.637	36282.07993	3.138328375	-105970.616
2011	10	1073356.668	988554.2528	84802.41494	7.900674351	-21168.20106
2011	11	923530.2933	893419.5694	30110.72393	3.260393746	8942.522872
2011	12	892751.1285	855331.1918	37419.9367	4.191530596	46362.45957
2012	1	876809.8846	850538.3062	26271.57837	2.996268499	26271.57837
2012	2	839285.0509	857459.2682	-18174.21727	-2.165440364	8097.361103
2012	3	846191.8176	918000.3332	-71808.51561	-8.48608012	-63711.15451
2012	4	937152.8847	934087.6002	3065.284459	0.327084781	-60645.87005
2012	5	961274.7736	1060720.753	-99445.97974	-10.34521892	-160091.8498
2012	6	1059261.043	1058318.314	942.7295708	0.088998796	-159149.1202
2012	7	1082763.455	1120989.023	-38225.56867	-3.530371153	-197374.6889
2012	8	1120509.613	1104811.099	15698.51438	1.401015592	-181676.1745
2012	9	1118286.912	1093128.732	25158.18027	2.249707119	-156517.9942
2012	10	1067232.35	1022244.673	44987.67652	4.215359151	-111530.3177
2012	11	926459.9246	823241.8839	103218.0407	11.1411231	-8312.277049
2012	12	871687.2166	868857.2586	2829.957949	0.324652914	-5482.3191
2013	1	870377.9069	861369.4599	9008.447064	1.035004105	9008.447064
2013	2	838519.3137	820272.0517	18247.26199	2.176129004	27255.70905
2013	3	820838.1412	830457.1911	-9619.049951	-1.17185709	17636.6591
2013	4	866416.686	942014.8913	-75598.20525	-8.72538658	-57961.54615
2013	5	970802.7204	1002416.089	-31613.36869	-3.256415338	-89574.91484
2013	6	1042478.431	1075070.681	-32592.2497	-3.126419571	-122167.1645
2013	7	1096338.118	1106751.249	-10413.13163	-0.949810233	-132580.2962
2013	8	1093942.543	1141347.551	-47405.00755	-4.333409267	-179985.3037
2013	9	1131908.212	1093801.323	38106.88924	3.366605953	-141878.4145
2013	10	1068647.521	1034209.569	34437.95139	3.222573461	-107440.4631
2013	11	926501.2715	861721.8297	64779.44182	6.991835177	-42661.02126
2013	12	917413.0586	892910.9177	24502.14096	2.670786155	-18158.88031
2014	1	893753.7084	852104.3545	41649.35389	4.660048233	41649.35389
2014	2	864901.5824	816501.0099	48400.57259	5.596078626	90049.92648
2014	3	808627.0466	840433.87	-31806.82338	-3.933435508	58243.1031
2014	4	872890.9597	937169.7269	-64278.76718	-7.363894249	-6035.664079
2014	5	974933.115	1050858.683	-75925.56848	-7.787772035	-81961.23256
2014	6	1064718.508	1084021.142	-19302.63375	-1.812933052	-101263.8663
2014	7	1102792.785	1128789.664	-25996.87929	-2.357367553	-127260.7456
2014	8	1191191.14	1232489.935	-41298.795	-3.467016638	-168559.5406
2014	9	1161328.571	1058670.977	102657.5939	8.839668332	-65901.94666

2014	10	1009078.915	977843.8799	31235.03473	3.095400595	-34666.91193
2014	11	933365.1752	855336.7326	78028.44253	8.359905063	43361.53061
2014	12	879950.4662	872792.304	7158.162191	0.813473311	50519.6928
2015	1	918843.597	880343.0602	38500.5368	4.190107753	38500.5368
2015	2	820895.3386	800527.0709	20368.26764	2.481225886	58868.80444
2015	3	867717.5528	951971.2677	-84253.71495	-9.70980876	-25384.91052
2015	4	945498.1779	1011148.475	-65650.29718	-6.943460994	-91035.2077
2015	5	1032010.92	1081724.903	-49713.98271	-4.817195413	-140749.1904
2015	6	1060838.16	1074821.35	-13983.18974	-1.318126577	-154732.3801
2015	7	1125425.713	1134472.522	-9046.80964	-0.803856669	-163779.1898
2015	8	1117161.006	1148802.097	-31641.09035	-2.832276652	-195420.2801
2015	9	1165969.27	1138315.791	27653.47932	2.371715965	-167766.8008
2015	10	1068360.866	1031361.927	36998.93877	3.463149949	-130767.862
2015	11	1001470.916	962560.152	38910.76413	3.885361372	-91857.09791
2015	12	949620.9107	935317.2841	14303.62665	1.506245965	-77553.47126
2016	1	926058.1993	859626.7553	66431.44401	7.173571171	66431.44401
2016	2	855260.9667	837355.2664	17905.70024	2.093594931	84337.14426
2016	3	826013.7744	918117.3245	-92103.55007	-11.15036491	-7766.40582
2016	4	923999.6842	918545.2077	5454.476451	0.590311506	-2311.929368
2016	5	981548.2095	1072531.751	-90983.54174	-9.269391036	-93295.47111
2016	6	1104912.242	1147195.75	-42283.50757	-3.826865696	-135578.9787
2016	7	1154270.528	1187079.26	-32808.73199	-2.842378039	-168387.7107
2016	8	1162143.018	1183151.288	-21008.26985	-1.807718114	-189395.9805
2016	9	1201362.062	1134230.204	67131.85807	5.587978862	-122264.1225
2016	10	1121636.097	1062972.498	58663.59961	5.230181138	-63600.52285
2016	11	949753.8062	864791.7009	84962.10525	8.94569779	21361.5824
2016	12	927210.0089	951679.9628	-24469.95385	-2.639095094	-3108.37145
2017	1	923475.5234	858265.4179	65210.10552	7.061378874	65210.10552
2017	2	855633.7862	822511.9211	33121.86508	3.871032866	98331.9706
2017	3	834480.1868	884304.4273	-49824.24051	-5.970691851	48507.73009
2017	4	909232.9322	975925.3843	-66692.45216	-7.33502382	-18184.72207
2017	5	996571.1007	1060382.433	-63811.332	-6.403088747	-81996.05407
2017	6	1063722.704	1073261.664	-9538.960517	-0.896752554	-91535.01459
2017	7	1140007.857	1180724.177	-40716.31983	-3.571582387	-132251.3344
2017	8	1184429.967	1187667.348	-3237.380515	-0.27332815	-135488.7149
2017	9	1115143.26	1084254.07	30889.19	2.769975044	-104599.5249
2017	10	1053523.94	998930.4783	54593.46163	5.181985863	-50006.0633
2017	11	973706.0478	879853.3242	93852.72365	9.638712203	43846.66035
2017	12	883540.8586	855388.7644	28152.09415	3.186280959	71998.7545
2018	1	893045.1013	880937.9355	12107.16582	1.355717175	12107.16582
2018	2	896789.4269	889476.154	7313.272891	0.815494995	19420.43871
2018	3	933913.5355	891712.8183	42200.71726	4.518696395	61621.15597
2018	4	920461.4595	956576.6288	-36115.16931	-3.92359386	25505.98666
2018	5	974728.1308	1061273.238	-86545.10759	-8.878897085	-61039.12093
2018	6	1051236.529	1072097.106	-20860.57685	-1.9843847	-81899.69778
2018	7	1117234.103	1135438.123	-18204.02008	-1.62938278	-100103.7179
2018	8	1137409.23	1178267.712	-40858.48147	-3.592241066	-140962.1993

2018	9	1163853.901	1160293.316	3560.584297	0.305930521	-137401.615
2018	10	1137090.953	1095558.41	41532.54257	3.65252599	-95869.07246
2018	11	1009645.282	927787.8813	81857.40104	8.107540586	-14011.67142
2018	12	911553.9995	891476.9767	20077.02279	2.202505041	6065.351363
2019	1	898758.6915	862384.1006	36374.59092	4.047203245	36374.59092
2019	2	831824.4182	852194.2101	-20369.79183	-2.448809074	16004.79909
2019	3	934592.1159	914031.2779	20560.83791	2.199979816	36565.637
2019	4	917772.2497	952624.6871	-34852.43742	-3.797503948	1713.199584
2019	5	1026444.825	1116329.708	-89884.88368	-8.75691333	-88171.6841
2019	6	1125155.821	1126557.542	-1401.720508	-0.124580123	-89573.40461
2019	7	1159113.316	1162699.39	-3586.073643	-0.309380765	-93159.47825
2019	8	1140980.707	1197360.118	-56379.41046	-4.941311461	-149538.8887
2019	9	1187845.554	1164458.073	23387.48125	1.968899169	-126151.4075
2019	10	1116271.805	1127511.936	-11240.13057	-1.006934917	-137391.538
2019	11	1004281.914	866545.5483	137736.3661	13.71491054	344.8280753
2019	12	868241.0252	884641.5906	-16400.5654	-1.888941541	-16055.73732
2020	1	933705.582	901249.7028	32455.87924	3.476029261	32455.87924
2020	2	830349.22	828362.1427	1987.077299	0.239306216	34442.95654
2020	3	883343.7884	964804.6689	-81460.88049	-9.221877321	-47017.92395
2020	4	922609.9673	886750.0932	35859.87407	3.886785895	-11158.04988
2020	5	844134.3759	902133.3783	-57999.00241	-6.870825791	-69157.05229
2020	6	985894.5114	1013735.306	-27840.79503	-2.823912163	-96997.84732
2020	7	1114064.773	1124796.379	-10731.60581	-0.96328383	-107729.4531
2020	8	1092411.655	1130235.135	-37823.47953	-3.462383374	-145552.9327
2020	9	1094877.7	1056283.64	38594.06006	3.524965397	-106958.8726
2020	10	1026323.704	1032338.969	-6015.265775	-0.5860983	-112974.1384
2020	11	952101.1856	876669.1413	75432.04423	7.922691976	-37542.09414
2020	12	860808.9359	806109.7545	54699.18142	6.354392843	17157.08727
2021	1	852852.7536	812739.0146	40113.73897	4.703477688	40113.73897
2021	2	826271.6614	805919.1872	20352.47424	2.463169825	60466.21321
2021	3	871089.2459	903263.8277	-32174.58186	-3.693603384	28291.63135
2021	4	904297.5566	919166.4246	-14868.86807	-1.644245078	13422.76328
2021	5	988390.9819	1077016.443	-88625.46143	-8.96664003	-75202.69815
2021	6	1053400.116	1064772.231	-11372.11439	-1.079562667	-86574.81255
2021	7	1102406.553	1141098.944	-38692.39122	-3.509811432	-125267.2038
2021	8	1110136.335	1143275.151	-33138.81649	-2.98511232	-158406.0203
2021	9	1119050.243	1083288.565	35761.67753	3.195716883	-122644.3427
2021	10	1054365.876	1005665.323	48700.55288	4.618942438	-73943.78985
2021	11	923109.7595	855474.5059	67635.25363	7.326891838	-6308.536222
2021	12	856875.7605	847829.1678	9046.592635	1.055764797	2738.056413
2022	1	867300.4473	837256.4613	30043.98594	3.464080532	30043.98594
2022	2	755926.4398	774049.3742	-18122.93444	-2.397446826	11921.05151
2022	3	808760.3859	871760.7727	-63000.38678	-7.789746862	-51079.33527
2022	4	863331.173	921549.8986	-58218.72561	-6.743498605	-109298.0609
2022	5	964867.3274	1052680.78	-87813.4528	-9.101090929	-197111.5137
2022	6	1066622.432	1096624.518	-30002.08579	-2.81281219	-227113.5995
2022	7	1126959.233	1154025.956	-27066.7222	-2.40174812	-254180.3217

2022	8	1170939.903	1156714.993	14224.90983	1.214828344	-239955.4118
2022	9	1132105.463	1094209.057	37896.40585	3.347427169	-202059.006
2022	10	1071947.887	1013643.44	58304.44707	5.439112086	-143754.5589
2022	11	951403.5104	858902.5633	92500.9471	9.722577864	-51253.61181
2022	12	877265.0416	849636.4294	27628.61221	3.149403076	-23624.99961
2023	1	870464.9821	838851.3838	31613.59838	3.631805878	31613.59838
2023	2	788939.6185	773412.093	15527.52549	1.968151317	47141.12388
2023	3	808631.6782	872592.6979	-63961.01971	-7.909784075	-16819.89583
2023	4	877342.3519	922867.883	-45525.53109	-5.189026951	-62345.42692
2023	5	955806.3209	1056578.819	-100772.4981	-10.54319227	-163117.9251
2023	6	1073603.148	1101209.594	-27606.44583	-2.57138272	-190724.3709
2023	7	1134244.917	1159634.218	-25389.30071	-2.238431958	-216113.6716
2023	8	1173873.264	1162333.152	11540.11193	0.983079885	-204573.5597
2023	9	1138380.735	1098607.544	39773.19075	3.493839059	-164800.3689
2023	10	1072692.219	1016483.959	56208.25979	5.239924256	-108592.1091
2023	11	954484.1835	859056.4736	95427.70988	9.997830401	-13164.39926
2023	12	875658.3446	849788.8052	25869.53944	2.954295999	12705.14017
2024	1	836484.9347	842134.4134	-5649.478716	-0.6753832	-5649.478716
2024	2	796817.6055	797214.842	-397.2365318	-0.049852881	-6046.715248
2024	3	809564.1255	876363.3591	-66799.23364	-8.251259108	-72845.94889
2024	4	868596.0929	927325.5913	-58729.49839	-6.76142788	-131575.4473
2024	5	960941.5602	1063335.08	-102393.5196	-10.65554076	-233968.9669
2024	6	1120655.993	1108690.528	11965.46554	1.067719765	-222003.5013
2024	7	1138535.494	1168282.608	-29747.11468	-2.612752509	-251750.616
2024	8	1184871.474	1171037.328	13834.14604	1.167565119	-237916.47
2024	9	1152117.118	1106272.587	45844.53059	3.979155407	-192071.9394
2024	10	1076121.896	1022712.785	53409.1112	4.963109791	-138662.8282
2024	11	962355.1526	862461.5008	99893.65174	10.38012333	-38769.17646
2024	12	870655.1513	853102.0072	17553.14407	2.01608456	-21216.03238
2025	1	913367.0938	840605.2476	72761.8462	7.966331029	72761.8462
2025	2	788229.4812	773047.3641	15182.11713	1.926103691	87943.96333
2025	3	810436.1546	875406.0694	-64969.91486	-8.016660472	22974.04848
2025	4	868941.4704	926867.9772	-57926.50687	-6.66633011	-34952.4584
2025	5	979401.8195	1064324.167	-84922.34714	-8.670838204	-119874.8055
2025	6	1091454.549	1110043.137	-18588.5886	-1.703102399	-138463.3941
2025	7	1138136.344	1170259.771	-32123.42737	-2.822458622	-170586.8215
2025	8	1139719.902	1172990.923	-33271.02117	-2.919227883	-203857.8427
2025	9	1202213.403	1107530.478	94682.92542	7.875717002	-109174.9173
2025	10	1068765.177	1023328.976	45436.20089	4.251280064	-63738.71637
2025	11	957038.4248	861622.4753	95415.94945	9.969918341	31677.23307
2025	12	871655.9446	852283.6355	19372.30915	2.222471982	51049.54223
2026	1	874051.3776	838603.0587	35448.31897	4.055633327	35448.31897
2026	2	783187.1318	770448.5916	12738.54019	1.62650019	48186.85916
2026	3	808498.6329	873942.9855	-65444.35258	-8.094553277	-17257.49342
2026	4	887603.5812	925745.1345	-38141.55322	-4.297138275	-55399.04664
2026	5	962796.5344	1064357.228	-101560.6936	-10.5485105	-156959.7402
2026	6	1090940.392	1110345.336	-19404.94351	-1.778735451	-176364.6837

2026	7	1140376.195	1171065.409	-30689.21474	-2.691148315	-207053.8984
2026	8	1138471.598	1173685.184	-35213.58607	-3.093057933	-242267.4845
2026	9	1144504.177	1107426.54	37077.63665	3.239624408	-205189.8479
2026	10	1082965.332	1022381.055	60584.27758	5.594295199	-144605.5703
2026	11	954523.3999	859238.3881	95285.01184	9.982469979	-49320.55845
2026	12	874735.1049	849677.024	25058.08086	2.864647905	-24262.47759
2027	1	883300.1338	836852.7502	46447.38357	5.258392	46447.38357
2027	2	804822.9847	768124.8447	36698.14003	4.559777831	83145.52361
2027	3	839981.0861	872816.4119	-32835.32579	-3.909055374	50310.19782
2027	4	897166.26	925161.2804	-27995.02041	-3.120382661	22315.17741
2027	5	962081.4225	1065208.374	-103126.9517	-10.7191501	-80811.77433
2027	6	1093970.34	1111715.843	-17745.50263	-1.622119172	-98557.27695
2027	7	1150085.912	1173190.407	-23104.49532	-2.00893647	-121661.7723
2027	8	1139460.541	1176035.813	-36575.27247	-3.209876179	-158237.0447
2027	9	1148364.027	1109346.455	39017.57188	3.397665807	-119219.4728
2027	10	1076263.66	1023784.659	52479.00079	4.876035747	-66740.47206
2027	11	932232.3685	859180.9448	73051.4237	7.836181855	6310.951649
2027	12	859767.3697	849657.0279	10110.34182	1.175939234	16421.29347
2028	1	794299.0307	837663.4772	-43364.44643	-5.459461079	-43364.44643
2028	2	824662.1325	791329.0462	33333.08628	4.042029453	-10031.36015
2028	3	805687.9854	874663.2749	-68975.2895	-8.561042333	-79006.64966
2028	4	903075.629	927810.1516	-24734.52263	-2.7389204	-103741.1723
2028	5	972464.3281	1069849.885	-97385.55716	-10.01430637	-201126.7295
2028	6	1088064.306	1117090.284	-29025.97755	-2.667671146	-230152.707
2028	7	1201920.406	1179546.625	22373.78052	1.861502676	-207778.9265
2028	8	1145373.718	1182570.028	-37196.3099	-3.247526053	-244975.2364
2028	9	1209683.527	1115070.187	94613.3398	7.821329934	-150361.8966
2028	10	1078252.826	1028455.305	49797.5208	4.618352912	-100564.3758
2028	11	938440.621	861679.4442	76761.17685	8.179651981	-23803.19894
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2029	1	873312.545	840197.2145	33115.33045	3.791921992	33115.33045
2029	2	818253.4794	770037.2847	48216.19464	5.89257435	81331.5251
2029	3	844559.5387	878049.8477	-33490.30902	-3.965417177	47841.21608
2029	4	903723.5936	932061.8863	-28338.2927	-3.135725669	19502.92338
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2029	6	1111133.508	1124186.775	-13053.2667	-1.174770323	-102535.3729
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2029	8	1153252.729	1190605.468	-37352.73834	-3.238903095	-168832.9979
2029	9	1169373.835	1122130.844	47242.99163	4.040024687	-121590.0062
2029	10	1081738.898	1034280.518	47458.38058	4.387230657	-74131.62565
2029	11	945400.5546	865086.0258	80314.52886	8.495291067	6182.903216
2029	12	861606.4976	855130.2927	6476.204944	0.751643002	12659.10816
2030	1	871755.2903	841349.5526	30405.73771	3.48787533	30405.73771
2030	2	786362.8139	770525.385	15837.42888	2.014010403	46243.16659
2030	3	844936.591	879994.3909	-35057.79992	-4.149163416	11185.36667
2030	4	915381.0731	934834.1987	-19453.12561	-2.125139593	-8267.758938
2030	5	1000474.182	1080981.9	-80507.71793	-8.046956069	-88775.47687

2030	6	1115653.827	1129620.817	-13966.98919	-1.25191066	-102742.4661
2030	7	1164536.418	1193785.807	-29249.38825	-2.51167656	-131991.8543
2030	8	1159712.275	1196857.204	-37144.92826	-3.202943441	-169136.7826
2030	9	1176664.143	1127480.173	49183.96915	4.179949688	-119952.8134
2030	10	1083382.907	1038392.319	44990.58821	4.152787341	-74962.22521
2030	11	941537.294	866970.3475	74566.94651	7.919701852	-395.2787
2030	12	860752.8394	856753.6858	3999.153584	0.46461114	3603.874884
2031	1	880652.0215	843452.8274	37199.19409	4.224051405	37199.19409
2031	2	788173.334	772040.6081	16132.72591	2.046850003	53331.92
2031	3	812878.1638	883090.1044	-70211.9406	-8.637449463	-16880.0206
2031	4	886246.0942	938794.12	-52548.02585	-5.929281517	-69428.04646
2031	5	985722.0235	1087005.56	-101283.5367	-10.27506074	-170711.5831
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2031	8	1168814.603	1204669.907	-35855.30456	-3.067663981	-261114.922
2031	9	1236311.74	1134372.109	101939.631	8.245463314	-159175.2909
2031	10	1092813.68	1044030.189	48783.491	4.464026382	-110391.7999
2031	11	972859.2832	870259.5561	102599.7271	10.54620425	-7792.072861
2031	12	881226.0954	859743.7354	21482.35992	2.437780728	13690.28706
2032	1	885293.9196	847077.6639	38216.25573	4.316787327	38216.25573
2032	2	788462.3046	799274.0538	-10811.74916	-1.371244902	27404.50657
2032	3	816098.4917	887856.0849	-71757.5932	-8.792761404	-44353.08663
2032	4	892280.2285	944535.8172	-52255.58876	-5.856410026	-96608.67538
2032	5	987428.7528	1095075.215	-107646.4619	-10.90169408	-204255.1373
2032	6	1114113.497	1145341.961	-31228.46354	-2.802987633	-235483.6008
2032	7	1180977.373	1211484.61	-30507.23685	-2.58321942	-265990.8377
2032	8	1180733.814	1214768.665	-34034.85108	-2.882516845	-300025.6887
2032	9	1185063.614	1143493.6	41570.01422	3.507829768	-258455.6745
2032	10	1120726.248	1051786.002	68940.24574	6.151390303	-189515.4288
2032	11	969103.1881	875377.1278	93726.06033	9.671422144	-95789.36845
2032	12	873411.7688	864554.4676	8857.301264	1.014103723	-86932.06719
2033	1	925155.6857	851614.4433	73541.24237	7.949066682	73541.24237
2033	2	797377.2478	778854.0273	18523.22056	2.323018447	92064.46293
2033	3	819649.4998	893520.4245	-73870.92465	-9.012501644	18193.53827
2033	4	883612.6771	951194.7091	-67582.03193	-7.648377358	-49388.49366
2033	5	1002295.132	1104102.316	-101807.1839	-10.1574058	-151195.6775
2033	6	1120636.622	1155217.558	-34580.93589	-3.085829537	-185776.6134
2033	7	1190984.01	1222424.153	-31440.14333	-2.639845965	-217216.7568
2033	8	1242349.914	1225816.211	16533.70352	1.33084112	-200683.0532
2033	9	1197408.718	1153525.27	43883.44753	3.664867884	-156799.6057
2033	10	1127498.574	1060426.79	67071.7833	5.948724448	-89727.8224
2033	11	988113.992	881361.6116	106752.3803	10.80365031	17024.55793
2033	12	903492.1616	870207.8199	33284.34174	3.683965745	50308.89968
2034	1	893957.5075	857261.9676	36695.5399	4.104841627	36695.5399
2034	2	801433.523	783723.7897	17709.73337	2.209757	54405.27327
2034	3	825461.8799	900276.0702	-74814.19025	-9.063312561	-20408.91698
2034	4	906140.7878	958894.9091	-52754.12128	-5.821846008	-73163.03826

2034	5	997412.316	1114176.314	-116763.9982	-11.70669304	-189927.0364
2034	6	1134317.489	1166120.991	-31803.50232	-2.803756675	-221730.5387
2034	7	1204939.346	1234375.579	-29436.23294	-2.442963875	-251166.7717
2034	8	1251216.172	1237836.782	13379.38978	1.06931081	-237787.3819
2034	9	1210485.934	1164460.528	46025.40651	3.802225635	-191761.9754
2034	10	1134634.686	1069931.829	64702.85732	5.702527704	-127059.1181
2034	11	998351.4001	888140.1021	110211.298	11.03932924	-16847.82004
2034	12	907985.0543	876652.1167	31332.93758	3.450820851	14485.11755
2035	1	899920.0512	863938.0915	35981.9597	3.998350704	35981.9597
2035	2	841366.323	789551.7783	51814.54466	6.158381105	87796.50436
2035	3	871206.8695	908092.1341	-36885.26462	-4.233812418	50911.23974
2035	4	936534.2227	967731.0271	-31196.8044	-3.3310907	19714.43534
2035	5	1006563.971	1125548.102	-118984.1313	-11.8208216	-99269.69595
2035	6	1163976.937	1178384.79	-14407.85243	-1.237812535	-113677.5484
2035	7	1216196.524	1247780.713	-31584.18925	-2.596964276	-145261.7376
2035	8	1210691.447	1251343.067	-40651.62029	-3.357719292	-185913.3579
2035	9	1228389.01	1176793.15	51595.85934	4.20028663	-134317.4986
2035	10	1132869.75	1080751.343	52118.40729	4.600564829	-82199.0913
2035	11	983962.2004	896049.2102	87912.99021	8.934590188	5713.898913
2035	12	892258.4882	884210.5421	8047.946129	0.901974734	13761.84504
2036	1	904657.5429	871510.4433	33147.09955	3.664049431	33147.09955
2036	2	812974.9476	822046.8593	-9071.91173	-1.115890687	24075.18782
2036	3	848553.9965	916886.3377	-68332.34128	-8.052798239	-44257.15346
2036	4	949346.3268	977572.2631	-28225.93622	-2.973196969	-72483.08968
2036	5	981085.1717	1138025.618	-156940.4465	-15.99661793	-229423.5361
2036	6	1165256.663	1191754.005	-26497.34253	-2.273949026	-255920.8787
2036	7	1222027.573	1262269.327	-40241.75388	-3.293031578	-296162.6326
2036	8	1282772.404	1265886.431	16885.97292	1.316365465	-279276.6596
2036	9	1300238.262	1190131.887	110106.3756	8.468169167	-169170.284
2036	10	1145412.45	1092499.258	52913.1923	4.619575447	-116257.0917
2036	11	1009856.313	904747.4352	105108.8777	10.40830031	-11148.21396
2036	12	922471.6005	892540.7574	29930.84308	3.244635723	18782.62912
2037	1	921053.3574	879872.9559	41180.40148	4.471011495	41180.40148
2037	2	817808.0671	803675.827	14132.24016	1.728063188	55312.64164
2037	3	849310.187	926440.9052	-77130.71824	-9.081572248	-21818.0766
2037	4	924390.22	988267.4924	-63877.27238	-6.910206426	-85695.34898
2037	5	1051272.145	1151511.814	-100239.6689	-9.535082746	-185935.0179
2037	6	1183320.327	1206211.531	-22891.20418	-1.934489221	-208826.2221
2037	7	1241972.715	1277943.295	-35970.58069	-2.896245648	-244796.8028
2037	8	1240425.129	1281617.079	-41191.94998	-3.320792929	-285988.7527
2037	9	1248086.375	1204560.554	43525.8215	3.487404587	-242462.9312
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2037	11	1026193.327	914232.6961	111960.6305	10.91028636	-59194.46464
2037	12	932620.9454	901607.5148	31013.43061	3.325405758	-28181.03403
2038	1	943017.512	888662.1679	54355.34411	5.763980352	54355.34411
2038	2	853738.3126	811515.9024	42222.41022	4.945591594	96577.75433
2038	3	897075.1022	936412.9652	-39337.863	-4.385124825	57239.89133

2038	4	965915.0427	999283.9785	-33368.93581	-3.454645009	23870.95552
2038	5	1043502.221	1165210.337	-121708.1157	-11.66342661	-97837.16015
2038	6	1199700.21	1220809.54	-21109.33063	-1.759550466	-118946.4908
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2038	8	1254456.328	1297460.345	-43004.01707	-3.428099974	-189207.573
2038	9	1265229.851	1219155.382	46074.46812	3.641588768	-143133.1049
2038	10	1180417.705	1118172.083	62245.62217	5.273186085	-80887.48272
2038	11	1010567.89	924100.7114	86467.17902	8.556295904	5579.696304
2038	12	924720.4296	911114.5318	13605.89781	1.471352571	19185.59412
2039	1	892600.6872	898075.5988	-5474.911664	-0.613366284	-5474.911664
2039	2	839831.7186	819968.1777	19863.54082	2.365181069	14388.62916
2039	3	865314.0873	947077.2537	-81763.16639	-9.448958198	-67374.53723
2039	4	947799.4946	1011060.62	-63261.12535	-6.674526174	-130635.6626
2039	5	1056135.812	1179768.714	-123632.9017	-11.70615562	-254268.5643
2039	6	1198149.107	1236324.337	-38175.23009	-3.186183577	-292443.7944
2039	7	1275828.891	1310470.688	-34641.79659	-2.715238448	-327085.591
2039	8	1332530.869	1314319.164	18211.70577	1.366700479	-308873.8852
2039	9	1283130.65	1234761.809	48368.84047	3.769595908	-260505.0448
2039	10	1206156.821	1132141.63	74015.19099	6.136448405	-186489.8538
2039	11	1052571.474	934879.1611	117692.3134	11.18140822	-68797.5404
2039	12	959178.1009	921512.3799	37665.72094	3.926874571	-31131.81946
2040	1	949543.3628	906532.9816	43010.38115	4.529585781	43010.38115
2040	2	843840.5245	855099.0781	-11258.5536	-1.334203949	31751.82754
2040	3	873556.3407	956901.6305	-83345.28983	-9.540917506	-51593.46229
2040	4	951061.3666	1022189.475	-71128.10863	-7.478813789	-122721.5709
2040	5	1069544.521	1193920.54	-124376.0188	-11.62887718	-247097.5897
2040	6	1212827.34	1251626.819	-38799.47893	-3.199093363	-285897.0686
2040	7	1291375.752	1327076.332	-35700.58022	-2.76453853	-321597.6488
2040	8	1347348.507	1331026.395	16322.11196	1.211424652	-305275.5369
2040	9	1302341.747	1250123.493	52218.25447	4.009566197	-253057.2824
2040	10	1220528.229	1145561.293	74966.9358	6.142171398	-178090.3466
2040	11	1064934.539	944797.3773	120137.1618	11.28117808	-57953.18479
2040	12	977473.0726	930959.4103	46513.6623	4.758562011	-11439.52249
2041	1	994883.9764	916437.6564	78446.31996	7.884971698	78446.31996
2041	2	854107.6886	836600.9654	17506.72313	2.049709113	95953.04309
2041	3	925728.1828	968247.8112	-42519.62849	-4.593100791	53433.41461
2041	4	1011080.377	1034948.449	-23868.07194	-2.3606503	29565.34266
2041	5	1113732.957	1209937.458	-96204.50066	-8.638022251	-66639.15799
2041	6	1251870.767	1268857.707	-16986.94019	-1.356924424	-83626.09819
2041	7	1310833.012	1345668.267	-34835.25573	-2.657489964	-118461.3539
2041	8	1305700.734	1349699.362	-43998.62827	-3.369732982	-162459.9822
2041	9	1326014.095	1267340.295	58673.80037	4.424824789	-103786.1818
2041	10	1215021.916	1160690.578	54331.33751	4.471634363	-49454.84431
2041	11	1045636.887	956168.5744	89468.31301	8.556346289	40013.4687
2041	12	948603.3076	941782.6784	6820.62922	0.719018073	46834.09792
2042	1	971150.916	927083.8657	44067.05031	4.537610951	44067.05031
2042	2	864142.5194	846257.3224	17885.19702	2.069704548	61952.24734

2042	3	895867.7046	980278.7644	-84411.05976	-9.422268413	-22458.81242
2042	4	995963.8353	1048339.475	-52375.63983	-5.258789323	-74834.45225
2042	5	1094007.768	1226530.239	-132522.4707	-12.11348535	-207356.9229
2042	6	1262311.206	1286625.526	-24314.3201	-1.926174781	-231671.243
2042	7	1323449.901	1364811.662	-41361.76057	-3.125298549	-273033.0036
2042	8	1326281.339	1368922.509	-42641.17027	-3.21509238	-315674.1739
2042	9	1406906.442	1285103.656	121802.7863	8.657490122	-193871.3876
2042	10	1235616.177	1176425.551	59190.62619	4.790373199	-134680.7614
2042	11	1091450.337	968174.4346	123275.9025	11.29468729	-11404.85889
2042	12	980925.8198	953300.8965	27624.92335	2.816209217	16220.06446
2043	1	984506.5194	939188.7901	45317.72928	4.603090826	45317.72928
2043	2	872133.766	857280.2327	14853.53328	1.703125582	60171.26256
2043	3	908171.6123	993886.7448	-85715.13247	-9.438208737	-25543.86991
2043	4	1003323.838	1063388.805	-60064.96657	-5.986598172	-85608.83648
2043	5	1122429.766	1245061.874	-122632.1089	-10.92559309	-208240.9454
2043	6	1280670.69	1306416.714	-25746.02431	-2.010354771	-233986.9697
2043	7	1346206.112	1386096.863	-39890.7503	-2.96319783	-273877.72
2043	8	1344833.733	1390310.353	-45476.61939	-3.381579319	-319354.3394
2043	9	1353340.725	1304920.778	48419.94671	3.577809034	-270934.3927
2043	10	1273819.487	1194058.347	79761.13991	6.261573225	-191173.2528
2043	11	1106495.991	981771.1717	124724.8189	11.2720534	-66448.43387
2043	12	1001792.035	966359.136	35432.89944	3.536951601	-31015.53443
2044	1	951574.7305	951958.8462	-384.1157449	-0.040366325	-384.1157449
2044	2	893284.1416	898319.7121	-5035.570538	-0.56371431	-5419.686283
2044	3	917561.4663	1008129.135	-90567.66865	-9.870474292	-95987.35493
2044	4	1083307.658	1079008.561	4299.096542	0.396849086	-91688.25839
2044	5	1096838.295	1264089.731	-167251.4353	-15.24850436	-258939.6937
2044	6	1284551.682	1326693.696	-42142.01334	-3.280678693	-301081.707
2044	7	1370019.867	1407914.255	-37894.38811	-2.76597362	-338976.0951
2044	8	1368984.507	1412271.995	-43287.48732	-3.162014405	-382263.5825
2044	9	1441698.911	1325329.804	116369.1065	8.07166501	-265894.4759
2044	10	1294042.199	1212335.173	81707.02655	6.314092895	-184187.4494
2044	11	1108446.445	996060.1141	112386.3311	10.13908535	-71801.11823
2044	12	993691.4135	980172.4616	13518.95184	1.360477876	-58282.16639
2045	1	1055461.727	965975.1301	89486.59669	8.478431233	89486.59669
2045	2	901599.7666	881720.4824	19879.28424	2.204890127	109365.8809
2045	3	932724.1795	1023711.427	-90987.24737	-9.755000392	18378.63356
2045	4	1031595.398	1096116.108	-64520.71024	-6.254458904	-46142.07668
2045	5	1143271.046	1284883.067	-141612.0213	-12.38656588	-187754.098
2045	6	1309787.792	1348776.688	-38988.89577	-2.976733789	-226742.9937
2045	7	1395945.901	1431576.858	-35630.95726	-2.552459751	-262373.951
2045	8	1452186.756	1436001.614	16185.1422	1.114535863	-246188.8088
2045	9	1403245.87	1347388.254	55857.61582	3.980600765	-190331.193
2045	10	1311382.76	1232136.142	79246.61839	6.042981562	-111084.5746
2045	11	1145660.713	1011613.244	134047.4692	11.70045089	22962.89457
2045	12	1035054.041	995208.2734	39845.76733	3.849631591	62808.6619
2046	1	1024564.335	981267.1276	43297.20719	4.225913954	43297.20719

2046	2	956530.6047	895700.828	60829.77672	6.359417715	104126.9839
2046	3	995042.1108	1040630.421	-45588.31035	-4.581545832	58538.67356
2046	4	1075914.403	1114596.688	-38682.28542	-3.595293949	19856.38814
2046	5	1162555.232	1307223.742	-144668.5096	-12.44401174	-124812.1215
2046	6	1354444.966	1372466.431	-18021.46498	-1.330542431	-142833.5865
2046	7	1418583.621	1456932.307	-38348.68561	-2.703308077	-181182.2721
2046	8	1412431.914	1461447.785	-49015.87095	-3.470317433	-230198.143
2046	9	1433846.087	1371046.994	62799.0926	4.379765246	-167399.0504
2046	10	1317748.748	1253387.488	64361.26063	4.884183022	-103037.7898
2046	11	1136006.757	1028359.278	107647.4789	9.475954108	4609.689137
2046	12	1023338.648	1011386.38	11952.26787	1.167967993	16561.95701
2047	1	1037541.551	997512.0442	40029.50706	3.858111225	40029.50706
2047	2	929315.1845	910558.0587	18757.1258	2.018381504	58786.63285
2047	3	1010457.402	1058553.446	-48096.04366	-4.75982892	10690.5892
2047	4	1106875.731	1134132.559	-27256.82739	-2.46250113	-16566.23819
2047	5	1222697.262	1330750.646	-108053.3846	-8.837296691	-124619.6228
2047	6	1378058.817	1397373.052	-19314.23557	-1.40155379	-143933.8584
2047	7	1444510.341	1483544.586	-39034.24488	-2.702247521	-182968.1033
2047	8	1439048.068	1488160.354	-49112.28591	-3.412831509	-232080.3892
2047	9	1461745.637	1395919.443	65826.19376	4.503259123	-166254.1954
2047	10	1337296.533	1275816.807	61479.72535	4.597314346	-104774.4701
2047	11	1146949.843	1046164.636	100785.2062	8.787237455	-3989.263935
2047	12	1037434.34	1028629.173	8805.167657	0.848744572	4815.903722
2048	1	1063959.948	1014678.242	49281.7061	4.631913653	49281.7061
2048	2	945583.3358	958042.3579	-12459.02211	-1.3176017	36822.68399
2048	3	1027574.477	1077436.567	-49862.09076	-4.852406506	-13039.40676
2048	4	1143920.848	1154635.71	-10714.86169	-0.936678591	-23754.26845
2048	5	1225288.688	1355346.307	-130057.6188	-10.61444703	-153811.8873
2048	6	1398248.59	1423386.471	-25137.88095	-1.797812001	-178949.7682
2048	7	1475839.146	1511350.287	-35511.14038	-2.406166043	-214460.9086
2048	8	1460135.823	1516071.297	-55935.4738	-3.830840454	-270396.3824
2048	9	1475593.991	1421921.64	53672.35037	3.637338638	-216724.032
2048	10	1379594.84	1299281.603	80313.23741	5.821508973	-136410.7946
2048	11	1172205.659	1064842.861	107362.7981	9.159041097	-29047.99655
2048	12	1056795.972	1046742.476	10053.49638	0.951318575	-18994.50017
2049	1	1099105.231	1033050.209	66055.0219	6.009890595	66055.0219
2049	2	993098.2344	943090.2817	50007.95273	5.035549455	116062.9746
2049	3	1048356.902	1097560.854	-49203.95219	-4.693435231	66859.02243
2049	4	1134698.975	1176514.836	-41815.86106	-3.685194221	25043.16137
2049	5	1231753.922	1381602.226	-149848.3039	-12.16544159	-124805.1425
2049	6	1424690.158	1451177.813	-26487.6549	-1.859187049	-151292.7974
2049	7	1507520.308	1541064.448	-33544.14012	-2.225120282	-184836.9376
2049	8	1493409.144	1545916.201	-52507.05703	-3.51591908	-237343.9946
2049	9	1506610.765	1449749.23	56861.53497	3.774135715	-180482.4596
2049	10	1402093.212	1324438.1	77655.11195	5.538512797	-102827.3477
2049	11	1192303.374	1084938.807	107364.5665	9.004802711	4537.218878
2049	12	1085088.797	1066274.398	18814.39895	1.733904083	23351.61783

2050	1	1046170.287	1052646.4	-6476.11282	-0.619030467	-6476.11282
2050	2	983870.782	961054.7493	22816.03268	2.319007038	16339.91986
2050	3	1017456.173	1119022.934	-101566.7609	-9.982421223	-85226.84108
2050	4	1120787.434	1199748.404	-78960.97072	-7.045133479	-164187.8118
2050	5	1256000.386	1409307.045	-153306.6591	-12.20594045	-317494.4709
2050	6	1432615.585	1480424.009	-47808.4241	-3.337142539	-365302.8951
2050	7	1529453.868	1572296.623	-42842.75478	-2.801179929	-408145.6498
2050	8	1599778.707	1577292.144	22486.56339	1.405604618	-385659.0865
2050	9	1539109.847	1479075.459	60034.38705	3.900591448	-325624.6994
2050	10	1443760.246	1351072.954	92687.29215	6.419853462	-232937.4072
2050	11	1252857.593	1106385.284	146472.3087	11.69105806	-86465.09857
2050	12	1135715.22	1087150.61	48564.61035	4.276125695	-37900.48822

Year	Month	Difference	XOther_C	XCool_C	XHeat_C
2010	12				
2011	1	58706.01512	16379.62612	1156.31291	41170.07609
2011	2	20636.64333	27275.54509	-22571.94781	15933.04605
2011	3	-53041.22016	-25019.135	-28148.11583	126.0306678
2011	4	-83619.91662	-9412.236665	-74207.67995	0
2011	5	-35372.35018	-3143.82659	-32228.52359	0
2011	6	-32871.56188	8667.082667	-41538.64455	0
2011	7	-20069.55713	-7096.579213	-12972.97792	0
2011	8	3379.251595	4735.77481	-1356.523215	0
2011	9	36282.07993	3952.545804	32329.53413	0
2011	10	84802.41494	-16625.88143	101428.2964	0
2011	11	30110.72393	-793.9027759	30904.6267	0
2011	12	37419.9367	8783.418867	28636.51783	0
2012	1	26271.57837	17365.38611	12847.98865	-3941.796388
2012	2	-18174.21727	9476.462184	-26678.94232	-971.7371312
2012	3	-71808.51561	-25289.44273	-51408.6057	4889.532812
2012	4	3065.284459	3951.096781	-885.8123219	0
2012	5	-99445.97974	-16575.78492	-82870.19482	0
2012	6	942.7295708	9505.734447	-8563.004877	0
2012	7	-38225.56867	-7152.56395	-31073.00472	0
2012	8	15698.51438	3984.654671	11713.85971	0
2012	9	25158.18027	4783.217629	20374.96264	0
2012	10	44987.67652	-17523.99603	62511.67255	0
2012	11	103218.0407	-2391.836825	105609.8775	0
2012	12	2829.957949	12045.97631	-7368.301112	-1847.717252
2013	1	9008.447064	14486.26419	-7045.89165	1568.074525
2013	2	18247.26199	27403.12806	-6000.322741	-3155.543332
2013	3	-9619.049951	-25800.71011	13711.18616	2470.473999
2013	4	-75598.20525	10475.69176	-87026.33608	952.43907
2013	5	-31613.36869	-805.5175467	-30807.85114	0
2013	6	-32592.2497	12929.03464	-45521.28434	0
2013	7	-10413.13163	-9734.095963	-679.0356631	0
2013	8	-47405.00755	-19542.20895	-27862.7986	0
2013	9	38106.88924	7354.690894	30752.19835	0
2013	10	34437.95139	-20461.13421	54899.0856	0
2013	11	64779.44182	818.793098	63960.64872	0
2013	12	24502.14096	821.0173597	23681.1236	0
2014	1	41649.35389	22539.08971	33648.58525	-14538.32107
2014	2	48400.57259	49844.12486	-15608.51661	14164.96434
2014	3	-31806.82338	-25880.86425	-6251.33015	325.3710229
2014	4	-64278.76718	-4883.270323	-59395.49686	0
2014	5	-75925.56848	-8180.151572	-67745.41691	0
2014	6	-19302.63375	13133.61863	-32436.25238	0
2014	7	-25996.87929	-9892.855378	-16104.02391	0
2014	8	-41298.795	-19845.67664	-21453.11837	0
2014	9	102657.5939	32318.66647	70338.92747	0

2014	10	31235.03473	-22389.66375	53624.69848	0
2014	11	78028.44253	4150.805586	75605.96345	-1728.326502
2014	12	7158.162191	4165.870272	1260.497814	1731.794105
2015	1	38500.5368	19064.3897	20054.0426	-617.8955042
2015	2	20368.26764	25686.47134	3895.280483	-9213.484181
2015	3	-84253.71495	-26588.01273	-67506.26492	9840.562697
2015	4	-65650.29718	-3342.742099	-62307.55509	0
2015	5	-49713.98271	-9230.60354	-40483.37917	0
2015	6	-13983.18974	12643.8277	-26627.01743	0
2015	7	-9046.80964	-9299.107837	252.2981961	0
2015	8	-31641.09035	-21183.0058	-10458.08455	0
2015	9	27653.47932	3393.424112	24260.05521	0
2015	10	36998.93877	-16976.13992	53975.07869	0
2015	11	38910.76413	4.80504E-09	38910.76413	0
2015	12	14303.62665	6826.074488	7477.552161	0
2016	1	66431.44401	-7712.2129	82784.75656	-8641.099652
2016	2	17905.70024	14523.94261	-5195.678106	8577.43574
2016	3	-92103.55007	-27452.17719	-64677.55205	26.17917146
2016	4	5454.476451	32953.12561	-27498.64916	0
2016	5	-90983.54174	-22598.05828	-68385.48346	0
2016	6	-42283.50757	9609.351413	-51892.85898	0
2016	7	-32808.73199	-7870.494828	-24938.23717	0
2016	8	-21008.26985	-19313.04524	-1695.224614	0
2016	9	67131.85807	29032.08124	38099.77683	0
2016	10	58663.59961	-18493.49633	77157.09594	0
2016	11	84962.10525	-10595.24823	95557.35348	0
2016	12	-24469.95385	-7090.081536	-14856.48509	-2523.387234
2017	1	65210.10552	44078.50311	29091.09116	-7959.488745
2017	2	33121.86508	29989.41504	-6322.760179	9455.210217
2017	3	-49824.24051	-28291.90929	-22521.60771	989.2764883
2017	4	-66692.45216	-1769.64183	-64922.81033	0
2017	5	-63811.332	-12388.97461	-51422.35739	0
2017	6	-9538.960517	10637.15134	-20176.11186	0
2017	7	-40716.31983	-7086.964314	-33629.35552	0
2017	8	-3237.380515	3547.157416	-6784.537931	0
2017	9	30889.19	5346.959072	25542.23093	0
2017	10	54593.46163	-19689.18143	74282.64306	0
2017	11	93852.72365	1801.518383	92051.20526	0
2017	12	28152.09415	9053.523082	19518.62676	-420.0556933
2018	1	12107.16582	17105.12992	15361.43059	-20359.39469
2018	2	7313.272891	55002.57408	-68432.48906	20743.18787
2018	3	42200.71726	-3619.284176	45820.00144	0
2018	4	-36115.16931	13577.38221	-49692.55152	0
2018	5	-86545.10759	-28057.96366	-58487.14394	0
2018	6	-20860.57685	14555.41723	-35415.99408	0
2018	7	-18204.02008	-9134.99916	-9069.020923	0
2018	8	-40858.48147	-23784.06882	-17074.41264	0

2018	9	3560.584297	9162.406578	-5601.822281	0
2018	10	41532.54257	-23810.68751	65343.23009	0
2018	11	81857.40104	-7323.25639	90327.47016	-1146.812733
2018	12	20077.02279	-5492.848941	24753.04998	816.8217468
2019	1	36374.59092	15588.18019	21385.35046	-598.9397329
2019	2	-20369.79183	30228.21399	-51521.24677	923.2409454
2019	3	20560.83791	-3682.779686	24243.6176	0
2019	4	-34852.43742	21210.83331	-56063.27072	0
2019	5	-89884.88368	-9230.87581	-80654.00787	0
2019	6	-1401.720508	13915.52731	-15317.24782	0
2019	7	-3586.073643	-9311.115011	5725.041368	0
2019	8	-56379.41046	-24166.49561	-32212.91485	0
2019	9	23387.48125	10256.0777	13131.40355	0
2019	10	-11240.13057	-25173.66196	13933.5314	0
2019	11	137736.3661	-11207.7594	148944.1255	0
2019	12	-16400.5654	-7533.274994	-8867.290403	0
2020	1	32455.87924	21732.96667	16633.22779	-5910.315228
2020	2	1987.077299	12098.14867	-15922.93865	5811.867279
2020	3	-81460.88049	-3616.441131	-77844.43936	0
2020	4	35859.87407	28926.90766	6932.966415	0
2020	5	-57999.00241	-16824.77215	-41174.23026	0
2020	6	-27840.79503	12257.44806	-40098.24309	0
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2020	8	-37823.47953	-26015.61312	-11807.8664	0
2020	9	38594.06006	4673.277314	33920.78274	0
2020	10	-6015.265775	-19469.7059	13454.44013	0
2020	11	75432.04423	-11053.23303	86485.27726	0
2020	12	54699.18142	-7408.237089	75108.4135	-13000.99499
2021	1	40113.73897	29894.93138	-1894.984874	12113.79247
2021	2	20352.47424	49157.79346	-29207.83561	402.516386
2021	3	-32174.58186	-3828.731722	-28940.35306	594.5029199
2021	4	-14868.86807	12539.3753	-27408.24337	0
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2021	7	-38692.39122	-6862.318527	-31830.07269	0
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2021	12	9046.592635	-1991.45509	18752.69457	-7714.646841
2022	1	30043.98594	18794.66259	9851.802365	1397.520988
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2022	12	27628.61221	11186.56039	24714.01112	-8271.959303
2023	1	31613.59838	20210.96469	10619.66998	782.9637137
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2023	3	-63961.01971	-32434.52727	-34379.29425	2852.801812
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2023	5	-100772.4981	-21367.72381	-79404.77433	0
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2023	12	25869.53944	10347.22058	23857.76453	-8335.445668
2024	1	-5649.478716	-14466.78534	9189.680035	-372.3734091
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2024	12	17553.14407	6.26745E-09	26150.16596	-8597.021888
2025	1	72761.8462	59724.45513	11653.85492	1383.536145
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2025	12	19372.30915	5352.154798	22155.75305	-8135.598701
2026	1	35448.31897	24387.54529	9509.365192	1551.408493
2026	2	12738.54019	32815.21557	-23254.58603	3177.910647
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2026	12	25058.08086	8646.761319	24695.00854	-8283.689003
2027	1	46447.38357	34309.49423	10692.04528	1445.844061
2027	2	36698.14003	55655.07248	-22405.63899	3448.706544
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2028	1	-43364.44643	-49996.75404	7808.003735	-1175.696132
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2029	1	33115.33045	20962.02131	11218.16517	935.1439753
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2030	1	30405.73771	18981.52083	10528.29963	895.9172532
2030	2	15837.42888	36781.94041	-24747.71959	3803.208056
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2041	1	78446.31996	62008.42736	15203.61402	1234.278587
2041	2	17506.72313	43460.63828	-29632.24374	3678.328586
2041	3	-42519.62849	-5287.254247	-39816.75027	2584.376029
2041	4	-23868.07194	30474.08515	-55059.30258	717.1454849
2041	5	-96204.50066	-13259.28937	-82945.21129	0
2041	6	-16986.94019	19958.74955	-36945.68974	0
2041	7	-34835.25573	-13345.45869	-21489.79704	0
2041	8	-43998.62827	-34761.89099	-9236.737277	0
2041	9	58673.80037	14737.79028	43936.0101	0
2041	10	54331.33751	-36175.74363	90507.08113	0
2041	11	89468.31301	-16087.77073	105609.5109	-53.42712049
2041	12	6820.62922	-10760.4108	25525.38622	-7944.346199
2042	1	44067.05031	30837.13465	12260.6714	969.2442573
2042	2	17885.19702	44165.19586	-29914.5868	3634.58796

2042	3	-84411.05976	-42982.99753	-43833.20473	2405.142505
2042	4	-52375.63983	10771.3304	-63920.41974	773.4495073
2042	5	-132522.4707	-32336.97018	-100185.5005	0
2042	6	-24314.3201	21633.53197	-45947.85207	0
2042	7	-41361.76057	-16273.3655	-25088.39507	0
2042	8	-42641.17027	-32606.1172	-10035.05307	0
2042	9	121802.7863	53095.60748	68707.1788	0
2042	10	59190.62619	-36759.76644	95950.39263	0
2042	11	123275.9025	6811.448298	116531.0306	-66.57641363
2042	12	27624.92335	6833.928125	28632.46997	-7841.474751
2043	1	45317.72928	31372.99458	12444.54765	1500.187046
2043	2	14853.53328	42209.81212	-30428.91544	3072.636605
2043	3	-85715.13247	-43730.58207	-44360.34739	2375.796992
2043	4	-60064.96657	4109.455377	-64933.05586	758.6339127
2043	5	-122632.1089	-24674.45303	-97957.65587	0
2043	6	-25746.02431	20634.02031	-46380.04462	0
2043	7	-39890.7503	-15176.566	-24714.18431	0
2043	8	-45476.61939	-34555.21684	-10921.40255	0
2043	9	48419.94671	5540.390932	42879.55577	0
2043	10	79761.13991	-27702.98363	107464.1235	0
2043	11	124724.8189	7.93877E-09	124791.3757	-66.55684375
2043	12	35432.89944	11124.1785	32319.40538	-8010.684444
2044	1	-384.1157449	-12493.27011	12036.69921	72.45515768
2044	2	-5035.570538	23556.27104	-32588.76023	3996.91865
2044	3	-90567.66865	-44502.61275	-48991.48003	2926.424136
2044	4	4299.096542	68304.38587	-64873.82951	868.5401844
2044	5	-167251.4353	-51613.00298	-115638.4323	0
2044	6	-42142.01334	15398.51894	-57540.53229	0
2044	7	-37894.38811	-12636.66168	-25257.72643	0
2044	8	-43287.48732	-30947.0933	-12340.39402	0
2044	9	116369.1065	46518.34883	69850.7577	0
2044	10	81707.02655	-29603.62877	111310.6553	0
2044	11	112386.3311	-16926.55139	129379.3498	-66.46730773
2044	12	13518.95184	-11321.65433	33169.02725	-8328.42108
2045	1	89486.59669	70692.37023	17784.49264	1009.733827
2045	2	19879.28424	47985.16116	-31714.78324	3608.906324
2045	3	-90987.24737	-45327.33314	-48431.23197	2771.317739
2045	4	-64520.71024	7099.246698	-72412.85871	792.9017756
2045	5	-141612.0213	-29838.37136	-111773.6499	0
2045	6	-38988.89577	17110.52527	-56099.42104	0
2045	7	-35630.95726	-11441.18555	-24189.77171	0
2045	8	16185.1422	5731.088225	10454.05397	0
2045	9	55857.61582	8614.737928	47242.8779	0
2045	10	79246.61839	-31588.5999	110835.2183	0
2045	11	134047.4692	2873.414366	131240.4938	-66.43901947
2045	12	39845.76733	14414.55926	33502.97495	-8071.766875
2046	1	43297.20719	27383.77745	15011.38231	902.0474288

2046	2	60829.77672	87759.30546	-30925.18285	3995.654113
2046	3	-45588.31035	-5775.627652	-42203.16482	2390.482127
2046	4	-38682.28542	21709.74965	-61034.16654	642.1314722
2046	5	-144668.5096	-44898.46219	-99770.04742	0
2046	6	-18021.46498	23254.59693	-41276.06192	0
2046	7	-38348.68561	-14577.45841	-23771.2272	0
2046	8	-49015.87095	-37970.50048	-11045.37047	0
2046	9	62799.0926	14634.64134	48164.45126	0
2046	10	64361.26063	-38051.15605	102412.4167	0
2046	11	107647.4789	-11714.91082	119415.5881	-53.19837021
2046	12	11952.26787	-8815.052933	28728.63396	-7961.313152
2047	1	40029.50706	24988.13388	14178.29652	863.0766583
2047	2	18757.1258	48419.55917	-33326.09142	3663.658051
2047	3	-48096.04366	-5890.465646	-44779.61519	2574.037181
2047	4	-27256.82739	33950.64821	-61921.74878	714.2731766
2047	5	-108053.3846	-14771.69176	-93281.69288	0
2047	6	-19314.23557	22235.03751	-41549.27308	0
2047	7	-39034.24488	-14867.20939	-24167.03549	0
2047	8	-49112.28591	-38725.00657	-10387.27934	0
2047	9	65826.19376	16417.86861	49408.32514	0
2047	10	61479.72535	-40299.38912	101779.1145	0
2047	11	100785.2062	-17921.17149	118759.585	-53.20739222
2047	12	8805.167657	-11986.46008	28703.14777	-7911.520031
2048	1	49281.7061	34493.65313	13820.84478	967.2081944
2048	2	-12459.02211	19461.40661	-35547.37725	3626.948534
2048	3	-49862.09076	-6009.945101	-46271.13365	2418.987997
2048	4	-10714.86169	49698.23752	-61165.94303	752.843823
2048	5	-130057.6188	-28633.89908	-101423.7197	0
2048	6	-25137.88095	21172.21598	-46310.09693	0
2048	7	-35511.14038	-12134.1499	-23376.99048	0
2048	8	-55935.4738	-42546.55711	-13388.91669	0
2048	9	53672.35037	7613.402227	46058.94814	0
2048	10	80313.23741	-31976.74261	112289.98	0
2048	11	107362.7981	-18282.82253	125698.8295	-53.20886258
2048	12	10053.49638	-12228.32545	30289.80554	-8007.983707
2049	1	66055.0219	48997.56362	15657.19331	1400.264971
2049	2	50007.95273	79476.50996	-32808.34504	3339.787816
2049	3	-49203.95219	-6135.716059	-45572.73659	2504.500462
2049	4	-41815.86106	19988.11541	-62429.20375	625.2272846
2049	5	-149848.3039	-44620.757	-105227.5469	0
2049	6	-26487.6549	20072.4769	-46560.1318	0
2049	7	-33544.14012	-10840.34167	-22703.79845	0
2049	8	-52507.05703	-40337.55262	-12169.50441	0
2049	9	56861.53497	9327.993492	47533.54148	0
2049	10	77655.11195	-34203.22665	111858.3386	0
2049	11	107364.5665	-18667.04327	126071.6517	-40.04184609
2049	12	18814.39895	-3121.395501	29643.64893	-7707.854486

2050	1	-6476.11282	-20336.67176	13735.76725	124.7916943
2050	2	22816.03268	54653.46557	-35492.02053	3654.587636
2050	3	-101566.7609	-50150.86967	-54403.66732	2987.776045
2050	4	-78960.97072	3141.851517	-82897.5635	794.7412564
2050	5	-153306.6591	-28296.84275	-125009.8164	0
2050	6	-47808.4241	17353.2496	-65161.6737	0
2050	7	-42842.75478	-14240.4265	-28602.32829	0
2050	8	22486.56339	9511.081568	12975.48182	0
2050	9	60034.38705	7942.525753	52091.8613	0
2050	10	92687.29215	-33359.91583	126047.208	0
2050	11	146472.3087	-1589.527229	148128.427	-66.59105478
2050	12	48564.61035	17542.40198	39112.35861	-8090.150238

Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2010	12	165,779.67	163,350.26	2,429.413	1.47	
2011	1	159,632.37	154,795.43	4,836.931	3.03	4836.931255
2011	2	168,614.98	160,917.15	7,697.831	4.57	12534.76211
2011	3	167,407.44	175,451.07	-8,043.626	-4.80	4491.135807
2011	4	169,696.54	178,498.80	-8,802.254	-5.19	-4311.118246
2011	5	183,658.37	187,651.21	-3,992.844	-2.17	-8303.962045
2011	6	188,079.52	190,087.89	-2,008.376	-1.07	-10312.33774
2011	7	186,271.78	189,543.73	-3,271.948	-1.76	-13584.28588
2011	8	199,310.09	198,164.15	1,145.944	0.57	-12438.34182
2011	9	192,659.57	188,202.59	4,456.972	2.31	-7981.369499
2011	10	177,389.41	172,802.81	4,586.596	2.59	-3394.773938
2011	11	180,824.45	178,891.33	1,933.119	1.07	-1461.655038
2011	12	167,941.22	164,187.21	3,754.007	2.24	2292.351547
2012	1	160,609.69	155,611.62	4,998.073	3.11	4998.072751
2012	2	168,789.50	166,713.82	2,075.678	1.23	7073.750977
2012	3	169,659.47	179,272.03	-9,612.563	-5.67	-2538.811622
2012	4	176,879.27	176,376.73	502.545	0.28	-2036.267069
2012	5	178,302.94	190,616.63	-12,313.689	-6.91	-14349.95654
2012	6	189,441.17	187,766.72	1,674.451	0.88	-12675.50526
2012	7	184,918.84	190,053.09	-5,134.256	-2.78	-17809.76088
2012	8	184,168.00	181,882.21	2,285.785	1.24	-15523.97571
2012	9	191,701.40	188,308.04	3,393.354	1.77	-12130.62135
2012	10	178,911.02	178,160.25	750.765	0.42	-11379.85609
2012	11	184,076.91	178,440.26	5,636.650	3.06	-5743.206496
2012	12	168,922.15	165,513.57	3,408.580	2.02	-2334.626079
2013	1	161,183.43	157,350.73	3,832.697	2.38	3832.697429
2013	2	170,794.76	163,430.28	7,364.484	4.31	11197.1811
2013	3	169,865.27	176,813.80	-6,948.534	-4.09	4248.646947
2013	4	177,121.21	178,895.52	-1,774.306	-1.00	2474.340603
2013	5	183,479.53	186,490.89	-3,011.360	-1.64	-537.0190487
2013	6	189,673.50	190,822.64	-1,149.136	-0.61	-1686.155161
2013	7	185,387.69	188,008.24	-2,620.556	-1.41	-4306.711652
2013	8	190,786.23	198,719.66	-7,933.432	-4.16	-12240.1436
2013	9	195,085.54	190,053.54	5,031.999	2.58	-7208.144264
2013	10	179,954.04	180,435.21	-481.171	-0.27	-7689.314833
2013	11	187,712.71	182,697.48	5,015.237	2.67	-2674.077853
2013	12	169,781.77	168,606.63	1,175.144	0.69	-1498.933913
2014	1	166,065.71	158,651.73	7,413.982	4.46	7413.982463
2014	2	178,802.49	164,773.94	14,028.548	7.85	21442.53005
2014	3	171,075.54	178,642.25	-7,566.704	-4.42	13875.82615
2014	4	173,912.37	178,758.33	-4,845.962	-2.79	9029.863741
2014	5	183,653.54	191,541.58	-7,888.040	-4.30	1141.824081
2014	6	192,640.91	192,445.03	195.880	0.10	1337.704105
2014	7	188,373.10	192,524.92	-4,151.821	-2.20	-2814.11686
2014	8	194,190.75	201,426.36	-7,235.609	-3.73	-10049.72586
2014	9	205,357.79	190,077.39	15,280.404	7.44	5230.678096

2014	10	178,233.94	178,833.88	-599.938	-0.34	4630.740348
2014	11	186,876.34	182,324.21	4,552.134	2.44	9182.874342
2014	12	170,530.46	168,988.82	1,541.642	0.90	10724.51635
2015	1	166,030.78	160,459.11	5,571.669	3.36	5571.669445
2015	2	172,965.54	165,791.43	7,174.108	4.15	12745.77732
2015	3	174,047.69	184,170.45	-10,122.759	-5.82	2623.017993
2015	4	180,517.61	186,031.46	-5,513.847	-3.05	-2890.829472
2015	5	188,822.82	194,973.08	-6,150.257	-3.26	-9041.086715
2015	6	195,984.32	195,361.73	622.595	0.32	-8418.491791
2015	7	191,590.44	193,903.45	-2,313.008	-1.21	-10731.4997
2015	8	194,318.12	200,650.59	-6,332.470	-3.26	-17063.96979
2015	9	196,704.99	193,505.80	3,199.185	1.63	-13864.7849
2015	10	183,150.02	182,249.53	900.491	0.49	-12964.29413
2015	11	192,475.86	189,802.04	2,673.820	1.39	-10290.47393
2015	12	175,639.37	173,341.27	2,298.092	1.31	-7992.38198
2016	1	161,983.34	160,827.66	1,155.679	0.71	1155.678812
2016	2	175,350.59	171,341.78	4,008.814	2.29	5164.492873
2016	3	173,760.53	183,504.64	-9,744.106	-5.61	-4579.613296
2016	4	187,931.36	180,750.71	7,180.651	3.82	2601.037282
2016	5	197,762.90	209,558.48	-11,795.577	-5.96	-9194.539433
2016	6	194,271.12	196,770.00	-2,498.872	-1.29	-11693.41111
2016	7	193,932.30	198,192.16	-4,259.859	-2.20	-15953.26992
2016	8	198,397.09	203,238.99	-4,841.903	-2.44	-20795.17316
2016	9	206,691.03	196,078.14	10,612.892	5.13	-10182.28149
2016	10	186,787.20	184,564.20	2,223.004	1.19	-7959.277897
2016	11	205,938.40	202,709.77	3,228.632	1.57	-4730.645665
2016	12	187,858.10	190,089.67	-2,231.573	-1.19	-6962.218262
2017	1	144,272.90	132,023.76	12,249.143	8.49	12249.14289
2017	2	190,420.20	182,420.75	7,999.452	4.20	20248.59472
2017	3	174,469.05	182,874.18	-8,405.129	-4.82	11843.46547
2017	4	180,081.79	184,866.91	-4,785.119	-2.66	7058.34629
2017	5	187,555.64	195,059.15	-7,503.505	-4.00	-445.1588618
2017	6	194,247.41	193,514.50	732.919	0.38	287.7606062
2017	7	191,832.09	196,680.00	-4,847.903	-2.53	-4560.14234
2017	8	204,947.61	204,720.95	226.658	0.11	-4333.484441
2017	9	199,598.62	195,933.24	3,665.383	1.84	-668.1013816
2017	10	187,802.95	187,187.98	614.971	0.33	-53.1305947
2017	11	193,728.35	186,427.96	7,300.395	3.77	7247.264623
2017	12	175,081.49	172,126.52	2,954.965	1.69	10202.22989
2018	1	167,887.66	163,379.55	4,508.111	2.69	4508.110663
2018	2	183,686.55	172,412.52	11,274.031	6.14	15782.1413
2018	3	197,978.73	196,712.47	1,266.260	0.64	17048.40177
2018	4	170,862.96	170,040.31	822.651	0.48	17871.05315
2018	5	184,306.50	195,884.72	-11,578.223	-6.28	6292.830227
2018	6	197,801.23	197,637.22	164.013	0.08	6456.843111
2018	7	193,939.86	196,894.47	-2,954.613	-1.52	3502.229646
2018	8	197,946.98	205,043.72	-7,096.742	-3.59	-3594.51228

2018	9	202,271.54	200,642.36	1,629.181	0.81	-1965.331465
2018	10	190,671.60	190,629.66	41.937	0.02	-1923.394166
2018	11	194,346.89	190,328.67	4,018.227	2.07	2094.833254
2018	12	174,488.32	174,828.76	-340.441	-0.20	1754.391999
2019	1	153,027.90	148,518.75	4,509.155	2.95	4509.154552
2019	2	178,689.01	173,057.29	5,631.719	3.15	10140.87356
2019	3	186,039.58	185,387.82	651.763	0.35	10792.63617
2019	4	187,626.01	185,682.01	1,943.994	1.04	12736.63037
2019	5	191,334.79	200,286.25	-8,951.454	-4.68	3785.176611
2019	6	201,634.90	199,820.53	1,814.372	0.90	5599.548355
2019	7	178,662.00	180,268.07	-1,606.066	-0.90	3993.482211
2019	8	197,549.05	206,006.84	-8,457.790	-4.28	-4464.307633
2019	9	204,997.97	201,456.80	3,541.164	1.73	-923.1439363
2019	10	189,885.33	194,375.63	-4,490.297	-2.36	-5413.440961
2019	11	196,508.56	189,187.01	7,321.544	3.73	1908.103313
2019	12	173,062.44	174,741.52	-1,679.075	-0.97	229.0283635
2020	1	172,506.97	167,153.30	5,353.665	3.10	5353.665369
2020	2	180,698.77	178,420.56	2,278.204	1.26	7631.869865
2020	3	186,606.86	192,310.49	-5,703.636	-3.06	1928.234082
2020	4	194,519.90	186,551.34	7,968.558	4.10	9896.792194
2020	5	184,436.51	192,270.79	-7,834.276	-4.25	2062.515758
2020	6	171,926.50	172,809.61	-883.108	-0.51	1179.407457
2020	7	191,911.40	193,934.76	-2,023.360	-1.05	-843.9528073
2020	8	195,388.59	202,426.26	-7,037.664	-3.60	-7881.617175
2020	9	199,522.30	195,376.99	4,145.315	2.08	-3736.302264
2020	10	186,298.52	189,541.80	-3,243.281	-1.74	-6979.583327
2020	11	193,814.86	189,567.49	4,247.368	2.19	-2732.215486
2020	12	187,207.20	186,436.62	770.577	0.41	-1961.638131
2021	1	180,288.51	172,944.45	7,344.069	4.07	7344.069272
2021	2	191,027.90	180,190.31	10,837.595	5.67	18181.66472
2021	3	193,718.79	196,430.45	-2,711.662	-1.40	15470.0031
2021	4	209,950.50	208,180.76	1,769.745	0.84	17239.74787
2021	5	196,710.55	207,825.27	-11,114.722	-5.65	6125.025988
2021	6	208,163.55	207,476.52	687.030	0.33	6812.056078
2021	7	204,058.59	208,299.60	-4,241.006	-2.08	2571.050548
2021	8	208,979.73	215,176.08	-6,196.354	-2.97	-3625.30301
2021	9	211,514.91	207,654.38	3,860.527	1.83	235.2239228
2021	10	197,714.61	197,062.06	652.553	0.33	887.7765833
2021	11	200,939.42	199,555.21	1,384.211	0.69	2271.987144
2021	12	185,172.72	185,213.02	-40.301	-0.02	2231.685837
2022	1	181,007.55	176,455.04	4,552.513	2.52	4552.512798
2022	2	183,025.17	182,736.44	288.726	0.16	4841.239269
2022	3	189,450.96	197,881.30	-8,430.336	-4.45	-3589.097125
2022	4	192,802.39	196,892.54	-4,090.143	-2.12	-7679.240303
2022	5	201,042.04	209,344.05	-8,302.016	-4.13	-15981.25658
2022	6	209,191.83	210,285.99	-1,094.163	-0.52	-17075.41913
2022	7	206,963.92	210,396.66	-3,432.741	-1.66	-20508.1604

2022	8	219,732.24	217,755.59	1,976.647	0.90	-18531.51294
2022	9	213,675.93	209,842.01	3,833.919	1.79	-14697.59369
2022	10	200,404.32	198,921.12	1,483.201	0.74	-13214.3925
2022	11	205,752.82	201,135.00	4,617.818	2.24	-8596.574166
2022	12	189,628.15	186,529.04	3,099.111	1.63	-5497.463215
2023	1	182,294.53	177,502.69	4,791.835	2.63	4791.835012
2023	2	190,906.34	183,529.76	7,376.576	3.86	12168.4106
2023	3	190,056.99	198,484.02	-8,427.035	-4.43	3741.376087
2023	4	195,689.38	197,378.03	-1,688.647	-0.86	2052.728631
2023	5	199,184.47	209,764.62	-10,580.157	-5.31	-8527.428269
2023	6	209,932.08	210,666.51	-734.432	-0.35	-9261.860651
2023	7	207,610.12	210,736.87	-3,126.753	-1.51	-12388.61362
2023	8	219,535.08	218,057.54	1,477.535	0.67	-10911.07904
2023	9	214,185.20	210,118.77	4,066.437	1.90	-6844.642298
2023	10	200,303.54	199,193.44	1,110.103	0.55	-5734.539114
2023	11	206,601.22	201,416.67	5,184.551	2.51	-549.9884895
2023	12	189,659.28	186,822.97	2,836.313	1.50	2286.324543
2024	1	174,820.49	177,802.50	-2,982.011	-1.71	-2982.010609
2024	2	192,118.55	188,387.05	3,731.498	1.94	749.4876881
2024	3	190,296.76	198,760.19	-8,463.426	-4.45	-7713.938544
2024	4	194,522.04	197,622.33	-3,100.286	-1.59	-10814.22439
2024	5	200,140.15	209,971.68	-9,831.537	-4.91	-20645.76148
2024	6	217,094.94	210,844.94	6,250.008	2.88	-14395.75349
2024	7	207,203.06	210,903.14	-3,700.075	-1.79	-18095.82879
2024	8	219,996.00	218,221.07	1,774.925	0.81	-16320.90329
2024	9	215,162.80	210,276.51	4,886.285	2.27	-11434.61873
2024	10	199,767.67	199,333.49	434.180	0.22	-11000.43896
2024	11	206,892.36	201,527.68	5,364.680	2.59	-5635.759348
2024	12	187,524.97	186,897.44	627.537	0.33	-5008.222157
2025	1	191,056.70	177,836.61	13,220.095	6.92	13220.09451
2025	2	190,971.41	183,817.11	7,154.308	3.75	20374.40218
2025	3	190,297.97	198,716.68	-8,418.712	-4.42	11955.6906
2025	4	193,403.55	197,547.64	-4,144.097	-2.14	7811.593317
2025	5	202,174.47	209,867.68	-7,693.203	-3.81	118.3901948
2025	6	211,266.98	210,710.70	556.281	0.26	674.6709657
2025	7	206,614.15	210,735.53	-4,121.376	-1.99	-3446.705007
2025	8	212,282.76	218,019.40	-5,736.632	-2.70	-9183.336926
2025	9	222,651.68	210,043.65	12,608.032	5.66	3424.694635
2025	10	198,586.93	199,076.29	-489.366	-0.25	2935.328194
2025	11	206,751.78	201,252.17	5,499.604	2.66	8434.931934
2025	12	188,238.70	186,608.25	1,630.454	0.87	10065.38583
2026	1	182,977.98	177,537.40	5,440.579	2.97	5440.579013
2026	2	190,215.40	183,511.60	6,703.795	3.52	12144.37363
2026	3	189,991.91	198,409.30	-8,417.389	-4.43	3726.984668
2026	4	196,646.07	197,242.75	-596.676	-0.30	3130.308173
2026	5	198,746.38	209,569.19	-10,822.811	-5.45	-7692.503237
2026	6	210,797.50	210,421.66	375.842	0.18	-7316.661319

2026	7	206,603.06	210,457.84	-3,854.772	-1.87	-11171.43369
2026	8	211,761.43	217,753.48	-5,992.050	-2.83	-17163.48351
2026	9	213,270.84	209,788.49	3,482.355	1.63	-13681.12824
2026	10	200,418.13	198,829.78	1,588.350	0.79	-12092.77841
2026	11	205,687.90	201,014.22	4,673.681	2.27	-7419.09716
2026	12	188,762.50	186,381.35	2,381.152	1.26	-5037.94513
2027	1	184,836.28	177,325.86	7,510.422	4.06	7510.421854
2027	2	194,822.52	183,319.18	11,503.345	5.90	19013.76687
2027	3	196,243.00	198,236.78	-1,993.786	-1.02	17019.98099
2027	4	197,664.38	197,090.08	574.299	0.29	17594.28022
2027	5	197,828.84	209,434.62	-11,605.775	-5.87	5988.504754
2027	6	210,561.57	210,300.05	261.524	0.12	6250.028826
2027	7	207,624.17	210,342.91	-2,718.744	-1.31	3531.284839
2027	8	211,445.78	217,642.13	-6,196.354	-2.93	-2665.068719
2027	9	213,542.94	209,682.41	3,860.527	1.81	1195.458214
2027	10	199,386.37	198,733.82	652.553	0.33	1848.010874
2027	11	202,316.70	200,932.49	1,384.211	0.68	3232.221435
2027	12	186,275.53	186,315.83	-40.301	-0.02	3191.920128
2028	1	166,977.09	177,276.67	-10,299.576	-6.17	-10299.57636
2028	2	198,426.62	187,848.60	10,578.022	5.33	278.4454448
2028	3	189,770.80	198,217.31	-8,446.507	-4.45	-8168.061349
2028	4	200,152.23	197,083.37	3,068.860	1.53	-5099.201096
2028	5	200,516.42	209,442.11	-8,925.690	-4.45	-14024.89148
2028	6	209,591.59	210,326.02	-734.432	-0.35	-14759.32387
2028	7	214,821.28	210,392.99	4,428.299	2.06	-10331.02522
2028	8	211,640.41	217,717.93	-6,077.517	-2.87	-16408.54225
2028	9	221,878.27	209,780.05	12,098.223	5.45	-4310.318857
2028	10	198,850.73	198,844.84	5.896	0.00	-4304.423149
2028	11	202,601.47	201,050.76	1,550.702	0.77	-2753.721535
2028	12	185,981.69	186,439.11	-457.417	-0.25	-3211.138672
2029	1	181,963.90	177,405.42	4,558.481	2.51	4558.480534
2029	2	196,974.85	183,419.80	13,555.051	6.88	18113.53124
2029	3	196,382.85	198,354.09	-1,971.240	-1.00	16142.29158
2029	4	198,169.81	197,219.73	950.080	0.48	17092.37112
2029	5	197,457.95	209,575.89	-12,117.935	-6.14	4974.435808
2029	6	211,487.26	210,456.58	1,030.682	0.49	6005.118185
2029	7	207,020.99	210,521.12	-3,500.127	-1.69	2504.99097
2029	8	211,670.72	217,844.87	-6,174.151	-2.92	-3669.159762
2029	9	214,823.49	209,907.08	4,916.406	2.29	1247.246568
2029	10	198,616.57	198,972.95	-356.373	-0.18	890.87383
2029	11	203,512.83	201,179.55	2,333.285	1.15	3224.158442
2029	12	185,638.85	186,566.48	-927.633	-0.50	2296.52496
2030	1	181,616.97	177,528.43	4,088.533	2.25	4088.532679
2030	2	190,685.51	183,537.23	7,148.281	3.75	11236.81374
2030	3	196,469.91	198,467.61	-1,997.700	-1.02	9239.114096
2030	4	200,101.20	197,332.36	2,768.834	1.38	12007.9476
2030	5	202,604.88	209,689.59	-7,084.712	-3.50	4923.235556

2030	6	211,421.84	210,571.33	850.513	0.40	5773.748256
2030	7	207,140.78	210,635.49	-3,494.704	-1.69	2279.044171
2030	8	211,834.13	217,958.11	-6,123.978	-2.89	-3844.933355
2030	9	215,163.58	210,019.88	5,143.696	2.39	1298.762338
2030	10	198,365.29	199,087.06	-721.773	-0.36	576.9894083
2030	11	202,588.70	201,296.78	1,291.910	0.64	1868.899889
2030	12	185,291.36	186,688.34	-1,396.989	-0.75	471.9113338
2031	1	183,099.43	177,655.99	5,443.436	2.97	5443.436061
2031	2	190,824.99	183,670.68	7,154.308	3.75	12597.74373
2031	3	190,187.01	198,605.72	-8,418.712	-4.43	4179.03215
2031	4	194,982.23	197,473.57	-2,491.341	-1.28	1687.691195
2031	5	200,487.08	209,833.04	-9,345.959	-4.66	-7658.268256
2031	6	211,273.45	210,717.16	556.281	0.26	-7101.987485
2031	7	206,662.88	210,784.26	-4,121.376	-1.99	-11223.36346
2031	8	212,371.86	218,108.49	-5,736.632	-2.70	-16959.99538
2031	9	222,775.89	210,167.86	12,608.032	5.66	-4351.963816
2031	10	198,737.90	199,227.27	-489.366	-0.25	-4841.330257
2031	11	206,925.50	201,425.90	5,499.604	2.66	658.2734837
2031	12	188,436.73	186,806.27	1,630.454	0.87	2288.72738
2032	1	183,205.53	177,764.95	5,440.579	2.97	5440.579013
2032	2	190,475.97	188,334.97	2,141.001	1.12	7581.579807
2032	3	190,264.75	198,700.29	-8,435.539	-4.43	-853.9589638
2032	4	195,470.33	197,560.18	-2,089.851	-1.07	-2943.809787
2032	5	199,976.47	209,910.77	-9,934.297	-4.97	-12878.1066
2032	6	209,900.89	210,786.22	-885.330	-0.42	-13763.43706
2032	7	207,447.51	210,845.86	-3,398.348	-1.64	-17161.78498
2032	8	212,856.23	218,165.41	-5,309.180	-2.49	-22470.96516
2032	9	213,809.46	210,224.59	3,584.871	1.68	-18886.09376
2032	10	201,113.19	199,289.07	1,824.122	0.91	-17061.97213
2032	11	203,747.73	201,495.93	2,251.798	1.11	-14810.17428
2032	12	185,437.22	186,884.68	-1,447.458	-0.78	-16257.63203
2033	1	189,502.30	177,849.78	11,652.522	6.15	11652.52181
2033	2	191,462.65	183,862.32	7,600.324	3.97	19252.84629
2033	3	190,365.56	198,795.90	-8,430.336	-4.43	10822.5099
2033	4	193,572.64	197,662.78	-4,090.143	-2.11	6732.36672
2033	5	201,719.12	210,021.14	-8,302.016	-4.12	-1569.64956
2033	6	209,808.97	210,903.13	-1,094.163	-0.52	-2663.812109
2033	7	207,534.06	210,966.81	-3,432.741	-1.65	-6096.55338
2033	8	220,264.63	218,287.99	1,976.647	0.90	-4119.905913
2033	9	214,180.90	210,346.98	3,833.919	1.79	-285.9866625
2033	10	200,893.18	199,409.98	1,483.201	0.74	1197.214519
2033	11	206,232.23	201,614.41	4,617.818	2.24	5815.032856
2033	12	190,099.16	187,000.05	3,099.111	1.63	8914.143808
2034	1	182,753.39	177,961.56	4,791.835	2.62	4791.835012
2034	2	191,346.49	183,969.92	7,376.576	3.86	12168.4106
2034	3	190,471.85	198,898.88	-8,427.035	-4.42	3741.376087
2034	4	196,071.72	197,760.36	-1,688.647	-0.86	2052.728631

2034	5	199,531.78	210,111.94	-10,580.157	-5.30	-8527.428269
2034	6	210,251.05	210,985.48	-734.432	-0.35	-9261.860651
2034	7	207,912.36	211,039.11	-3,126.753	-1.50	-12388.61362
2034	8	219,827.78	218,350.25	1,477.535	0.67	-10911.07904
2034	9	214,467.62	210,401.18	4,066.437	1.90	-6844.642298
2034	10	200,569.71	199,459.61	1,110.103	0.55	-5734.539114
2034	11	206,846.02	201,661.47	5,184.551	2.51	-549.9884895
2034	12	189,880.69	187,044.38	2,836.313	1.49	2286.324543
2035	1	182,560.04	178,001.56	4,558.481	2.50	4558.480534
2035	2	197,559.96	184,004.91	13,555.051	6.86	18113.53124
2035	3	196,958.89	198,930.13	-1,971.240	-1.00	16142.29158
2035	4	198,740.28	197,790.20	950.080	0.48	17092.37112
2035	5	198,025.07	210,143.00	-12,117.935	-6.12	4974.435808
2035	6	212,051.19	211,020.51	1,030.682	0.49	6005.118185
2035	7	207,580.22	211,080.35	-3,500.127	-1.69	2504.99097
2035	8	212,224.08	218,398.23	-6,174.151	-2.91	-3669.159762
2035	9	215,370.76	210,454.35	4,916.406	2.28	1247.246568
2035	10	199,158.44	199,514.81	-356.373	-0.18	890.87383
2035	11	204,049.69	201,716.41	2,333.285	1.14	3224.158442
2035	12	186,170.61	187,098.25	-927.633	-0.50	2296.52496
2036	1	182,143.33	178,054.80	4,088.533	2.24	4088.532679
2036	2	191,206.74	188,621.25	2,585.487	1.35	6674.019913
2036	3	191,930.28	198,985.19	-7,054.906	-3.68	-380.885911
2036	4	200,388.38	197,847.89	2,540.488	1.27	2159.602528
2036	5	193,962.63	210,203.42	-16,240.794	-8.37	-14081.19137
2036	6	211,306.04	211,082.36	223.681	0.11	-13857.51066
2036	7	206,692.68	211,141.37	-4,448.689	-2.15	-18306.19924
2036	8	220,274.40	218,456.28	1,818.115	0.83	-16488.08404
2036	9	223,115.86	210,507.83	12,608.032	5.65	-3880.052482
2036	10	199,073.59	199,562.96	-489.366	-0.25	-4369.418923
2036	11	206,331.39	201,759.42	4,571.971	2.22	202.5521915
2036	12	189,695.53	187,137.44	2,558.087	1.35	2760.638714
2037	1	183,532.69	178,092.12	5,440.579	2.96	5440.579013
2037	2	190,798.63	184,094.83	6,703.795	3.51	12144.37363
2037	3	190,602.71	199,020.10	-8,417.389	-4.42	3726.984668
2037	4	194,259.98	197,879.90	-3,619.916	-1.86	107.0687433
2037	5	202,432.09	210,231.66	-7,799.572	-3.85	-7692.503237
2037	6	211,482.94	211,107.10	375.842	0.18	-7316.661319
2037	7	207,309.04	211,163.81	-3,854.772	-1.86	-11171.43369
2037	8	212,486.04	218,478.09	-5,992.050	-2.82	-17163.48351
2037	9	214,013.25	210,530.90	3,482.355	1.63	-13681.12824
2037	10	201,177.41	199,589.06	1,588.350	0.79	-12092.77841
2037	11	206,462.99	201,789.30	4,673.681	2.26	-7419.09716
2037	12	189,551.63	187,170.48	2,381.152	1.26	-5037.94513
2038	1	185,637.24	178,126.81	7,510.422	4.05	7510.421854
2038	2	195,633.71	184,130.36	11,503.345	5.88	19013.76687
2038	3	197,062.91	199,056.69	-1,993.786	-1.01	17019.98099

2038	4	198,492.76	197,918.47	574.299	0.29	17594.28022
2038	5	198,666.73	210,272.51	-11,605.775	-5.84	5988.504754
2038	6	211,410.82	211,149.29	261.524	0.12	6250.028826
2038	7	208,486.98	211,205.73	-2,718.744	-1.30	3531.284839
2038	8	212,322.48	218,518.83	-6,196.354	-2.92	-2665.068719
2038	9	214,431.36	210,570.83	3,860.527	1.80	1195.458214
2038	10	200,282.03	199,629.48	652.553	0.33	1848.010874
2038	11	203,215.60	201,831.39	1,384.211	0.68	3232.221435
2038	12	187,174.68	187,214.98	-40.301	-0.02	3191.920128
2039	1	175,414.98	178,174.07	-2,759.085	-1.57	-2759.085216
2039	2	191,780.68	184,180.36	7,600.324	3.96	4841.239269
2039	3	190,678.54	199,108.88	-8,430.336	-4.42	-3589.097125
2039	4	195,540.18	197,972.34	-2,432.161	-1.24	-6021.258145
2039	5	200,368.35	210,328.35	-9,959.998	-4.97	-15981.25658
2039	6	210,114.21	211,208.37	-1,094.163	-0.52	-17075.41913
2039	7	207,837.10	211,269.84	-3,432.741	-1.65	-20508.1604
2039	8	220,565.44	218,588.79	1,976.647	0.90	-18531.51294
2039	9	214,479.92	210,646.00	3,833.919	1.79	-14697.59369
2039	10	201,191.13	199,707.93	1,483.201	0.74	-13214.3925
2039	11	206,529.25	201,911.43	4,617.818	2.24	-8596.574166
2039	12	190,394.61	187,295.50	3,099.111	1.63	-5497.463215
2040	1	183,502.01	178,254.38	5,247.626	2.86	5247.625785
2040	2	191,180.60	188,822.61	2,357.991	1.23	7605.616778
2040	3	190,739.74	199,186.92	-8,447.181	-4.43	-841.5641999
2040	4	195,048.55	198,048.38	-2,999.830	-1.54	-3841.394428
2040	5	200,794.03	210,402.26	-9,608.223	-4.79	-13449.61738
2040	6	210,313.54	211,280.91	-967.369	-0.46	-14416.98649
2040	7	207,879.13	211,342.23	-3,463.096	-1.67	-17880.08241
2040	8	220,368.08	218,661.68	1,706.395	0.77	-16173.68704
2040	9	214,874.35	210,719.16	4,155.196	1.93	-12018.49094
2040	10	201,102.25	199,780.52	1,321.736	0.66	-10696.75495
2040	11	206,318.96	201,982.92	4,336.043	2.10	-6360.711694
2040	12	191,444.45	187,365.93	4,078.520	2.13	-2282.191245
2041	1	189,277.75	178,324.18	10,953.573	5.79	10953.57343
2041	2	191,477.43	184,329.15	7,148.281	3.73	18101.85449
2041	3	197,257.83	199,255.53	-1,997.700	-1.01	16104.15484
2041	4	200,884.46	198,115.63	2,768.834	1.38	18872.98835
2041	5	203,382.50	210,467.21	-7,084.712	-3.48	11788.2763
2041	6	212,192.81	211,342.30	850.513	0.40	12638.789
2041	7	207,903.83	211,398.54	-3,494.704	-1.68	9144.08492
2041	8	212,587.34	218,711.32	-6,123.978	-2.88	3020.107393
2041	9	215,904.07	210,760.38	5,143.696	2.38	8163.803087
2041	10	199,090.34	199,812.12	-721.773	-0.36	7442.030157
2041	11	203,296.55	202,004.64	1,291.910	0.64	8733.940638
2041	12	185,981.87	187,378.86	-1,396.989	-0.75	7336.952082
2042	1	183,773.85	178,330.42	5,443.436	2.96	5443.436061
2042	2	191,485.07	184,330.77	7,154.308	3.74	12597.74373

2042	3	190,835.75	199,254.47	-8,418.712	-4.41	4179.03215
2042	4	197,241.86	198,113.06	-871.206	-0.44	3307.826603
2042	5	199,496.77	210,462.87	-10,966.095	-5.50	-7658.268256
2042	6	211,890.48	211,334.20	556.281	0.26	-7101.987485
2042	7	207,262.56	211,383.93	-4,121.376	-1.99	-11223.36346
2042	8	212,952.91	218,689.54	-5,736.632	-2.69	-16959.99538
2042	9	223,341.79	210,733.76	12,608.032	5.65	-4351.963816
2042	10	199,295.70	199,785.07	-489.366	-0.25	-4841.330257
2042	11	207,479.57	201,979.97	5,499.604	2.65	658.2734837
2042	12	188,987.20	187,356.74	1,630.454	0.86	2288.72738
2043	1	183,749.45	178,308.87	5,440.579	2.96	5440.579013
2043	2	191,010.84	184,307.04	6,703.795	3.51	12144.37363
2043	3	190,808.50	199,225.89	-8,417.389	-4.41	3726.984668
2043	4	196,089.97	198,077.35	-1,987.387	-1.01	1739.597206
2043	5	200,988.07	210,420.17	-9,432.100	-4.69	-7692.503237
2043	6	211,664.32	211,288.47	375.842	0.18	-7316.661319
2043	7	207,486.25	211,341.03	-3,854.772	-1.86	-11171.43369
2043	8	212,660.18	218,652.23	-5,992.050	-2.82	-17163.48351
2043	9	214,182.39	210,700.03	3,482.355	1.63	-13681.12824
2043	10	201,338.14	199,749.79	1,588.350	0.79	-12092.77841
2043	11	206,614.16	201,940.48	4,673.681	2.26	-7419.09716
2043	12	189,695.64	187,314.49	2,381.152	1.26	-5037.94513
2044	1	176,413.63	178,268.33	-1,854.696	-1.05	-1854.695717
2044	2	192,329.87	188,835.06	3,494.808	1.82	1640.112508
2044	3	190,750.01	199,198.88	-8,448.871	-4.43	-6808.758766
2044	4	206,476.39	198,058.62	8,417.768	4.08	1609.00926
2044	5	196,010.20	210,408.55	-14,398.346	-7.35	-12789.33645
2044	6	210,186.30	211,280.46	-1,094.163	-0.52	-13883.499
2044	7	207,899.49	211,332.23	-3,432.741	-1.65	-17316.24027
2044	8	213,215.82	218,640.98	-5,425.164	-2.54	-22741.40458
2044	9	221,924.36	210,688.63	11,235.731	5.06	-11505.67356
2044	10	201,226.14	199,742.94	1,483.201	0.74	-10022.47238
2044	11	204,040.44	201,940.54	2,099.892	1.03	-7922.580709
2044	12	186,073.24	187,320.06	-1,246.816	-0.67	-9169.396513
2045	1	189,930.94	178,275.25	11,655.688	6.14	11655.68844
2045	2	191,653.65	184,277.08	7,376.576	3.85	19032.26403
2045	3	190,773.06	199,200.10	-8,427.035	-4.42	10605.22951
2045	4	196,367.75	198,056.39	-1,688.647	-0.86	8916.582057
2045	5	199,824.06	210,404.21	-10,580.157	-5.29	-1663.574842
2045	6	210,542.19	211,276.63	-734.432	-0.35	-2398.007225
2045	7	208,205.00	211,331.75	-3,126.753	-1.50	-5524.760195
2045	8	220,121.76	218,644.22	1,477.535	0.67	-4047.225612
2045	9	214,758.97	210,692.53	4,066.437	1.89	19.21112805
2045	10	200,852.55	199,742.44	1,110.103	0.55	1129.314313
2045	11	207,117.49	201,932.94	5,184.551	2.50	6313.864937
2045	12	190,142.62	187,306.30	2,836.313	1.49	9150.17797
2046	1	182,817.33	178,258.85	4,558.481	2.49	4558.480534

2046	2	197,815.49	184,260.44	13,555.051	6.85	18113.53124
2046	3	197,212.17	199,183.41	-1,971.240	-1.00	16142.29158
2046	4	198,988.28	198,038.20	950.080	0.48	17092.37112
2046	5	198,265.12	210,383.06	-12,117.935	-6.11	4974.435808
2046	6	212,282.34	211,251.66	1,030.682	0.49	6005.118185
2046	7	207,802.74	211,302.87	-3,500.127	-1.68	2504.99097
2046	8	212,438.11	218,612.26	-6,174.151	-2.91	-3669.159762
2046	9	215,575.79	210,659.39	4,916.406	2.28	1247.246568
2046	10	199,354.20	199,710.58	-356.373	-0.18	890.87383
2046	11	204,237.14	201,903.86	2,333.285	1.14	3224.158442
2046	12	186,352.47	187,280.10	-927.633	-0.50	2296.52496
2047	1	182,322.99	178,234.45	4,088.533	2.24	4088.532679
2047	2	191,384.61	184,236.33	7,148.281	3.74	11236.81374
2047	3	197,160.22	199,157.92	-1,997.700	-1.01	9239.114096
2047	4	200,778.60	198,009.77	2,768.834	1.38	12007.9476
2047	5	203,266.08	210,350.79	-7,084.712	-3.49	4923.235556
2047	6	212,066.40	211,215.88	850.513	0.40	5773.748256
2047	7	207,769.98	211,264.69	-3,494.704	-1.68	2279.044171
2047	8	212,448.61	218,572.59	-6,123.978	-2.88	-3844.933355
2047	9	215,762.23	210,618.54	5,143.696	2.38	1298.762338
2047	10	198,946.55	199,668.32	-721.773	-0.36	576.9894083
2047	11	203,151.13	201,859.22	1,291.910	0.64	1868.899889
2047	12	185,834.41	187,231.40	-1,396.989	-0.75	471.9113338
2048	1	183,623.35	178,179.92	5,443.436	2.96	5443.436061
2048	2	191,330.41	188,738.90	2,591.514	1.35	8034.949908
2048	3	197,075.52	199,094.94	-2,019.418	-1.02	6015.53224
2048	4	203,039.61	197,948.11	5,091.492	2.51	11107.02445
2048	5	200,956.34	210,292.54	-9,336.199	-4.65	1770.825785
2048	6	211,593.91	211,159.58	434.327	0.21	2205.152566
2048	7	208,210.26	211,206.46	-2,996.201	-1.44	-791.0487611
2048	8	211,804.65	218,509.44	-6,704.796	-3.17	-7495.844869
2048	9	214,171.09	210,549.42	3,621.673	1.69	-3874.172306
2048	10	200,610.52	199,594.03	1,016.495	0.51	-2857.676879
2048	11	203,260.84	201,781.09	1,479.752	0.73	-1377.925338
2048	12	185,779.72	187,151.01	-1,371.292	-0.74	-2749.21775
2049	1	185,609.25	178,098.83	7,510.422	4.05	7510.421854
2049	2	195,598.34	184,094.99	11,503.345	5.88	19013.76687
2049	3	197,019.60	199,013.38	-1,993.786	-1.01	17019.98099
2049	4	198,439.28	197,864.98	574.299	0.29	17594.28022
2049	5	198,601.60	210,207.37	-11,605.775	-5.84	5988.504754
2049	6	211,334.88	211,073.35	261.524	0.12	6250.028826
2049	7	208,402.31	211,121.05	-2,718.744	-1.30	3531.284839
2049	8	212,229.98	218,426.34	-6,196.354	-2.92	-2665.068719
2049	9	214,329.79	210,469.26	3,860.527	1.80	1195.458214
2049	10	200,169.17	199,516.61	652.553	0.33	1848.010874
2049	11	203,089.99	201,705.78	1,384.211	0.68	3232.221435
2049	12	187,036.50	187,076.80	-40.301	-0.02	3191.920128

2050	1	175,265.35	178,024.44	-2,759.085	-1.57	-2759.085216
2050	2	191,619.41	184,019.08	7,600.324	3.97	4841.239269
2050	3	190,504.53	198,934.87	-8,430.336	-4.43	-3589.097125
2050	4	195,350.75	197,782.91	-2,432.161	-1.25	-6021.258145
2050	5	200,161.35	210,121.35	-9,959.998	-4.98	-15981.25658
2050	6	209,889.82	210,983.98	-1,094.163	-0.52	-17075.41913
2050	7	207,596.85	211,029.59	-3,432.741	-1.65	-20508.1604
2050	8	220,310.55	218,333.90	1,976.647	0.90	-18531.51294
2050	9	214,210.49	210,376.57	3,833.919	1.79	-14697.59369
2050	10	200,907.14	199,423.94	1,483.201	0.74	-13214.3925
2050	11	206,230.55	201,612.73	4,617.818	2.24	-8596.574166
2050	12	190,081.44	186,982.33	3,099.111	1.63	-5497.463215

Year	Month	Difference	Days_C	CDD_C_70
2010	12	2,429.41	1,595.27	834.145
2011	1	4,836.93	4,785.80	51.128
2011	2	7,697.83	7,976.34	-278.508
2011	3	-8,043.63	-7,292.65	-750.974
2011	4	-8,802.25	-2,734.74	-6,067.509
2011	5	-3,992.84	-911.58	-3,081.262
2011	6	-2,008.38	2,506.85	-4,515.225
2011	7	-3,271.95	-2,051.06	-1,220.890
2011	8	1,145.94	1,367.37	-221.428
2011	9	4,456.97	1,139.48	3,317.495
2011	10	4,586.60	-4,785.80	9,372.399
2011	11	1,933.12	-227.90	2,161.014
2011	12	3,754.01	2,506.85	1,247.157
2012	1	4,998.07	5,013.70	-15.626
2012	2	2,075.68	2,734.74	-659.066
2012	3	-9,612.56	-7,292.65	-2,319.910
2012	4	502.54	1,139.48	-636.932
2012	5	-12,313.69	-4,785.80	-7,527.886
2012	6	1,674.45	2,734.74	-1,060.293
2012	7	-5,134.26	-2,051.06	-3,083.197
2012	8	2,285.79	1,139.48	1,146.308
2012	9	3,393.35	1,367.37	2,025.982
2012	10	750.77	-5,013.70	5,764.464
2012	11	5,636.65	-683.69	6,320.336
2012	12	3,408.58	3,418.43	-9.850
2013	1	3,832.70	4,102.12	-269.420
2013	2	7,364.48	7,748.44	-383.959
2013	3	-6,948.53	-7,292.65	344.118
2013	4	-1,774.31	2,962.64	-4,736.946
2013	5	-3,011.36	-227.90	-2,783.464
2013	6	-1,149.14	3,646.33	-4,795.462
2013	7	-2,620.56	-2,734.74	114.188
2013	8	-7,933.43	-5,469.49	-2,463.943
2013	9	5,032.00	2,051.06	2,980.941
2013	10	-481.17	-5,697.38	5,216.214
2013	11	5,015.24	227.90	4,787.342
2013	12	1,175.14	227.90	947.249
2014	1	7,413.98	6,381.07	1,032.912
2014	2	14,028.55	14,129.51	-100.966
2014	3	-7,566.70	-7,292.65	-274.052
2014	4	-4,845.96	-1,367.37	-3,478.590
2014	5	-7,888.04	-2,278.95	-5,609.086
2014	6	195.88	3,646.33	-3,450.446
2014	7	-4,151.82	-2,734.74	-1,417.076
2014	8	-7,235.61	-5,469.49	-1,766.120
2014	9	15,280.40	8,887.92	6,392.484

2014	10	-599.94	-6,153.18	5,553.238
2014	11	4,552.13	1,139.48	3,412.657
2014	12	1,541.64	1,139.48	402.165
2015	1	5,571.67	5,241.59	330.076
2015	2	7,174.11	7,064.76	109.351
2015	3	-10,122.76	-7,292.65	-2,830.107
2015	4	-5,513.85	-911.58	-4,602.266
2015	5	-6,150.26	-2,506.85	-3,643.408
2015	6	622.59	3,418.43	-2,795.836
2015	7	-2,313.01	-2,506.85	193.841
2015	8	-6,332.47	-5,697.38	-635.085
2015	9	3,199.18	911.58	2,287.603
2015	10	900.49	-4,557.91	5,458.398
2015	11	2,673.82	0.00	2,673.820
2015	12	2,298.09	1,823.16	474.929
2016	1	1,155.68	-2,051.06	3,206.737
2016	2	4,008.81	3,874.22	134.592
2016	3	-9,744.11	-7,292.65	-2,451.454
2016	4	7,180.65	8,660.02	-1,479.374
2016	5	-11,795.58	-5,925.28	-5,870.297
2016	6	-2,498.87	2,506.85	-5,005.721
2016	7	-4,259.86	-2,051.06	-2,208.800
2016	8	-4,841.90	-5,013.70	171.795
2016	9	10,612.89	7,520.55	3,092.344
2016	10	2,223.00	-4,785.80	7,008.807
2016	11	3,228.63	-2,734.74	5,963.377
2016	12	-2,231.57	-1,823.16	-408.410
2017	1	12,249.14	11,394.77	854.374
2017	2	7,999.45	7,748.44	251.009
2017	3	-8,405.13	-7,292.65	-1,112.477
2017	4	-4,785.12	-455.79	-4,329.328
2017	5	-7,503.51	-3,190.54	-4,312.970
2017	6	732.92	2,734.74	-2,001.825
2017	7	-4,847.90	-1,823.16	-3,024.740
2017	8	226.66	911.58	-684.924
2017	9	3,665.38	1,367.37	2,298.011
2017	10	614.97	-5,013.70	5,628.669
2017	11	7,300.40	455.79	6,844.604
2017	12	2,954.97	2,278.95	676.011
2018	1	4,508.11	4,330.01	178.098
2018	2	11,274.03	13,901.62	-2,627.588
2018	3	1,266.26	-911.58	2,177.842
2018	4	822.65	3,418.43	-2,595.779
2018	5	-11,578.22	-7,064.76	-4,513.466
2018	6	164.01	3,646.33	-3,482.313
2018	7	-2,954.61	-2,278.95	-675.660
2018	8	-7,096.74	-5,925.28	-1,171.462

2018	9	1,629.18	2,278.95	-649.773
2018	10	41.94	-5,925.28	5,967.217
2018	11	4,018.23	-1,823.16	5,841.391
2018	12	-340.44	-1,367.37	1,026.931
2019	1	4,509.15	3,874.22	634.933
2019	2	5,631.72	7,520.55	-1,888.829
2019	3	651.76	-911.58	1,563.344
2019	4	1,943.99	5,241.59	-3,297.600
2019	5	-8,951.45	-2,278.95	-6,672.500
2019	6	1,814.37	3,418.43	-1,604.059
2019	7	-1,606.07	-2,278.95	672.888
2019	8	-8,457.79	-5,925.28	-2,532.510
2019	9	3,541.16	2,506.85	1,034.314
2019	10	-4,490.30	-6,153.18	1,662.878
2019	11	7,321.54	-2,734.74	10,056.289
2019	12	-1,679.07	-1,823.16	144.088
2020	1	5,353.67	5,241.59	112.071
2020	2	2,278.20	2,962.64	-684.436
2020	3	-5,703.64	-911.58	-4,792.054
2020	4	7,968.56	7,520.55	448.010
2020	5	-7,834.28	-4,330.01	-3,504.264
2020	6	-883.11	3,190.54	-4,073.644
2020	7	-2,023.36	-1,823.16	-200.197
2020	8	-7,037.66	-6,381.07	-656.594
2020	9	4,145.31	1,139.48	3,005.838
2020	10	-3,243.28	-4,785.80	1,542.522
2020	11	4,247.37	-2,734.74	6,982.112
2020	12	770.58	-1,823.16	2,593.740
2021	1	7,344.07	7,292.65	51.417
2021	2	10,837.60	11,850.56	-1,012.965
2021	3	-2,711.66	-911.58	-1,800.080
2021	4	1,769.74	2,962.64	-1,192.895
2021	5	-11,114.72	-6,608.97	-4,505.756
2021	6	687.03	2,962.64	-2,275.610
2021	7	-4,241.01	-1,595.27	-2,645.738
2021	8	-6,196.35	-5,925.28	-271.074
2021	9	3,860.53	1,367.37	2,493.155
2021	10	652.55	-5,013.70	5,666.251
2021	11	1,384.21	-2,734.74	4,118.955
2021	12	-40.30	-455.79	415.489
2022	1	4,552.51	4,330.01	222.500
2022	2	288.73	683.69	-394.960
2022	3	-8,430.34	-7,292.65	-1,137.684
2022	4	-4,090.14	-1,139.48	-2,950.666
2022	5	-8,302.02	-2,506.85	-5,795.167
2022	6	-1,094.16	2,506.85	-3,601.012
2022	7	-3,432.74	-2,051.06	-1,381.683

2022	8	1,976.65	1,367.37	609.275
2022	9	3,833.92	1,139.48	2,694.442
2022	10	1,483.20	-4,785.80	6,269.004
2022	11	4,617.82	-227.90	4,845.714
2022	12	3,099.11	2,506.85	592.262
2023	1	4,791.84	4,557.91	233.927
2023	2	7,376.58	7,748.44	-371.868
2023	3	-8,427.03	-7,292.65	-1,134.382
2023	4	-1,688.65	1,139.48	-2,828.124
2023	5	-10,580.16	-4,785.80	-5,794.354
2023	6	-734.43	2,734.74	-3,469.177
2023	7	-3,126.75	-1,823.16	-1,303.590
2023	8	1,477.53	911.58	565.953
2023	9	4,066.44	1,367.37	2,699.064
2023	10	1,110.10	-5,013.70	6,123.802
2023	11	5,184.55	455.79	4,728.760
2023	12	2,836.31	2,278.95	557.359
2024	1	-2,982.01	-3,190.54	208.525
2024	2	3,731.50	4,102.12	-370.619
2024	3	-8,463.43	-7,292.65	-1,170.774
2024	4	-3,100.29	0.00	-3,100.286
2024	5	-9,831.54	-3,646.33	-6,185.211
2024	6	6,250.01	9,343.71	-3,093.703
2024	7	-3,700.08	-2,278.95	-1,421.121
2024	8	1,774.93	1,139.48	635.449
2024	9	4,886.28	2,051.06	2,835.226
2024	10	434.18	-5,697.38	6,131.564
2024	11	5,364.68	455.79	4,908.889
2024	12	627.54	0.00	627.537
2025	1	13,220.09	12,990.04	230.057
2025	2	7,154.31	7,520.55	-366.240
2025	3	-8,418.71	-7,292.65	-1,126.059
2025	4	-4,144.10	-1,367.37	-2,776.725
2025	5	-7,693.20	-2,278.95	-5,414.249
2025	6	556.28	3,646.33	-3,090.045
2025	7	-4,121.38	-2,734.74	-1,386.631
2025	8	-5,736.63	-5,469.49	-267.143
2025	9	12,608.03	8,887.92	3,720.111
2025	10	-489.37	-6,153.18	5,663.809
2025	11	5,499.60	1,139.48	4,360.127
2025	12	1,630.45	1,139.48	490.977
2026	1	5,440.58	5,241.59	198.985
2026	2	6,703.79	7,064.76	-360.962
2026	3	-8,417.39	-7,292.65	-1,124.737
2026	4	-596.68	2,051.06	-2,647.735
2026	5	-10,822.81	-5,469.49	-5,353.322
2026	6	375.84	3,418.43	-3,042.589

2026	7	-3,854.77	-2,506.85	-1,347.923
2026	8	-5,992.05	-5,697.38	-294.665
2026	9	3,482.36	911.58	2,570.774
2026	10	1,588.35	-4,557.91	6,146.258
2026	11	4,673.68	0.00	4,673.681
2026	12	2,381.15	1,823.16	557.989
2027	1	7,510.42	7,292.65	217.769
2027	2	11,503.35	11,850.56	-347.215
2027	3	-1,993.79	-911.58	-1,082.204
2027	4	574.30	2,962.64	-2,388.341
2027	5	-11,605.78	-6,608.97	-4,996.809
2027	6	261.52	2,962.64	-2,701.116
2027	7	-2,718.74	-1,595.27	-1,123.476
2027	8	-6,196.35	-5,925.28	-271.074
2027	9	3,860.53	1,367.37	2,493.155
2027	10	652.55	-5,013.70	5,666.251
2027	11	1,384.21	-2,734.74	4,118.955
2027	12	-40.30	-455.79	415.489
2028	1	-10,299.58	-10,483.19	183.611
2028	2	10,578.02	10,938.98	-360.957
2028	3	-8,446.51	-7,292.65	-1,153.854
2028	4	3,068.86	5,925.28	-2,856.420
2028	5	-8,925.69	-3,190.54	-5,735.155
2028	6	-734.43	2,734.74	-3,469.177
2028	7	4,428.30	4,785.80	-357.504
2028	8	-6,077.52	-5,697.38	-380.132
2028	9	12,098.22	8,432.13	3,666.094
2028	10	5.90	-5,697.38	5,703.280
2028	11	1,550.70	-2,734.74	4,285.446
2028	12	-457.42	-911.58	454.164
2029	1	4,558.48	4,330.01	228.468
2029	2	13,555.05	13,901.62	-346.568
2029	3	-1,971.24	-911.58	-1,059.658
2029	4	950.08	3,418.43	-2,468.351
2029	5	-12,117.94	-7,064.76	-5,053.178
2029	6	1,030.68	3,646.33	-2,615.644
2029	7	-3,500.13	-2,278.95	-1,221.173
2029	8	-6,174.15	-5,925.28	-248.871
2029	9	4,916.41	2,278.95	2,637.452
2029	10	-356.37	-5,925.28	5,568.907
2029	11	2,333.28	-1,823.16	4,156.448
2029	12	-927.63	-1,367.37	439.739
2030	1	4,088.53	3,874.22	214.311
2030	2	7,148.28	7,520.55	-372.267
2030	3	-1,997.70	-911.58	-1,086.118
2030	4	2,768.83	5,241.59	-2,472.760
2030	5	-7,084.71	-2,278.95	-4,805.758

2030	6	850.51	3,418.43	-2,567.918
2030	7	-3,494.70	-2,278.95	-1,215.750
2030	8	-6,123.98	-5,925.28	-198.697
2030	9	5,143.70	2,506.85	2,636.846
2030	10	-721.77	-6,153.18	5,431.402
2030	11	1,291.91	-2,734.74	4,026.655
2030	12	-1,396.99	-1,823.16	426.175
2031	1	5,443.44	5,241.59	201.842
2031	2	7,154.31	7,520.55	-366.240
2031	3	-8,418.71	-7,292.65	-1,126.059
2031	4	-2,491.34	227.90	-2,719.236
2031	5	-9,345.96	-3,874.22	-5,471.738
2031	6	556.28	3,646.33	-3,090.045
2031	7	-4,121.38	-2,734.74	-1,386.631
2031	8	-5,736.63	-5,469.49	-267.143
2031	9	12,608.03	8,887.92	3,720.111
2031	10	-489.37	-6,153.18	5,663.809
2031	11	5,499.60	1,139.48	4,360.127
2031	12	1,630.45	1,139.48	490.977
2032	1	5,440.58	5,241.59	198.985
2032	2	2,141.00	2,506.85	-365.848
2032	3	-8,435.54	-7,292.65	-1,142.886
2032	4	-2,089.85	683.69	-2,773.537
2032	5	-9,934.30	-4,330.01	-5,604.284
2032	6	-885.33	2,506.85	-3,392.180
2032	7	-3,398.35	-2,051.06	-1,347.289
2032	8	-5,309.18	-5,013.70	-295.482
2032	9	3,584.87	911.58	2,673.290
2032	10	1,824.12	-4,557.91	6,382.029
2032	11	2,251.80	-2,734.74	4,986.542
2032	12	-1,447.46	-2,051.06	603.601
2033	1	11,652.52	11,394.77	257.752
2033	2	7,600.32	7,976.34	-376.014
2033	3	-8,430.34	-7,292.65	-1,137.684
2033	4	-4,090.14	-1,139.48	-2,950.666
2033	5	-8,302.02	-2,506.85	-5,795.167
2033	6	-1,094.16	2,506.85	-3,601.012
2033	7	-3,432.74	-2,051.06	-1,381.683
2033	8	1,976.65	1,367.37	609.275
2033	9	3,833.92	1,139.48	2,694.442
2033	10	1,483.20	-4,785.80	6,269.004
2033	11	4,617.82	-227.90	4,845.714
2033	12	3,099.11	2,506.85	592.262
2034	1	4,791.84	4,557.91	233.927
2034	2	7,376.58	7,748.44	-371.868
2034	3	-8,427.03	-7,292.65	-1,134.382
2034	4	-1,688.65	1,139.48	-2,828.124

2034	5	-10,580.16	-4,785.80	-5,794.354
2034	6	-734.43	2,734.74	-3,469.177
2034	7	-3,126.75	-1,823.16	-1,303.590
2034	8	1,477.53	911.58	565.953
2034	9	4,066.44	1,367.37	2,699.064
2034	10	1,110.10	-5,013.70	6,123.802
2034	11	5,184.55	455.79	4,728.760
2034	12	2,836.31	2,278.95	557.359
2035	1	4,558.48	4,330.01	228.468
2035	2	13,555.05	13,901.62	-346.568
2035	3	-1,971.24	-911.58	-1,059.658
2035	4	950.08	3,418.43	-2,468.351
2035	5	-12,117.94	-7,064.76	-5,053.178
2035	6	1,030.68	3,646.33	-2,615.644
2035	7	-3,500.13	-2,278.95	-1,221.173
2035	8	-6,174.15	-5,925.28	-248.871
2035	9	4,916.41	2,278.95	2,637.452
2035	10	-356.37	-5,925.28	5,568.907
2035	11	2,333.28	-1,823.16	4,156.448
2035	12	-927.63	-1,367.37	439.739
2036	1	4,088.53	3,874.22	214.311
2036	2	2,585.49	2,962.64	-377.153
2036	3	-7,054.91	-5,925.28	-1,129.626
2036	4	2,540.49	5,241.59	-2,701.105
2036	5	-16,240.79	-10,255.29	-5,985.502
2036	6	223.68	3,646.33	-3,422.645
2036	7	-4,448.69	-2,962.64	-1,486.049
2036	8	1,818.12	1,139.48	678.638
2036	9	12,608.03	8,887.92	3,720.111
2036	10	-489.37	-6,153.18	5,663.809
2036	11	4,571.97	227.90	4,344.076
2036	12	2,558.09	2,051.06	507.028
2037	1	5,440.58	5,241.59	198.985
2037	2	6,703.79	7,064.76	-360.962
2037	3	-8,417.39	-7,292.65	-1,124.737
2037	4	-3,619.92	-911.58	-2,708.334
2037	5	-7,799.57	-2,506.85	-5,292.723
2037	6	375.84	3,418.43	-3,042.589
2037	7	-3,854.77	-2,506.85	-1,347.923
2037	8	-5,992.05	-5,697.38	-294.665
2037	9	3,482.36	911.58	2,570.774
2037	10	1,588.35	-4,557.91	6,146.258
2037	11	4,673.68	0.00	4,673.681
2037	12	2,381.15	1,823.16	557.989
2038	1	7,510.42	7,292.65	217.769
2038	2	11,503.35	11,850.56	-347.215
2038	3	-1,993.79	-911.58	-1,082.204

2038	4	574.30	2,962.64	-2,388.341
2038	5	-11,605.78	-6,608.97	-4,996.809
2038	6	261.52	2,962.64	-2,701.116
2038	7	-2,718.74	-1,595.27	-1,123.476
2038	8	-6,196.35	-5,925.28	-271.074
2038	9	3,860.53	1,367.37	2,493.155
2038	10	652.55	-5,013.70	5,666.251
2038	11	1,384.21	-2,734.74	4,118.955
2038	12	-40.30	-455.79	415.489
2039	1	-2,759.09	-2,962.64	203.555
2039	2	7,600.32	7,976.34	-376.014
2039	3	-8,430.34	-7,292.65	-1,137.684
2039	4	-2,432.16	455.79	-2,887.952
2039	5	-9,960.00	-4,102.12	-5,857.881
2039	6	-1,094.16	2,506.85	-3,601.012
2039	7	-3,432.74	-2,051.06	-1,381.683
2039	8	1,976.65	1,367.37	609.275
2039	9	3,833.92	1,139.48	2,694.442
2039	10	1,483.20	-4,785.80	6,269.004
2039	11	4,617.82	-227.90	4,845.714
2039	12	3,099.11	2,506.85	592.262
2040	1	5,247.63	5,013.70	233.927
2040	2	2,357.99	2,734.74	-376.754
2040	3	-8,447.18	-7,292.65	-1,154.529
2040	4	-2,999.83	0.00	-2,999.830
2040	5	-9,608.22	-3,646.33	-5,961.897
2040	6	-967.37	2,734.74	-3,702.114
2040	7	-3,463.10	-2,051.06	-1,412.037
2040	8	1,706.40	1,139.48	566.918
2040	9	4,155.20	1,367.37	2,787.824
2040	10	1,321.74	-5,013.70	6,335.434
2040	11	4,336.04	-683.69	5,019.729
2040	12	4,078.52	3,418.43	660.090
2041	1	10,953.57	10,711.08	242.490
2041	2	7,148.28	7,520.55	-372.267
2041	3	-1,997.70	-911.58	-1,086.118
2041	4	2,768.83	5,241.59	-2,472.760
2041	5	-7,084.71	-2,278.95	-4,805.758
2041	6	850.51	3,418.43	-2,567.918
2041	7	-3,494.70	-2,278.95	-1,215.750
2041	8	-6,123.98	-5,925.28	-198.697
2041	9	5,143.70	2,506.85	2,636.846
2041	10	-721.77	-6,153.18	5,431.402
2041	11	1,291.91	-2,734.74	4,026.655
2041	12	-1,396.99	-1,823.16	426.175
2042	1	5,443.44	5,241.59	201.842
2042	2	7,154.31	7,520.55	-366.240

2042	3	-8,418.71	-7,292.65	-1,126.059
2042	4	-871.21	1,823.16	-2,694.369
2042	5	-10,966.09	-5,469.49	-5,496.606
2042	6	556.28	3,646.33	-3,090.045
2042	7	-4,121.38	-2,734.74	-1,386.631
2042	8	-5,736.63	-5,469.49	-267.143
2042	9	12,608.03	8,887.92	3,720.111
2042	10	-489.37	-6,153.18	5,663.809
2042	11	5,499.60	1,139.48	4,360.127
2042	12	1,630.45	1,139.48	490.977
2043	1	5,440.58	5,241.59	198.985
2043	2	6,703.79	7,064.76	-360.962
2043	3	-8,417.39	-7,292.65	-1,124.737
2043	4	-1,987.39	683.69	-2,671.074
2043	5	-9,432.10	-4,102.12	-5,329.983
2043	6	375.84	3,418.43	-3,042.589
2043	7	-3,854.77	-2,506.85	-1,347.923
2043	8	-5,992.05	-5,697.38	-294.665
2043	9	3,482.36	911.58	2,570.774
2043	10	1,588.35	-4,557.91	6,146.258
2043	11	4,673.68	0.00	4,673.681
2043	12	2,381.15	1,823.16	557.989
2044	1	-1,854.70	-2,051.06	196.363
2044	2	3,494.81	3,874.22	-379.413
2044	3	-8,448.87	-7,292.65	-1,156.219
2044	4	8,417.77	11,166.87	-2,749.106
2044	5	-14,398.35	-8,432.13	-5,966.216
2044	6	-1,094.16	2,506.85	-3,601.012
2044	7	-3,432.74	-2,051.06	-1,381.683
2044	8	-5,425.16	-5,013.70	-411.466
2044	9	11,235.73	7,520.55	3,715.183
2044	10	1,483.20	-4,785.80	6,269.004
2044	11	2,099.89	-2,734.74	4,834.636
2044	12	-1,246.82	-1,823.16	576.347
2045	1	11,655.69	11,394.77	260.919
2045	2	7,376.58	7,748.44	-371.868
2045	3	-8,427.03	-7,292.65	-1,134.382
2045	4	-1,688.65	1,139.48	-2,828.124
2045	5	-10,580.16	-4,785.80	-5,794.354
2045	6	-734.43	2,734.74	-3,469.177
2045	7	-3,126.75	-1,823.16	-1,303.590
2045	8	1,477.53	911.58	565.953
2045	9	4,066.44	1,367.37	2,699.064
2045	10	1,110.10	-5,013.70	6,123.802
2045	11	5,184.55	455.79	4,728.760
2045	12	2,836.31	2,278.95	557.359
2046	1	4,558.48	4,330.01	228.468

2046	2	13,555.05	13,901.62	-346.568
2046	3	-1,971.24	-911.58	-1,059.658
2046	4	950.08	3,418.43	-2,468.351
2046	5	-12,117.94	-7,064.76	-5,053.178
2046	6	1,030.68	3,646.33	-2,615.644
2046	7	-3,500.13	-2,278.95	-1,221.173
2046	8	-6,174.15	-5,925.28	-248.871
2046	9	4,916.41	2,278.95	2,637.452
2046	10	-356.37	-5,925.28	5,568.907
2046	11	2,333.28	-1,823.16	4,156.448
2046	12	-927.63	-1,367.37	439.739
2047	1	4,088.53	3,874.22	214.311
2047	2	7,148.28	7,520.55	-372.267
2047	3	-1,997.70	-911.58	-1,086.118
2047	4	2,768.83	5,241.59	-2,472.760
2047	5	-7,084.71	-2,278.95	-4,805.758
2047	6	850.51	3,418.43	-2,567.918
2047	7	-3,494.70	-2,278.95	-1,215.750
2047	8	-6,123.98	-5,925.28	-198.697
2047	9	5,143.70	2,506.85	2,636.846
2047	10	-721.77	-6,153.18	5,431.402
2047	11	1,291.91	-2,734.74	4,026.655
2047	12	-1,396.99	-1,823.16	426.175
2048	1	5,443.44	5,241.59	201.842
2048	2	2,591.51	2,962.64	-371.126
2048	3	-2,019.42	-911.58	-1,107.836
2048	4	5,091.49	7,520.55	-2,429.056
2048	5	-9,336.20	-4,330.01	-5,006.186
2048	6	434.33	3,190.54	-2,756.209
2048	7	-2,996.20	-1,823.16	-1,173.038
2048	8	-6,704.80	-6,381.07	-323.725
2048	9	3,621.67	1,139.48	2,482.196
2048	10	1,016.50	-4,785.80	5,802.299
2048	11	1,479.75	-2,734.74	4,214.496
2048	12	-1,371.29	-1,823.16	451.871
2049	1	7,510.42	7,292.65	217.769
2049	2	11,503.35	11,850.56	-347.215
2049	3	-1,993.79	-911.58	-1,082.204
2049	4	574.30	2,962.64	-2,388.341
2049	5	-11,605.78	-6,608.97	-4,996.809
2049	6	261.52	2,962.64	-2,701.116
2049	7	-2,718.74	-1,595.27	-1,123.476
2049	8	-6,196.35	-5,925.28	-271.074
2049	9	3,860.53	1,367.37	2,493.155
2049	10	652.55	-5,013.70	5,666.251
2049	11	1,384.21	-2,734.74	4,118.955
2049	12	-40.30	-455.79	415.489

2050	1	-2,759.09	-2,962.64	203.555
2050	2	7,600.32	7,976.34	-376.014
2050	3	-8,430.34	-7,292.65	-1,137.684
2050	4	-2,432.16	455.79	-2,887.952
2050	5	-9,960.00	-4,102.12	-5,857.881
2050	6	-1,094.16	2,506.85	-3,601.012
2050	7	-3,432.74	-2,051.06	-1,381.683
2050	8	1,976.65	1,367.37	609.275
2050	9	3,833.92	1,139.48	2,694.442
2050	10	1,483.20	-4,785.80	6,269.004
2050	11	4,617.82	-227.90	4,845.714
2050	12	3,099.11	2,506.85	592.262

Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2010	12	246,400.08	253,752.47	-7,352.385	-2.98	
2011	1	247,987.65	235,837.31	12,150.344	4.90	12150.34419
2011	2	235,521.89	236,539.91	-1,018.020	-0.43	11132.32434
2011	3	238,430.41	245,127.32	-6,696.906	-2.81	4435.418133
2011	4	252,551.50	274,024.13	-21,472.627	-8.50	-17037.20918
2011	5	275,315.81	289,606.92	-14,291.116	-5.19	-31328.32531
2011	6	282,858.61	297,091.90	-14,233.295	-5.03	-45561.62005
2011	7	278,747.12	297,235.79	-18,488.669	-6.63	-64050.28907
2011	8	275,331.00	253,643.56	21,687.435	7.88	-42362.8538
2011	9	307,534.85	298,227.91	9,306.932	3.03	-33055.92161
2011	10	290,280.57	261,177.87	29,102.701	10.03	-3953.220853
2011	11	253,697.08	244,852.19	8,844.889	3.49	4891.667911
2011	12	243,189.08	235,567.02	7,622.062	3.13	12513.72998
2012	1	237,433.85	235,405.26	2,028.595	0.85	2028.595058
2012	2	262,767.00	270,005.38	-7,238.378	-2.75	-5209.782525
2012	3	246,356.03	259,289.25	-12,933.222	-5.25	-18143.00491
2012	4	262,653.77	262,897.59	-243.816	-0.09	-18386.82092
2012	5	263,417.19	292,151.87	-28,734.681	-10.91	-47121.50144
2012	6	280,977.32	285,687.38	-4,710.066	-1.68	-51831.5678
2012	7	271,664.50	295,264.78	-23,600.276	-8.69	-75431.84368
2012	8	287,661.86	262,260.54	25,401.325	8.83	-50030.51912
2012	9	302,791.62	296,989.36	5,802.258	1.92	-44228.26114
2012	10	292,719.16	274,948.11	17,771.050	6.07	-26457.21161
2012	11	261,086.62	231,111.89	29,974.725	11.48	3517.513631
2012	12	247,264.00	252,516.59	-5,252.587	-2.12	-1735.073795
2013	1	238,422.97	237,569.60	853.369	0.36	853.369434
2013	2	236,122.10	239,106.72	-2,984.613	-1.26	-2131.243504
2013	3	239,464.40	235,694.45	3,769.946	1.57	1638.70245
2013	4	244,283.89	267,039.77	-22,755.888	-9.32	-21117.18533
2013	5	262,916.88	276,528.95	-13,612.068	-5.18	-34729.25361
2013	6	275,381.62	290,405.11	-15,023.484	-5.46	-49752.73755
2013	7	271,044.44	285,989.33	-14,944.888	-5.51	-64697.62524
2013	8	280,382.52	266,057.28	14,325.238	5.11	-50372.38765
2013	9	306,423.96	297,879.86	8,544.102	2.79	-41828.28578
2013	10	293,048.70	277,839.81	15,208.889	5.19	-26619.39659
2013	11	267,454.85	250,578.83	16,876.018	6.31	-9743.378641
2013	12	248,920.22	241,721.27	7,198.956	2.89	-2544.42223
2014	1	241,737.11	241,826.40	-89.284	-0.04	-89.28389125
2014	2	240,052.00	235,216.07	4,835.930	2.01	4746.6461
2014	3	234,275.56	235,620.53	-1,344.972	-0.57	3401.67448
2014	4	242,617.16	258,959.70	-16,342.545	-6.74	-12940.87044
2014	5	262,818.43	286,430.00	-23,611.567	-8.98	-36552.43727
2014	6	279,224.34	290,376.94	-11,152.603	-3.99	-47705.04017
2014	7	274,557.29	293,705.15	-19,147.857	-6.97	-66852.89759
2014	8	284,872.23	268,631.63	16,240.602	5.70	-50612.29607
2014	9	312,239.44	293,124.42	19,115.015	6.12	-31497.28114

2014	10	284,577.23	270,016.19	14,561.047	5.12	-16936.23445
2014	11	255,430.12	237,123.11	18,307.012	7.17	1370.777276
2014	12	238,539.65	236,861.08	1,678.566	0.70	3049.343376
2015	1	236,497.21	231,940.65	4,556.562	1.93	4556.562238
2015	2	228,916.27	230,147.77	-1,231.501	-0.54	3325.061499
2015	3	242,048.57	256,266.64	-14,218.072	-5.87	-10893.01062
2015	4	262,581.56	279,305.81	-16,724.250	-6.37	-27617.26062
2015	5	276,491.33	292,299.90	-15,808.569	-5.72	-43425.82971
2015	6	285,222.53	294,575.56	-9,353.031	-3.28	-52778.86117
2015	7	212,315.00	227,001.02	-14,686.024	-6.92	-67464.88545
2015	8	346,657.00	327,352.20	19,304.798	5.57	-48160.0879
2015	9	304,095.83	297,655.95	6,439.881	2.12	-41720.20678
2015	10	290,226.73	275,936.70	14,290.033	4.92	-27430.17407
2015	11	276,240.05	265,951.82	10,288.231	3.72	-17141.94275
2015	12	256,677.98	254,702.42	1,975.553	0.77	-15166.38926
2016	1	248,371.12	232,895.07	15,476.056	6.23	15476.05642
2016	2	235,556.28	232,431.81	3,124.465	1.33	18600.52098
2016	3	234,274.06	249,484.78	-15,210.714	-6.49	3389.806909
2016	4	253,724.72	260,845.07	-7,120.353	-2.81	-3730.54602
2016	5	262,483.54	285,258.01	-22,774.465	-8.68	-26505.01119
2016	6	281,202.71	296,898.41	-15,695.708	-5.58	-42200.71923
2016	7	282,546.13	303,746.39	-21,200.257	-7.50	-63400.97644
2016	8	289,161.50	267,521.30	21,640.201	7.48	-41760.77549
2016	9	312,749.92	302,934.44	9,815.486	3.14	-31945.28976
2016	10	298,106.81	278,277.01	19,829.806	6.65	-12115.48351
2016	11	265,632.57	241,150.95	24,481.623	9.22	12366.13925
2016	12	240,410.99	245,519.42	-5,108.430	-2.12	7257.70884
2017	1	237,630.00	232,830.13	4,799.871	2.02	4799.87087
2017	2	238,751.12	236,699.59	2,051.530	0.86	6851.400913
2017	3	240,180.82	246,360.77	-6,179.955	-2.57	671.4458273
2017	4	252,675.43	268,632.73	-15,957.300	-6.32	-15285.85418
2017	5	267,168.34	285,383.77	-18,215.427	-6.82	-33501.28166
2017	6	275,604.19	283,053.04	-7,448.852	-2.70	-40950.13416
2017	7	272,655.09	296,054.68	-23,399.590	-8.58	-64349.72451
2017	8	290,273.61	269,938.83	20,334.779	7.01	-44014.9451
2017	9	308,559.01	302,010.09	6,548.914	2.12	-37466.03075
2017	10	300,680.54	281,992.52	18,688.017	6.22	-18778.01345
2017	11	268,610.29	245,141.59	23,468.698	8.74	4690.684706
2017	12	242,653.92	238,800.13	3,853.791	1.59	8544.475432
2018	1	243,628.69	245,607.84	-1,979.148	-0.81	-1979.147766
2018	2	242,248.36	252,668.34	-10,419.985	-4.30	-12399.13295
2018	3	249,997.26	238,377.39	11,619.869	4.65	-779.2643124
2018	4	248,875.25	261,447.78	-12,572.529	-5.05	-13351.79305
2018	5	250,604.00	270,413.81	-19,809.807	-7.90	-33161.60027
2018	6	279,414.22	290,611.24	-11,197.021	-4.01	-44358.62114
2018	7	274,578.61	291,610.98	-17,032.371	-6.20	-61390.99237
2018	8	282,269.44	264,477.11	17,792.334	6.30	-43598.65881

2018	9	306,650.77	308,031.92	-1,381.141	-0.45	-44979.80011
2018	10	304,553.71	288,162.19	16,391.518	5.38	-28588.28253
2018	11	273,532.16	252,126.54	21,405.615	7.83	-7182.667891
2018	12	246,111.20	240,126.78	5,984.420	2.43	-1198.248023
2019	1	238,491.27	236,961.99	1,529.275	0.64	1529.274891
2019	2	236,920.24	244,728.09	-7,807.858	-3.30	-6278.58359
2019	3	249,251.22	243,180.11	6,071.103	2.44	-207.480992
2019	4	249,134.59	263,029.40	-13,894.814	-5.58	-14102.29485
2019	5	270,557.70	295,753.87	-25,196.170	-9.31	-39298.46463
2019	6	290,352.25	296,434.12	-6,081.877	-2.09	-45380.3421
2019	7	279,459.85	292,790.77	-13,330.918	-4.77	-58711.26028
2019	8	280,785.46	266,728.89	14,056.569	5.01	-44654.69105
2019	9	313,194.77	309,913.24	3,281.526	1.05	-41373.16482
2019	10	303,296.44	299,818.53	3,477.911	1.15	-37895.25403
2019	11	283,410.54	246,662.52	36,748.023	12.97	-1147.23145
2019	12	241,419.96	243,559.80	-2,139.842	-0.89	-3287.073716
2020	1	246,364.59	244,400.04	1,964.553	0.80	1964.552698
2020	2	242,660.92	244,596.36	-1,935.437	-0.80	29.11528014
2020	3	249,253.73	269,035.98	-19,782.256	-7.94	-19753.14103
2020	4	243,352.00	241,490.54	1,861.458	0.76	-17891.68334
2020	5	219,602.00	235,383.23	-15,781.230	-7.19	-33672.91366
2020	6	232,979.00	245,879.55	-12,900.555	-5.54	-46573.4682
2020	7	274,732.93	290,379.80	-15,646.869	-5.70	-62220.3368
2020	8	278,955.16	259,830.09	19,125.062	6.86	-43095.27511
2020	9	299,677.99	291,226.49	8,451.504	2.82	-34643.77102
2020	10	284,812.12	281,423.16	3,388.962	1.19	-31254.80883
2020	11	269,893.62	248,071.96	21,821.662	8.09	-9433.14641
2020	12	239,298.17	226,075.15	13,223.029	5.53	3789.882961
2021	1	236,354.53	232,822.59	3,531.936	1.49	3531.936332
2021	2	236,264.33	242,373.49	-6,109.156	-2.59	-2577.219721
2021	3	243,636.89	250,146.46	-6,509.563	-2.67	-9086.783151
2021	4	254,941.34	261,553.98	-6,612.649	-2.59	-15699.43166
2021	5	262,362.00	281,870.67	-19,508.674	-7.44	-35208.10598
2021	6	272,704.00	280,709.60	-8,005.598	-2.94	-43213.70391
2021	7	277,655.25	299,974.34	-22,319.083	-8.04	-65532.78696
2021	8	288,822.29	268,558.59	20,263.693	7.02	-45269.09386
2021	9	309,819.12	302,734.58	7,084.540	2.29	-38184.55434
2021	10	296,379.36	279,756.10	16,623.265	5.61	-21561.28894
2021	11	267,644.80	249,507.22	18,137.583	6.78	-3423.705909
2021	12	245,349.83	244,174.10	1,175.731	0.48	-2247.975062
2022	1	247,010.11	243,833.67	3,176.437	1.29	3176.437091
2022	2	237,492.74	241,877.16	-4,384.414	-1.85	-1207.976885
2022	3	242,951.82	249,500.39	-6,548.565	-2.70	-7756.542278
2022	4	252,601.28	264,872.60	-12,271.318	-4.86	-20027.86033
2022	5	268,047.96	290,967.18	-22,919.223	-8.55	-42947.08382
2022	6	283,522.78	295,329.22	-11,806.442	-4.16	-54753.5255
2022	7	280,018.40	298,948.41	-18,930.009	-6.76	-73683.53478

2022	8	293,702.18	269,734.65	23,967.526	8.16	-49716.00921
2022	9	311,330.57	303,733.78	7,596.794	2.44	-42119.21478
2022	10	298,873.51	280,541.64	18,331.867	6.13	-23787.34788
2022	11	271,031.52	250,093.42	20,938.103	7.73	-2849.244406
2022	12	246,882.60	244,615.65	2,266.950	0.92	-582.2945452
2023	1	247,344.15	244,188.95	3,155.204	1.28	3155.2045
2023	2	238,596.20	242,200.81	-3,604.607	-1.51	-449.4029851
2023	3	243,284.28	249,835.62	-6,551.335	-2.69	-7000.737633
2023	4	253,779.68	265,253.52	-11,473.844	-4.52	-18474.58123
2023	5	268,195.71	291,416.86	-23,221.147	-8.66	-41695.72821
2023	6	284,474.36	295,860.29	-11,385.935	-4.00	-53081.66277
2023	7	280,893.36	299,568.79	-18,675.428	-6.65	-71757.09125
2023	8	294,218.76	270,450.61	23,768.149	8.08	-47988.94227
2023	9	312,195.38	304,545.67	7,649.715	2.45	-40339.22756
2023	10	299,347.33	281,449.25	17,898.083	5.98	-22441.14462
2023	11	271,686.21	251,094.70	20,591.512	7.58	-1849.632268
2023	12	247,693.00	245,705.07	1,987.931	0.80	138.2988968
2024	1	247,703.49	245,353.87	2,349.618	0.95	2349.618284
2024	2	240,249.81	243,714.80	-3,464.989	-1.44	-1115.370609
2024	3	244,233.45	251,075.56	-6,842.114	-2.80	-7957.484971
2024	4	253,401.45	266,497.12	-13,095.679	-5.17	-21053.16412
2024	5	268,307.02	292,657.80	-24,350.782	-9.08	-45403.94652
2024	6	287,908.42	297,102.20	-9,193.781	-3.19	-54597.72763
2024	7	281,735.39	300,813.88	-19,078.493	-6.77	-73676.2206
2024	8	295,695.03	271,695.90	23,999.132	8.12	-49677.08867
2024	9	313,928.29	305,784.14	8,144.148	2.59	-41532.94042
2024	10	300,461.82	282,673.56	17,788.269	5.92	-23744.67179
2024	11	273,532.51	252,298.37	21,234.147	7.76	-2510.524341
2024	12	249,158.29	246,883.60	2,274.694	0.91	-235.8305232
2025	1	250,204.94	246,508.01	3,696.927	1.48	3696.926977
2025	2	240,858.47	244,553.63	-3,695.159	-1.53	1.76810578
2025	3	245,921.59	252,206.19	-6,284.609	-2.56	-6282.840555
2025	4	256,153.34	267,630.43	-11,477.095	-4.48	-17759.93584
2025	5	272,165.73	293,793.98	-21,628.248	-7.95	-39388.18368
2025	6	288,055.10	298,236.56	-10,181.465	-3.53	-49569.64874
2025	7	282,879.68	301,943.97	-19,064.293	-6.74	-68633.94163
2025	8	293,178.84	272,823.89	20,354.950	6.94	-48278.99188
2025	9	318,695.32	306,915.35	11,779.966	3.70	-36499.02617
2025	10	300,232.60	283,811.64	16,420.964	5.47	-20078.06181
2025	11	272,789.28	253,443.85	19,345.433	7.09	-732.6288316
2025	12	249,625.39	248,034.53	1,590.866	0.64	858.2368834
2026	1	250,820.36	247,661.89	3,158.475	1.26	3158.475176
2026	2	241,822.04	245,707.99	-3,885.948	-1.61	-727.4728941
2026	3	247,127.06	253,359.01	-6,231.947	-2.52	-6959.420056
2026	4	258,265.02	268,780.69	-10,515.662	-4.07	-17475.08182
2026	5	273,101.00	294,942.03	-21,841.028	-8.00	-39316.1101
2026	6	289,281.99	299,383.26	-10,101.269	-3.49	-49417.37954

2026	7	284,170.09	303,087.90	-18,917.814	-6.66	-68335.19359
2026	8	294,199.54	273,960.37	20,239.173	6.88	-48096.0205
2026	9	315,255.50	308,038.38	7,217.119	2.29	-40878.90166
2026	10	302,953.91	284,918.30	18,035.613	5.95	-22843.28879
2026	11	274,876.88	254,535.90	20,340.987	7.40	-2502.301681
2026	12	251,138.95	249,117.04	2,021.913	0.81	-480.3884633
2027	1	252,068.70	248,738.96	3,329.732	1.32	3329.732431
2027	2	243,311.50	246,781.72	-3,470.216	-1.43	-140.4837126
2027	3	248,921.75	254,429.72	-5,507.971	-2.21	-5648.455085
2027	4	260,667.91	269,848.97	-9,181.055	-3.52	-14829.51055
2027	5	275,227.53	296,009.68	-20,782.159	-7.55	-35611.66934
2027	6	291,222.49	300,452.83	-9,230.341	-3.17	-44842.00984
2027	7	286,020.97	304,161.79	-18,140.824	-6.34	-62982.83415
2027	8	295,304.29	275,040.59	20,263.693	6.86	-42719.14105
2027	9	316,210.74	309,126.20	7,084.540	2.24	-35634.60153
2027	10	302,637.55	286,014.28	16,623.265	5.49	-19011.33613
2027	11	273,777.37	255,639.78	18,137.583	6.62	-873.7530951
2027	12	251,403.74	250,228.01	1,175.731	0.47	301.9777515
2028	1	251,360.96	249,856.63	1,504.325	0.60	1504.325128
2028	2	245,195.13	248,205.24	-3,010.109	-1.23	-1505.783995
2028	3	248,915.56	255,563.81	-6,648.244	-2.67	-8154.028397
2028	4	259,660.97	270,989.89	-11,328.915	-4.36	-19482.94347
2028	5	274,361.26	297,156.34	-22,795.079	-8.31	-42278.02276
2028	6	290,217.62	301,603.55	-11,385.935	-3.92	-53663.95732
2028	7	290,403.26	305,315.12	-14,911.865	-5.13	-68575.82201
2028	8	296,200.21	276,195.62	20,004.585	6.75	-48571.23681
2028	9	321,833.55	310,282.32	11,551.233	3.59	-37020.00379
2028	10	303,786.77	287,170.77	16,616.001	5.47	-20404.00284
2028	11	275,525.90	256,795.63	18,730.270	6.80	-1673.732939
2028	12	252,611.96	251,382.23	1,229.737	0.49	-443.9956484
2029	1	254,210.74	251,009.31	3,201.434	1.26	3201.434163
2029	2	245,816.85	249,058.50	-3,241.650	-1.32	-40.21621049
2029	3	251,225.84	256,715.42	-5,489.583	-2.19	-5529.799506
2029	4	262,606.76	272,144.51	-9,537.757	-3.63	-15067.5565
2029	5	277,380.07	298,312.70	-20,932.635	-7.55	-36000.19134
2029	6	293,919.59	302,759.07	-8,839.488	-3.01	-44839.67908
2029	7	287,938.81	306,468.49	-18,529.681	-6.44	-63369.36043
2029	8	297,672.24	277,347.61	20,324.635	6.83	-43044.72567
2029	9	319,076.74	311,435.20	7,641.539	2.39	-35403.18697
2029	10	304,530.41	288,326.30	16,204.110	5.32	-19199.07698
2029	11	276,252.70	257,954.40	18,298.303	6.62	-900.7744392
2029	12	253,743.65	252,543.89	1,199.761	0.47	298.9868556
2030	1	255,167.50	252,173.07	2,994.433	1.17	2994.433161
2030	2	246,537.94	250,223.23	-3,685.289	-1.49	-690.8555435
2030	3	252,226.05	257,880.01	-5,653.952	-2.24	-6344.807182
2030	4	263,841.84	273,308.25	-9,466.405	-3.59	-15811.21227
2030	5	279,882.91	299,475.51	-19,592.600	-7.00	-35403.81268

2030	6	295,172.54	303,921.31	-8,748.772	-2.96	-44152.58423
2030	7	289,115.36	307,630.16	-18,514.796	-6.40	-62667.38033
2030	8	298,970.49	278,508.14	20,462.349	6.84	-42205.03163
2030	9	320,273.73	312,593.62	7,680.109	2.40	-34524.92267
2030	10	305,259.55	289,481.61	15,777.943	5.17	-18746.97974
2030	11	276,920.35	259,105.73	17,814.617	6.43	-932.3623125
2030	12	254,766.22	253,690.58	1,075.639	0.42	143.2768824
2031	1	256,333.68	253,314.84	3,018.833	1.18	3018.832716
2031	2	247,665.49	251,360.65	-3,695.159	-1.49	-676.3261554
2031	3	252,729.11	259,013.72	-6,284.609	-2.49	-6960.934816
2031	4	263,361.21	274,438.56	-11,077.352	-4.21	-18038.2869
2031	5	278,574.46	300,602.45	-22,027.991	-7.91	-40066.27794
2031	6	294,863.15	305,044.62	-10,181.465	-3.45	-50247.743
2031	7	289,685.52	308,749.81	-19,064.293	-6.58	-69312.03589
2031	8	299,979.41	279,624.46	20,354.950	6.79	-48957.08614
2031	9	325,487.39	313,707.43	11,779.966	3.62	-37177.12043
2031	10	307,014.92	290,593.95	16,420.964	5.35	-20756.15607
2031	11	279,563.41	260,217.98	19,345.433	6.92	-1410.723093
2031	12	256,395.02	254,804.15	1,590.866	0.62	180.1426223
2032	1	257,589.08	254,430.60	3,158.475	1.23	3158.475176
2032	2	248,594.09	252,777.85	-4,183.755	-1.68	-1025.280005
2032	3	253,728.12	260,136.29	-6,408.179	-2.53	-7433.458729
2032	4	264,288.62	275,562.92	-11,274.300	-4.27	-18707.75848
2032	5	279,188.89	301,729.68	-22,540.787	-8.07	-41248.54531
2032	6	294,944.83	306,176.41	-11,231.583	-3.81	-52480.12783
2032	7	291,051.81	309,887.41	-18,835.607	-6.47	-71315.73525
2032	8	301,126.03	280,768.40	20,357.633	6.76	-50958.10231
2032	9	322,355.83	314,857.33	7,498.502	2.33	-43459.6002
2032	10	310,434.94	291,749.33	18,685.604	6.02	-24773.99636
2032	11	282,599.74	261,378.23	21,221.506	7.51	-3552.490752
2032	12	258,088.22	255,968.63	2,119.596	0.82	-1432.894878
2033	1	259,209.41	255,598.79	3,610.625	1.39	3610.625173
2033	2	250,085.67	253,649.79	-3,564.118	-1.43	46.50728161
2033	3	254,758.65	261,307.22	-6,548.565	-2.57	-6502.058111
2033	4	264,464.62	276,735.94	-12,271.318	-4.64	-18773.37617
2033	5	279,984.33	302,903.55	-22,919.223	-8.19	-41692.59965
2033	6	295,543.17	307,349.61	-11,806.442	-3.99	-53499.04134
2033	7	292,128.74	311,058.75	-18,930.009	-6.48	-72429.05062
2033	8	305,904.70	281,937.17	23,967.526	7.83	-48461.52505
2033	9	323,620.08	316,023.28	7,596.794	2.35	-40864.73062
2033	10	311,243.83	292,911.96	18,331.867	5.89	-22532.86371
2033	11	283,474.78	262,536.68	20,938.103	7.39	-1594.760239
2033	12	259,388.81	257,121.86	2,266.950	0.87	672.1896213
2034	1	259,901.35	256,746.15	3,155.204	1.21	3155.2045
2034	2	251,187.04	254,791.65	-3,604.607	-1.44	-449.4029851
2034	3	255,892.83	262,444.16	-6,551.335	-2.56	-7000.737633
2034	4	266,394.65	277,868.50	-11,473.844	-4.31	-18474.58123

2034	5	280,811.22	304,032.37	-23,221.147	-8.27	-41695.72821
2034	6	297,089.37	308,475.30	-11,385.935	-3.83	-53081.66277
2034	7	293,506.47	312,181.90	-18,675.428	-6.36	-71757.09125
2034	8	306,826.47	283,058.32	23,768.149	7.75	-47988.94227
2034	9	324,792.74	317,143.02	7,649.715	2.36	-40339.22756
2034	10	311,928.88	294,030.80	17,898.083	5.74	-22441.14462
2034	11	284,246.57	263,655.05	20,591.512	7.24	-1849.632268
2034	12	260,228.07	258,240.14	1,987.931	0.76	138.2988968
2035	1	261,066.05	257,864.61	3,201.434	1.23	3201.434163
2035	2	252,668.79	255,910.44	-3,241.650	-1.28	-40.21621049
2035	3	258,073.71	263,563.29	-5,489.583	-2.13	-5529.799506
2035	4	269,450.04	278,987.80	-9,537.757	-3.54	-15067.5565
2035	5	284,218.80	305,151.43	-20,932.635	-7.36	-36000.19134
2035	6	300,754.01	309,593.50	-8,839.488	-2.94	-44839.67908
2035	7	294,768.73	313,298.41	-18,529.681	-6.29	-63369.36043
2035	8	304,496.74	284,172.10	20,324.635	6.67	-43044.72567
2035	9	325,894.65	318,253.11	7,641.539	2.34	-35403.18697
2035	10	311,340.77	295,136.66	16,204.110	5.20	-19199.07698
2035	11	283,055.09	264,756.79	18,298.303	6.46	-900.7744392
2035	12	260,537.96	259,338.20	1,199.761	0.46	298.9868556
2036	1	261,953.27	258,958.84	2,994.433	1.14	2994.433161
2036	2	253,316.34	257,299.44	-3,983.096	-1.57	-988.662654
2036	3	258,438.35	264,650.19	-6,211.842	-2.40	-7200.504754
2036	4	269,373.71	280,068.22	-10,694.505	-3.97	-17895.01002
2036	5	281,673.25	306,225.97	-24,552.715	-8.72	-42447.72546
2036	6	299,557.13	310,663.49	-11,106.358	-3.71	-53554.08297
2036	7	294,987.38	314,364.78	-19,377.404	-6.57	-72931.487
2036	8	309,352.55	285,234.87	24,117.678	7.80	-48813.80926
2036	9	331,091.81	319,311.85	11,779.966	3.56	-37033.84355
2036	10	312,612.11	296,191.14	16,420.964	5.25	-20612.87919
2036	11	284,976.42	265,807.30	19,169.120	6.73	-1443.75872
2036	12	262,152.53	260,385.35	1,767.178	0.67	323.4195047
2037	1	263,161.40	260,002.93	3,158.475	1.20	3158.475176
2037	2	254,155.29	258,041.24	-3,885.948	-1.53	-727.4728941
2037	3	259,452.99	265,684.94	-6,231.947	-2.40	-6959.420056
2037	4	270,074.23	281,099.26	-11,025.032	-4.08	-17984.45184
2037	5	285,921.80	307,253.46	-21,331.658	-7.46	-39316.1101
2037	6	301,586.62	311,687.89	-10,101.269	-3.35	-49417.37954
2037	7	296,468.81	315,386.63	-18,917.814	-6.38	-68335.19359
2037	8	306,493.83	286,254.66	20,239.173	6.60	-48096.0205
2037	9	327,547.16	320,330.05	7,217.119	2.20	-40878.90166
2037	10	315,243.41	297,207.80	18,035.613	5.72	-22843.28879
2037	11	287,162.99	266,822.00	20,340.987	7.08	-2502.301681
2037	12	263,419.35	261,397.44	2,021.913	0.77	-480.3884633
2038	1	264,341.84	261,012.11	3,329.732	1.26	3329.732431
2038	2	255,577.82	259,048.04	-3,470.216	-1.36	-140.4837126
2038	3	261,182.07	266,690.04	-5,507.971	-2.11	-5648.455085

2038	4	272,921.69	282,102.75	-9,181.055	-3.36	-14829.51055
2038	5	287,472.45	308,254.61	-20,782.159	-7.23	-35611.66934
2038	6	303,455.08	312,685.42	-9,230.341	-3.04	-44842.00984
2038	7	298,238.85	316,379.67	-18,140.824	-6.08	-62982.83415
2038	8	307,506.71	287,243.02	20,263.693	6.59	-42719.14105
2038	9	328,398.77	321,314.23	7,084.540	2.16	-35634.60153
2038	10	314,811.46	298,188.20	16,623.265	5.28	-19011.33613
2038	11	285,936.36	267,798.78	18,137.583	6.34	-873.7530951
2038	12	263,546.35	262,370.62	1,175.731	0.45	301.9777515
2039	1	264,337.99	261,981.85	2,356.141	0.89	2356.141007
2039	2	256,450.80	260,014.92	-3,564.118	-1.39	-1207.976885
2039	3	261,106.15	267,654.71	-6,548.565	-2.51	-7756.542278
2039	4	271,228.70	283,065.87	-11,837.169	-4.36	-19593.71131
2039	5	285,863.64	309,217.01	-23,353.373	-8.17	-42947.08382
2039	6	301,841.36	313,647.80	-11,806.442	-3.91	-54753.5255
2039	7	298,412.06	317,342.07	-18,930.009	-6.34	-73683.53478
2039	8	312,172.17	288,204.64	23,967.526	7.68	-49716.00921
2039	9	329,870.61	322,273.82	7,596.794	2.30	-42119.21478
2039	10	317,477.00	299,145.14	18,331.867	5.77	-23787.34788
2039	11	289,691.53	268,753.43	20,938.103	7.23	-2849.244406
2039	12	265,590.90	263,323.95	2,266.950	0.85	-582.2945452
2040	1	266,115.08	262,934.23	3,180.846	1.20	3180.84628
2040	2	257,336.92	261,264.97	-3,928.056	-1.53	-747.2100956
2040	3	261,962.92	268,605.71	-6,642.785	-2.54	-7389.995522
2040	4	271,461.38	284,013.58	-12,552.202	-4.62	-19942.19796
2040	5	286,596.68	310,161.57	-23,564.887	-8.22	-43507.08489
2040	6	302,571.52	314,589.99	-12,018.478	-3.97	-55525.56283
2040	7	299,269.57	318,282.89	-19,013.326	-6.35	-74538.88865
2040	8	312,956.13	289,145.10	23,811.032	7.61	-50727.85622
2040	9	331,108.16	323,214.82	7,893.339	2.38	-42834.5174
2040	10	318,564.04	300,086.98	18,477.060	5.80	-24357.45699
2040	11	291,156.33	269,695.69	21,460.645	7.37	-2896.812104
2040	12	266,954.21	264,265.80	2,688.406	1.01	-208.405655
2041	1	267,515.69	263,875.56	3,640.125	1.36	3640.124569
2041	2	258,222.33	261,907.62	-3,685.289	-1.43	-45.1641362
2041	3	263,892.85	269,546.80	-5,653.952	-2.14	-5699.115775
2041	4	275,491.10	284,957.50	-9,466.405	-3.44	-15165.52087
2041	5	291,515.45	311,108.05	-19,592.600	-6.72	-34758.12128
2041	6	306,789.25	315,538.02	-8,748.772	-2.85	-43506.89283
2041	7	300,717.07	319,231.86	-18,514.796	-6.16	-62021.68893
2041	8	310,557.63	290,095.28	20,462.349	6.59	-41559.34022
2041	9	331,847.11	324,167.00	7,680.109	2.31	-33879.23126
2041	10	316,819.64	301,041.70	15,777.943	4.98	-18101.28833
2041	11	288,467.58	270,652.96	17,814.617	6.18	-286.6709052
2041	12	266,300.95	265,225.31	1,075.639	0.40	788.9682897
2042	1	267,855.99	264,837.16	3,018.833	1.13	3018.832716
2042	2	259,176.17	262,871.33	-3,695.159	-1.43	-676.3261554

2042	3	264,228.32	270,512.93	-6,284.609	-2.38	-6960.934816
2042	4	275,127.58	285,926.33	-10,798.751	-3.92	-17759.6862
2042	5	289,772.93	312,079.52	-22,306.592	-7.70	-40066.27794
2042	6	306,330.42	316,511.88	-10,181.465	-3.32	-50247.743
2042	7	301,143.42	320,207.71	-19,064.293	-6.33	-69312.03589
2042	8	311,427.58	291,072.63	20,354.950	6.54	-48957.08614
2042	9	336,925.29	325,145.33	11,779.966	3.50	-37177.12043
2042	10	318,441.81	302,020.84	16,420.964	5.16	-20756.15607
2042	11	290,978.64	271,633.21	19,345.433	6.65	-1410.723093
2042	12	267,798.08	266,207.21	1,590.866	0.59	180.1426223
2043	1	268,979.49	265,821.02	3,158.475	1.17	3158.475176
2043	2	259,970.91	263,856.85	-3,885.948	-1.49	-727.4728941
2043	3	265,267.68	271,499.62	-6,231.947	-2.35	-6959.420056
2043	4	276,150.43	286,913.75	-10,763.319	-3.90	-17722.73868
2043	5	291,473.98	313,067.35	-21,593.371	-7.41	-39316.1101
2043	6	307,398.68	317,499.95	-10,101.269	-3.29	-49417.37954
2043	7	302,278.24	321,196.06	-18,917.814	-6.26	-68335.19359
2043	8	312,300.66	292,061.49	20,239.173	6.48	-48096.0205
2043	9	333,352.09	326,134.97	7,217.119	2.17	-40878.90166
2043	10	321,046.91	303,011.30	18,035.613	5.62	-22843.28879
2043	11	292,965.10	272,624.12	20,340.987	6.94	-2502.301681
2043	12	269,219.82	267,197.91	2,021.913	0.75	-480.3884633
2044	1	269,206.73	266,810.77	2,395.961	0.89	2395.961282
2044	2	261,429.07	265,144.20	-3,715.136	-1.42	-1319.174892
2044	3	265,784.60	272,488.47	-6,703.866	-2.52	-8023.040603
2044	4	277,505.85	287,900.52	-10,394.663	-3.75	-18417.7041
2044	5	289,825.34	314,052.74	-24,227.402	-8.36	-42645.10607
2044	6	306,678.60	318,485.04	-11,806.442	-3.85	-54451.54775
2044	7	303,251.38	322,181.39	-18,930.009	-6.24	-73381.55703
2044	8	313,086.02	293,046.74	20,039.283	6.40	-53342.27392
2044	9	338,644.38	327,119.34	11,525.037	3.40	-41817.23703
2044	10	322,326.43	303,994.56	18,331.867	5.69	-23485.37013
2044	11	294,304.87	273,606.98	20,697.893	7.03	-2787.476727
2044	12	270,118.68	268,181.66	1,937.022	0.72	-850.4549784
2045	1	271,521.59	267,796.24	3,725.343	1.37	3725.342684
2045	2	262,227.60	265,832.21	-3,604.607	-1.37	120.7351997
2045	3	266,922.73	273,474.07	-6,551.335	-2.45	-6430.599449
2045	4	277,412.90	288,886.74	-11,473.844	-4.14	-17904.44305
2045	5	291,818.10	315,039.25	-23,221.147	-7.96	-41125.59003
2045	6	308,085.78	319,471.71	-11,385.935	-3.70	-52511.52459
2045	7	304,492.83	323,168.26	-18,675.428	-6.13	-71186.95306
2045	8	317,802.17	294,034.02	23,768.149	7.48	-47418.80408
2045	9	335,756.97	328,107.25	7,649.715	2.28	-39769.08937
2045	10	322,881.06	304,982.98	17,898.083	5.54	-21871.00644
2045	11	295,186.82	274,595.30	20,591.512	6.98	-1279.494084
2045	12	271,156.97	269,169.03	1,987.931	0.73	708.4370815
2046	1	271,983.63	268,782.19	3,201.434	1.18	3201.434163

2046	2	263,575.25	266,816.91	-3,241.650	-1.23	-40.21621049
2046	3	268,968.40	274,457.98	-5,489.583	-2.04	-5529.799506
2046	4	280,332.29	289,870.05	-9,537.757	-3.40	-15067.5565
2046	5	295,089.03	316,021.66	-20,932.635	-7.09	-36000.19134
2046	6	311,613.13	320,452.62	-8,839.488	-2.84	-44839.67908
2046	7	305,617.60	324,147.28	-18,529.681	-6.06	-63369.36043
2046	8	315,335.78	295,011.15	20,324.635	6.45	-43044.72567
2046	9	336,724.40	329,082.86	7,641.539	2.27	-35403.18697
2046	10	322,161.56	305,957.45	16,204.110	5.03	-19199.07698
2046	11	293,867.23	275,568.93	18,298.303	6.23	-900.7744392
2046	12	271,341.80	270,142.04	1,199.761	0.44	298.9868556
2047	1	272,749.10	269,754.67	2,994.433	1.10	2994.433161
2047	2	264,103.59	267,788.87	-3,685.289	-1.40	-690.8555435
2047	3	269,775.38	275,429.34	-5,653.952	-2.10	-6344.807182
2047	4	281,374.21	290,840.62	-9,466.405	-3.36	-15811.21227
2047	5	297,398.67	316,991.27	-19,592.600	-6.59	-35403.81268
2047	6	312,672.28	321,421.06	-8,748.772	-2.80	-44152.58423
2047	7	306,599.47	325,114.27	-18,514.796	-6.04	-62667.38033
2047	8	316,438.66	295,976.31	20,462.349	6.47	-42205.03163
2047	9	337,725.96	330,045.85	7,680.109	2.27	-34524.92267
2047	10	322,695.88	306,917.93	15,777.943	4.89	-18746.97974
2047	11	294,341.31	276,526.69	17,814.617	6.05	-932.3623125
2047	12	272,172.59	271,096.95	1,075.639	0.40	143.2768824
2048	1	273,725.60	270,706.77	3,018.833	1.10	3018.832716
2048	2	265,044.71	269,037.67	-3,992.966	-1.51	-974.1332659
2048	3	270,601.72	276,379.64	-5,777.915	-2.14	-6752.048008
2048	4	282,654.25	291,789.31	-9,135.056	-3.23	-15887.10407
2048	5	297,397.24	317,938.77	-20,541.529	-6.91	-36428.6332
2048	6	313,024.31	322,367.79	-9,343.473	-2.98	-45772.10663
2048	7	307,743.63	326,060.73	-18,317.094	-5.95	-64089.20079
2048	8	316,961.82	296,923.11	20,038.709	6.32	-44050.49208
2048	9	338,007.79	330,993.57	7,014.226	2.08	-37036.26612
2048	10	324,917.20	307,866.84	17,050.363	5.25	-19985.90358
2048	11	295,962.71	277,476.65	18,486.064	6.25	-1499.839157
2048	12	273,247.16	272,047.57	1,199.593	0.44	-300.2458411
2049	1	274,987.62	271,657.89	3,329.732	1.21	3329.732431
2049	2	266,220.16	269,690.38	-3,470.216	-1.30	-140.4837126
2049	3	271,822.03	277,330.00	-5,507.971	-2.03	-5648.455085
2049	4	283,560.09	292,741.15	-9,181.055	-3.24	-14829.51055
2049	5	298,109.91	318,892.06	-20,782.159	-6.97	-35611.66934
2049	6	314,091.92	323,322.26	-9,230.341	-2.94	-44842.00984
2049	7	308,875.25	327,016.07	-18,140.824	-5.87	-62982.83415
2049	8	318,142.78	297,879.09	20,263.693	6.37	-42719.14105
2049	9	339,034.58	331,950.04	7,084.540	2.09	-35634.60153
2049	10	325,447.18	308,823.91	16,623.265	5.11	-19011.33613
2049	11	296,572.30	278,434.71	18,137.583	6.12	-873.7530951
2049	12	274,182.91	273,007.18	1,175.731	0.43	301.9777515

2050	1	274,975.50	272,619.36	2,356.141	0.86	2356.141007
2050	2	267,089.41	270,653.53	-3,564.118	-1.33	-1207.976885
2050	3	271,745.89	278,294.46	-6,548.565	-2.41	-7756.542278
2050	4	281,869.44	293,706.60	-11,837.169	-4.20	-19593.71131
2050	5	296,504.93	319,858.30	-23,353.373	-7.88	-42947.08382
2050	6	312,482.73	324,289.17	-11,806.442	-3.78	-54753.5255
2050	7	309,053.54	327,983.55	-18,930.009	-6.13	-73683.53478
2050	8	322,814.49	298,846.97	23,967.526	7.42	-49716.00921
2050	9	340,514.91	332,918.11	7,596.794	2.23	-42119.21478
2050	10	328,123.78	309,791.92	18,331.867	5.59	-23787.34788
2050	11	300,340.43	279,402.33	20,938.103	6.97	-2849.244406
2050	12	276,241.02	273,974.07	2,266.950	0.82	-582.2945452

Year	Month	Difference	HDD_C_55	CDD_C_65	Jun	Jul	Aug
2010	12	-7,352.38	-18,738.83	11,386.449	0.000	0.000	0.000
2011	1	12,150.34	11,813.59	336.756	0.000	0.000	0.000
2011	2	-1,018.02	5,557.37	-6,575.388	0.000	0.000	0.000
2011	3	-6,696.91	1,473.91	-8,170.814	0.000	0.000	0.000
2011	4	-21,472.63	0.00	-21,472.627	0.000	0.000	0.000
2011	5	-14,291.12	0.00	-9,295.425	-4,995.691	0.000	0.000
2011	6	-14,233.29	0.00	-11,950.686	4,995.691	-7,278.299	0.000
2011	7	-18,488.67	0.00	-3,713.165	0.000	7,278.299	-22,053.803
2011	8	21,687.44	0.00	-366.368	0.000	0.000	22,053.803
2011	9	9,306.93	0.00	9,306.932	0.000	0.000	0.000
2011	10	29,102.70	0.00	29,102.701	0.000	0.000	0.000
2011	11	8,844.89	0.00	8,844.889	0.000	0.000	0.000
2011	12	7,622.06	-524.29	8,146.352	0.000	0.000	0.000
2012	1	2,028.60	-1,655.28	3,683.875	0.000	0.000	0.000
2012	2	-7,238.38	402.40	-7,640.776	0.000	0.000	0.000
2012	3	-12,933.22	1,777.17	-14,710.394	0.000	0.000	0.000
2012	4	-243.82	0.00	-243.816	0.000	0.000	0.000
2012	5	-28,734.68	0.00	-23,738.990	-4,995.691	0.000	0.000
2012	6	-4,710.07	0.00	-2,427.458	4,995.691	-7,278.299	0.000
2012	7	-23,600.28	0.00	-8,824.772	0.000	7,278.299	-22,053.803
2012	8	25,401.32	0.00	3,347.522	0.000	0.000	22,053.803
2012	9	5,802.26	0.00	5,802.258	0.000	0.000	0.000
2012	10	17,771.05	0.00	17,771.050	0.000	0.000	0.000
2012	11	29,974.73	0.00	29,974.725	0.000	0.000	0.000
2012	12	-5,252.59	-3,179.19	-2,073.402	0.000	0.000	0.000
2013	1	853.37	2,833.51	-1,980.140	0.000	0.000	0.000
2013	2	-2,984.61	-1,301.16	-1,683.457	0.000	0.000	0.000
2013	3	3,769.95	-83.88	3,853.822	0.000	0.000	0.000
2013	4	-22,755.89	1,697.09	-24,452.976	0.000	0.000	0.000
2013	5	-13,612.07	33.62	-8,649.997	-4,995.691	0.000	0.000
2013	6	-15,023.48	0.00	-12,740.876	4,995.691	-7,278.299	0.000
2013	7	-14,944.89	0.00	-169.384	0.000	7,278.299	-22,053.803
2013	8	14,325.24	0.00	-7,728.565	0.000	0.000	22,053.803
2013	9	8,544.10	0.00	8,544.102	0.000	0.000	0.000
2013	10	15,208.89	0.00	15,208.889	0.000	0.000	0.000
2013	11	16,876.02	-825.83	17,701.848	0.000	0.000	0.000
2013	12	7,198.96	660.66	6,538.293	0.000	0.000	0.000
2014	1	-89.28	-9,494.63	9,405.344	0.000	0.000	0.000
2014	2	4,835.93	9,201.36	-4,365.433	0.000	0.000	0.000
2014	3	-1,344.97	391.19	-1,736.163	0.000	0.000	0.000
2014	4	-16,342.54	67.24	-16,409.784	0.000	0.000	0.000
2014	5	-23,611.57	0.00	-18,615.876	-4,995.691	0.000	0.000
2014	6	-11,152.60	0.00	-8,869.995	4,995.691	-7,278.299	0.000
2014	7	-19,147.86	0.00	-4,372.353	0.000	7,278.299	-22,053.803
2014	8	16,240.60	0.00	-5,813.202	0.000	0.000	22,053.803
2014	9	19,115.01	0.00	19,115.015	0.000	0.000	0.000

2014	10	14,561.05	0.00	14,561.047	0.000	0.000	0.000
2014	11	18,307.01	-2,185.60	20,492.616	0.000	0.000	0.000
2014	12	1,678.57	1,335.29	343.274	0.000	0.000	0.000
2015	1	4,556.56	-876.43	5,432.993	0.000	0.000	0.000
2015	2	-1,231.50	-2,287.15	1,055.651	0.000	0.000	0.000
2015	3	-14,218.07	4,013.89	-18,231.966	0.000	0.000	0.000
2015	4	-16,724.25	0.00	-16,724.250	0.000	0.000	0.000
2015	5	-15,808.57	0.00	-10,812.878	-4,995.691	0.000	0.000
2015	6	-9,353.03	0.00	-7,070.423	4,995.691	-7,278.299	0.000
2015	7	-14,686.02	0.00	89.480	0.000	7,278.299	-22,053.803
2015	8	19,304.80	0.00	-2,749.005	0.000	0.000	22,053.803
2015	9	6,439.88	0.00	6,439.881	0.000	0.000	0.000
2015	10	14,290.03	0.00	14,290.033	0.000	0.000	0.000
2015	11	10,288.23	0.00	10,288.231	0.000	0.000	0.000
2015	12	1,975.55	0.00	1,975.553	0.000	0.000	0.000
2016	1	15,476.06	-6,373.80	21,849.858	0.000	0.000	0.000
2016	2	3,124.46	4,498.44	-1,373.980	0.000	0.000	0.000
2016	3	-15,210.71	1,833.63	-17,044.349	0.000	0.000	0.000
2016	4	-7,120.35	41.72	-7,162.075	0.000	0.000	0.000
2016	5	-22,774.47	0.00	-17,778.774	-4,995.691	0.000	0.000
2016	6	-15,695.71	0.00	-13,413.100	4,995.691	-7,278.299	0.000
2016	7	-21,200.26	0.00	-6,424.753	0.000	7,278.299	-22,053.803
2016	8	21,640.20	0.00	-413.602	0.000	0.000	22,053.803
2016	9	9,815.49	0.00	9,815.486	0.000	0.000	0.000
2016	10	19,829.81	0.00	19,829.806	0.000	0.000	0.000
2016	11	24,481.62	0.00	24,481.623	0.000	0.000	0.000
2016	12	-5,108.43	-1,322.36	-3,786.068	0.000	0.000	0.000
2017	1	4,799.87	-2,719.72	7,519.592	0.000	0.000	0.000
2017	2	2,051.53	3,681.23	-1,629.705	0.000	0.000	0.000
2017	3	-6,179.96	-383.09	-5,796.867	0.000	0.000	0.000
2017	4	-15,957.30	743.94	-16,701.236	0.000	0.000	0.000
2017	5	-18,215.43	0.00	-13,219.737	-4,995.691	0.000	0.000
2017	6	-7,448.85	0.00	-5,166.244	4,995.691	-7,278.299	0.000
2017	7	-23,399.59	0.00	-8,624.086	0.000	7,278.299	-22,053.803
2017	8	20,334.78	0.00	-1,719.024	0.000	0.000	22,053.803
2017	9	6,548.91	0.00	6,548.914	0.000	0.000	0.000
2017	10	18,688.02	-232.75	18,920.767	0.000	0.000	0.000
2017	11	23,468.70	186.20	23,282.499	0.000	0.000	0.000
2017	12	3,853.79	-1,059.79	4,913.577	0.000	0.000	0.000
2018	1	-1,979.15	-5,895.98	3,916.828	0.000	0.000	0.000
2018	2	-10,419.99	6,990.33	-17,410.314	0.000	0.000	0.000
2018	3	11,619.87	-5.09	11,624.955	0.000	0.000	0.000
2018	4	-12,572.53	17.07	-12,589.597	0.000	0.000	0.000
2018	5	-19,809.81	0.00	-14,814.116	-4,995.691	0.000	0.000
2018	6	-11,197.02	0.00	-8,914.413	4,995.691	-7,278.299	0.000
2018	7	-17,032.37	0.00	-2,256.867	0.000	7,278.299	-22,053.803
2018	8	17,792.33	0.00	-4,261.469	0.000	0.000	22,053.803

2018	9	-1,381.14	0.00	-1,381.141	0.000	0.000	0.000
2018	10	16,391.52	0.00	16,391.518	0.000	0.000	0.000
2018	11	21,405.61	-1,246.50	22,652.117	0.000	0.000	0.000
2018	12	5,984.42	-223.96	6,208.377	0.000	0.000	0.000
2019	1	1,529.27	-3,868.90	5,398.179	0.000	0.000	0.000
2019	2	-7,807.86	5,202.86	-13,010.715	0.000	0.000	0.000
2019	3	6,071.10	-26.68	6,097.778	0.000	0.000	0.000
2019	4	-13,894.81	163.18	-14,057.997	0.000	0.000	0.000
2019	5	-25,196.17	0.00	-20,200.479	-4,995.691	0.000	0.000
2019	6	-6,081.88	0.00	-3,799.269	4,995.691	-7,278.299	0.000
2019	7	-13,330.92	0.00	1,444.586	0.000	7,278.299	-22,053.803
2019	8	14,056.57	0.00	-7,997.234	0.000	0.000	22,053.803
2019	9	3,281.53	0.00	3,281.526	0.000	0.000	0.000
2019	10	3,477.91	0.00	3,477.911	0.000	0.000	0.000
2019	11	36,748.02	-160.53	36,908.555	0.000	0.000	0.000
2019	12	-2,139.84	34.97	-2,174.811	0.000	0.000	0.000
2020	1	1,964.55	-2,128.86	4,093.417	0.000	0.000	0.000
2020	2	-1,935.44	2,034.70	-3,970.133	0.000	0.000	0.000
2020	3	-19,782.26	208.75	-19,991.002	0.000	0.000	0.000
2020	4	1,861.46	10.99	1,850.471	0.000	0.000	0.000
2020	5	-15,781.23	0.00	-10,785.540	-4,995.691	0.000	0.000
2020	6	-12,900.55	0.00	-10,617.946	4,995.691	-7,278.299	0.000
2020	7	-15,646.87	0.00	-871.365	0.000	7,278.299	-22,053.803
2020	8	19,125.06	0.00	-2,928.741	0.000	0.000	22,053.803
2020	9	8,451.50	0.00	8,451.504	0.000	0.000	0.000
2020	10	3,388.96	0.00	3,388.962	0.000	0.000	0.000
2020	11	21,821.66	0.00	21,821.662	0.000	0.000	0.000
2020	12	13,223.03	-5,620.40	18,843.430	0.000	0.000	0.000
2021	1	3,531.94	4,003.33	-471.394	0.000	0.000	0.000
2021	2	-6,109.16	1,087.13	-7,196.290	0.000	0.000	0.000
2021	3	-6,509.56	529.94	-7,039.500	0.000	0.000	0.000
2021	4	-6,612.65	0.00	-6,612.649	0.000	0.000	0.000
2021	5	-19,508.67	0.00	-14,512.984	-4,995.691	0.000	0.000
2021	6	-8,005.60	0.00	-5,722.990	4,995.691	-7,278.299	0.000
2021	7	-22,319.08	0.00	-7,543.579	0.000	7,278.299	-22,053.803
2021	8	20,263.69	0.00	-1,790.110	0.000	0.000	22,053.803
2021	9	7,084.54	0.00	7,084.540	0.000	0.000	0.000
2021	10	16,623.27	-15.29	16,638.552	0.000	0.000	0.000
2021	11	18,137.58	-594.31	18,731.893	0.000	0.000	0.000
2021	12	1,175.73	-3,215.74	4,391.474	0.000	0.000	0.000
2022	1	3,176.44	852.56	2,323.875	0.000	0.000	0.000
2022	2	-4,384.41	1,158.72	-5,543.129	0.000	0.000	0.000
2022	3	-6,548.57	1,467.50	-8,016.061	0.000	0.000	0.000
2022	4	-12,271.32	346.57	-12,617.885	0.000	0.000	0.000
2022	5	-22,919.22	0.00	-17,923.533	-4,995.691	0.000	0.000
2022	6	-11,806.44	0.00	-9,523.833	4,995.691	-7,278.299	0.000
2022	7	-18,930.01	0.00	-4,154.505	0.000	7,278.299	-22,053.803

2022	8	23,967.53	0.00	1,913.723	0.000	0.000	22,053.803
2022	9	7,596.79	0.00	7,596.794	0.000	0.000	0.000
2022	10	18,331.87	-15.29	18,347.154	0.000	0.000	0.000
2022	11	20,938.10	-599.42	21,537.528	0.000	0.000	0.000
2022	12	2,266.95	-3,402.48	5,669.431	0.000	0.000	0.000
2023	1	3,155.20	697.25	2,457.950	0.000	0.000	0.000
2023	2	-3,604.61	1,604.11	-5,208.713	0.000	0.000	0.000
2023	3	-6,551.33	1,372.44	-7,923.773	0.000	0.000	0.000
2023	4	-11,473.84	343.39	-11,817.238	0.000	0.000	0.000
2023	5	-23,221.15	0.00	-18,225.456	-4,995.691	0.000	0.000
2023	6	-11,385.93	0.00	-9,103.326	4,995.691	-7,278.299	0.000
2023	7	-18,675.43	0.00	-3,899.925	0.000	7,278.299	-22,053.803
2023	8	23,768.15	0.00	1,714.346	0.000	0.000	22,053.803
2023	9	7,649.71	0.00	7,649.715	0.000	0.000	0.000
2023	10	17,898.08	-15.29	17,913.370	0.000	0.000	0.000
2023	11	20,591.51	-596.25	21,187.762	0.000	0.000	0.000
2023	12	1,987.93	-3,404.35	5,392.280	0.000	0.000	0.000
2024	1	2,349.62	260.66	2,088.962	0.000	0.000	0.000
2024	2	-3,464.99	1,932.80	-5,397.787	0.000	0.000	0.000
2024	3	-6,842.11	1,431.18	-8,273.298	0.000	0.000	0.000
2024	4	-13,095.68	391.25	-13,486.927	0.000	0.000	0.000
2024	5	-24,350.78	0.00	-19,355.092	-4,995.691	0.000	0.000
2024	6	-9,193.78	0.00	-6,911.173	4,995.691	-7,278.299	0.000
2024	7	-19,078.49	0.00	-4,302.989	0.000	7,278.299	-22,053.803
2024	8	23,999.13	0.00	1,945.329	0.000	0.000	22,053.803
2024	9	8,144.15	0.00	8,144.148	0.000	0.000	0.000
2024	10	17,788.27	-15.29	17,803.555	0.000	0.000	0.000
2024	11	21,234.15	-598.56	21,832.710	0.000	0.000	0.000
2024	12	2,274.69	-3,539.62	5,814.317	0.000	0.000	0.000
2025	1	3,696.93	1,072.24	2,624.688	0.000	0.000	0.000
2025	2	-3,695.16	1,511.29	-5,206.453	0.000	0.000	0.000
2025	3	-6,284.61	1,314.99	-7,599.594	0.000	0.000	0.000
2025	4	-11,477.10	254.95	-11,732.050	0.000	0.000	0.000
2025	5	-21,628.25	0.00	-16,632.557	-4,995.691	0.000	0.000
2025	6	-10,181.47	0.00	-7,898.857	4,995.691	-7,278.299	0.000
2025	7	-19,064.29	0.00	-4,288.789	0.000	7,278.299	-22,053.803
2025	8	20,354.95	0.00	-1,698.853	0.000	0.000	22,053.803
2025	9	11,779.97	0.00	11,779.966	0.000	0.000	0.000
2025	10	16,420.96	-15.29	16,436.251	0.000	0.000	0.000
2025	11	19,345.43	-593.07	19,938.507	0.000	0.000	0.000
2025	12	1,590.87	-3,293.40	4,884.264	0.000	0.000	0.000
2026	1	3,158.48	1,035.90	2,122.572	0.000	0.000	0.000
2026	2	-3,885.95	1,307.53	-5,193.476	0.000	0.000	0.000
2026	3	-6,231.95	1,310.11	-7,542.062	0.000	0.000	0.000
2026	4	-10,515.66	248.21	-10,763.876	0.000	0.000	0.000
2026	5	-21,841.03	0.00	-16,845.338	-4,995.691	0.000	0.000
2026	6	-10,101.27	0.00	-7,818.661	4,995.691	-7,278.299	0.000

2026	7	-18,917.81	0.00	-4,142.310	0.000	7,278.299	-22,053.803
2026	8	20,239.17	0.00	-1,814.630	0.000	0.000	22,053.803
2026	9	7,217.12	0.00	7,217.119	0.000	0.000	0.000
2026	10	18,035.61	-15.29	18,050.900	0.000	0.000	0.000
2026	11	20,340.99	-597.41	20,938.398	0.000	0.000	0.000
2026	12	2,021.91	-3,384.42	5,406.329	0.000	0.000	0.000
2027	1	3,329.73	965.43	2,364.298	0.000	0.000	0.000
2027	2	-3,470.22	1,487.66	-4,957.876	0.000	0.000	0.000
2027	3	-5,507.97	1,352.20	-6,860.170	0.000	0.000	0.000
2027	4	-9,181.06	191.82	-9,372.876	0.000	0.000	0.000
2027	5	-20,782.16	0.00	-15,786.468	-4,995.691	0.000	0.000
2027	6	-9,230.34	0.00	-6,947.732	4,995.691	-7,278.299	0.000
2027	7	-18,140.82	0.00	-3,365.320	0.000	7,278.299	-22,053.803
2027	8	20,263.69	0.00	-1,790.110	0.000	0.000	22,053.803
2027	9	7,084.54	0.00	7,084.540	0.000	0.000	0.000
2027	10	16,623.27	-15.29	16,638.552	0.000	0.000	0.000
2027	11	18,137.58	-594.31	18,731.893	0.000	0.000	0.000
2027	12	1,175.73	-3,215.74	4,391.474	0.000	0.000	0.000
2028	1	1,504.33	-201.32	1,705.650	0.000	0.000	0.000
2028	2	-3,010.11	2,196.80	-5,206.907	0.000	0.000	0.000
2028	3	-6,648.24	1,432.87	-8,081.113	0.000	0.000	0.000
2028	4	-11,328.92	397.00	-11,725.913	0.000	0.000	0.000
2028	5	-22,795.08	0.00	-17,799.389	-4,995.691	0.000	0.000
2028	6	-11,385.93	0.00	-9,103.326	4,995.691	-7,278.299	0.000
2028	7	-14,911.86	0.00	-136.361	0.000	7,278.299	-22,053.803
2028	8	20,004.59	0.00	-2,049.218	0.000	0.000	22,053.803
2028	9	11,551.23	0.00	11,551.233	0.000	0.000	0.000
2028	10	16,616.00	-15.29	16,631.288	0.000	0.000	0.000
2028	11	18,730.27	-595.46	19,325.732	0.000	0.000	0.000
2028	12	1,229.74	-3,405.14	4,634.874	0.000	0.000	0.000
2029	1	3,201.43	787.84	2,413.594	0.000	0.000	0.000
2029	2	-3,241.65	1,734.26	-4,975.908	0.000	0.000	0.000
2029	3	-5,489.58	1,274.55	-6,764.138	0.000	0.000	0.000
2029	4	-9,537.76	219.23	-9,756.989	0.000	0.000	0.000
2029	5	-20,932.63	0.00	-15,936.944	-4,995.691	0.000	0.000
2029	6	-8,839.49	0.00	-6,556.879	4,995.691	-7,278.299	0.000
2029	7	-18,529.68	0.00	-3,754.177	0.000	7,278.299	-22,053.803
2029	8	20,324.63	0.00	-1,729.168	0.000	0.000	22,053.803
2029	9	7,641.54	0.00	7,641.539	0.000	0.000	0.000
2029	10	16,204.11	-15.29	16,219.397	0.000	0.000	0.000
2029	11	18,298.30	-592.29	18,890.590	0.000	0.000	0.000
2029	12	1,199.76	-3,331.37	4,531.133	0.000	0.000	0.000
2030	1	2,994.43	760.84	2,233.595	0.000	0.000	0.000
2030	2	-3,685.29	1,568.49	-5,253.779	0.000	0.000	0.000
2030	3	-5,653.95	1,377.90	-7,031.854	0.000	0.000	0.000
2030	4	-9,466.41	231.71	-9,698.120	0.000	0.000	0.000
2030	5	-19,592.60	0.00	-14,596.910	-4,995.691	0.000	0.000

2030	6	-8,748.77	0.00	-6,466.163	4,995.691	-7,278.299	0.000
2030	7	-18,514.80	0.00	-3,739.292	0.000	7,278.299	-22,053.803
2030	8	20,462.35	0.00	-1,591.454	0.000	0.000	22,053.803
2030	9	7,680.11	0.00	7,680.109	0.000	0.000	0.000
2030	10	15,777.94	-15.29	15,793.230	0.000	0.000	0.000
2030	11	17,814.62	-592.29	18,406.905	0.000	0.000	0.000
2030	12	1,075.64	-3,360.04	4,435.679	0.000	0.000	0.000
2031	1	3,018.83	886.38	2,132.453	0.000	0.000	0.000
2031	2	-3,695.16	1,511.29	-5,206.453	0.000	0.000	0.000
2031	3	-6,284.61	1,314.99	-7,599.594	0.000	0.000	0.000
2031	4	-11,077.35	254.95	-11,332.307	0.000	0.000	0.000
2031	5	-22,027.99	0.00	-17,032.300	-4,995.691	0.000	0.000
2031	6	-10,181.47	0.00	-7,898.857	4,995.691	-7,278.299	0.000
2031	7	-19,064.29	0.00	-4,288.789	0.000	7,278.299	-22,053.803
2031	8	20,354.95	0.00	-1,698.853	0.000	0.000	22,053.803
2031	9	11,779.97	0.00	11,779.966	0.000	0.000	0.000
2031	10	16,420.96	-15.29	16,436.251	0.000	0.000	0.000
2031	11	19,345.43	-593.07	19,938.507	0.000	0.000	0.000
2031	12	1,590.87	-3,293.40	4,884.264	0.000	0.000	0.000
2032	1	3,158.48	1,035.90	2,122.572	0.000	0.000	0.000
2032	2	-4,183.76	1,291.72	-5,475.479	0.000	0.000	0.000
2032	3	-6,408.18	1,275.59	-7,683.770	0.000	0.000	0.000
2032	4	-11,274.30	298.54	-11,572.841	0.000	0.000	0.000
2032	5	-22,540.79	0.00	-17,545.096	-4,995.691	0.000	0.000
2032	6	-11,231.58	0.00	-8,948.974	4,995.691	-7,278.299	0.000
2032	7	-18,835.61	0.00	-4,060.103	0.000	7,278.299	-22,053.803
2032	8	20,357.63	0.00	-1,696.170	0.000	0.000	22,053.803
2032	9	7,498.50	0.00	7,498.502	0.000	0.000	0.000
2032	10	18,685.60	-15.29	18,700.891	0.000	0.000	0.000
2032	11	21,221.51	-605.29	21,826.792	0.000	0.000	0.000
2032	12	2,119.60	-3,526.78	5,646.379	0.000	0.000	0.000
2033	1	3,610.63	647.88	2,962.749	0.000	0.000	0.000
2033	2	-3,564.12	1,685.42	-5,249.535	0.000	0.000	0.000
2033	3	-6,548.57	1,467.50	-8,016.061	0.000	0.000	0.000
2033	4	-12,271.32	346.57	-12,617.885	0.000	0.000	0.000
2033	5	-22,919.22	0.00	-17,923.533	-4,995.691	0.000	0.000
2033	6	-11,806.44	0.00	-9,523.833	4,995.691	-7,278.299	0.000
2033	7	-18,930.01	0.00	-4,154.505	0.000	7,278.299	-22,053.803
2033	8	23,967.53	0.00	1,913.723	0.000	0.000	22,053.803
2033	9	7,596.79	0.00	7,596.794	0.000	0.000	0.000
2033	10	18,331.87	-15.29	18,347.154	0.000	0.000	0.000
2033	11	20,938.10	-599.42	21,537.528	0.000	0.000	0.000
2033	12	2,266.95	-3,402.48	5,669.431	0.000	0.000	0.000
2034	1	3,155.20	697.25	2,457.950	0.000	0.000	0.000
2034	2	-3,604.61	1,604.11	-5,208.713	0.000	0.000	0.000
2034	3	-6,551.33	1,372.44	-7,923.773	0.000	0.000	0.000
2034	4	-11,473.84	343.39	-11,817.238	0.000	0.000	0.000

2034	5	-23,221.15	0.00	-18,225.456	-4,995.691	0.000	0.000
2034	6	-11,385.93	0.00	-9,103.326	4,995.691	-7,278.299	0.000
2034	7	-18,675.43	0.00	-3,899.925	0.000	7,278.299	-22,053.803
2034	8	23,768.15	0.00	1,714.346	0.000	0.000	22,053.803
2034	9	7,649.71	0.00	7,649.715	0.000	0.000	0.000
2034	10	17,898.08	-15.29	17,913.370	0.000	0.000	0.000
2034	11	20,591.51	-596.25	21,187.762	0.000	0.000	0.000
2034	12	1,987.93	-3,404.35	5,392.280	0.000	0.000	0.000
2035	1	3,201.43	787.84	2,413.594	0.000	0.000	0.000
2035	2	-3,241.65	1,734.26	-4,975.908	0.000	0.000	0.000
2035	3	-5,489.58	1,274.55	-6,764.138	0.000	0.000	0.000
2035	4	-9,537.76	219.23	-9,756.989	0.000	0.000	0.000
2035	5	-20,932.63	0.00	-15,936.944	-4,995.691	0.000	0.000
2035	6	-8,839.49	0.00	-6,556.879	4,995.691	-7,278.299	0.000
2035	7	-18,529.68	0.00	-3,754.177	0.000	7,278.299	-22,053.803
2035	8	20,324.63	0.00	-1,729.168	0.000	0.000	22,053.803
2035	9	7,641.54	0.00	7,641.539	0.000	0.000	0.000
2035	10	16,204.11	-15.29	16,219.397	0.000	0.000	0.000
2035	11	18,298.30	-592.29	18,890.590	0.000	0.000	0.000
2035	12	1,199.76	-3,331.37	4,531.133	0.000	0.000	0.000
2036	1	2,994.43	760.84	2,233.595	0.000	0.000	0.000
2036	2	-3,983.10	1,552.69	-5,535.783	0.000	0.000	0.000
2036	3	-6,211.84	1,317.65	-7,529.495	0.000	0.000	0.000
2036	4	-10,694.51	307.77	-11,002.273	0.000	0.000	0.000
2036	5	-24,552.72	0.00	-19,557.025	-4,995.691	0.000	0.000
2036	6	-11,106.36	0.00	-8,823.749	4,995.691	-7,278.299	0.000
2036	7	-19,377.40	0.00	-4,601.900	0.000	7,278.299	-22,053.803
2036	8	24,117.68	0.00	2,063.875	0.000	0.000	22,053.803
2036	9	11,779.97	0.00	11,779.966	0.000	0.000	0.000
2036	10	16,420.96	-15.29	16,436.251	0.000	0.000	0.000
2036	11	19,169.12	-593.07	19,762.195	0.000	0.000	0.000
2036	12	1,767.18	-3,293.40	5,060.576	0.000	0.000	0.000
2037	1	3,158.48	1,035.90	2,122.572	0.000	0.000	0.000
2037	2	-3,885.95	1,307.53	-5,193.476	0.000	0.000	0.000
2037	3	-6,231.95	1,310.11	-7,542.062	0.000	0.000	0.000
2037	4	-11,025.03	248.21	-11,273.246	0.000	0.000	0.000
2037	5	-21,331.66	0.00	-16,335.967	-4,995.691	0.000	0.000
2037	6	-10,101.27	0.00	-7,818.661	4,995.691	-7,278.299	0.000
2037	7	-18,917.81	0.00	-4,142.310	0.000	7,278.299	-22,053.803
2037	8	20,239.17	0.00	-1,814.630	0.000	0.000	22,053.803
2037	9	7,217.12	0.00	7,217.119	0.000	0.000	0.000
2037	10	18,035.61	-15.29	18,050.900	0.000	0.000	0.000
2037	11	20,340.99	-597.41	20,938.398	0.000	0.000	0.000
2037	12	2,021.91	-3,384.42	5,406.329	0.000	0.000	0.000
2038	1	3,329.73	965.43	2,364.298	0.000	0.000	0.000
2038	2	-3,470.22	1,487.66	-4,957.876	0.000	0.000	0.000
2038	3	-5,507.97	1,352.20	-6,860.170	0.000	0.000	0.000

2038	4	-9,181.06	191.82	-9,372.876	0.000	0.000	0.000
2038	5	-20,782.16	0.00	-15,786.468	-4,995.691	0.000	0.000
2038	6	-9,230.34	0.00	-6,947.732	4,995.691	-7,278.299	0.000
2038	7	-18,140.82	0.00	-3,365.320	0.000	7,278.299	-22,053.803
2038	8	20,263.69	0.00	-1,790.110	0.000	0.000	22,053.803
2038	9	7,084.54	0.00	7,084.540	0.000	0.000	0.000
2038	10	16,623.27	-15.29	16,638.552	0.000	0.000	0.000
2038	11	18,137.58	-594.31	18,731.893	0.000	0.000	0.000
2038	12	1,175.73	-3,215.74	4,391.474	0.000	0.000	0.000
2039	1	2,356.14	325.86	2,030.281	0.000	0.000	0.000
2039	2	-3,564.12	1,685.42	-5,249.535	0.000	0.000	0.000
2039	3	-6,548.57	1,467.50	-8,016.061	0.000	0.000	0.000
2039	4	-11,837.17	346.57	-12,183.736	0.000	0.000	0.000
2039	5	-23,353.37	0.00	-18,357.682	-4,995.691	0.000	0.000
2039	6	-11,806.44	0.00	-9,523.833	4,995.691	-7,278.299	0.000
2039	7	-18,930.01	0.00	-4,154.505	0.000	7,278.299	-22,053.803
2039	8	23,967.53	0.00	1,913.723	0.000	0.000	22,053.803
2039	9	7,596.79	0.00	7,596.794	0.000	0.000	0.000
2039	10	18,331.87	-15.29	18,347.154	0.000	0.000	0.000
2039	11	20,938.10	-599.42	21,537.528	0.000	0.000	0.000
2039	12	2,266.95	-3,402.48	5,669.431	0.000	0.000	0.000
2040	1	3,180.85	721.69	2,459.159	0.000	0.000	0.000
2040	2	-3,928.06	1,563.87	-5,491.926	0.000	0.000	0.000
2040	3	-6,642.79	1,354.45	-7,997.237	0.000	0.000	0.000
2040	4	-12,552.20	377.19	-12,929.388	0.000	0.000	0.000
2040	5	-23,564.89	0.00	-18,569.196	-4,995.691	0.000	0.000
2040	6	-12,018.48	0.00	-9,735.870	4,995.691	-7,278.299	0.000
2040	7	-19,013.33	0.00	-4,237.822	0.000	7,278.299	-22,053.803
2040	8	23,811.03	0.00	1,757.229	0.000	0.000	22,053.803
2040	9	7,893.34	0.00	7,893.339	0.000	0.000	0.000
2040	10	18,477.06	-15.29	18,492.347	0.000	0.000	0.000
2040	11	21,460.64	-598.56	22,059.208	0.000	0.000	0.000
2040	12	2,688.41	-3,510.96	6,199.362	0.000	0.000	0.000
2041	1	3,640.12	946.70	2,693.428	0.000	0.000	0.000
2041	2	-3,685.29	1,568.49	-5,253.779	0.000	0.000	0.000
2041	3	-5,653.95	1,377.90	-7,031.854	0.000	0.000	0.000
2041	4	-9,466.41	231.71	-9,698.120	0.000	0.000	0.000
2041	5	-19,592.60	0.00	-14,596.910	-4,995.691	0.000	0.000
2041	6	-8,748.77	0.00	-6,466.163	4,995.691	-7,278.299	0.000
2041	7	-18,514.80	0.00	-3,739.292	0.000	7,278.299	-22,053.803
2041	8	20,462.35	0.00	-1,591.454	0.000	0.000	22,053.803
2041	9	7,680.11	0.00	7,680.109	0.000	0.000	0.000
2041	10	15,777.94	-15.29	15,793.230	0.000	0.000	0.000
2041	11	17,814.62	-592.29	18,406.905	0.000	0.000	0.000
2041	12	1,075.64	-3,360.04	4,435.679	0.000	0.000	0.000
2042	1	3,018.83	886.38	2,132.453	0.000	0.000	0.000
2042	2	-3,695.16	1,511.29	-5,206.453	0.000	0.000	0.000

2042	3	-6,284.61	1,314.99	-7,599.594	0.000	0.000	0.000
2042	4	-10,798.75	254.95	-11,053.706	0.000	0.000	0.000
2042	5	-22,306.59	0.00	-17,310.901	-4,995.691	0.000	0.000
2042	6	-10,181.47	0.00	-7,898.857	4,995.691	-7,278.299	0.000
2042	7	-19,064.29	0.00	-4,288.789	0.000	7,278.299	-22,053.803
2042	8	20,354.95	0.00	-1,698.853	0.000	0.000	22,053.803
2042	9	11,779.97	0.00	11,779.966	0.000	0.000	0.000
2042	10	16,420.96	-15.29	16,436.251	0.000	0.000	0.000
2042	11	19,345.43	-593.07	19,938.507	0.000	0.000	0.000
2042	12	1,590.87	-3,293.40	4,884.264	0.000	0.000	0.000
2043	1	3,158.48	1,035.90	2,122.572	0.000	0.000	0.000
2043	2	-3,885.95	1,307.53	-5,193.476	0.000	0.000	0.000
2043	3	-6,231.95	1,310.11	-7,542.062	0.000	0.000	0.000
2043	4	-10,763.32	248.21	-11,011.532	0.000	0.000	0.000
2043	5	-21,593.37	0.00	-16,597.681	-4,995.691	0.000	0.000
2043	6	-10,101.27	0.00	-7,818.661	4,995.691	-7,278.299	0.000
2043	7	-18,917.81	0.00	-4,142.310	0.000	7,278.299	-22,053.803
2043	8	20,239.17	0.00	-1,814.630	0.000	0.000	22,053.803
2043	9	7,217.12	0.00	7,217.119	0.000	0.000	0.000
2043	10	18,035.61	-15.29	18,050.900	0.000	0.000	0.000
2043	11	20,340.99	-597.41	20,938.398	0.000	0.000	0.000
2043	12	2,021.91	-3,384.42	5,406.329	0.000	0.000	0.000
2044	1	2,395.96	381.16	2,014.802	0.000	0.000	0.000
2044	2	-3,715.14	1,743.29	-5,458.426	0.000	0.000	0.000
2044	3	-6,703.87	1,470.76	-8,174.627	0.000	0.000	0.000
2044	4	-10,394.66	401.90	-10,796.566	0.000	0.000	0.000
2044	5	-24,227.40	0.00	-19,231.711	-4,995.691	0.000	0.000
2044	6	-11,806.44	0.00	-9,523.833	4,995.691	-7,278.299	0.000
2044	7	-18,930.01	0.00	-4,154.505	0.000	7,278.299	-22,053.803
2044	8	20,039.28	0.00	-2,014.520	0.000	0.000	22,053.803
2044	9	11,525.04	0.00	11,525.037	0.000	0.000	0.000
2044	10	18,331.87	-15.29	18,347.154	0.000	0.000	0.000
2044	11	20,697.89	-604.13	21,302.019	0.000	0.000	0.000
2044	12	1,937.02	-3,507.50	5,444.517	0.000	0.000	0.000
2045	1	3,725.34	806.97	2,918.372	0.000	0.000	0.000
2045	2	-3,604.61	1,604.11	-5,208.713	0.000	0.000	0.000
2045	3	-6,551.33	1,372.44	-7,923.773	0.000	0.000	0.000
2045	4	-11,473.84	343.39	-11,817.238	0.000	0.000	0.000
2045	5	-23,221.15	0.00	-18,225.456	-4,995.691	0.000	0.000
2045	6	-11,385.93	0.00	-9,103.326	4,995.691	-7,278.299	0.000
2045	7	-18,675.43	0.00	-3,899.925	0.000	7,278.299	-22,053.803
2045	8	23,768.15	0.00	1,714.346	0.000	0.000	22,053.803
2045	9	7,649.71	0.00	7,649.715	0.000	0.000	0.000
2045	10	17,898.08	-15.29	17,913.370	0.000	0.000	0.000
2045	11	20,591.51	-596.25	21,187.762	0.000	0.000	0.000
2045	12	1,987.93	-3,404.35	5,392.280	0.000	0.000	0.000
2046	1	3,201.43	787.84	2,413.594	0.000	0.000	0.000

2046	2	-3,241.65	1,734.26	-4,975.908	0.000	0.000	0.000
2046	3	-5,489.58	1,274.55	-6,764.138	0.000	0.000	0.000
2046	4	-9,537.76	219.23	-9,756.989	0.000	0.000	0.000
2046	5	-20,932.63	0.00	-15,936.944	-4,995.691	0.000	0.000
2046	6	-8,839.49	0.00	-6,556.879	4,995.691	-7,278.299	0.000
2046	7	-18,529.68	0.00	-3,754.177	0.000	7,278.299	-22,053.803
2046	8	20,324.63	0.00	-1,729.168	0.000	0.000	22,053.803
2046	9	7,641.54	0.00	7,641.539	0.000	0.000	0.000
2046	10	16,204.11	-15.29	16,219.397	0.000	0.000	0.000
2046	11	18,298.30	-592.29	18,890.590	0.000	0.000	0.000
2046	12	1,199.76	-3,331.37	4,531.133	0.000	0.000	0.000
2047	1	2,994.43	760.84	2,233.595	0.000	0.000	0.000
2047	2	-3,685.29	1,568.49	-5,253.779	0.000	0.000	0.000
2047	3	-5,653.95	1,377.90	-7,031.854	0.000	0.000	0.000
2047	4	-9,466.41	231.71	-9,698.120	0.000	0.000	0.000
2047	5	-19,592.60	0.00	-14,596.910	-4,995.691	0.000	0.000
2047	6	-8,748.77	0.00	-6,466.163	4,995.691	-7,278.299	0.000
2047	7	-18,514.80	0.00	-3,739.292	0.000	7,278.299	-22,053.803
2047	8	20,462.35	0.00	-1,591.454	0.000	0.000	22,053.803
2047	9	7,680.11	0.00	7,680.109	0.000	0.000	0.000
2047	10	15,777.94	-15.29	15,793.230	0.000	0.000	0.000
2047	11	17,814.62	-592.29	18,406.905	0.000	0.000	0.000
2047	12	1,075.64	-3,360.04	4,435.679	0.000	0.000	0.000
2048	1	3,018.83	886.38	2,132.453	0.000	0.000	0.000
2048	2	-3,992.97	1,495.49	-5,488.456	0.000	0.000	0.000
2048	3	-5,777.91	1,338.47	-7,116.388	0.000	0.000	0.000
2048	4	-9,135.06	247.27	-9,382.327	0.000	0.000	0.000
2048	5	-20,541.53	0.00	-15,545.838	-4,995.691	0.000	0.000
2048	6	-9,343.47	0.00	-7,060.865	4,995.691	-7,278.299	0.000
2048	7	-18,317.09	0.00	-3,541.590	0.000	7,278.299	-22,053.803
2048	8	20,038.71	0.00	-2,015.094	0.000	0.000	22,053.803
2048	9	7,014.23	0.00	7,014.226	0.000	0.000	0.000
2048	10	17,050.36	-15.29	17,065.649	0.000	0.000	0.000
2048	11	18,486.06	-596.62	19,082.688	0.000	0.000	0.000
2048	12	1,199.59	-3,385.20	4,584.797	0.000	0.000	0.000
2049	1	3,329.73	965.43	2,364.298	0.000	0.000	0.000
2049	2	-3,470.22	1,487.66	-4,957.876	0.000	0.000	0.000
2049	3	-5,507.97	1,352.20	-6,860.170	0.000	0.000	0.000
2049	4	-9,181.06	191.82	-9,372.876	0.000	0.000	0.000
2049	5	-20,782.16	0.00	-15,786.468	-4,995.691	0.000	0.000
2049	6	-9,230.34	0.00	-6,947.732	4,995.691	-7,278.299	0.000
2049	7	-18,140.82	0.00	-3,365.320	0.000	7,278.299	-22,053.803
2049	8	20,263.69	0.00	-1,790.110	0.000	0.000	22,053.803
2049	9	7,084.54	0.00	7,084.540	0.000	0.000	0.000
2049	10	16,623.27	-15.29	16,638.552	0.000	0.000	0.000
2049	11	18,137.58	-594.31	18,731.893	0.000	0.000	0.000
2049	12	1,175.73	-3,215.74	4,391.474	0.000	0.000	0.000

2050	1	2,356.14	325.86	2,030.281	0.000	0.000	0.000
2050	2	-3,564.12	1,685.42	-5,249.535	0.000	0.000	0.000
2050	3	-6,548.57	1,467.50	-8,016.061	0.000	0.000	0.000
2050	4	-11,837.17	346.57	-12,183.736	0.000	0.000	0.000
2050	5	-23,353.37	0.00	-18,357.682	-4,995.691	0.000	0.000
2050	6	-11,806.44	0.00	-9,523.833	4,995.691	-7,278.299	0.000
2050	7	-18,930.01	0.00	-4,154.505	0.000	7,278.299	-22,053.803
2050	8	23,967.53	0.00	1,913.723	0.000	0.000	22,053.803
2050	9	7,596.79	0.00	7,596.794	0.000	0.000	0.000
2050	10	18,331.87	-15.29	18,347.154	0.000	0.000	0.000
2050	11	20,938.10	-599.42	21,537.528	0.000	0.000	0.000
2050	12	2,266.95	-3,402.48	5,669.431	0.000	0.000	0.000

Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2010	11					
2010	12					
2011	1					
2011	2	0.982668226	0.799825179	0.182843047	18.60679347	
2011	3	0.820010866	0.839626498	-0.019615633	-2.392118616	
2011	4	0.819430513	0.9998372	-0.180406687	-22.01610564	
2011	5	1.082504352	1.194916361	-0.112412009	-10.3844395	
2011	6	1.244949452	1.380333752	-0.135384299	-10.87468241	
2011	7	1.383582744	1.435475718	-0.051892975	-3.750623145	
2011	8	1.46425699	1.465344334	-0.001087343	-0.074259055	
2011	9	1.35769408	1.234993649	0.122700431	9.037413709	
2011	10	1.185272601	0.907307696	0.277964905	23.45155915	
2011	11	0.855184311	0.805628776	0.049555535	5.794719798	
2011	12	0.851476128	0.812180532	0.039295597	4.614996868	
2012	1	0.907910485	0.925433352	-0.017522867	-1.930021457	-0.017522867
2012	2	0.831736325	0.799761296	0.031975029	3.844370926	0.014452162
2012	3	0.829695839	0.911448804	-0.081752964	-9.853365613	-0.067300802
2012	4	0.902421008	0.904113494	-0.001692486	-0.187549506	-0.068993288
2012	5	0.949982212	1.209891734	-0.259909522	-27.35940936	-0.328902811
2012	6	1.216362681	1.238873681	-0.022511	-1.850681567	-0.351413811
2012	7	1.264863277	1.381730759	-0.116867481	-9.239534703	-0.468281292
2012	8	1.379653258	1.33383867	0.045814589	3.320732111	-0.422466703
2012	9	1.313930955	1.235918275	0.07801268	5.937350026	-0.344454023
2012	10	1.198357155	1.044874426	0.153482729	12.8077617	-0.190971295
2012	11	0.930845387	0.754326751	0.176518636	18.96326057	-0.014452658
2012	12	0.811420114	0.876784373	-0.065364259	-8.055538408	-0.079816917
2013	1	0.891585744	0.825048965	0.066536779	7.462745971	0.066536779
2013	2	0.84133132	0.816324614	0.025006706	2.97227806	0.091543485
2013	3	0.89921813	0.953053329	-0.053835199	-5.986889859	0.037708286
2013	4	0.881446295	0.921485167	-0.040038873	-4.542406383	-0.002330586
2013	5	0.950865912	1.039289762	-0.08842385	-9.299297489	-0.090754436
2013	6	1.151251952	1.294718199	-0.143466247	-12.46175933	-0.234220684
2013	7	1.271189191	1.279021546	-0.007832355	-0.616143946	-0.242053039
2013	8	1.29437395	1.405323947	-0.110949998	-8.571711254	-0.353003036
2013	9	1.361739002	1.246805329	0.114933673	8.440213053	-0.238069363
2013	10	1.192615641	1.045185529	0.147430112	12.36191332	-0.090639252
2013	11	0.9557765	0.835243279	0.120533222	12.61102589	0.02989397
2013	12	0.858249778	0.837111264	0.021138514	2.462979282	0.051032484
2014	1	0.929449375	1.074150396	-0.144701021	-15.56846714	-0.144701021
2014	2	1.020000081	0.76589414	0.254105941	24.91234515	0.10940492
2014	3	0.802247461	0.793719191	0.00852827	1.063047338	0.11793319
2014	4	0.791646235	0.887857693	-0.096211458	-12.1533399	0.021721733
2014	5	0.963347418	1.158380399	-0.195032981	-20.24534213	-0.173311248
2014	6	1.193236865	1.291468758	-0.098231893	-8.232388397	-0.271543141
2014	7	1.309034007	1.370748083	-0.061714076	-4.714474637	-0.333257218
2014	8	1.34374874	1.429956243	-0.086207503	-6.415448074	-0.41946472

2014	9	1.377374905	1.110372232	0.267002673	19.38489455	-0.152462047
2014	10	1.128222177	0.99708377	0.131138406	11.62345583	-0.021323641
2014	11	0.914200309	0.877833262	0.036367048	3.978017457	0.015043407
2014	12	0.927864823	0.897915151	0.029949672	3.227805488	0.044993079
2015	1	0.924993922	0.938516585	-0.013522662	-1.46191906	-0.013522662
2015	2	0.907377151	0.863200485	0.044176666	4.868611268	0.030654004
2015	3	0.900414494	0.900854042	-0.000439548	-0.048816174	0.030214456
2015	4	0.948326894	1.08525811	-0.136931216	-14.43924214	-0.106716761
2015	5	1.093716658	1.228569321	-0.134852664	-12.32976226	-0.241569424
2015	6	1.243600371	1.324812621	-0.08121225	-6.530413777	-0.322781674
2015	7	1.372985143	1.376781494	-0.003796351	-0.276503462	-0.326578026
2015	8	1.31504574	1.362362624	-0.047316885	-3.598117019	-0.37389491
2015	9	1.34641165	1.260640001	0.08577165	6.370388251	-0.288123261
2015	10	1.173030585	1.013280631	0.159749954	13.61856681	-0.128373307
2015	11	1.009442973	0.941405608	0.068037365	6.740090004	-0.060335942
2015	12	0.857354236	0.826485262	0.030868974	3.600492395	-0.029466968
2016	1	0.91435296	1.015577891	-0.101224931	-11.07066253	-0.101224931
2016	2	0.997088376	0.899757656	0.09733072	9.761493834	-0.00389421
2016	3	0.830148056	0.829951197	0.000196858	0.02371366	-0.003697352
2016	4	0.897379085	0.889221156	0.008157929	0.909083903	0.004460577
2016	5	0.983301272	1.197563006	-0.214261735	-21.79003943	-0.209801158
2016	6	1.216402312	1.379033302	-0.16263099	-13.36983561	-0.372432147
2016	7	1.439141669	1.526996377	-0.087854707	-6.104660116	-0.460286855
2016	8	1.425649093	1.440626294	-0.014977201	-1.050553125	-0.475264056
2016	9	1.364010544	1.219156295	0.144854249	10.61973087	-0.330409807
2016	10	1.363668068	1.143156804	0.220511263	16.17045001	-0.109898544
2016	11	0.925036928	0.759259864	0.165777064	17.92112929	0.05587852
2016	12	0.79295334	0.862953679	-0.070000339	-8.827800563	-0.014121819
2017	1	0.871043275	0.840123198	0.030920077	3.549775065	0.030920077
2017	2	0.826554742	0.686080863	0.140473879	16.99510901	0.171393956
2017	3	0.747388549	0.837211459	-0.089822911	-12.01823485	0.081571045
2017	4	0.846279255	0.949003661	-0.102724405	-12.13835795	-0.02115336
2017	5	0.99447126	1.151664896	-0.157193636	-15.80675505	-0.178346996
2017	6	1.1797868	1.234661513	-0.054874714	-4.651239831	-0.23322171
2017	7	1.324990197	1.441208116	-0.116217919	-8.771228604	-0.349439629
2017	8	1.360264462	1.380593743	-0.02032928	-1.494509401	-0.369768909
2017	9	1.370425862	1.280968113	0.089457749	6.527733544	-0.28031116
2017	10	1.161340837	1.014252065	0.147088772	12.6654267	-0.133222388
2017	11	0.96961138	0.713900408	0.255710972	26.37252175	0.122488584
2017	12	0.792033016	0.847266652	-0.055233636	-6.973653201	0.067254949
2018	1	1.022708551	1.115487368	-0.092778817	-9.071872633	-0.092778817
2018	2	0.954198836	0.772519818	0.181679018	19.03995385	0.088900201
2018	3	0.880673786	0.850948425	0.029725361	3.375297632	0.118625562
2018	4	0.823049036	0.845963294	-0.022914258	-2.784069642	0.095711304
2018	5	0.929433253	1.102829936	-0.173396683	-18.65617385	-0.077685379
2018	6	1.15709928	1.265911313	-0.108812033	-9.403863169	-0.186497412
2018	7	1.284475473	1.318190412	-0.033714939	-2.624802074	-0.220212351

2018	8	1.303563429	1.370634074	-0.067070644	-5.145176873	-0.287282995
2018	9	1.343440572	1.356961805	-0.013521233	-1.006463044	-0.300804228
2018	10	1.308593663	1.127294612	0.181299051	13.85449557	-0.119505177
2018	11	0.979326431	0.853083104	0.126243327	12.89083219	0.00673815
2018	12	0.90389155	0.921577081	-0.017685531	-1.956598771	-0.010947381
2019	1	0.902030571	0.957757915	-0.055727345	-6.177988465	-0.055727345
2019	2	0.926222544	0.748964744	0.1772578	19.13771166	0.121530455
2019	3	0.824787061	0.789299783	0.035487278	4.302598785	0.157017733
2019	4	0.806787731	0.873117902	-0.066330171	-8.221514533	0.090687563
2019	5	1.001899801	1.2406922	-0.2387924	-23.83396018	-0.148104837
2019	6	1.331249535	1.374775173	-0.043525638	-3.269532656	-0.191630475
2019	7	1.362321678	1.346502671	0.015819007	1.161179994	-0.175811468
2019	8	1.269051403	1.387520044	-0.118468641	-9.335212203	-0.29428011
2019	9	1.3626528	1.312887432	0.049765368	3.652094472	-0.244514742
2019	10	1.201465822	1.166488712	0.03497711	2.911203109	-0.209537632
2019	11	1.070592866	0.762573321	0.308019545	28.77093197	0.098481913
2019	12	0.765755579	0.780040255	-0.014284676	-1.865435459	0.084197237
2020	1	0.870075417	0.905014692	-0.034939275	-4.015660543	-0.034939275
2020	2	0.840115501	0.818761073	0.021354428	2.541844274	-0.013584847
2020	3	0.890130223	0.986718591	-0.096588368	-10.85103792	-0.110173216
2020	4	1.03097615	0.978935516	0.052040634	5.047704956	-0.058132581
2020	5	1.025381905	1.170144064	-0.144762159	-14.11787726	-0.20289474
2020	6	1.244862286	1.381920164	-0.137057878	-11.00988277	-0.339952618
2020	7	1.434977535	1.449738082	-0.014760546	-1.028625614	-0.354713165
2020	8	1.356887652	1.407387213	-0.050499561	-3.721720129	-0.405212726
2020	9	1.342127358	1.230053305	0.112074053	8.350478245	-0.293138673
2020	10	1.152161454	1.118061199	0.034100255	2.959676802	-0.259038417
2020	11	1.004530365	0.786218882	0.218311482	21.73269122	-0.040726935
2020	12	0.877531761	0.95500741	-0.077475649	-8.828814202	-0.118202584
2021	1	1.025232072	0.952216888	0.073015184	7.121820152	0.073015184
2021	2	0.900847997	0.762787255	0.138060742	15.3256423	0.211075926
2021	3	0.778752787	0.830188723	-0.051435937	-6.604912033	0.159639989
2021	4	0.844197335	0.866514576	-0.02231724	-2.643604692	0.137322749
2021	5	1.021518196	1.200481592	-0.178963395	-17.51935462	-0.041640646
2021	6	1.213605854	1.283714594	-0.07010874	-5.776895346	-0.111749386
2021	7	1.283782602	1.388667342	-0.10488474	-8.16997674	-0.216634126
2021	8	1.316257422	1.350524715	-0.034267293	-2.603388389	-0.250901419
2021	9	1.324079425	1.225044016	0.099035408	7.479567046	-0.151866011
2021	10	1.154299031	0.98862912	0.165669911	14.3524257	0.0138039
2021	11	0.851828598	0.759890562	0.091938036	10.79302056	0.105741936
2021	12	0.787453734	0.884281976	-0.096828242	-12.29637219	0.008913694
2022	1	0.983020508	0.942748676	0.040271832	4.096743789	0.040271832
2022	2	0.82529206	0.771202223	0.054089837	6.554023677	0.094361669
2022	3	0.772615824	0.797411563	-0.02479574	-3.209323283	0.069565929
2022	4	0.743156835	0.821991007	-0.078834172	-10.60801275	-0.009268243
2022	5	0.890863014	1.09072146	-0.199858446	-22.43425118	-0.209126689
2022	6	1.136718262	1.255138501	-0.11842024	-10.41773004	-0.327546929

2022	7	1.295844141	1.354627582	-0.058783441	-4.536304919	-0.38633037
2022	8	1.382352066	1.353857588	0.028494477	2.061303912	-0.357835893
2022	9	1.323208627	1.219612877	0.10359575	7.829132025	-0.254240143
2022	10	1.169256928	0.983725379	0.18553155	15.8674749	-0.068708593
2022	11	0.881987769	0.756408994	0.125578775	14.23815384	0.056870182
2022	12	0.797764006	0.877013894	-0.079249888	-9.934001487	-0.022379706
2023	1	0.974349737	0.938685322	0.035664416	3.660329978	0.035664416
2023	2	0.86809084	0.765872288	0.102218552	11.77509854	0.137882967
2023	3	0.764627332	0.790404422	-0.02577709	-3.371196577	0.112105877
2023	4	0.750101993	0.814060933	-0.06395894	-8.526699149	0.048146937
2023	5	0.871817591	1.080874879	-0.209057288	-23.97947583	-0.160910352
2023	6	1.132297728	1.24419661	-0.111898882	-9.882461029	-0.272809233
2023	7	1.288430579	1.342962276	-0.054531697	-4.232412543	-0.327340931
2023	8	1.367143104	1.342285157	0.024857948	1.818240362	-0.302482983
2023	9	1.312922957	1.209028077	0.10389488	7.913250334	-0.198588103
2023	10	1.152870054	0.974664345	0.178205709	15.45757118	-0.020382394
2023	11	0.872712865	0.749165001	0.123547863	14.15675971	0.10316547
2023	12	0.78877474	0.869608044	-0.080833303	-10.24795792	0.022332166
2024	1	0.916935112	0.931658639	-0.014723526	-1.605732642	-0.014723526
2024	2	0.872918608	0.781211683	0.091706926	10.50578194	0.076983399
2024	3	0.75938306	0.784316559	-0.024933499	-3.283388899	0.0520499
2024	4	0.732008169	0.808192861	-0.076184692	-10.40762873	-0.024134792
2024	5	0.858579817	1.074251586	-0.215671769	-25.11959453	-0.239806561
2024	6	1.167690172	1.237126782	-0.06943661	-5.946492624	-0.309243171
2024	7	1.274972033	1.335404726	-0.060432693	-4.739923033	-0.369675864
2024	8	1.362689229	1.334494815	0.028194414	2.069027462	-0.34148145
2024	9	1.312930779	1.20171315	0.111217629	8.470943833	-0.230263821
2024	10	1.142454884	0.96774565	0.174709234	15.29244056	-0.055554587
2024	11	0.87207489	0.742860349	0.129214542	14.81690884	0.073659955
2024	12	0.766827424	0.862394105	-0.09556668	-12.46260599	-0.021906726
2025	1	1.009631607	0.918633202	0.090998404	9.013030464	0.090998404
2025	2	0.841173908	0.749529559	0.091644349	10.89481592	0.182642753
2025	3	0.75046987	0.773008746	-0.022538876	-3.00330191	0.160103877
2025	4	0.720198866	0.797024666	-0.076825801	-10.66730376	0.083278077
2025	5	0.876954554	1.060620698	-0.183666144	-20.94363306	-0.100388067
2025	6	1.128651878	1.222255122	-0.093603244	-8.293367131	-0.193991311
2025	7	1.259302105	1.319689148	-0.060387043	-4.795278494	-0.254378354
2025	8	1.288452423	1.318962597	-0.030510174	-2.367970532	-0.284888528
2025	9	1.356852995	1.187569771	0.169283224	12.4761654	-0.115605304
2025	10	1.110732064	0.955529892	0.155202171	13.9729622	0.039596867
2025	11	0.847343203	0.732577368	0.114765835	13.54419726	0.154362702
2025	12	0.765437181	0.850603554	-0.085166373	-11.1265006	0.06919633
2026	1	0.959246573	0.909274538	0.049972035	5.209508844	0.049972035
2026	2	0.825504218	0.742028825	0.083475392	10.11204918	0.133447428
2026	3	0.741726886	0.765536453	-0.023809567	-3.210018092	0.10963786
2026	4	0.732877898	0.789714506	-0.056836609	-7.755263033	0.052801252
2026	5	0.856630237	1.051331323	-0.194701086	-22.7287198	-0.141899835

2026	6	1.119508085	1.211803175	-0.09229509	-8.244253984	-0.234194925
2026	7	1.250883481	1.308510612	-0.057627131	-4.606914384	-0.291822056
2026	8	1.275696241	1.30778193	-0.032085689	-2.515151153	-0.323907744
2026	9	1.27276827	1.177395713	0.095372557	7.493316702	-0.228535187
2026	10	1.124573907	0.94701185	0.177562057	15.7892741	-0.05097313
2026	11	0.844219778	0.725585864	0.118633913	14.0524916	0.067660783
2026	12	0.759730534	0.842285757	-0.082555223	-10.8663822	-0.014894441
2027	1	0.961427041	0.901239217	0.060187824	6.260259127	0.060187824
2027	2	0.847599892	0.735777312	0.11182258	13.19284969	0.172010404
2027	3	0.766811618	0.759512653	0.007298965	0.951858933	0.179309369
2027	4	0.736246871	0.78404135	-0.047794479	-6.491637619	0.13151489
2027	5	0.856886672	1.044352299	-0.187465627	-21.87752859	-0.055950737
2027	6	1.122019241	1.204210773	-0.082191532	-7.32532282	-0.138142268
2027	7	1.254916143	1.300679788	-0.045763645	-3.646749255	-0.183905914
2027	8	1.268332997	1.300245532	-0.031912535	-2.516100676	-0.215818449
2027	9	1.264666099	1.170754227	0.093911872	7.425823487	-0.121906576
2027	10	1.100045006	0.941502155	0.15854285	14.41239673	0.036636274
2027	11	0.809952846	0.720963965	0.088988881	10.98692126	0.125625156
2027	12	0.745117771	0.836628453	-0.091510682	-12.28137152	0.034114474
2028	1	0.83448366	0.896078641	-0.061594981	-7.381208762	-0.061594981
2028	2	0.88188862	0.751827482	0.130061139	14.74802326	0.068466158
2028	3	0.728341988	0.755861135	-0.027519147	-3.778327689	0.040947011
2028	4	0.740824484	0.780749855	-0.03992537	-5.389315706	0.001021641
2028	5	0.846663602	1.040315454	-0.193651852	-22.87234884	-0.192630212
2028	6	1.090721766	1.199702816	-0.10898105	-9.991645333	-0.301611262
2028	7	1.302151185	1.295898879	0.006252307	0.480152121	-0.295358956
2028	8	1.260708283	1.295525117	-0.034816834	-2.761688338	-0.330175789
2028	9	1.329373796	1.166548669	0.162825127	12.24825759	-0.167350663
2028	10	1.094703327	0.937966267	0.15673706	14.31776597	-0.010613602
2028	11	0.810921604	0.71783703	0.093084574	11.47886223	0.082470972
2028	12	0.736983017	0.832542639	-0.095559622	-12.96632617	-0.01308865
2029	1	0.927999517	0.892114577	0.035884939	3.866913568	0.035884939
2029	2	0.858180395	0.728822718	0.129357677	15.07348308	0.165242616
2029	3	0.75998035	0.753191	0.00678935	0.893358623	0.172031966
2029	4	0.730153008	0.778517303	-0.048364295	-6.623857591	0.12366767
2029	5	0.847533707	1.037755696	-0.19022199	-22.44417986	-0.066554319
2029	6	1.121039983	1.196998908	-0.075958925	-6.775755186	-0.142513244
2029	7	1.241511507	1.293150779	-0.051639272	-4.159387333	-0.194152516
2029	8	1.261935963	1.292863757	-0.030927794	-2.450821231	-0.225080311
2029	9	1.266341674	1.164185063	0.102156611	8.067065394	-0.1229237
2029	10	1.086863279	0.935876574	0.150986705	13.89196858	0.028063005
2029	11	0.809372152	0.715772171	0.093599981	11.5645171	0.121662986
2029	12	0.733841751	0.829591899	-0.095750147	-13.04779225	0.025912839
2030	1	0.922840319	0.88846821	0.034372109	3.724599837	0.034372109
2030	2	0.815893606	0.72602414	0.089869466	11.01485108	0.124241575
2030	3	0.76082756	0.750654082	0.010173478	1.337159474	0.134415053
2030	4	0.737361194	0.776365555	-0.039004361	-5.289722469	0.095410692

2030	5	0.873786175	1.035250491	-0.161464316	-18.47869889	-0.066053624
2030	6	1.11908738	1.194282411	-0.075195031	-6.719317207	-0.141248655
2030	7	1.238879327	1.29024262	-0.051363293	-4.145948035	-0.192611948
2030	8	1.260830913	1.289885571	-0.029054659	-2.304405657	-0.221666607
2030	9	1.264150049	1.161317213	0.102832836	8.134543514	-0.118833771
2030	10	1.078174127	0.933158994	0.145015133	13.45006613	0.026181362
2030	11	0.79901106	0.713039795	0.085971265	10.75970904	0.112152627
2030	12	0.726681041	0.825845009	-0.099163968	-13.64614774	0.012988658
2031	1	0.92997454	0.885309096	0.044665443	4.802867333	0.044665443
2031	2	0.81073573	0.723750033	0.086985697	10.72922953	0.131651141
2031	3	0.725487927	0.748812058	-0.023324131	-3.214957863	0.10832701
2031	4	0.707920888	0.775020608	-0.06709972	-9.478420684	0.04122729
2031	5	0.844958393	1.033834345	-0.188875952	-22.35328434	-0.147648662
2031	6	1.100881976	1.192831565	-0.091949589	-8.352356692	-0.239598252
2031	7	1.229657068	1.288780484	-0.059123416	-4.808122357	-0.298721668
2031	8	1.258721471	1.288437561	-0.029716091	-2.360815414	-0.328437759
2031	9	1.325744681	1.159970497	0.165774184	12.50423149	-0.162663575
2031	10	1.084615465	0.931809861	0.152805605	14.08845896	-0.00985797
2031	11	0.825641504	0.711427052	0.114214452	13.83341945	0.104356482
2031	12	0.742636087	0.823294014	-0.080657927	-10.86102982	0.023698555
2032	1	0.931751231	0.882985763	0.048765468	5.233743346	0.048765468
2032	2	0.801749851	0.741959214	0.059790637	7.457517721	0.108556105
2032	3	0.718760518	0.747747722	-0.028987203	-4.032943199	0.079568902
2032	4	0.70931247	0.774526281	-0.065213811	-9.193946832	0.01435509
2032	5	0.838887528	1.033546252	-0.194658724	-23.20438887	-0.180303634
2032	6	1.085686577	1.192709362	-0.107022786	-9.85761342	-0.287326419
2032	7	1.233675766	1.288794075	-0.055118309	-4.467811621	-0.342444729
2032	8	1.259544503	1.288522623	-0.02897812	-2.300682529	-0.371422849
2032	9	1.257996771	1.160025921	0.097970849	7.787845854	-0.273452
2032	10	1.115801498	0.931645367	0.184156131	16.50438102	-0.089295869
2032	11	0.826842163	0.710748291	0.116093872	14.04063283	0.026798003
2032	12	0.722049623	0.82179748	-0.099747857	-13.81454319	-0.072949854
2033	1	0.949995936	0.881432439	0.068563498	7.217241156	0.068563498
2033	2	0.818592127	0.721285989	0.097306138	11.88701122	0.165869636
2033	3	0.721997922	0.747416773	-0.02541885	-3.520626504	0.140450786
2033	4	0.697871202	0.774808085	-0.076936883	-11.02451032	0.063513903
2033	5	0.84208425	1.034275086	-0.192190837	-22.82323136	-0.128676934
2033	6	1.079391408	1.193698985	-0.114307577	-10.5900025	-0.242984511
2033	7	1.23354819	1.289959857	-0.056411667	-4.573122295	-0.299396178
2033	8	1.317012057	1.289696657	0.0273154	2.074043275	-0.272080778
2033	9	1.260768753	1.1610248	0.099743953	7.911359843	-0.172336825
2033	10	1.111842155	0.932194397	0.179647758	16.15766741	0.007310932
2033	11	0.834049953	0.710547863	0.123502091	14.80751725	0.130813023
2033	12	0.748824291	0.820782582	-0.071958291	-9.609502818	0.058854732
2034	1	0.91540081	0.881181928	0.034218882	3.73813104	0.034218882
2034	2	0.815098767	0.721552252	0.093546515	11.47670913	0.127765396
2034	3	0.721222603	0.748410452	-0.027187849	-3.769688928	0.100577548

2034	4	0.712623378	0.776481909	-0.063858531	-8.961049123	0.036719017
2034	5	0.833683098	1.036679556	-0.202996458	-24.34935512	-0.166277441
2034	6	1.087356352	1.196488235	-0.109131883	-10.0364414	-0.275409324
2034	7	1.240109423	1.292994844	-0.052885422	-4.264577027	-0.328294746
2034	8	1.316810057	1.292704743	0.024105314	1.830583962	-0.304189432
2034	9	1.26476504	1.163750808	0.101014232	7.986798271	-0.2031752
2034	10	1.108721195	0.934337572	0.174383622	15.72835652	-0.028791578
2034	11	0.835020832	0.711728326	0.123292506	14.76520119	0.094500928
2034	12	0.748075874	0.821233705	-0.073157831	-9.779466639	0.021343098
2035	1	0.917447534	0.881531422	0.035916111	3.914786421	0.035916111
2035	2	0.847924795	0.722276364	0.125648431	14.81834615	0.161564543
2035	3	0.754511294	0.749849269	0.004662025	0.617886683	0.166226567
2035	4	0.729046568	0.778595887	-0.049549319	-6.796454609	0.116677248
2035	5	0.848559048	1.039678786	-0.191119738	-22.52285664	-0.07444249
2035	6	1.123537373	1.199986634	-0.07644926	-6.804336206	-0.15089175
2035	7	1.244961531	1.296821209	-0.051859678	-4.16556469	-0.202751428
2035	8	1.265545712	1.296505773	-0.030960061	-2.446380294	-0.233711489
2035	9	1.269695927	1.16707011	0.102625817	8.082708226	-0.131085672
2035	10	1.088980783	0.936808875	0.152171908	13.97379186	0.021086236
2035	11	0.809372917	0.713027014	0.096345903	11.90377158	0.11743214
2035	12	0.729873731	0.82174973	-0.091876	-12.58793073	0.02555614
2036	1	0.916610859	0.882081242	0.034529617	3.767096624	0.034529617
2036	2	0.809995593	0.74311503	0.066880563	8.256904524	0.101410179
2036	3	0.729287725	0.751524669	-0.022236943	-3.049131722	0.079173236
2036	4	0.737309982	0.780969673	-0.043659691	-5.921483814	0.035513545
2036	5	0.807489271	1.043026616	-0.235537345	-29.16909895	-0.2000238
2036	6	1.09960604	1.203912951	-0.104306911	-9.485843804	-0.304330711
2036	7	1.236991442	1.301159715	-0.064168274	-5.187446843	-0.368498985
2036	8	1.330116633	1.300939482	0.029177151	2.193578386	-0.339321834
2036	9	1.338593407	1.171115506	0.167477901	12.5114841	-0.171843932
2036	10	1.094763188	0.939960711	0.154802477	14.14027057	-0.017041456
2036	11	0.827672156	0.714867741	0.112804415	13.62911802	0.095762959
2036	12	0.750064309	0.822856813	-0.072792504	-9.704835119	0.022970455
2037	1	0.932093151	0.883118508	0.048974643	5.254264869	0.048974643
2037	2	0.801979563	0.72453678	0.077442784	9.656453541	0.126417427
2037	3	0.726426039	0.753692512	-0.027266473	-3.753509843	0.099150954
2037	4	0.709829451	0.78397234	-0.074142889	-10.44516944	0.025008065
2037	5	0.86731126	1.047317343	-0.180006083	-20.75449628	-0.154998018
2037	6	1.116187189	1.208951829	-0.09276464	-8.310849759	-0.247762658
2037	7	1.248971478	1.306686262	-0.057714784	-4.620984911	-0.305477442
2037	8	1.274500652	1.306455107	-0.031954455	-2.507213688	-0.337431897
2037	9	1.271734069	1.176016619	0.09571745	7.526530307	-0.241714447
2037	10	1.122728223	0.943683976	0.179044247	15.94724737	-0.0626702
2037	11	0.840209756	0.717033392	0.123176364	14.66019204	0.060506164
2037	12	0.749124729	0.824273114	-0.075148384	-10.0314916	-0.01464222
2038	1	0.943989187	0.884324749	0.059664438	6.320457766	0.059664438
2038	2	0.831841268	0.726022048	0.10581922	12.72108323	0.165483658

2038	3	0.759216734	0.755990903	0.003225831	0.424889338	0.168709489
2038	4	0.736980276	0.787036439	-0.050056163	-6.792062769	0.118653326
2038	5	0.861840786	1.051578679	-0.189737892	-22.01542272	-0.071084566
2038	6	1.130511929	1.213890778	-0.08337885	-7.375318007	-0.154463416
2038	7	1.265747119	1.312039805	-0.046292686	-3.657340817	-0.200756102
2038	8	1.279667507	1.311771257	-0.03210375	-2.508757152	-0.232859852
2038	9	1.275795059	1.180717743	0.095077315	7.452397216	-0.137782537
2038	10	1.108624896	0.947276359	0.161348537	14.55393411	0.023566
2038	11	0.81362185	0.719122299	0.094499552	11.61467723	0.118065552
2038	12	0.740882116	0.825583103	-0.084700987	-11.43245133	0.033364564
2039	1	0.87460854	0.885240273	-0.010631733	-1.21559902	-0.010631733
2039	2	0.821862362	0.727255958	0.094606404	11.51122239	0.083974671
2039	3	0.729328223	0.758037298	-0.028709075	-3.936372445	0.055265596
2039	4	0.719046864	0.789844401	-0.070797538	-9.846025533	-0.015531942
2039	5	0.849716666	1.055521881	-0.205805215	-24.2204517	-0.221337156
2039	6	1.10168743	1.218492282	-0.116804852	-10.60235865	-0.338142009
2039	7	1.259448616	1.317067177	-0.057618561	-4.574903667	-0.39576057
2039	8	1.344700395	1.316803477	0.027896918	2.074582389	-0.367863652
2039	9	1.287097679	1.185220031	0.101877648	7.915300412	-0.265986004
2039	10	1.134613426	0.95074238	0.183871046	16.20561168	-0.082114958
2039	11	0.85015019	0.721158702	0.128991488	15.1727882	0.046876529
2039	12	0.758833017	0.82686985	-0.068036833	-8.965982178	-0.021160304
2040	1	0.923975183	0.885237732	0.038737451	4.192477417	0.038737451
2040	2	0.814936195	0.747858777	0.067077418	8.231002393	0.105814869
2040	3	0.726472401	0.759241459	-0.032769058	-4.510709309	0.07304581
2040	4	0.714159758	0.791873239	-0.077713481	-10.88180622	-0.004667671
2040	5	0.850880996	1.058727247	-0.207846251	-24.42718222	-0.212513922
2040	6	1.10289693	1.22243403	-0.1195371	-10.83846521	-0.332051022
2040	7	1.262495649	1.32143475	-0.058939101	-4.668459714	-0.390990123
2040	8	1.346737248	1.32116685	0.025570398	1.898692447	-0.365419724
2040	9	1.295598186	1.189038893	0.106559293	8.224717674	-0.258860431
2040	10	1.13960021	0.953475124	0.186125086	16.33248962	-0.072735345
2040	11	0.855290801	0.722448976	0.132841825	15.53177293	0.06010648
2040	12	0.763044038	0.827401758	-0.064357719	-8.434338803	-0.00425124
2041	1	0.95990655	0.885568639	0.074337911	7.744286209	0.074337911
2041	2	0.813102465	0.728439464	0.084663001	10.41234095	0.159000911
2041	3	0.766097281	0.760745678	0.005351603	0.698553937	0.164352514
2041	4	0.751785832	0.794227518	-0.042441686	-5.645449031	0.121910828
2041	5	0.895776428	1.062368319	-0.166591891	-18.59748548	-0.044681063
2041	6	1.149234012	1.226905551	-0.077671538	-6.758548518	-0.122352601
2041	7	1.273505527	1.326409383	-0.052903856	-4.154191326	-0.175256457
2041	8	1.296381395	1.326172944	-0.029791549	-2.298054384	-0.205048007
2041	9	1.299450911	1.193470365	0.105980546	8.155794491	-0.099067461
2041	10	1.107121325	0.956724467	0.150396858	13.58449651	0.051329397
2041	11	0.81778401	0.724149974	0.093634036	11.44972694	0.144963433
2041	12	0.735661387	0.828379166	-0.092717779	-12.60332277	0.052245654
2042	1	0.931673744	0.88628357	0.045390174	4.871895751	0.045390174

2042	2	0.811619746	0.729482025	0.082137721	10.12022209	0.127527894
2042	3	0.733830865	0.762577564	-0.028746699	-3.917346676	0.098781195
2042	4	0.73332916	0.79691669	-0.063587529	-8.671076085	0.035193666
2042	5	0.862326748	1.066444375	-0.204117627	-23.6705666	-0.168923961
2042	6	1.136417435	1.231876503	-0.095459068	-8.400000336	-0.26438303
2042	7	1.27069314	1.331906674	-0.061213535	-4.817334162	-0.325596564
2042	8	1.301032291	1.331681497	-0.030649207	-2.355760666	-0.356245771
2042	9	1.369920162	1.198329702	0.171590459	12.52558098	-0.184655312
2042	10	1.119575836	0.960300612	0.159275224	14.22638997	-0.025380088
2042	11	0.849383234	0.726068679	0.123314555	14.51812917	0.097934467
2042	12	0.755404809	0.829585865	-0.074181056	-9.820040242	0.023753411
2043	1	0.93685577	0.887340967	0.049514803	5.285210886	0.049514803
2043	2	0.805878805	0.730775486	0.07510332	9.319431055	0.124618123
2043	3	0.734199128	0.764642467	-0.03044334	-4.14646906	0.094174783
2043	4	0.730857083	0.79982117	-0.068964088	-9.436056547	0.025210696
2043	5	0.877707328	1.070755925	-0.193048597	-21.99464341	-0.167837902
2043	6	1.14177992	1.237043141	-0.09526322	-8.343396	-0.263101122
2043	7	1.278418414	1.337577263	-0.059158849	-4.627502889	-0.322259971
2043	8	1.304663978	1.337326106	-0.032662128	-2.503489701	-0.354922099
2043	9	1.301463242	1.203288189	0.098175053	7.543436466	-0.256747046
2043	10	1.148143004	0.963985888	0.184157116	16.03956263	-0.07258993
2043	11	0.857353318	0.72814016	0.129213158	15.07116789	0.056623228
2043	12	0.759469242	0.831021877	-0.071552634	-9.421399845	-0.014929406
2044	1	0.886187728	0.88845382	-0.002266092	-0.255712408	-0.002266092
2044	2	0.825722493	0.752513061	0.073209432	8.866106073	0.07094334
2044	3	0.733816591	0.76678331	-0.032966719	-4.492501173	0.037976621
2044	4	0.785267357	0.802783946	-0.01751659	-2.230652966	0.020460032
2044	5	0.841178084	1.075146707	-0.233968623	-27.81439837	-0.213508592
2044	6	1.122801687	1.242326096	-0.119524408	-10.64519315	-0.333033
2044	7	1.284524557	1.343397148	-0.058872591	-4.583220343	-0.391905591
2044	8	1.308673114	1.343146194	-0.03447308	-2.634200979	-0.426378671
2044	9	1.375913536	1.208405983	0.167507553	12.17427899	-0.258871118
2044	10	1.156231828	0.967749298	0.18848253	16.30144802	-0.070388588
2044	11	0.852590136	0.73021866	0.122371476	14.3529078	0.051982888
2044	12	0.741742945	0.832426078	-0.090683132	-12.2256818	-0.038700244
2045	1	0.963327716	0.889508555	0.073819161	7.662933364	0.073819161
2045	2	0.82242447	0.733436506	0.088987964	10.820199	0.162807125
2045	3	0.735660428	0.768838344	-0.033177916	-4.509949816	0.129629209
2045	4	0.735976721	0.805690804	-0.069714083	-9.472321783	0.059915126
2045	5	0.866748023	1.079520811	-0.212772789	-24.54840197	-0.152857663
2045	6	1.133217174	1.247660538	-0.114443364	-10.09897893	-0.267301026
2045	7	1.293999129	1.349332907	-0.055333778	-4.276183575	-0.322634805
2045	8	1.374363031	1.349143706	0.025219325	1.834982781	-0.29741548
2045	9	1.319502707	1.213739368	0.105763339	8.01539387	-0.191652141
2045	10	1.155274926	0.971733026	0.1835419	15.88729193	-0.008110241
2045	11	0.866921954	0.732495676	0.134426278	15.50615684	0.126316037
2045	12	0.767469356	0.834106383	-0.066637027	-8.682695489	0.05967901

2046	1	0.92843743	0.891060978	0.037376452	4.025737297	0.037376452
2046	2	0.856971359	0.735158478	0.121812881	14.21434681	0.159189333
2046	3	0.771201052	0.77134886	-0.000147808	-0.019165907	0.159041525
2046	4	0.754890556	0.809055336	-0.05416478	-7.17518317	0.104876745
2046	5	0.883999299	1.084475514	-0.200476215	-22.67832286	-0.09559947
2046	6	1.173171186	1.25361559	-0.080444405	-6.857004842	-0.176043875
2046	7	1.301561631	1.355922608	-0.054360977	-4.176596482	-0.230404852
2046	8	1.323487034	1.355759413	-0.032272379	-2.43843558	-0.262677231
2046	9	1.327284545	1.219611055	0.107673491	8.11231407	-0.15500374
2046	10	1.136917288	0.976156371	0.160760918	14.14007151	0.005757177
2046	11	0.841613611	0.735128054	0.106485557	12.65254697	0.112242735
2046	12	0.749838366	0.836207768	-0.086369402	-11.51840268	0.025873332
2047	1	0.928697639	0.892826586	0.035871054	3.86251156	0.035871054
2047	2	0.819702388	0.737067814	0.082634573	10.08104584	0.118505627
2047	3	0.776732993	0.7740774	0.002655593	0.341892639	0.12116122
2047	4	0.767605317	0.812690026	-0.045084709	-5.873423219	0.076076511
2047	5	0.918110532	1.089853279	-0.171742747	-18.70610795	-0.095666236
2047	6	1.179906763	1.26010472	-0.080197957	-6.796974117	-0.175864193
2047	7	1.308602171	1.363074503	-0.054472332	-4.162635016	-0.230336525
2047	8	1.332426322	1.362958248	-0.030531926	-2.291453256	-0.260868452
2047	9	1.335200138	1.226004731	0.109195407	8.178205187	-0.151673045
2047	10	1.136613381	0.980953996	0.155659385	13.69501607	0.00398634
2047	11	0.837386379	0.737995872	0.099390508	11.86913354	0.103376848
2047	12	0.748323557	0.838553591	-0.090230034	-12.05762303	0.013146814
2048	1	0.941186382	0.894935995	0.046250387	4.914051907	0.046250387
2048	2	0.819510666	0.759861811	0.059648856	7.278594167	0.105899243
2048	3	0.775337036	0.776997759	-0.001660724	-0.214193777	0.104238519
2048	4	0.784160478	0.81647766	-0.032317182	-4.121245938	0.071921337
2048	5	0.906784663	1.095404007	-0.188619344	-20.80089701	-0.116698006
2048	6	1.178135779	1.266770789	-0.08863501	-7.523327216	-0.205333016
2048	7	1.319089599	1.370418063	-0.051328464	-3.891203777	-0.256661481
2048	8	1.333089686	1.370324614	-0.037234928	-2.793130029	-0.293896409
2048	9	1.330951948	1.232525803	0.098426146	7.395168983	-0.195470263
2048	10	1.162031801	0.985839132	0.176192669	15.16246536	-0.019277594
2048	11	0.848051161	0.74092407	0.107127091	12.63214958	0.087849497
2048	12	0.750155206	0.840984951	-0.090829745	-12.10812699	-0.002980248
2049	1	0.958520892	0.897197386	0.061323506	6.397722458	0.061323506
2049	2	0.844134352	0.741461071	0.10267328	12.16314441	0.163996787
2049	3	0.77846719	0.780006562	-0.001539372	-0.19774399	0.162457414
2049	4	0.765456532	0.820333647	-0.054877115	-7.169200639	0.1075803
2049	5	0.900905233	1.101015084	-0.20010985	-22.21208656	-0.09252955
2049	6	1.185230397	1.273470618	-0.088240222	-7.444984691	-0.180769772
2049	7	1.328950719	1.377750479	-0.04879976	-3.67205191	-0.229569532
2049	8	1.344065831	1.37764589	-0.03358006	-2.498393958	-0.263149592
2049	9	1.339309003	1.238966391	0.100342613	7.492118119	-0.162806979
2049	10	1.162034054	0.990633439	0.171400616	14.75005101	0.008593637
2049	11	0.848846792	0.743777698	0.105069094	12.37786316	0.113662731

2049	12	0.763390843	0.843329896	-0.079939053	-10.47157608	0.033723678
2050	1	0.889733918	0.899467065	-0.009733147	-1.093939106	-0.009733147
2050	2	0.834644109	0.743720955	0.090923153	10.89364348	0.081190006
2050	3	0.748196119	0.783023103	-0.034826984	-4.654793447	0.046363022
2050	4	0.746510948	0.824176279	-0.077665331	-10.4037765	-0.031302308
2050	5	0.888773144	1.106560288	-0.217787143	-24.50424437	-0.249089452
2050	6	1.156321625	1.280075717	-0.123754093	-10.7023937	-0.372843544
2050	7	1.324170929	1.385009937	-0.060839008	-4.594498081	-0.433682552
2050	8	1.414345348	1.384908835	0.029436513	2.081281857	-0.404246039
2050	9	1.353130053	1.2453976	0.107732453	7.961722012	-0.296513586
2050	10	1.191039988	0.995487856	0.195552132	16.41860339	-0.100961454
2050	11	0.888392338	0.746731913	0.141660425	15.94570539	0.040698971
2050	12	0.78342655	0.845817682	-0.062391132	-7.963877678	-0.021692161

Year	Month	Difference	XOther_C	XHeat1_C	XCool1_C	XCool2_C
2010	11					
2010	12					
2011	1					
2011	2	0.182843047	0.037190341	0.197537347	-0.051884641	0
2011	3	-0.019615633	-0.033326593	0.078567681	-0.064271051	-0.000585669
2011	4	-0.180406687	-0.012075752	0.026357362	-0.168477036	-0.026211262
2011	5	-0.112412009	-0.00393138	9.33919E-05	-0.072552864	-0.036021157
2011	6	-0.135384299	0.010572225	0	-0.093127641	-0.052828883
2011	7	-0.051892975	-0.008331796	0	-0.028557957	-0.015003222
2011	8	-0.001087343	0.005523879	0	-0.002350023	-0.004261199
2011	9	0.122700431	0.004715838	0	0.073271471	0.044713122
2011	10	0.277964905	-0.020584835	-0.013312254	0.22819138	0.083670613
2011	11	0.049555535	-0.001015049	-0.024573278	0.069413688	0.005730174
2011	12	0.039295597	0.011614489	-0.036824629	0.063832761	0.000672975
2012	1	-0.017522867	0.023450134	-0.069616612	0.02864361	0
2012	2	0.031975029	0.01257968	0.078676168	-0.059280818	0
2012	3	-0.081752964	-0.032971577	0.065416434	-0.114144861	-5.296E-05
2012	4	-0.001692486	0.004992451	-3.98449E-05	-0.001684838	-0.004960255
2012	5	-0.259909522	-0.020526601	0.003549704	-0.18430817	-0.058624456
2012	6	-0.022511	0.011482455	0	-0.018481296	-0.015512159
2012	7	-0.116867481	-0.00830004	0	-0.06815256	-0.040414881
2012	8	0.045814589	0.004589877	0	0.026518116	0.014706596
2012	9	0.07801268	0.005658866	0	0.04571083	0.026642984
2012	10	0.153482729	-0.021622279	-0.022716192	0.139498297	0.058322902
2012	11	0.176518636	-0.003060103	-0.07624884	0.235399405	0.020428174
2012	12	-0.065364259	0.015938105	-0.065251891	-0.016229723	0.00017925
2013	1	0.066536779	0.018978065	0.063085293	-0.015526579	0
2013	2	0.025006706	0.035270923	0.002924298	-0.013188515	0
2013	3	-0.053835199	-0.032667395	-0.051580213	0.030412409	0
2013	4	-0.040038873	0.012874478	0.152404781	-0.192716817	-0.012601315
2013	5	-0.08842385	-0.000970272	0.003947957	-0.067971038	-0.023430497
2013	6	-0.143466247	0.01519839	0	-0.099942933	-0.058721705
2013	7	-0.007832355	-0.010953756	0	-0.000891907	0.004013308
2013	8	-0.110949998	-0.021721056	0	-0.060080799	-0.029148143
2013	9	0.114933673	0.008329248	0	0.067323755	0.03928067
2013	10	0.147430112	-0.024026883	0	0.119505429	0.051951566
2013	11	0.120533222	0.000995498	-0.047027037	0.139075178	0.027489583
2013	12	0.021138514	0.001035868	-0.031909238	0.051387458	0.000624426
2014	1	-0.144701021	0.028912095	-0.246665887	0.073052772	0
2014	2	0.254105941	0.06307647	0.224907986	-0.033878515	0
2014	3	0.00852827	-0.03204154	0.054023564	-0.013453753	0
2014	4	-0.096211458	-0.005827662	0.049889829	-0.127665934	-0.012607691
2014	5	-0.195032981	-0.009533623	0.002138435	-0.144966643	-0.04267115
2014	6	-0.098231893	0.014986683	0	-0.068915857	-0.044302719
2014	7	-0.061714076	-0.010845728	0	-0.033754604	-0.017113744
2014	8	-0.086207503	-0.02158674	0	-0.045086854	-0.019533909

2014	9	0.267002673	0.0359579	0	0.150540601	0.080504171
2014	10	0.131138406	-0.02587619	0	0.114861715	0.042152881
2014	11	0.036367048	0.004966369	-0.143451945	0.161666521	0.013186104
2014	12	0.029949672	0.005183213	0.020811351	0.002776697	0.00117841
2015	1	-0.013522662	0.023730403	-0.079696955	0.04244389	0
2015	2	0.044176666	0.031543229	0.00437224	0.008261198	0
2015	3	-0.000439548	-0.032043673	0.176521933	-0.142547645	-0.002370164
2015	4	-0.136931216	-0.003881471	0.026073974	-0.130581747	-0.028541973
2015	5	-0.134852664	-0.010492349	0.002420678	-0.084467875	-0.042313118
2015	6	-0.08121225	0.014046968	0	-0.055029799	-0.040229419
2015	7	-0.003796351	-0.009930622	0	0.001189917	0.004944354
2015	8	-0.047316885	-0.02244874	0	-0.021148024	-0.003720121
2015	9	0.08577165	0.003681476	0	0.05116749	0.030922683
2015	10	0.159749954	-0.019121969	0	0.11310469	0.065767233
2015	11	0.068037365	5.69794E-15	-0.017325949	0.081620526	0.003742788
2015	12	0.030868974	0.008261341	-0.004229531	0.015826712	0.011010452
2016	1	-0.101224931	-0.008962939	-0.267600649	0.173967218	0.00137144
2016	2	0.09733072	0.016694564	0.091401317	-0.010914024	0.000148864
2016	3	0.000196858	-0.030950201	0.169113532	-0.135727011	-0.002239462
2016	4	0.008157929	0.035821136	0.033979105	-0.057139857	-0.004502455
2016	5	-0.214261735	-0.024099364	0.000188811	-0.142061057	-0.048290125
2016	6	-0.16263099	0.010040565	0	-0.106922518	-0.065749036
2016	7	-0.087854707	-0.00789363	0	-0.050758641	-0.029202436
2016	8	-0.014977201	-0.019136392	0	-0.002793785	0.006952977
2016	9	0.144854249	0.029331971	0	0.078898578	0.036623699
2016	10	0.220511263	-0.01931604	0	0.158862072	0.080965231
2016	11	0.165777064	-0.011393664	-0.043928143	0.196025689	0.025073183
2016	12	-0.070000339	-0.007903153	-0.032056916	-0.030178634	0.000138364
2017	1	0.030920077	0.048387514	-0.077501239	0.059956922	7.68804E-05
2017	2	0.140473879	0.032436717	0.120947149	-0.012909986	0
2017	3	-0.089822911	-0.030092452	-0.013638018	-0.046092441	0
2017	4	-0.102724405	-0.001827009	0.048134472	-0.132984577	-0.016047292
2017	5	-0.157193636	-0.012601711	0.000606842	-0.10523784	-0.039960927
2017	6	-0.054874714	0.010669255	0	-0.040909745	-0.024634224
2017	7	-0.116217919	-0.006853739	0	-0.068467589	-0.040896591
2017	8	-0.02032928	0.003399814	0	-0.013244727	-0.010484367
2017	9	0.089457749	0.005215962	0	0.053010027	0.03123176
2017	10	0.147088772	-0.019789342	-0.039142232	0.152402104	0.053618242
2017	11	0.255710972	0.00185667	0.018323273	0.187580672	0.047950357
2017	12	-0.055233636	0.009665568	-0.104548954	0.039649751	0
2018	1	-0.092778817	0.017983959	-0.142158763	0.031395987	0
2018	2	0.181679018	0.057035615	0.265330523	-0.139508186	-0.001178934
2018	3	0.029725361	-0.003687221	-0.061167811	0.093400548	0.001179846
2018	4	-0.022914258	0.013434064	0.066896962	-0.10091054	-0.002334744
2018	5	-0.173396683	-0.027390211	0.001965503	-0.118782036	-0.029189939
2018	6	-0.108812033	0.013996063	0	-0.071373664	-0.051434431
2018	7	-0.033714939	-0.008447432	0	-0.017745369	-0.007522138

2018	8	-0.067070644	-0.021798708	0	-0.034006206	-0.01126573
2018	9	-0.013521233	0.008568819	0	-0.01071391	-0.011376141
2018	10	0.181299051	-0.023045556	0	0.133664347	0.07068026
2018	11	0.126243327	-0.007317439	-0.091735271	0.18486666	0.040429377
2018	12	-0.017685531	-0.005708559	-0.06551166	0.050685981	0.002848708
2019	1	-0.055727345	0.016016627	-0.116040764	0.044045919	0.000250873
2019	2	0.1772578	0.030765967	0.254703508	-0.106285999	-0.001925676
2019	3	0.035487278	-0.003680288	-0.012800111	0.050039113	0.001928563
2019	4	-0.066330171	0.02056852	0.037403561	-0.114989145	-0.009313107
2019	5	-0.2387924	-0.008836274	0	-0.165459616	-0.06449651
2019	6	-0.043525638	0.013126998	0	-0.030747113	-0.025905523
2019	7	0.015819007	-0.008439635	0	0.012382726	0.011875915
2019	8	-0.118468641	-0.021762765	0	-0.065456661	-0.031249216
2019	9	0.049765368	0.009407372	0	0.027645449	0.012712547
2019	10	0.03497711	-0.023850317	0	0.02924801	0.029579417
2019	11	0.308019545	-0.010908776	-0.060372669	0.305963791	0.073337199
2019	12	-0.014284676	-0.007544176	0.00677369	-0.017871512	0.004357322
2020	1	-0.034939275	0.021548759	-0.090308155	0.033820122	0
2020	2	0.021354428	0.012047968	0.043200111	-0.032680998	-0.001212653
2020	3	-0.096588368	-0.003672283	0.094678785	-0.165683878	-0.021910993
2020	4	0.052040634	0.029794939	0.010315343	0.015852672	-0.00392232
2020	5	-0.144762159	-0.017377252	0	-0.092662917	-0.03472199
2020	6	-0.137057878	0.012422393	0	-0.089280496	-0.060199776
2020	7	-0.014760546	-0.006783632	0	-0.006752923	-0.001223992
2020	8	-0.050499561	-0.023190102	0	-0.023719932	-0.003589527
2020	9	0.112074053	0.004163118	0	0.069523743	0.038387192
2020	10	0.034100255	-0.017870948	0	0.027849408	0.024121795
2020	11	0.218311482	-0.01053072	-0.001455027	0.177549578	0.052747651
2020	12	-0.077475649	-0.007425411	-0.232472081	0.155718796	0.006703047
2021	1	0.073015184	0.030184637	0.046771379	-0.003940831	0
2021	2	0.138060742	0.048815996	0.150609301	-0.061047483	-0.000317072
2021	3	-0.051435937	-0.003667611	0.018432915	-0.059116845	-0.007084396
2021	4	-0.02231724	0.011355206	0.024857977	-0.054389147	-0.004141275
2021	5	-0.178963395	-0.025136519	0.003863514	-0.120108429	-0.037581961
2021	6	-0.07010874	0.011100803	0	-0.046823485	-0.034386057
2021	7	-0.10488474	-0.005774222	0	-0.061997842	-0.037112676
2021	8	-0.034267293	-0.021411335	0	-0.014461001	0.001605042
2021	9	0.099035408	0.005026837	0	0.059630375	0.034378196
2021	10	0.165669911	-0.018900425	-0.008838186	0.138536775	0.054871746
2021	11	0.091938036	-0.010542719	-0.070193925	0.154932056	0.017742624
2021	12	-0.096828242	-0.00182814	-0.132226506	0.036348856	0.000877548
2022	1	0.040271832	0.017272818	0.003918563	0.019033561	4.689E-05
2022	2	0.054089837	0.002688571	0.096785747	-0.045221605	-0.000162877
2022	3	-0.02479574	-0.02831053	0.07062362	-0.065465205	-0.001643625
2022	4	-0.078834172	-0.004299568	0.038254555	-0.103077553	-0.009711606
2022	5	-0.199858446	-0.009345054	0.005019246	-0.146530385	-0.049002253
2022	6	-0.11842024	0.009249001	0.000178287	-0.077575112	-0.050272416

2022	7	-0.058783441	-0.007289763	0	-0.033546722	-0.017946956
2022	8	0.028494477	0.004806492	0	0.016194673	0.007493312
2022	9	0.10359575	0.00407932	0	0.062679117	0.036837314
2022	10	0.18553155	-0.017643981	-0.008678361	0.150431133	0.061422759
2022	11	0.125578775	-0.000862897	-0.071291223	0.176187115	0.02154578
2022	12	-0.079249888	0.009893341	-0.136879552	0.046479929	0.001256393
2023	1	0.035664416	0.018004721	-0.002368961	0.019980354	4.83014E-05
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2023	3	-0.02577709	-0.027982636	0.067946573	-0.064120445	-0.001620582
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2023	9	0.10389488	0.004843607	0	0.062635902	0.036415372
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2023	11	0.123547863	0.001707329	-0.070601515	0.171930876	0.020511174
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2024	1	-0.014723526	-0.012484161	-0.019212101	0.016926288	4.64482E-05
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2024	7	-0.060432693	-0.007934144	0	-0.034389471	-0.018109078
2024	8	0.028194414	0.003922735	0	0.016276208	0.007995471
2024	9	0.111217629	0.007192822	0	0.066428056	0.037596751
2024	10	0.174709234	-0.020571982	-0.008587222	0.144307698	0.059560741
2024	11	0.129214542	0.001689836	-0.070611718	0.176448359	0.021688064
2024	12	-0.09556668	5.25964E-15	-0.143948208	0.047110609	0.001270918
2025	1	0.090998404	0.05001061	0.01987842	0.021064151	4.52235E-05
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2025	3	-0.022538876	-0.02726376	0.06703005	-0.060713353	-0.001591813
2025	4	-0.076825801	-0.004967224	0.031193256	-0.09376158	-0.009290252
2025	5	-0.183666144	-0.008186677	0.003591229	-0.133177403	-0.045893292
2025	6	-0.093603244	0.012966547	0.000144131	-0.062978759	-0.043735163
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2025	11	0.114765835	0.004157393	-0.067504702	0.159743027	0.018370117
2025	12	-0.085166373	0.004337898	-0.12973425	0.039240128	0.000989852
2026	1	0.049972035	0.019975299	0.01304273	0.016910919	4.30866E-05
2026	2	0.083475392	0.026513056	0.098277237	-0.041168766	-0.000146134
2026	3	-0.023809567	-0.02698928	0.064557434	-0.059796008	-0.001581714
2026	4	-0.056836609	0.00737599	0.030168143	-0.085354336	-0.009026406
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2026	6	-0.09229509	0.012034266	0.000142606	-0.061862485	-0.042609477
2026	7	-0.057627131	-0.008497572	0	-0.032540228	-0.016589331
2026	8	-0.032085689	-0.019097255	0	-0.013981323	0.000992889
2026	9	0.095372557	0.003113377	0	0.057953896	0.034305284
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2026	11	0.118633913	4.71176E-15	-0.067828951	0.166486312	0.019976552
2026	12	-0.082555223	0.006872142	-0.133649321	0.043108624	0.001113332
2027	1	0.060187824	0.027554231	0.013873155	0.018715119	4.53186E-05
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2027	3	0.007298965	-0.003346148	0.066249808	-0.054060466	-0.001544229
2027	4	-0.047794479	0.0105692	0.023986416	-0.073873117	-0.008476978
2027	5	-0.187465627	-0.023319373	0.002566364	-0.124729312	-0.041983305
2027	6	-0.082191532	0.010349829	0.000111525	-0.054628617	-0.038024269
2027	7	-0.045763645	-0.00536721	0	-0.026209266	-0.014187169
2027	8	-0.031912535	-0.01971717	0	-0.013717933	0.001522569
2027	9	0.093911872	0.004637321	0	0.056627549	0.032647002
2027	10	0.15854285	-0.017512391	-0.008336801	0.132078353	0.05231369
2027	11	0.088988881	-0.009811437	-0.066472515	0.148290762	0.016982071
2027	12	-0.091510682	-0.001706667	-0.125521505	0.034875512	0.000841978
2028	1	-0.061594981	-0.039407933	-0.035694718	0.013465753	4.19162E-05
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2028	3	-0.027519147	-0.026638475	0.06421119	-0.063502554	-0.001589308
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2028	6	-0.10898105	0.009507353	0.000140394	-0.071497716	-0.047131081
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2028	9	0.162825127	0.028463821	0	0.091792152	0.042569154
2028	10	0.15673706	-0.019809742	-0.008281705	0.131651044	0.053177463
2028	11	0.093084574	-0.00976746	-0.067337679	0.152570325	0.017619388
2028	12	-0.095559622	-0.003398025	-0.129834488	0.036705725	0.000967165
2029	1	0.035884939	0.016218766	0.000614755	0.019004646	4.6772E-05
2029	2	0.129357677	0.0512942	0.117209421	-0.039002594	-0.00014335
2029	3	0.00678935	-0.00331809	0.064633842	-0.053037129	-0.001489274
2029	4	-0.048364295	0.012095463	0.024830419	-0.076538367	-0.008751811
2029	5	-0.19022199	-0.024725743	0.002119605	-0.125332236	-0.042283616
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2029	8	-0.030927794	-0.019561461	0	-0.013175742	0.001809408
2029	9	0.102156611	0.007669806	0	0.06078464	0.033702165
2029	10	0.150986705	-0.020541041	-0.008235797	0.128225896	0.051537647
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2030	1	0.034372109	0.014461318	0.002295366	0.01757197	4.34549E-05
2030	2	0.089869466	0.027652382	0.103508044	-0.041138812	-0.000152148
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2030	5	-0.161464316	-0.007947455	0.002254696	-0.114609946	-0.041161611
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2030	8	-0.029054659	-0.019489185	0	-0.012069173	0.002503699
2030	9	0.102832836	0.008404838	0	0.060991646	0.033436351
2030	10	0.145015133	-0.021246809	-0.008184739	0.124655824	0.049790858
2030	11	0.085971265	-0.009699006	-0.065589564	0.144880343	0.016379493
2030	12	-0.099163968	-0.006747525	-0.128276087	0.035022754	0.000836889
2031	1	0.044665443	0.019516432	0.008340996	0.01676706	4.09561E-05
2031	2	0.086985697	0.027584964	0.100291459	-0.040742925	-0.000147801
2031	3	-0.023324131	-0.0263878	0.06411939	-0.059495831	-0.001559891
2031	4	-0.06709972	0.000801649	0.029872263	-0.088764873	-0.009008759
2031	5	-0.188875952	-0.013480419	0.00341037	-0.133714292	-0.045091611
2031	6	-0.091949589	0.01256166	0.000137972	-0.061760246	-0.042888975
2031	7	-0.059123416	-0.009074659	0	-0.033316808	-0.01673195
2031	8	-0.029716091	-0.017951549	0	-0.012909441	0.0011449
2031	9	0.165774184	0.029735631	0	0.093272811	0.042765743
2031	10	0.152805605	-0.021199973	-0.008139838	0.129651686	0.052493729
2031	11	0.114214452	0.004032052	-0.064699387	0.156844944	0.018036843
2031	12	-0.080657927	0.004207211	-0.124375696	0.038538408	0.000972151
2032	1	0.048765468	0.019491471	0.012536861	0.016694601	4.25355E-05
2032	2	0.059790637	0.009183444	0.093613219	-0.042861721	-0.000144304
2032	3	-0.028987203	-0.026356215	0.059122924	-0.060175114	-0.001578799
2032	4	-0.065213811	0.002402322	0.032141726	-0.090685061	-0.009072799
2032	5	-0.194658724	-0.015051075	0.003858367	-0.137804946	-0.045661071
2032	6	-0.107022786	0.008627977	0.000166235	-0.070060399	-0.045756598
2032	7	-0.055118309	-0.006800289	0	-0.031530071	-0.016787949
2032	8	-0.02897812	-0.016442709	0	-0.012895283	0.000359872
2032	9	0.097970849	0.003047499	0	0.059562038	0.035361312
2032	10	0.184156131	-0.015691113	-0.008099453	0.147565008	0.060381688
2032	11	0.116093872	-0.009668923	-0.067683423	0.171799961	0.021646257
2032	12	-0.099747857	-0.007566447	-0.137984624	0.044573991	0.001229223
2033	1	0.068563498	0.042359248	0.002832578	0.023321531	5.01402E-05
2033	2	0.097306138	0.029212829	0.109397962	-0.041149764	-0.000154889
2033	3	-0.02541885	-0.026350903	0.065380459	-0.06286994	-0.001578466
2033	4	-0.076936883	-0.00400339	0.035429165	-0.099032192	-0.009330466
2033	5	-0.192190837	-0.00871308	0.004655323	-0.140985223	-0.047147857
2033	6	-0.114307577	0.00862736	0.000165483	-0.074694669	-0.04840575
2033	7	-0.056411667	-0.006800226	0	-0.032320496	-0.017290945
2033	8	0.0273154	0.00448436	0	0.015608808	0.007222231
2033	9	0.099743953	0.003809352	0	0.060423148	0.035511452
2033	10	0.179647758	-0.016474391	-0.008062888	0.144985707	0.059199329
2033	11	0.123502091	-0.000805626	-0.066218036	0.169765292	0.02076046
2033	12	-0.071958291	0.009245909	-0.127235497	0.044819778	0.001211518
2034	1	0.034218882	0.016975772	-0.002197539	0.019393765	4.68833E-05
2034	2	0.093546515	0.028434409	0.106180953	-0.040916267	-0.000152581
2034	3	-0.027187849	-0.026406164	0.063073532	-0.062281121	-0.001574095

2034	4	-0.063858531	0.004012476	0.034263638	-0.092945179	-0.009189466
2034	5	-0.202996458	-0.016673286	0.004306339	-0.14369603	-0.046933481
2034	6	-0.109131883	0.009434111	0.000136092	-0.071541887	-0.047160199
2034	7	-0.052885422	-0.006059595	0	-0.03037941	-0.016446417
2034	8	0.024105314	0.002996964	0	0.014065128	0.007043222
2034	9	0.101014232	0.004582477	0	0.060979428	0.035452328
2034	10	0.174383622	-0.017300139	-0.008030346	0.141892341	0.057821766
2034	11	0.123292506	0.001615009	-0.065696694	0.167403168	0.019971023
2034	12	-0.073157831	0.00842406	-0.125481883	0.042732821	0.001167171
2035	1	0.035916111	0.016168278	0.000597139	0.019103678	4.70158E-05
2035	2	0.125648431	0.051146452	0.113852538	-0.03920646	-0.000144099
2035	3	0.004662025	-0.003309406	0.062783636	-0.053315125	-0.00149708
2035	4	-0.049549319	0.012069801	0.024120218	-0.076941438	-0.0087979
2035	5	-0.191119738	-0.024679785	0.002058985	-0.12599255	-0.042506387
2035	6	-0.07644926	0.012613062	7.83581E-05	-0.051564059	-0.037576622
2035	7	-0.051859678	-0.007595763	0	-0.029314888	-0.014949027
2035	8	-0.030960061	-0.019534934	0	-0.013243893	0.001818767
2035	9	0.102625817	0.007658181	0	0.061093965	0.033873671
2035	10	0.152171908	-0.02049772	-0.007998367	0.128871044	0.05179695
2035	11	0.096345903	-0.006475613	-0.063919297	0.149685677	0.017055136
2035	12	-0.091876	-0.005065899	-0.12373304	0.036017586	0.000905354
2036	1	0.034529617	0.014508384	0.002233817	0.017743537	4.38792E-05
2036	2	0.066880563	0.01093214	0.099876992	-0.043774923	-0.000153646
2036	3	-0.022236943	-0.021574778	0.060482741	-0.059566591	-0.001578315
2036	4	-0.043659691	0.018562554	0.033960263	-0.087085613	-0.009096896
2036	5	-0.235537345	-0.035933408	0.003310233	-0.155220832	-0.047693336
2036	6	-0.104306911	0.012651342	0.000163589	-0.069781328	-0.047340515
2036	7	-0.064168274	-0.009905682	0	-0.036169148	-0.018093443
2036	8	0.029177151	0.003768935	0	0.016943136	0.00846508
2036	9	0.167477901	0.02996527	0	0.09428349	0.043229141
2036	10	0.154802477	-0.021355168	-0.007970826	0.131063231	0.053065239
2036	11	0.112804415	0.000812035	-0.063389008	0.157158657	0.018222731
2036	12	-0.072792504	0.007622206	-0.12177513	0.040366246	0.000994174
2037	1	0.048974643	0.019697516	0.012295589	0.016938381	4.31566E-05
2037	2	0.077442784	0.026160525	0.09267776	-0.041249082	-0.000146419
2037	3	-0.027266473	-0.026648006	0.060898136	-0.05993131	-0.001585293
2037	4	-0.074142889	-0.00324011	0.027849625	-0.089633899	-0.009118504
2037	5	-0.180006083	-0.008816379	0.003710702	-0.130177624	-0.044722782
2037	6	-0.09276464	0.011904911	0.000134645	-0.062059216	-0.042744981
2037	7	-0.057714784	-0.008413872	0	-0.032653721	-0.01664719
2037	8	-0.031954455	-0.018917123	0	-0.014033959	0.000996627
2037	9	0.09571745	0.003085024	0	0.058188356	0.03444407
2037	10	0.179044247	-0.015876768	-0.007944567	0.144544227	0.058321356
2037	11	0.123176364	4.60218E-15	-0.064127799	0.167237479	0.020066684
2037	12	-0.075148384	0.006798683	-0.126375015	0.04330943	0.001118518
2038	1	0.059664438	0.027509312	0.013163144	0.018946104	4.58779E-05
2038	2	0.10581922	0.04404987	0.101461527	-0.039547171	-0.000145006

2038	3	0.003225831	-0.003343753	0.06287203	-0.05473884	-0.001563606
2038	4	-0.050056163	0.010571169	0.02276621	-0.074809153	-0.008584389
2038	5	-0.189737892	-0.023333267	0.002436037	-0.126321451	-0.042519212
2038	6	-0.08337885	0.010357499	0.000105869	-0.055329853	-0.038512365
2038	7	-0.046292686	-0.005375307	0	-0.026547256	-0.014370124
2038	8	-0.03210375	-0.019750848	0	-0.013895139	0.001542237
2038	9	0.095077315	0.004645288	0	0.057361745	0.033070282
2038	10	0.161348537	-0.017529103	-0.007915441	0.133798195	0.052994886
2038	11	0.094499552	-0.009814185	-0.06311386	0.15022412	0.017203477
2038	12	-0.084700987	-0.001705499	-0.119178374	0.035329936	0.000852949
2039	1	-0.010631733	-0.011213793	-0.01580172	0.016339377	4.44035E-05
2039	2	0.094606404	0.0297506	0.107057639	-0.042043581	-0.000158254
2039	3	-0.028709075	-0.026842596	0.063980945	-0.064234694	-0.001612731
2039	4	-0.070797538	0.001632061	0.034695149	-0.097690515	-0.009434234
2039	5	-0.205805215	-0.01453404	0.004529889	-0.14753408	-0.048266983
2039	6	-0.116804852	0.008795264	0.000161927	-0.076309684	-0.049452359
2039	7	-0.057618561	-0.006936338	0	-0.033018082	-0.017664142
2039	8	0.027896918	0.004574622	0	0.015944664	0.007377632
2039	9	0.101877648	0.003885151	0	0.061719287	0.03627321
2039	10	0.183871046	-0.016791573	-0.007887762	0.148085408	0.060464972
2039	11	0.128991488	-0.000820682	-0.064776222	0.17338525	0.021203142
2039	12	-0.068036833	0.009411711	-0.124459119	0.045773283	0.001237292
2040	1	0.038737451	0.019008292	-0.000179132	0.019860303	4.79876E-05
2040	2	0.067077418	0.010217913	0.101171461	-0.04415579	-0.000156167
2040	3	-0.032769058	-0.026891634	0.06007771	-0.064332214	-0.001622921
2040	4	-0.077713481	4.71176E-15	0.036046051	-0.104084192	-0.009675339
2040	5	-0.207846251	-0.012946345	0.004249194	-0.14981782	-0.04933128
2040	6	-0.1195371	0.009616503	0.000161374	-0.078320433	-0.050994544
2040	7	-0.058939101	-0.006952674	0	-0.033820352	-0.018166075
2040	8	0.025570398	0.00382105	0	0.01473835	0.007010999
2040	9	0.106559293	0.004672505	0	0.064359903	0.037526886
2040	10	0.186125086	-0.017627256	-0.007861057	0.149836648	0.061776751
2040	11	0.132841825	-0.002466714	-0.065222654	0.178278732	0.022252461
2040	12	-0.064357719	0.012857211	-0.128806952	0.05024416	0.001347861
2041	1	0.074337911	0.040693357	0.011756601	0.021839709	4.82432E-05
2041	2	0.084663001	0.028160384	0.099076557	-0.042417065	-0.000156875
2041	3	0.005351603	-0.003369057	0.067092418	-0.056790431	-0.001581326
2041	4	-0.042441686	0.01885045	0.026100328	-0.078349341	-0.009043124
2041	5	-0.166591891	-0.008112156	0.002158523	-0.118190653	-0.042447605
2041	6	-0.077671538	0.012053398	7.67698E-05	-0.052087565	-0.037714141
2041	7	-0.052903856	-0.007747221	0	-0.029910753	-0.015245883
2041	8	-0.029791549	-0.019926229	0	-0.012447502	0.002582181
2041	9	0.105980546	0.008590038	0	0.062905151	0.034485357
2041	10	0.150396858	-0.021690535	-0.007836816	0.128569946	0.051354263
2041	11	0.093634036	-0.009891571	-0.062803705	0.149434902	0.01689441
2041	12	-0.092717779	-0.006873597	-0.122832627	0.036125211	0.000863233
2042	1	0.045390174	0.01996347	0.008007346	0.017376912	4.24458E-05

2042	2	0.082137721	0.02823306	0.096285018	-0.042227172	-0.000153185
2042	3	-0.028746699	-0.02702458	0.061562028	-0.061667323	-0.001616825
2042	4	-0.063587529	0.006575064	0.028914853	-0.089743693	-0.009333754
2042	5	-0.204117627	-0.019526421	0.003042045	-0.140885496	-0.046747755
2042	6	-0.095459068	0.012896766	0.000132493	-0.06402595	-0.044462377
2042	7	-0.061213535	-0.009326468	0	-0.034540547	-0.01734652
2042	8	-0.030649207	-0.018452317	0	-0.013383864	0.001186975
2042	9	0.171590459	0.030550073	0	0.096702243	0.044338143
2042	10	0.159275224	-0.021754746	-0.00781742	0.134422173	0.054425217
2042	11	0.123314555	0.004132986	-0.062137556	0.162618352	0.018700773
2042	12	-0.074181056	0.004307377	-0.119454633	0.039958233	0.001007966
2043	1	0.049514803	0.020022189	0.012069635	0.017378701	4.42785E-05
2043	2	0.07510332	0.026600927	0.090973421	-0.042320805	-0.000150223
2043	3	-0.03044334	-0.027106634	0.059778504	-0.06148872	-0.001626489
2043	4	-0.068964088	0.00247342	0.027709857	-0.089824341	-0.009323023
2043	5	-0.193048597	-0.014692595	0.003269542	-0.135707479	-0.045918066
2043	6	-0.09526322	0.012131321	0.000132169	-0.063671337	-0.043855373
2043	7	-0.059158849	-0.008578717	0	-0.033500994	-0.017079138
2043	8	-0.032662128	-0.019286914	0	-0.014397671	0.001022456
2043	9	0.098175053	0.00314369	0	0.059695282	0.035336081
2043	10	0.184157116	-0.016165747	-0.007797881	0.148288595	0.05983215
2043	11	0.129213158	4.71176E-15	-0.062944106	0.171570647	0.020586617
2043	12	-0.071552634	0.006912346	-0.124045071	0.044432566	0.001147525
2044	1	-0.002266092	-0.007857645	-0.011033207	0.016579359	4.54011E-05
2044	2	0.073209432	0.014631429	0.103445073	-0.044701287	-0.000165783
2044	3	-0.032966719	-0.027189547	0.0628726	-0.066985558	-0.001664214
2044	4	-0.01751659	0.04052548	0.039989735	-0.088501458	-0.009530347
2044	5	-0.233968623	-0.030298026	0.003863546	-0.158075811	-0.049458332
2044	6	-0.119524408	0.008925548	0.000159696	-0.078037552	-0.0505721
2044	7	-0.058872591	-0.00704268	0	-0.033765769	-0.018064142
2044	8	-0.03447308	-0.017029793	0	-0.016118054	-0.001325233
2044	9	0.167507553	0.026020323	0	0.095525989	0.04596124
2044	10	0.18848253	-0.017027148	-0.00777974	0.151450458	0.061838961
2044	11	0.122371476	-0.009979265	-0.064728405	0.175394279	0.021684867
2044	12	-0.090683132	-0.006932131	-0.129975899	0.044961963	0.001262934
2045	1	0.073819161	0.043776396	0.005873315	0.024116827	5.26232E-05
2045	2	0.088987964	0.029346479	0.102665014	-0.042863685	-0.000159843
2045	3	-0.033177916	-0.027268671	0.060983162	-0.065243442	-0.001648965
2045	4	-0.069714083	0.004147708	0.033126879	-0.097362468	-0.009626202
2045	5	-0.212772789	-0.017249829	0.004163407	-0.150523064	-0.049163302
2045	6	-0.114443364	0.009768631	0.000131577	-0.074942017	-0.049401554
2045	7	-0.055333778	-0.006281349	0	-0.031823973	-0.017228456
2045	8	0.025219325	0.003106939	0	0.014734147	0.007378239
2045	9	0.105763339	0.004746946	0	0.063878562	0.037137831
2045	10	0.1835419	-0.017896854	-0.007763809	0.148633674	0.060568889
2045	11	0.134426278	0.001668575	-0.063514934	0.175353185	0.020919451
2045	12	-0.066637027	0.008692507	-0.121314144	0.044762015	0.001222595

2046	1	0.037376452	0.016691411	0.000578471	0.020057208	4.93625E-05
2046	2	0.121812881	0.0528333	0.110294922	-0.041164047	-0.000151294
2046	3	-0.000147808	-0.0034206	0.060821481	-0.055976867	-0.001571821
2046	4	-0.05416478	0.012488161	0.023366217	-0.080782097	-0.009237062
2046	5	-0.200476215	-0.025558604	0.001994648	-0.132283485	-0.044628774
2046	6	-0.080444405	0.013074475	7.59123E-05	-0.054140571	-0.039454221
2046	7	-0.054360977	-0.007882593	0	-0.030781476	-0.015696908
2046	8	-0.032272379	-0.020275003	0	-0.01390724	0.001909863
2046	9	0.107673491	0.007942334	0	0.064158402	0.035572754
2046	10	0.160760918	-0.021231311	-0.007750647	0.135344185	0.05439869
2046	11	0.106485557	-0.006699231	-0.061944163	0.157215832	0.017913119
2046	12	-0.086369402	-0.005234682	-0.119917745	0.037832061	0.000950964
2047	1	0.035871054	0.014986858	0.002169	0.018669028	4.61679E-05
2047	2	0.082634573	0.028685208	0.097825166	-0.043714128	-0.000161672
2047	3	0.002655593	-0.003433303	0.066251408	-0.058532673	-0.001629839
2047	4	-0.045084709	0.019222078	0.02577573	-0.080761034	-0.009321483
2047	5	-0.171742747	-0.008277307	0.002131864	-0.121839303	-0.043758
2047	6	-0.080197957	0.012307141	7.58274E-05	-0.053699592	-0.038881333
2047	7	-0.054472332	-0.007915428	0	-0.03083826	-0.015718644
2047	8	-0.030531926	-0.020360114	0	-0.012834216	0.002662404
2047	9	0.109195407	0.008772719	0	0.064863655	0.035559033
2047	10	0.155659385	-0.022137146	-0.007742549	0.132582211	0.052956868
2047	11	0.099390508	-0.010088612	-0.062052468	0.154108772	0.017422816
2047	12	-0.090230034	-0.007006524	-0.12137136	0.037257559	0.000890291
2048	1	0.046250387	0.02035411	0.007920104	0.017932371	4.38026E-05
2048	2	0.059648856	0.01134404	0.09440465	-0.045941741	-0.000158094
2048	3	-0.001660724	-0.003446768	0.06304514	-0.059593729	-0.001665367
2048	4	-0.032317182	0.02768965	0.027699283	-0.078593826	-0.009112288
2048	5	-0.188619344	-0.015790854	0.002641547	-0.130564643	-0.044905394
2048	6	-0.08863501	0.01153437	0.000103429	-0.059034351	-0.041238458
2048	7	-0.051328464	-0.006359252	0	-0.029356407	-0.015612805
2048	8	-0.037234928	-0.022019764	0	-0.01648754	0.001272375
2048	9	0.098426146	0.004004304	0	0.059637466	0.034784375
2048	10	0.176192669	-0.017288263	-0.007736864	0.144105074	0.057112722
2048	11	0.107127091	-0.010128953	-0.062035119	0.160728647	0.018562515
2048	12	-0.090829745	-0.00703391	-0.123511072	0.038740972	0.000974265
2049	1	0.061323506	0.028431156	0.012844946	0.019998977	4.84274E-05
2049	2	0.10267328	0.045557504	0.099017302	-0.041748448	-0.000153077
2049	3	-0.001539372	-0.003460627	0.061363101	-0.057791054	-0.001650792
2049	4	-0.054877115	0.010952523	0.022221822	-0.078987593	-0.009063867
2049	5	-0.20010985	-0.024201332	0.00237799	-0.133388545	-0.044897963
2049	6	-0.088240222	0.010755307	0.000103353	-0.058429209	-0.040669672
2049	7	-0.04879976	-0.00558797	0	-0.028035873	-0.015175918
2049	8	-0.03358006	-0.02053354	0	-0.014675353	0.001628834
2049	9	0.100342613	0.004825016	0	0.060587562	0.034930034
2049	10	0.171400616	-0.018184062	-0.007729611	0.141334441	0.055979848
2049	11	0.105069094	-0.010168307	-0.061638301	0.158701416	0.018174286

2049	12	-0.079939053	-0.001765118	-0.116401879	0.037326787	0.000901158
2050	1	-0.009733147	-0.011596828	-0.015462332	0.017279056	4.69572E-05
2050	2	0.090923153	0.030788292	0.104767783	-0.044465552	-0.00016737
2050	3	-0.034826984	-0.027798189	0.062617863	-0.067940877	-0.001705781
2050	4	-0.077665331	0.001691986	0.033959291	-0.103337071	-0.009979537
2050	5	-0.217787143	-0.01508439	0.004434209	-0.156075564	-0.051061399
2050	6	-0.123754093	0.009139229	0.000158517	-0.080732975	-0.052318864
2050	7	-0.060839008	-0.007215649	0	-0.034934151	-0.018689208
2050	8	0.029436513	0.004759063	0	0.016871137	0.007806313
2050	9	0.107732453	0.004037988	0	0.065310597	0.038383869
2050	10	0.195552132	-0.017430003	-0.007724019	0.156716861	0.063989294
2050	11	0.141660425	-0.000850819	-0.063437052	0.183507332	0.022440964
2050	12	-0.062391132	0.009747036	-0.121898079	0.048450258	0.001309653

Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2010	11					
2010	12					
2011	1					
2011	2	0.982668226	0.799825179	0.182843047	18.60679347	
2011	3	0.820010866	0.839626498	-0.019615633	-2.392118616	
2011	4	0.819430513	0.9998372	-0.180406687	-22.01610564	
2011	5	1.082504352	1.194916361	-0.112412009	-10.3844395	
2011	6	1.244949452	1.380333752	-0.135384299	-10.87468241	
2011	7	1.383582744	1.435475718	-0.051892975	-3.750623145	
2011	8	1.46425699	1.465344334	-0.001087343	-0.074259055	
2011	9	1.35769408	1.234993649	0.122700431	9.037413709	
2011	10	1.185272601	0.907307696	0.277964905	23.45155915	
2011	11	0.855184311	0.805628776	0.049555535	5.794719798	
2011	12	0.851476128	0.812180532	0.039295597	4.614996868	
2012	1	0.907910485	0.925433352	-0.017522867	-1.930021457	-0.017522867
2012	2	0.831736325	0.799761296	0.031975029	3.844370926	0.014452162
2012	3	0.829695839	0.911448804	-0.081752964	-9.853365613	-0.067300802
2012	4	0.902421008	0.904113494	-0.001692486	-0.187549506	-0.068993288
2012	5	0.949982212	1.209891734	-0.259909522	-27.35940936	-0.328902811
2012	6	1.216362681	1.238873681	-0.022511	-1.850681567	-0.351413811
2012	7	1.264863277	1.381730759	-0.116867481	-9.239534703	-0.468281292
2012	8	1.379653258	1.33383867	0.045814589	3.320732111	-0.422466703
2012	9	1.313930955	1.235918275	0.07801268	5.937350026	-0.344454023
2012	10	1.198357155	1.044874426	0.153482729	12.8077617	-0.190971295
2012	11	0.930845387	0.754326751	0.176518636	18.96326057	-0.014452658
2012	12	0.811420114	0.876784373	-0.065364259	-8.055538408	-0.079816917
2013	1	0.891585744	0.825048965	0.066536779	7.462745971	0.066536779
2013	2	0.84133132	0.816324614	0.025006706	2.97227806	0.091543485
2013	3	0.89921813	0.953053329	-0.053835199	-5.986889859	0.037708286
2013	4	0.881446295	0.921485167	-0.040038873	-4.542406383	-0.002330586
2013	5	0.950865912	1.039289762	-0.08842385	-9.299297489	-0.090754436
2013	6	1.151251952	1.294718199	-0.143466247	-12.46175933	-0.234220684
2013	7	1.271189191	1.279021546	-0.007832355	-0.616143946	-0.242053039
2013	8	1.29437395	1.405323947	-0.110949998	-8.571711254	-0.353003036
2013	9	1.361739002	1.246805329	0.114933673	8.440213053	-0.238069363
2013	10	1.192615641	1.045185529	0.147430112	12.36191332	-0.090639252
2013	11	0.9557765	0.835243279	0.120533222	12.61102589	0.02989397
2013	12	0.858249778	0.837111264	0.021138514	2.462979282	0.051032484
2014	1	0.929449375	1.074150396	-0.144701021	-15.56846714	-0.144701021
2014	2	1.020000081	0.76589414	0.254105941	24.91234515	0.10940492
2014	3	0.802247461	0.793719191	0.00852827	1.063047338	0.11793319
2014	4	0.791646235	0.887857693	-0.096211458	-12.1533399	0.021721733
2014	5	0.963347418	1.158380399	-0.195032981	-20.24534213	-0.173311248
2014	6	1.193236865	1.291468758	-0.098231893	-8.232388397	-0.271543141
2014	7	1.309034007	1.370748083	-0.061714076	-4.714474637	-0.333257218
2014	8	1.34374874	1.429956243	-0.086207503	-6.415448074	-0.41946472

2014	9	1.377374905	1.110372232	0.267002673	19.38489455	-0.152462047
2014	10	1.128222177	0.99708377	0.131138406	11.62345583	-0.021323641
2014	11	0.914200309	0.877833262	0.036367048	3.978017457	0.015043407
2014	12	0.927864823	0.897915151	0.029949672	3.227805488	0.044993079
2015	1	0.924993922	0.938516585	-0.013522662	-1.46191906	-0.013522662
2015	2	0.907377151	0.863200485	0.044176666	4.868611268	0.030654004
2015	3	0.900414494	0.900854042	-0.000439548	-0.048816174	0.030214456
2015	4	0.948326894	1.08525811	-0.136931216	-14.43924214	-0.106716761
2015	5	1.093716658	1.228569321	-0.134852664	-12.32976226	-0.241569424
2015	6	1.243600371	1.324812621	-0.08121225	-6.530413777	-0.322781674
2015	7	1.372985143	1.376781494	-0.003796351	-0.276503462	-0.326578026
2015	8	1.31504574	1.362362624	-0.047316885	-3.598117019	-0.37389491
2015	9	1.34641165	1.260640001	0.08577165	6.370388251	-0.288123261
2015	10	1.173030585	1.013280631	0.159749954	13.61856681	-0.128373307
2015	11	1.009442973	0.941405608	0.068037365	6.740090004	-0.060335942
2015	12	0.857354236	0.826485262	0.030868974	3.600492395	-0.029466968
2016	1	0.91435296	1.015577891	-0.101224931	-11.07066253	-0.101224931
2016	2	0.997088376	0.899757656	0.09733072	9.761493834	-0.00389421
2016	3	0.830148056	0.829951197	0.000196858	0.02371366	-0.003697352
2016	4	0.897379085	0.889221156	0.008157929	0.909083903	0.004460577
2016	5	0.983301272	1.197563006	-0.214261735	-21.79003943	-0.209801158
2016	6	1.216402312	1.379033302	-0.16263099	-13.36983561	-0.372432147
2016	7	1.439141669	1.526996377	-0.087854707	-6.104660116	-0.460286855
2016	8	1.425649093	1.440626294	-0.014977201	-1.050553125	-0.475264056
2016	9	1.364010544	1.219156295	0.144854249	10.61973087	-0.330409807
2016	10	1.363668068	1.143156804	0.220511263	16.17045001	-0.109898544
2016	11	0.925036928	0.759259864	0.165777064	17.92112929	0.05587852
2016	12	0.79295334	0.862953679	-0.070000339	-8.827800563	-0.014121819
2017	1	0.871043275	0.840123198	0.030920077	3.549775065	0.030920077
2017	2	0.826554742	0.686080863	0.140473879	16.99510901	0.171393956
2017	3	0.747388549	0.837211459	-0.089822911	-12.01823485	0.081571045
2017	4	0.846279255	0.949003661	-0.102724405	-12.13835795	-0.02115336
2017	5	0.99447126	1.151664896	-0.157193636	-15.80675505	-0.178346996
2017	6	1.1797868	1.234661513	-0.054874714	-4.651239831	-0.23322171
2017	7	1.324990197	1.441208116	-0.116217919	-8.771228604	-0.349439629
2017	8	1.360264462	1.380593743	-0.02032928	-1.494509401	-0.369768909
2017	9	1.370425862	1.280968113	0.089457749	6.527733544	-0.28031116
2017	10	1.161340837	1.014252065	0.147088772	12.6654267	-0.133222388
2017	11	0.96961138	0.713900408	0.255710972	26.37252175	0.122488584
2017	12	0.792033016	0.847266652	-0.055233636	-6.973653201	0.067254949
2018	1	1.022708551	1.115487368	-0.092778817	-9.071872633	-0.092778817
2018	2	0.954198836	0.772519818	0.181679018	19.03995385	0.088900201
2018	3	0.880673786	0.850948425	0.029725361	3.375297632	0.118625562
2018	4	0.823049036	0.845963294	-0.022914258	-2.784069642	0.095711304
2018	5	0.929433253	1.102829936	-0.173396683	-18.65617385	-0.077685379
2018	6	1.15709928	1.265911313	-0.108812033	-9.403863169	-0.186497412
2018	7	1.284475473	1.318190412	-0.033714939	-2.624802074	-0.220212351

2018	8	1.303563429	1.370634074	-0.067070644	-5.145176873	-0.287282995
2018	9	1.343440572	1.356961805	-0.013521233	-1.006463044	-0.300804228
2018	10	1.308593663	1.127294612	0.181299051	13.85449557	-0.119505177
2018	11	0.979326431	0.853083104	0.126243327	12.89083219	0.00673815
2018	12	0.90389155	0.921577081	-0.017685531	-1.956598771	-0.010947381
2019	1	0.902030571	0.957757915	-0.055727345	-6.177988465	-0.055727345
2019	2	0.926222544	0.748964744	0.1772578	19.13771166	0.121530455
2019	3	0.824787061	0.789299783	0.035487278	4.302598785	0.157017733
2019	4	0.806787731	0.873117902	-0.066330171	-8.221514533	0.090687563
2019	5	1.001899801	1.2406922	-0.2387924	-23.83396018	-0.148104837
2019	6	1.331249535	1.374775173	-0.043525638	-3.269532656	-0.191630475
2019	7	1.362321678	1.346502671	0.015819007	1.161179994	-0.175811468
2019	8	1.269051403	1.387520044	-0.118468641	-9.335212203	-0.29428011
2019	9	1.3626528	1.312887432	0.049765368	3.652094472	-0.244514742
2019	10	1.201465822	1.166488712	0.03497711	2.911203109	-0.209537632
2019	11	1.070592866	0.762573321	0.308019545	28.77093197	0.098481913
2019	12	0.765755579	0.780040255	-0.014284676	-1.865435459	0.084197237
2020	1	0.870075417	0.905014692	-0.034939275	-4.015660543	-0.034939275
2020	2	0.840115501	0.818761073	0.021354428	2.541844274	-0.013584847
2020	3	0.890130223	0.986718591	-0.096588368	-10.85103792	-0.110173216
2020	4	1.03097615	0.978935516	0.052040634	5.047704956	-0.058132581
2020	5	1.025381905	1.170144064	-0.144762159	-14.11787726	-0.20289474
2020	6	1.244862286	1.381920164	-0.137057878	-11.00988277	-0.339952618
2020	7	1.434977535	1.449738082	-0.014760546	-1.028625614	-0.354713165
2020	8	1.356887652	1.407387213	-0.050499561	-3.721720129	-0.405212726
2020	9	1.342127358	1.230053305	0.112074053	8.350478245	-0.293138673
2020	10	1.152161454	1.118061199	0.034100255	2.959676802	-0.259038417
2020	11	1.004530365	0.786218882	0.218311482	21.73269122	-0.040726935
2020	12	0.877531761	0.95500741	-0.077475649	-8.828814202	-0.118202584
2021	1	1.025232072	0.952216888	0.073015184	7.121820152	0.073015184
2021	2	0.900847997	0.762787255	0.138060742	15.3256423	0.211075926
2021	3	0.778752787	0.830188723	-0.051435937	-6.604912033	0.159639989
2021	4	0.844197335	0.866514576	-0.02231724	-2.643604692	0.137322749
2021	5	1.021518196	1.200481592	-0.178963395	-17.51935462	-0.041640646
2021	6	1.213605854	1.283714594	-0.07010874	-5.776895346	-0.111749386
2021	7	1.283782602	1.388667342	-0.10488474	-8.16997674	-0.216634126
2021	8	1.316257422	1.350524715	-0.034267293	-2.603388389	-0.250901419
2021	9	1.324079425	1.225044016	0.099035408	7.479567046	-0.151866011
2021	10	1.154299031	0.98862912	0.165669911	14.3524257	0.0138039
2021	11	0.851828598	0.759890562	0.091938036	10.79302056	0.105741936
2021	12	0.787453734	0.884281976	-0.096828242	-12.29637219	0.008913694
2022	1	0.983020508	0.942748676	0.040271832	4.096743789	0.040271832
2022	2	0.82529206	0.771202223	0.054089837	6.554023677	0.094361669
2022	3	0.772615824	0.797411563	-0.02479574	-3.209323283	0.069565929
2022	4	0.743156835	0.821991007	-0.078834172	-10.60801275	-0.009268243
2022	5	0.890863014	1.09072146	-0.199858446	-22.43425118	-0.209126689
2022	6	1.136718262	1.255138501	-0.11842024	-10.41773004	-0.327546929

2022	7	1.295844141	1.354627582	-0.058783441	-4.536304919	-0.38633037
2022	8	1.382352066	1.353857588	0.028494477	2.061303912	-0.357835893
2022	9	1.323208627	1.219612877	0.10359575	7.829132025	-0.254240143
2022	10	1.169256928	0.983725379	0.18553155	15.8674749	-0.068708593
2022	11	0.881987769	0.756408994	0.125578775	14.23815384	0.056870182
2022	12	0.797764006	0.877013894	-0.079249888	-9.934001487	-0.022379706
2023	1	0.974349737	0.938685322	0.035664416	3.660329978	0.035664416
2023	2	0.86809084	0.765872288	0.102218552	11.77509854	0.137882967
2023	3	0.764627332	0.790404422	-0.02577709	-3.371196577	0.112105877
2023	4	0.750101993	0.814060933	-0.06395894	-8.526699149	0.048146937
2023	5	0.871817591	1.080874879	-0.209057288	-23.97947583	-0.160910352
2023	6	1.132297728	1.24419661	-0.111898882	-9.882461029	-0.272809233
2023	7	1.288430579	1.342962276	-0.054531697	-4.232412543	-0.327340931
2023	8	1.367143104	1.342285157	0.024857948	1.818240362	-0.302482983
2023	9	1.312922957	1.209028077	0.10389488	7.913250334	-0.198588103
2023	10	1.152870054	0.974664345	0.178205709	15.45757118	-0.020382394
2023	11	0.872712865	0.749165001	0.123547863	14.15675971	0.10316547
2023	12	0.78877474	0.869608044	-0.080833303	-10.24795792	0.022332166
2024	1	0.916935112	0.931658639	-0.014723526	-1.605732642	-0.014723526
2024	2	0.872918608	0.781211683	0.091706926	10.50578194	0.076983399
2024	3	0.75938306	0.784316559	-0.024933499	-3.283388899	0.0520499
2024	4	0.732008169	0.808192861	-0.076184692	-10.40762873	-0.024134792
2024	5	0.858579817	1.074251586	-0.215671769	-25.11959453	-0.239806561
2024	6	1.167690172	1.237126782	-0.06943661	-5.946492624	-0.309243171
2024	7	1.274972033	1.335404726	-0.060432693	-4.739923033	-0.369675864
2024	8	1.362689229	1.334494815	0.028194414	2.069027462	-0.34148145
2024	9	1.312930779	1.20171315	0.111217629	8.470943833	-0.230263821
2024	10	1.142454884	0.96774565	0.174709234	15.29244056	-0.055554587
2024	11	0.87207489	0.742860349	0.129214542	14.81690884	0.073659955
2024	12	0.766827424	0.862394105	-0.09556668	-12.46260599	-0.021906726
2025	1	1.009631607	0.918633202	0.090998404	9.013030464	0.090998404
2025	2	0.841173908	0.749529559	0.091644349	10.89481592	0.182642753
2025	3	0.75046987	0.773008746	-0.022538876	-3.00330191	0.160103877
2025	4	0.720198866	0.797024666	-0.076825801	-10.66730376	0.083278077
2025	5	0.876954554	1.060620698	-0.183666144	-20.94363306	-0.100388067
2025	6	1.128651878	1.222255122	-0.093603244	-8.293367131	-0.193991311
2025	7	1.259302105	1.319689148	-0.060387043	-4.795278494	-0.254378354
2025	8	1.288452423	1.318962597	-0.030510174	-2.367970532	-0.284888528
2025	9	1.356852995	1.187569771	0.169283224	12.4761654	-0.115605304
2025	10	1.110732064	0.955529892	0.155202171	13.9729622	0.039596867
2025	11	0.847343203	0.732577368	0.114765835	13.54419726	0.154362702
2025	12	0.765437181	0.850603554	-0.085166373	-11.1265006	0.06919633
2026	1	0.959246573	0.909274538	0.049972035	5.209508844	0.049972035
2026	2	0.825504218	0.742028825	0.083475392	10.11204918	0.133447428
2026	3	0.741726886	0.765536453	-0.023809567	-3.210018092	0.10963786
2026	4	0.732877898	0.789714506	-0.056836609	-7.755263033	0.052801252
2026	5	0.856630237	1.051331323	-0.194701086	-22.7287198	-0.141899835

2026	6	1.119508085	1.211803175	-0.09229509	-8.244253984	-0.234194925
2026	7	1.250883481	1.308510612	-0.057627131	-4.606914384	-0.291822056
2026	8	1.275696241	1.30778193	-0.032085689	-2.515151153	-0.323907744
2026	9	1.27276827	1.177395713	0.095372557	7.493316702	-0.228535187
2026	10	1.124573907	0.94701185	0.177562057	15.7892741	-0.05097313
2026	11	0.844219778	0.725585864	0.118633913	14.0524916	0.067660783
2026	12	0.759730534	0.842285757	-0.082555223	-10.8663822	-0.014894441
2027	1	0.961427041	0.901239217	0.060187824	6.260259127	0.060187824
2027	2	0.847599892	0.735777312	0.11182258	13.19284969	0.172010404
2027	3	0.766811618	0.759512653	0.007298965	0.951858933	0.179309369
2027	4	0.736246871	0.78404135	-0.047794479	-6.491637619	0.13151489
2027	5	0.856886672	1.044352299	-0.187465627	-21.87752859	-0.055950737
2027	6	1.122019241	1.204210773	-0.082191532	-7.32532282	-0.138142268
2027	7	1.254916143	1.300679788	-0.045763645	-3.646749255	-0.183905914
2027	8	1.268332997	1.300245532	-0.031912535	-2.516100676	-0.215818449
2027	9	1.264666099	1.170754227	0.093911872	7.425823487	-0.121906576
2027	10	1.100045006	0.941502155	0.15854285	14.41239673	0.036636274
2027	11	0.809952846	0.720963965	0.088988881	10.98692126	0.125625156
2027	12	0.745117771	0.836628453	-0.091510682	-12.28137152	0.034114474
2028	1	0.83448366	0.896078641	-0.061594981	-7.381208762	-0.061594981
2028	2	0.88188862	0.751827482	0.130061139	14.74802326	0.068466158
2028	3	0.728341988	0.755861135	-0.027519147	-3.778327689	0.040947011
2028	4	0.740824484	0.780749855	-0.03992537	-5.389315706	0.001021641
2028	5	0.846663602	1.040315454	-0.193651852	-22.87234884	-0.192630212
2028	6	1.090721766	1.199702816	-0.10898105	-9.991645333	-0.301611262
2028	7	1.302151185	1.295898879	0.006252307	0.480152121	-0.295358956
2028	8	1.260708283	1.295525117	-0.034816834	-2.761688338	-0.330175789
2028	9	1.329373796	1.166548669	0.162825127	12.24825759	-0.167350663
2028	10	1.094703327	0.937966267	0.15673706	14.31776597	-0.010613602
2028	11	0.810921604	0.71783703	0.093084574	11.47886223	0.082470972
2028	12	0.736983017	0.832542639	-0.095559622	-12.96632617	-0.01308865
2029	1	0.927999517	0.892114577	0.035884939	3.866913568	0.035884939
2029	2	0.858180395	0.728822718	0.129357677	15.07348308	0.165242616
2029	3	0.75998035	0.753191	0.00678935	0.893358623	0.172031966
2029	4	0.730153008	0.778517303	-0.048364295	-6.623857591	0.12366767
2029	5	0.847533707	1.037755696	-0.19022199	-22.44417986	-0.066554319
2029	6	1.121039983	1.196998908	-0.075958925	-6.775755186	-0.142513244
2029	7	1.241511507	1.293150779	-0.051639272	-4.159387333	-0.194152516
2029	8	1.261935963	1.292863757	-0.030927794	-2.450821231	-0.225080311
2029	9	1.266341674	1.164185063	0.102156611	8.067065394	-0.1229237
2029	10	1.086863279	0.935876574	0.150986705	13.89196858	0.028063005
2029	11	0.809372152	0.715772171	0.093599981	11.5645171	0.121662986
2029	12	0.733841751	0.829591899	-0.095750147	-13.04779225	0.025912839
2030	1	0.922840319	0.88846821	0.034372109	3.724599837	0.034372109
2030	2	0.815893606	0.72602414	0.089869466	11.01485108	0.124241575
2030	3	0.76082756	0.750654082	0.010173478	1.337159474	0.134415053
2030	4	0.737361194	0.776365555	-0.039004361	-5.289722469	0.095410692

2030	5	0.873786175	1.035250491	-0.161464316	-18.47869889	-0.066053624
2030	6	1.11908738	1.194282411	-0.075195031	-6.719317207	-0.141248655
2030	7	1.238879327	1.29024262	-0.051363293	-4.145948035	-0.192611948
2030	8	1.260830913	1.289885571	-0.029054659	-2.304405657	-0.221666607
2030	9	1.264150049	1.161317213	0.102832836	8.134543514	-0.118833771
2030	10	1.078174127	0.933158994	0.145015133	13.45006613	0.026181362
2030	11	0.79901106	0.713039795	0.085971265	10.75970904	0.112152627
2030	12	0.726681041	0.825845009	-0.099163968	-13.64614774	0.012988658
2031	1	0.92997454	0.885309096	0.044665443	4.802867333	0.044665443
2031	2	0.81073573	0.723750033	0.086985697	10.72922953	0.131651141
2031	3	0.725487927	0.748812058	-0.023324131	-3.214957863	0.10832701
2031	4	0.707920888	0.775020608	-0.06709972	-9.478420684	0.04122729
2031	5	0.844958393	1.033834345	-0.188875952	-22.35328434	-0.147648662
2031	6	1.100881976	1.192831565	-0.091949589	-8.352356692	-0.239598252
2031	7	1.229657068	1.288780484	-0.059123416	-4.808122357	-0.298721668
2031	8	1.258721471	1.288437561	-0.029716091	-2.360815414	-0.328437759
2031	9	1.325744681	1.159970497	0.165774184	12.50423149	-0.162663575
2031	10	1.084615465	0.931809861	0.152805605	14.08845896	-0.00985797
2031	11	0.825641504	0.711427052	0.114214452	13.83341945	0.104356482
2031	12	0.742636087	0.823294014	-0.080657927	-10.86102982	0.023698555
2032	1	0.931751231	0.882985763	0.048765468	5.233743346	0.048765468
2032	2	0.801749851	0.741959214	0.059790637	7.457517721	0.108556105
2032	3	0.718760518	0.747747722	-0.028987203	-4.032943199	0.079568902
2032	4	0.70931247	0.774526281	-0.065213811	-9.193946832	0.01435509
2032	5	0.838887528	1.033546252	-0.194658724	-23.20438887	-0.180303634
2032	6	1.085686577	1.192709362	-0.107022786	-9.85761342	-0.287326419
2032	7	1.233675766	1.288794075	-0.055118309	-4.467811621	-0.342444729
2032	8	1.259544503	1.288522623	-0.02897812	-2.300682529	-0.371422849
2032	9	1.257996771	1.160025921	0.097970849	7.787845854	-0.273452
2032	10	1.115801498	0.931645367	0.184156131	16.50438102	-0.089295869
2032	11	0.826842163	0.710748291	0.116093872	14.04063283	0.026798003
2032	12	0.722049623	0.82179748	-0.099747857	-13.81454319	-0.072949854
2033	1	0.949995936	0.881432439	0.068563498	7.217241156	0.068563498
2033	2	0.818592127	0.721285989	0.097306138	11.88701122	0.165869636
2033	3	0.721997922	0.747416773	-0.02541885	-3.520626504	0.140450786
2033	4	0.697871202	0.774808085	-0.076936883	-11.02451032	0.063513903
2033	5	0.84208425	1.034275086	-0.192190837	-22.82323136	-0.128676934
2033	6	1.079391408	1.193698985	-0.114307577	-10.5900025	-0.242984511
2033	7	1.23354819	1.289959857	-0.056411667	-4.573122295	-0.299396178
2033	8	1.317012057	1.289696657	0.0273154	2.074043275	-0.272080778
2033	9	1.260768753	1.1610248	0.099743953	7.911359843	-0.172336825
2033	10	1.111842155	0.932194397	0.179647758	16.15766741	0.007310932
2033	11	0.834049953	0.710547863	0.123502091	14.80751725	0.130813023
2033	12	0.748824291	0.820782582	-0.071958291	-9.609502818	0.058854732
2034	1	0.91540081	0.881181928	0.034218882	3.73813104	0.034218882
2034	2	0.815098767	0.721552252	0.093546515	11.47670913	0.127765396
2034	3	0.721222603	0.748410452	-0.027187849	-3.769688928	0.100577548

2034	4	0.712623378	0.776481909	-0.063858531	-8.961049123	0.036719017
2034	5	0.833683098	1.036679556	-0.202996458	-24.34935512	-0.166277441
2034	6	1.087356352	1.196488235	-0.109131883	-10.0364414	-0.275409324
2034	7	1.240109423	1.292994844	-0.052885422	-4.264577027	-0.328294746
2034	8	1.316810057	1.292704743	0.024105314	1.830583962	-0.304189432
2034	9	1.26476504	1.163750808	0.101014232	7.986798271	-0.2031752
2034	10	1.108721195	0.934337572	0.174383622	15.72835652	-0.028791578
2034	11	0.835020832	0.711728326	0.123292506	14.76520119	0.094500928
2034	12	0.748075874	0.821233705	-0.073157831	-9.779466639	0.021343098
2035	1	0.917447534	0.881531422	0.035916111	3.914786421	0.035916111
2035	2	0.847924795	0.722276364	0.125648431	14.81834615	0.161564543
2035	3	0.754511294	0.749849269	0.004662025	0.617886683	0.166226567
2035	4	0.729046568	0.778595887	-0.049549319	-6.796454609	0.116677248
2035	5	0.848559048	1.039678786	-0.191119738	-22.52285664	-0.07444249
2035	6	1.123537373	1.199986634	-0.07644926	-6.804336206	-0.15089175
2035	7	1.244961531	1.296821209	-0.051859678	-4.16556469	-0.202751428
2035	8	1.265545712	1.296505773	-0.030960061	-2.446380294	-0.233711489
2035	9	1.269695927	1.16707011	0.102625817	8.082708226	-0.131085672
2035	10	1.088980783	0.936808875	0.152171908	13.97379186	0.021086236
2035	11	0.809372917	0.713027014	0.096345903	11.90377158	0.11743214
2035	12	0.729873731	0.82174973	-0.091876	-12.58793073	0.02555614
2036	1	0.916610859	0.882081242	0.034529617	3.767096624	0.034529617
2036	2	0.809995593	0.74311503	0.066880563	8.256904524	0.101410179
2036	3	0.729287725	0.751524669	-0.022236943	-3.049131722	0.079173236
2036	4	0.737309982	0.780969673	-0.043659691	-5.921483814	0.035513545
2036	5	0.807489271	1.043026616	-0.235537345	-29.16909895	-0.2000238
2036	6	1.09960604	1.203912951	-0.104306911	-9.485843804	-0.304330711
2036	7	1.236991442	1.301159715	-0.064168274	-5.187446843	-0.368498985
2036	8	1.330116633	1.300939482	0.029177151	2.193578386	-0.339321834
2036	9	1.338593407	1.171115506	0.167477901	12.5114841	-0.171843932
2036	10	1.094763188	0.939960711	0.154802477	14.14027057	-0.017041456
2036	11	0.827672156	0.714867741	0.112804415	13.62911802	0.095762959
2036	12	0.750064309	0.822856813	-0.072792504	-9.704835119	0.022970455
2037	1	0.932093151	0.883118508	0.048974643	5.254264869	0.048974643
2037	2	0.801979563	0.72453678	0.077442784	9.656453541	0.126417427
2037	3	0.726426039	0.753692512	-0.027266473	-3.753509843	0.099150954
2037	4	0.709829451	0.78397234	-0.074142889	-10.44516944	0.025008065
2037	5	0.86731126	1.047317343	-0.180006083	-20.75449628	-0.154998018
2037	6	1.116187189	1.208951829	-0.09276464	-8.310849759	-0.247762658
2037	7	1.248971478	1.306686262	-0.057714784	-4.620984911	-0.305477442
2037	8	1.274500652	1.306455107	-0.031954455	-2.507213688	-0.337431897
2037	9	1.271734069	1.176016619	0.09571745	7.526530307	-0.241714447
2037	10	1.122728223	0.943683976	0.179044247	15.94724737	-0.0626702
2037	11	0.840209756	0.717033392	0.123176364	14.66019204	0.060506164
2037	12	0.749124729	0.824273114	-0.075148384	-10.0314916	-0.01464222
2038	1	0.943989187	0.884324749	0.059664438	6.320457766	0.059664438
2038	2	0.831841268	0.726022048	0.10581922	12.72108323	0.165483658

2038	3	0.759216734	0.755990903	0.003225831	0.424889338	0.168709489
2038	4	0.736980276	0.787036439	-0.050056163	-6.792062769	0.118653326
2038	5	0.861840786	1.051578679	-0.189737892	-22.01542272	-0.071084566
2038	6	1.130511929	1.213890778	-0.08337885	-7.375318007	-0.154463416
2038	7	1.265747119	1.312039805	-0.046292686	-3.657340817	-0.200756102
2038	8	1.279667507	1.311771257	-0.03210375	-2.508757152	-0.232859852
2038	9	1.275795059	1.180717743	0.095077315	7.452397216	-0.137782537
2038	10	1.108624896	0.947276359	0.161348537	14.55393411	0.023566
2038	11	0.81362185	0.719122299	0.094499552	11.61467723	0.118065552
2038	12	0.740882116	0.825583103	-0.084700987	-11.43245133	0.033364564
2039	1	0.87460854	0.885240273	-0.010631733	-1.21559902	-0.010631733
2039	2	0.821862362	0.727255958	0.094606404	11.51122239	0.083974671
2039	3	0.729328223	0.758037298	-0.028709075	-3.936372445	0.055265596
2039	4	0.719046864	0.789844401	-0.070797538	-9.846025533	-0.015531942
2039	5	0.849716666	1.055521881	-0.205805215	-24.2204517	-0.221337156
2039	6	1.10168743	1.218492282	-0.116804852	-10.60235865	-0.338142009
2039	7	1.259448616	1.317067177	-0.057618561	-4.574903667	-0.39576057
2039	8	1.344700395	1.316803477	0.027896918	2.074582389	-0.367863652
2039	9	1.287097679	1.185220031	0.101877648	7.915300412	-0.265986004
2039	10	1.134613426	0.95074238	0.183871046	16.20561168	-0.082114958
2039	11	0.85015019	0.721158702	0.128991488	15.1727882	0.046876529
2039	12	0.758833017	0.82686985	-0.068036833	-8.965982178	-0.021160304
2040	1	0.923975183	0.885237732	0.038737451	4.192477417	0.038737451
2040	2	0.814936195	0.747858777	0.067077418	8.231002393	0.105814869
2040	3	0.726472401	0.759241459	-0.032769058	-4.510709309	0.07304581
2040	4	0.714159758	0.791873239	-0.077713481	-10.88180622	-0.004667671
2040	5	0.850880996	1.058727247	-0.207846251	-24.42718222	-0.212513922
2040	6	1.10289693	1.22243403	-0.1195371	-10.83846521	-0.332051022
2040	7	1.262495649	1.32143475	-0.058939101	-4.668459714	-0.390990123
2040	8	1.346737248	1.32116685	0.025570398	1.898692447	-0.365419724
2040	9	1.295598186	1.189038893	0.106559293	8.224717674	-0.258860431
2040	10	1.13960021	0.953475124	0.186125086	16.33248962	-0.072735345
2040	11	0.855290801	0.722448976	0.132841825	15.53177293	0.06010648
2040	12	0.763044038	0.827401758	-0.064357719	-8.434338803	-0.00425124
2041	1	0.95990655	0.885568639	0.074337911	7.744286209	0.074337911
2041	2	0.813102465	0.728439464	0.084663001	10.41234095	0.159000911
2041	3	0.766097281	0.760745678	0.005351603	0.698553937	0.164352514
2041	4	0.751785832	0.794227518	-0.042441686	-5.645449031	0.121910828
2041	5	0.895776428	1.062368319	-0.166591891	-18.59748548	-0.044681063
2041	6	1.149234012	1.226905551	-0.077671538	-6.758548518	-0.122352601
2041	7	1.273505527	1.326409383	-0.052903856	-4.154191326	-0.175256457
2041	8	1.296381395	1.326172944	-0.029791549	-2.298054384	-0.205048007
2041	9	1.299450911	1.193470365	0.105980546	8.155794491	-0.099067461
2041	10	1.107121325	0.956724467	0.150396858	13.58449651	0.051329397
2041	11	0.81778401	0.724149974	0.093634036	11.44972694	0.144963433
2041	12	0.735661387	0.828379166	-0.092717779	-12.60332277	0.052245654
2042	1	0.931673744	0.88628357	0.045390174	4.871895751	0.045390174

2042	2	0.811619746	0.729482025	0.082137721	10.12022209	0.127527894
2042	3	0.733830865	0.762577564	-0.028746699	-3.917346676	0.098781195
2042	4	0.73332916	0.79691669	-0.063587529	-8.671076085	0.035193666
2042	5	0.862326748	1.066444375	-0.204117627	-23.6705666	-0.168923961
2042	6	1.136417435	1.231876503	-0.095459068	-8.400000336	-0.26438303
2042	7	1.27069314	1.331906674	-0.061213535	-4.817334162	-0.325596564
2042	8	1.301032291	1.331681497	-0.030649207	-2.355760666	-0.356245771
2042	9	1.369920162	1.198329702	0.171590459	12.52558098	-0.184655312
2042	10	1.119575836	0.960300612	0.159275224	14.22638997	-0.025380088
2042	11	0.849383234	0.726068679	0.123314555	14.51812917	0.097934467
2042	12	0.755404809	0.829585865	-0.074181056	-9.820040242	0.023753411
2043	1	0.93685577	0.887340967	0.049514803	5.285210886	0.049514803
2043	2	0.805878805	0.730775486	0.07510332	9.319431055	0.124618123
2043	3	0.734199128	0.764642467	-0.03044334	-4.14646906	0.094174783
2043	4	0.730857083	0.79982117	-0.068964088	-9.436056547	0.025210696
2043	5	0.877707328	1.070755925	-0.193048597	-21.99464341	-0.167837902
2043	6	1.14177992	1.237043141	-0.09526322	-8.343396	-0.263101122
2043	7	1.278418414	1.337577263	-0.059158849	-4.627502889	-0.322259971
2043	8	1.304663978	1.337326106	-0.032662128	-2.503489701	-0.354922099
2043	9	1.301463242	1.203288189	0.098175053	7.543436466	-0.256747046
2043	10	1.148143004	0.963985888	0.184157116	16.03956263	-0.07258993
2043	11	0.857353318	0.72814016	0.129213158	15.07116789	0.056623228
2043	12	0.759469242	0.831021877	-0.071552634	-9.421399845	-0.014929406
2044	1	0.886187728	0.88845382	-0.002266092	-0.255712408	-0.002266092
2044	2	0.825722493	0.752513061	0.073209432	8.866106073	0.07094334
2044	3	0.733816591	0.76678331	-0.032966719	-4.492501173	0.037976621
2044	4	0.785267357	0.802783946	-0.01751659	-2.230652966	0.020460032
2044	5	0.841178084	1.075146707	-0.233968623	-27.81439837	-0.213508592
2044	6	1.122801687	1.242326096	-0.119524408	-10.64519315	-0.333033
2044	7	1.284524557	1.343397148	-0.058872591	-4.583220343	-0.391905591
2044	8	1.308673114	1.343146194	-0.03447308	-2.634200979	-0.426378671
2044	9	1.375913536	1.208405983	0.167507553	12.17427899	-0.258871118
2044	10	1.156231828	0.967749298	0.18848253	16.30144802	-0.070388588
2044	11	0.852590136	0.73021866	0.122371476	14.3529078	0.051982888
2044	12	0.741742945	0.832426078	-0.090683132	-12.2256818	-0.038700244
2045	1	0.963327716	0.889508555	0.073819161	7.662933364	0.073819161
2045	2	0.82242447	0.733436506	0.088987964	10.820199	0.162807125
2045	3	0.735660428	0.768838344	-0.033177916	-4.509949816	0.129629209
2045	4	0.735976721	0.805690804	-0.069714083	-9.472321783	0.059915126
2045	5	0.866748023	1.079520811	-0.212772789	-24.54840197	-0.152857663
2045	6	1.133217174	1.247660538	-0.114443364	-10.09897893	-0.267301026
2045	7	1.293999129	1.349332907	-0.055333778	-4.276183575	-0.322634805
2045	8	1.374363031	1.349143706	0.025219325	1.834982781	-0.29741548
2045	9	1.319502707	1.213739368	0.105763339	8.01539387	-0.191652141
2045	10	1.155274926	0.971733026	0.1835419	15.88729193	-0.008110241
2045	11	0.866921954	0.732495676	0.134426278	15.50615684	0.126316037
2045	12	0.767469356	0.834106383	-0.066637027	-8.682695489	0.05967901

2046	1	0.92843743	0.891060978	0.037376452	4.025737297	0.037376452
2046	2	0.856971359	0.735158478	0.121812881	14.21434681	0.159189333
2046	3	0.771201052	0.77134886	-0.000147808	-0.019165907	0.159041525
2046	4	0.754890556	0.809055336	-0.05416478	-7.17518317	0.104876745
2046	5	0.883999299	1.084475514	-0.200476215	-22.67832286	-0.09559947
2046	6	1.173171186	1.25361559	-0.080444405	-6.857004842	-0.176043875
2046	7	1.301561631	1.355922608	-0.054360977	-4.176596482	-0.230404852
2046	8	1.323487034	1.355759413	-0.032272379	-2.43843558	-0.262677231
2046	9	1.327284545	1.219611055	0.107673491	8.11231407	-0.15500374
2046	10	1.136917288	0.976156371	0.160760918	14.14007151	0.005757177
2046	11	0.841613611	0.735128054	0.106485557	12.65254697	0.112242735
2046	12	0.749838366	0.836207768	-0.086369402	-11.51840268	0.025873332
2047	1	0.928697639	0.892826586	0.035871054	3.86251156	0.035871054
2047	2	0.819702388	0.737067814	0.082634573	10.08104584	0.118505627
2047	3	0.776732993	0.7740774	0.002655593	0.341892639	0.12116122
2047	4	0.767605317	0.812690026	-0.045084709	-5.873423219	0.076076511
2047	5	0.918110532	1.089853279	-0.171742747	-18.70610795	-0.095666236
2047	6	1.179906763	1.26010472	-0.080197957	-6.796974117	-0.175864193
2047	7	1.308602171	1.363074503	-0.054472332	-4.162635016	-0.230336525
2047	8	1.332426322	1.362958248	-0.030531926	-2.291453256	-0.260868452
2047	9	1.335200138	1.226004731	0.109195407	8.178205187	-0.151673045
2047	10	1.136613381	0.980953996	0.155659385	13.69501607	0.00398634
2047	11	0.837386379	0.737995872	0.099390508	11.86913354	0.103376848
2047	12	0.748323557	0.838553591	-0.090230034	-12.05762303	0.013146814
2048	1	0.941186382	0.894935995	0.046250387	4.914051907	0.046250387
2048	2	0.819510666	0.759861811	0.059648856	7.278594167	0.105899243
2048	3	0.775337036	0.776997759	-0.001660724	-0.214193777	0.104238519
2048	4	0.784160478	0.81647766	-0.032317182	-4.121245938	0.071921337
2048	5	0.906784663	1.095404007	-0.188619344	-20.80089701	-0.116698006
2048	6	1.178135779	1.266770789	-0.08863501	-7.523327216	-0.205333016
2048	7	1.319089599	1.370418063	-0.051328464	-3.891203777	-0.256661481
2048	8	1.333089686	1.370324614	-0.037234928	-2.793130029	-0.293896409
2048	9	1.330951948	1.232525803	0.098426146	7.395168983	-0.195470263
2048	10	1.162031801	0.985839132	0.176192669	15.16246536	-0.019277594
2048	11	0.848051161	0.74092407	0.107127091	12.63214958	0.087849497
2048	12	0.750155206	0.840984951	-0.090829745	-12.10812699	-0.002980248
2049	1	0.958520892	0.897197386	0.061323506	6.397722458	0.061323506
2049	2	0.844134352	0.741461071	0.10267328	12.16314441	0.163996787
2049	3	0.77846719	0.780006562	-0.001539372	-0.19774399	0.162457414
2049	4	0.765456532	0.820333647	-0.054877115	-7.169200639	0.1075803
2049	5	0.900905233	1.101015084	-0.20010985	-22.21208656	-0.09252955
2049	6	1.185230397	1.273470618	-0.088240222	-7.444984691	-0.180769772
2049	7	1.328950719	1.377750479	-0.04879976	-3.67205191	-0.229569532
2049	8	1.344065831	1.37764589	-0.03358006	-2.498393958	-0.263149592
2049	9	1.339309003	1.238966391	0.100342613	7.492118119	-0.162806979
2049	10	1.162034054	0.990633439	0.171400616	14.75005101	0.008593637
2049	11	0.848846792	0.743777698	0.105069094	12.37786316	0.113662731

2049	12	0.763390843	0.843329896	-0.079939053	-10.47157608	0.033723678
2050	1	0.889733918	0.899467065	-0.009733147	-1.093939106	-0.009733147
2050	2	0.834644109	0.743720955	0.090923153	10.89364348	0.081190006
2050	3	0.748196119	0.783023103	-0.034826984	-4.654793447	0.046363022
2050	4	0.746510948	0.824176279	-0.077665331	-10.4037765	-0.031302308
2050	5	0.888773144	1.106560288	-0.217787143	-24.50424437	-0.249089452
2050	6	1.156321625	1.280075717	-0.123754093	-10.7023937	-0.372843544
2050	7	1.324170929	1.385009937	-0.060839008	-4.594498081	-0.433682552
2050	8	1.414345348	1.384908835	0.029436513	2.081281857	-0.404246039
2050	9	1.353130053	1.2453976	0.107732453	7.961722012	-0.296513586
2050	10	1.191039988	0.995487856	0.195552132	16.41860339	-0.100961454
2050	11	0.888392338	0.746731913	0.141660425	15.94570539	0.040698971
2050	12	0.78342655	0.845817682	-0.062391132	-7.963877678	-0.021692161

Year	Month	Difference	XOther_C	XHeat1_C	XCool1_C	XCool2_C
2010	11					
2010	12					
2011	1					
2011	2	0.182843047	0.037190341	0.197537347	-0.051884641	0
2011	3	-0.019615633	-0.033326593	0.078567681	-0.064271051	-0.000585669
2011	4	-0.180406687	-0.012075752	0.026357362	-0.168477036	-0.026211262
2011	5	-0.112412009	-0.00393138	9.33919E-05	-0.072552864	-0.036021157
2011	6	-0.135384299	0.010572225	0	-0.093127641	-0.052828883
2011	7	-0.051892975	-0.008331796	0	-0.028557957	-0.015003222
2011	8	-0.001087343	0.005523879	0	-0.002350023	-0.004261199
2011	9	0.122700431	0.004715838	0	0.073271471	0.044713122
2011	10	0.277964905	-0.020584835	-0.013312254	0.22819138	0.083670613
2011	11	0.049555535	-0.001015049	-0.024573278	0.069413688	0.005730174
2011	12	0.039295597	0.011614489	-0.036824629	0.063832761	0.000672975
2012	1	-0.017522867	0.023450134	-0.069616612	0.02864361	0
2012	2	0.031975029	0.01257968	0.078676168	-0.059280818	0
2012	3	-0.081752964	-0.032971577	0.065416434	-0.114144861	-5.296E-05
2012	4	-0.001692486	0.004992451	-3.98449E-05	-0.001684838	-0.004960255
2012	5	-0.259909522	-0.020526601	0.003549704	-0.18430817	-0.058624456
2012	6	-0.022511	0.011482455	0	-0.018481296	-0.015512159
2012	7	-0.116867481	-0.00830004	0	-0.06815256	-0.040414881
2012	8	0.045814589	0.004589877	0	0.026518116	0.014706596
2012	9	0.07801268	0.005658866	0	0.04571083	0.026642984
2012	10	0.153482729	-0.021622279	-0.022716192	0.139498297	0.058322902
2012	11	0.176518636	-0.003060103	-0.07624884	0.235399405	0.020428174
2012	12	-0.065364259	0.015938105	-0.065251891	-0.016229723	0.00017925
2013	1	0.066536779	0.018978065	0.063085293	-0.015526579	0
2013	2	0.025006706	0.035270923	0.002924298	-0.013188515	0
2013	3	-0.053835199	-0.032667395	-0.051580213	0.030412409	0
2013	4	-0.040038873	0.012874478	0.152404781	-0.192716817	-0.012601315
2013	5	-0.08842385	-0.000970272	0.003947957	-0.067971038	-0.023430497
2013	6	-0.143466247	0.01519839	0	-0.099942933	-0.058721705
2013	7	-0.007832355	-0.010953756	0	-0.000891907	0.004013308
2013	8	-0.110949998	-0.021721056	0	-0.060080799	-0.029148143
2013	9	0.114933673	0.008329248	0	0.067323755	0.03928067
2013	10	0.147430112	-0.024026883	0	0.119505429	0.051951566
2013	11	0.120533222	0.000995498	-0.047027037	0.139075178	0.027489583
2013	12	0.021138514	0.001035868	-0.031909238	0.051387458	0.000624426
2014	1	-0.144701021	0.028912095	-0.246665887	0.073052772	0
2014	2	0.254105941	0.06307647	0.224907986	-0.033878515	0
2014	3	0.00852827	-0.03204154	0.054023564	-0.013453753	0
2014	4	-0.096211458	-0.005827662	0.049889829	-0.127665934	-0.012607691
2014	5	-0.195032981	-0.009533623	0.002138435	-0.144966643	-0.04267115
2014	6	-0.098231893	0.014986683	0	-0.068915857	-0.044302719
2014	7	-0.061714076	-0.010845728	0	-0.033754604	-0.017113744
2014	8	-0.086207503	-0.02158674	0	-0.045086854	-0.019533909

2014	9	0.267002673	0.0359579	0	0.150540601	0.080504171
2014	10	0.131138406	-0.02587619	0	0.114861715	0.042152881
2014	11	0.036367048	0.004966369	-0.143451945	0.161666521	0.013186104
2014	12	0.029949672	0.005183213	0.020811351	0.002776697	0.00117841
2015	1	-0.013522662	0.023730403	-0.079696955	0.04244389	0
2015	2	0.044176666	0.031543229	0.00437224	0.008261198	0
2015	3	-0.000439548	-0.032043673	0.176521933	-0.142547645	-0.002370164
2015	4	-0.136931216	-0.003881471	0.026073974	-0.130581747	-0.028541973
2015	5	-0.134852664	-0.010492349	0.002420678	-0.084467875	-0.042313118
2015	6	-0.08121225	0.014046968	0	-0.055029799	-0.040229419
2015	7	-0.003796351	-0.009930622	0	0.001189917	0.004944354
2015	8	-0.047316885	-0.02244874	0	-0.021148024	-0.003720121
2015	9	0.08577165	0.003681476	0	0.05116749	0.030922683
2015	10	0.159749954	-0.019121969	0	0.11310469	0.065767233
2015	11	0.068037365	5.69794E-15	-0.017325949	0.081620526	0.003742788
2015	12	0.030868974	0.008261341	-0.004229531	0.015826712	0.011010452
2016	1	-0.101224931	-0.008962939	-0.267600649	0.173967218	0.00137144
2016	2	0.09733072	0.016694564	0.091401317	-0.010914024	0.000148864
2016	3	0.000196858	-0.030950201	0.169113532	-0.135727011	-0.002239462
2016	4	0.008157929	0.035821136	0.033979105	-0.057139857	-0.004502455
2016	5	-0.214261735	-0.024099364	0.000188811	-0.142061057	-0.048290125
2016	6	-0.16263099	0.010040565	0	-0.106922518	-0.065749036
2016	7	-0.087854707	-0.00789363	0	-0.050758641	-0.029202436
2016	8	-0.014977201	-0.019136392	0	-0.002793785	0.006952977
2016	9	0.144854249	0.029331971	0	0.078898578	0.036623699
2016	10	0.220511263	-0.01931604	0	0.158862072	0.080965231
2016	11	0.165777064	-0.011393664	-0.043928143	0.196025689	0.025073183
2016	12	-0.070000339	-0.007903153	-0.032056916	-0.030178634	0.000138364
2017	1	0.030920077	0.048387514	-0.077501239	0.059956922	7.68804E-05
2017	2	0.140473879	0.032436717	0.120947149	-0.012909986	0
2017	3	-0.089822911	-0.030092452	-0.013638018	-0.046092441	0
2017	4	-0.102724405	-0.001827009	0.048134472	-0.132984577	-0.016047292
2017	5	-0.157193636	-0.012601711	0.000606842	-0.10523784	-0.039960927
2017	6	-0.054874714	0.010669255	0	-0.040909745	-0.024634224
2017	7	-0.116217919	-0.006853739	0	-0.068467589	-0.040896591
2017	8	-0.02032928	0.003399814	0	-0.013244727	-0.010484367
2017	9	0.089457749	0.005215962	0	0.053010027	0.03123176
2017	10	0.147088772	-0.019789342	-0.039142232	0.152402104	0.053618242
2017	11	0.255710972	0.00185667	0.018323273	0.187580672	0.047950357
2017	12	-0.055233636	0.009665568	-0.104548954	0.039649751	0
2018	1	-0.092778817	0.017983959	-0.142158763	0.031395987	0
2018	2	0.181679018	0.057035615	0.265330523	-0.139508186	-0.001178934
2018	3	0.029725361	-0.003687221	-0.061167811	0.093400548	0.001179846
2018	4	-0.022914258	0.013434064	0.066896962	-0.10091054	-0.002334744
2018	5	-0.173396683	-0.027390211	0.001965503	-0.118782036	-0.029189939
2018	6	-0.108812033	0.013996063	0	-0.071373664	-0.051434431
2018	7	-0.033714939	-0.008447432	0	-0.017745369	-0.007522138

2018	8	-0.067070644	-0.021798708	0	-0.034006206	-0.01126573
2018	9	-0.013521233	0.008568819	0	-0.01071391	-0.011376141
2018	10	0.181299051	-0.023045556	0	0.133664347	0.07068026
2018	11	0.126243327	-0.007317439	-0.091735271	0.18486666	0.040429377
2018	12	-0.017685531	-0.005708559	-0.06551166	0.050685981	0.002848708
2019	1	-0.055727345	0.016016627	-0.116040764	0.044045919	0.000250873
2019	2	0.1772578	0.030765967	0.254703508	-0.106285999	-0.001925676
2019	3	0.035487278	-0.003680288	-0.012800111	0.050039113	0.001928563
2019	4	-0.066330171	0.02056852	0.037403561	-0.114989145	-0.009313107
2019	5	-0.2387924	-0.008836274	0	-0.165459616	-0.06449651
2019	6	-0.043525638	0.013126998	0	-0.030747113	-0.025905523
2019	7	0.015819007	-0.008439635	0	0.012382726	0.011875915
2019	8	-0.118468641	-0.021762765	0	-0.065456661	-0.031249216
2019	9	0.049765368	0.009407372	0	0.027645449	0.012712547
2019	10	0.03497711	-0.023850317	0	0.02924801	0.029579417
2019	11	0.308019545	-0.010908776	-0.060372669	0.305963791	0.073337199
2019	12	-0.014284676	-0.007544176	0.00677369	-0.017871512	0.004357322
2020	1	-0.034939275	0.021548759	-0.090308155	0.033820122	0
2020	2	0.021354428	0.012047968	0.043200111	-0.032680998	-0.001212653
2020	3	-0.096588368	-0.003672283	0.094678785	-0.165683878	-0.021910993
2020	4	0.052040634	0.029794939	0.010315343	0.015852672	-0.00392232
2020	5	-0.144762159	-0.017377252	0	-0.092662917	-0.03472199
2020	6	-0.137057878	0.012422393	0	-0.089280496	-0.060199776
2020	7	-0.014760546	-0.006783632	0	-0.006752923	-0.001223992
2020	8	-0.050499561	-0.023190102	0	-0.023719932	-0.003589527
2020	9	0.112074053	0.004163118	0	0.069523743	0.038387192
2020	10	0.034100255	-0.017870948	0	0.027849408	0.024121795
2020	11	0.218311482	-0.01053072	-0.001455027	0.177549578	0.052747651
2020	12	-0.077475649	-0.007425411	-0.232472081	0.155718796	0.006703047
2021	1	0.073015184	0.030184637	0.046771379	-0.003940831	0
2021	2	0.138060742	0.048815996	0.150609301	-0.061047483	-0.000317072
2021	3	-0.051435937	-0.003667611	0.018432915	-0.059116845	-0.007084396
2021	4	-0.02231724	0.011355206	0.024857977	-0.054389147	-0.004141275
2021	5	-0.178963395	-0.025136519	0.003863514	-0.120108429	-0.037581961
2021	6	-0.07010874	0.011100803	0	-0.046823485	-0.034386057
2021	7	-0.10488474	-0.005774222	0	-0.061997842	-0.037112676
2021	8	-0.034267293	-0.021411335	0	-0.014461001	0.001605042
2021	9	0.099035408	0.005026837	0	0.059630375	0.034378196
2021	10	0.165669911	-0.018900425	-0.008838186	0.138536775	0.054871746
2021	11	0.091938036	-0.010542719	-0.070193925	0.154932056	0.017742624
2021	12	-0.096828242	-0.00182814	-0.132226506	0.036348856	0.000877548
2022	1	0.040271832	0.017272818	0.003918563	0.019033561	4.689E-05
2022	2	0.054089837	0.002688571	0.096785747	-0.045221605	-0.000162877
2022	3	-0.02479574	-0.02831053	0.07062362	-0.065465205	-0.001643625
2022	4	-0.078834172	-0.004299568	0.038254555	-0.103077553	-0.009711606
2022	5	-0.199858446	-0.009345054	0.005019246	-0.146530385	-0.049002253
2022	6	-0.11842024	0.009249001	0.000178287	-0.077575112	-0.050272416

2022	7	-0.058783441	-0.007289763	0	-0.033546722	-0.017946956
2022	8	0.028494477	0.004806492	0	0.016194673	0.007493312
2022	9	0.10359575	0.00407932	0	0.062679117	0.036837314
2022	10	0.18553155	-0.017643981	-0.008678361	0.150431133	0.061422759
2022	11	0.125578775	-0.000862897	-0.071291223	0.176187115	0.02154578
2022	12	-0.079249888	0.009893341	-0.136879552	0.046479929	0.001256393
2023	1	0.035664416	0.018004721	-0.002368961	0.019980354	4.83014E-05
2023	2	0.102218552	0.030129499	0.114362744	-0.042116633	-0.000157058
2023	3	-0.02577709	-0.027982636	0.067946573	-0.064120445	-0.001620582
2023	4	-0.06395894	0.004249141	0.036893511	-0.095645178	-0.009456414
2023	5	-0.209057288	-0.017645445	0.004634	-0.147778847	-0.048266996
2023	6	-0.111898882	0.009982216	0.00014639	-0.073546111	-0.048481377
2023	7	-0.054531697	-0.006410428	0	-0.031219861	-0.016901409
2023	8	0.024857948	0.003170174	0	0.014451215	0.007236558
2023	9	0.10389488	0.004843607	0	0.062635902	0.036415372
2023	10	0.178205709	-0.018288078	-0.008630229	0.145735959	0.059388057
2023	11	0.123547863	0.001707329	-0.070601515	0.171930876	0.020511174
2023	12	-0.080833303	0.008904352	-0.13481235	0.043876291	0.001198403
2024	1	-0.014723526	-0.012484161	-0.019212101	0.016926288	4.64482E-05
2024	2	0.091706926	0.015809107	0.119577148	-0.043520484	-0.000158846
2024	3	-0.024933499	-0.027717885	0.07115215	-0.066728383	-0.001639381
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2024	5	-0.215671769	-0.013317561	0.004809987	-0.156478908	-0.050685286
2024	6	-0.06943661	0.033780207	0.00020727	-0.055554671	-0.047869416
2024	7	-0.060432693	-0.007934144	0	-0.034389471	-0.018109078
2024	8	0.028194414	0.003922735	0	0.016276208	0.007995471
2024	9	0.111217629	0.007192822	0	0.066428056	0.037596751
2024	10	0.174709234	-0.020571982	-0.008587222	0.144307698	0.059560741
2024	11	0.129214542	0.001689836	-0.070611718	0.176448359	0.021688064
2024	12	-0.09556668	5.25964E-15	-0.143948208	0.047110609	0.001270918
2025	1	0.090998404	0.05001061	0.01987842	0.021064151	4.52235E-05
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2026	1	0.049972035	0.019975299	0.01304273	0.016910919	4.30866E-05
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2026	12	-0.082555223	0.006872142	-0.133649321	0.043108624	0.001113332
2027	1	0.060187824	0.027554231	0.013873155	0.018715119	4.53186E-05
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2027	5	-0.187465627	-0.023319373	0.002566364	-0.124729312	-0.041983305
2027	6	-0.082191532	0.010349829	0.000111525	-0.054628617	-0.038024269
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2027	10	0.15854285	-0.017512391	-0.008336801	0.132078353	0.05231369
2027	11	0.088988881	-0.009811437	-0.066472515	0.148290762	0.016982071
2027	12	-0.091510682	-0.001706667	-0.125521505	0.034875512	0.000841978
2028	1	-0.061594981	-0.039407933	-0.035694718	0.013465753	4.19162E-05
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2028	3	-0.027519147	-0.026638475	0.06421119	-0.063502554	-0.001589308
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2028	9	0.162825127	0.028463821	0	0.091792152	0.042569154
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2028	11	0.093084574	-0.00976746	-0.067337679	0.152570325	0.017619388
2028	12	-0.095559622	-0.003398025	-0.129834488	0.036705725	0.000967165
2029	1	0.035884939	0.016218766	0.000614755	0.019004646	4.6772E-05
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2029	3	0.00678935	-0.00331809	0.064633842	-0.053037129	-0.001489274
2029	4	-0.048364295	0.012095463	0.024830419	-0.076538367	-0.008751811
2029	5	-0.19022199	-0.024725743	0.002119605	-0.125332236	-0.042283616
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2029	9	0.102156611	0.007669806	0	0.06078464	0.033702165
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2030	1	0.034372109	0.014461318	0.002295366	0.01757197	4.34549E-05
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2030	5	-0.161464316	-0.007947455	0.002254696	-0.114609946	-0.041161611
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2030	9	0.102832836	0.008404838	0	0.060991646	0.033436351
2030	10	0.145015133	-0.021246809	-0.008184739	0.124655824	0.049790858
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2030	12	-0.099163968	-0.006747525	-0.128276087	0.035022754	0.000836889
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2031	8	-0.029716091	-0.017951549	0	-0.012909441	0.0011449
2031	9	0.165774184	0.029735631	0	0.093272811	0.042765743
2031	10	0.152805605	-0.021199973	-0.008139838	0.129651686	0.052493729
2031	11	0.114214452	0.004032052	-0.064699387	0.156844944	0.018036843
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2032	1	0.048765468	0.019491471	0.012536861	0.016694601	4.25355E-05
2032	2	0.059790637	0.009183444	0.093613219	-0.042861721	-0.000144304
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2032	7	-0.055118309	-0.006800289	0	-0.031530071	-0.016787949
2032	8	-0.02897812	-0.016442709	0	-0.012895283	0.000359872
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2032	10	0.184156131	-0.015691113	-0.008099453	0.147565008	0.060381688
2032	11	0.116093872	-0.009668923	-0.067683423	0.171799961	0.021646257
2032	12	-0.099747857	-0.007566447	-0.137984624	0.044573991	0.001229223
2033	1	0.068563498	0.042359248	0.002832578	0.023321531	5.01402E-05
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2033	3	-0.02541885	-0.026350903	0.065380459	-0.06286994	-0.001578466
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2033	6	-0.114307577	0.00862736	0.000165483	-0.074694669	-0.04840575
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2034	1	0.034218882	0.016975772	-0.002197539	0.019393765	4.68833E-05
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2034	3	-0.027187849	-0.026406164	0.063073532	-0.062281121	-0.001574095

2034	4	-0.063858531	0.004012476	0.034263638	-0.092945179	-0.009189466
2034	5	-0.202996458	-0.016673286	0.004306339	-0.14369603	-0.046933481
2034	6	-0.109131883	0.009434111	0.000136092	-0.071541887	-0.047160199
2034	7	-0.052885422	-0.006059595	0	-0.03037941	-0.016446417
2034	8	0.024105314	0.002996964	0	0.014065128	0.007043222
2034	9	0.101014232	0.004582477	0	0.060979428	0.035452328
2034	10	0.174383622	-0.017300139	-0.008030346	0.141892341	0.057821766
2034	11	0.123292506	0.001615009	-0.065696694	0.167403168	0.019971023
2034	12	-0.073157831	0.00842406	-0.125481883	0.042732821	0.001167171
2035	1	0.035916111	0.016168278	0.000597139	0.019103678	4.70158E-05
2035	2	0.125648431	0.051146452	0.113852538	-0.03920646	-0.000144099
2035	3	0.004662025	-0.003309406	0.062783636	-0.053315125	-0.00149708
2035	4	-0.049549319	0.012069801	0.024120218	-0.076941438	-0.0087979
2035	5	-0.191119738	-0.024679785	0.002058985	-0.12599255	-0.042506387
2035	6	-0.07644926	0.012613062	7.83581E-05	-0.051564059	-0.037576622
2035	7	-0.051859678	-0.007595763	0	-0.029314888	-0.014949027
2035	8	-0.030960061	-0.019534934	0	-0.013243893	0.001818767
2035	9	0.102625817	0.007658181	0	0.061093965	0.033873671
2035	10	0.152171908	-0.02049772	-0.007998367	0.128871044	0.05179695
2035	11	0.096345903	-0.006475613	-0.063919297	0.149685677	0.017055136
2035	12	-0.091876	-0.005065899	-0.12373304	0.036017586	0.000905354
2036	1	0.034529617	0.014508384	0.002233817	0.017743537	4.38792E-05
2036	2	0.066880563	0.01093214	0.099876992	-0.043774923	-0.000153646
2036	3	-0.022236943	-0.021574778	0.060482741	-0.059566591	-0.001578315
2036	4	-0.043659691	0.018562554	0.033960263	-0.087085613	-0.009096896
2036	5	-0.235537345	-0.035933408	0.003310233	-0.155220832	-0.047693336
2036	6	-0.104306911	0.012651342	0.000163589	-0.069781328	-0.047340515
2036	7	-0.064168274	-0.009905682	0	-0.036169148	-0.018093443
2036	8	0.029177151	0.003768935	0	0.016943136	0.00846508
2036	9	0.167477901	0.02996527	0	0.09428349	0.043229141
2036	10	0.154802477	-0.021355168	-0.007970826	0.131063231	0.053065239
2036	11	0.112804415	0.000812035	-0.063389008	0.157158657	0.018222731
2036	12	-0.072792504	0.007622206	-0.12177513	0.040366246	0.000994174
2037	1	0.048974643	0.019697516	0.012295589	0.016938381	4.31566E-05
2037	2	0.077442784	0.026160525	0.09267776	-0.041249082	-0.000146419
2037	3	-0.027266473	-0.026648006	0.060898136	-0.05993131	-0.001585293
2037	4	-0.074142889	-0.00324011	0.027849625	-0.089633899	-0.009118504
2037	5	-0.180006083	-0.008816379	0.003710702	-0.130177624	-0.044722782
2037	6	-0.09276464	0.011904911	0.000134645	-0.062059216	-0.042744981
2037	7	-0.057714784	-0.008413872	0	-0.032653721	-0.01664719
2037	8	-0.031954455	-0.018917123	0	-0.014033959	0.000996627
2037	9	0.09571745	0.003085024	0	0.058188356	0.03444407
2037	10	0.179044247	-0.015876768	-0.007944567	0.144544227	0.058321356
2037	11	0.123176364	4.60218E-15	-0.064127799	0.167237479	0.020066684
2037	12	-0.075148384	0.006798683	-0.126375015	0.04330943	0.001118518
2038	1	0.059664438	0.027509312	0.013163144	0.018946104	4.58779E-05
2038	2	0.10581922	0.04404987	0.101461527	-0.039547171	-0.000145006

2038	3	0.003225831	-0.003343753	0.06287203	-0.05473884	-0.001563606
2038	4	-0.050056163	0.010571169	0.02276621	-0.074809153	-0.008584389
2038	5	-0.189737892	-0.023333267	0.002436037	-0.126321451	-0.042519212
2038	6	-0.08337885	0.010357499	0.000105869	-0.055329853	-0.038512365
2038	7	-0.046292686	-0.005375307	0	-0.026547256	-0.014370124
2038	8	-0.03210375	-0.019750848	0	-0.013895139	0.001542237
2038	9	0.095077315	0.004645288	0	0.057361745	0.033070282
2038	10	0.161348537	-0.017529103	-0.007915441	0.133798195	0.052994886
2038	11	0.094499552	-0.009814185	-0.06311386	0.15022412	0.017203477
2038	12	-0.084700987	-0.001705499	-0.119178374	0.035329936	0.000852949
2039	1	-0.010631733	-0.011213793	-0.01580172	0.016339377	4.44035E-05
2039	2	0.094606404	0.0297506	0.107057639	-0.042043581	-0.000158254
2039	3	-0.028709075	-0.026842596	0.063980945	-0.064234694	-0.001612731
2039	4	-0.070797538	0.001632061	0.034695149	-0.097690515	-0.009434234
2039	5	-0.205805215	-0.01453404	0.004529889	-0.14753408	-0.048266983
2039	6	-0.116804852	0.008795264	0.000161927	-0.076309684	-0.049452359
2039	7	-0.057618561	-0.006936338	0	-0.033018082	-0.017664142
2039	8	0.027896918	0.004574622	0	0.015944664	0.007377632
2039	9	0.101877648	0.003885151	0	0.061719287	0.03627321
2039	10	0.183871046	-0.016791573	-0.007887762	0.148085408	0.060464972
2039	11	0.128991488	-0.000820682	-0.064776222	0.17338525	0.021203142
2039	12	-0.068036833	0.009411711	-0.124459119	0.045773283	0.001237292
2040	1	0.038737451	0.019008292	-0.000179132	0.019860303	4.79876E-05
2040	2	0.067077418	0.010217913	0.101171461	-0.04415579	-0.000156167
2040	3	-0.032769058	-0.026891634	0.06007771	-0.064332214	-0.001622921
2040	4	-0.077713481	4.71176E-15	0.036046051	-0.104084192	-0.009675339
2040	5	-0.207846251	-0.012946345	0.004249194	-0.14981782	-0.04933128
2040	6	-0.1195371	0.009616503	0.000161374	-0.078320433	-0.050994544
2040	7	-0.058939101	-0.006952674	0	-0.033820352	-0.018166075
2040	8	0.025570398	0.00382105	0	0.01473835	0.007010999
2040	9	0.106559293	0.004672505	0	0.064359903	0.037526886
2040	10	0.186125086	-0.017627256	-0.007861057	0.149836648	0.061776751
2040	11	0.132841825	-0.002466714	-0.065222654	0.178278732	0.022252461
2040	12	-0.064357719	0.012857211	-0.128806952	0.05024416	0.001347861
2041	1	0.074337911	0.040693357	0.011756601	0.021839709	4.82432E-05
2041	2	0.084663001	0.028160384	0.099076557	-0.042417065	-0.000156875
2041	3	0.005351603	-0.003369057	0.067092418	-0.056790431	-0.001581326
2041	4	-0.042441686	0.01885045	0.026100328	-0.078349341	-0.009043124
2041	5	-0.166591891	-0.008112156	0.002158523	-0.118190653	-0.042447605
2041	6	-0.077671538	0.012053398	7.67698E-05	-0.052087565	-0.037714141
2041	7	-0.052903856	-0.007747221	0	-0.029910753	-0.015245883
2041	8	-0.029791549	-0.019926229	0	-0.012447502	0.002582181
2041	9	0.105980546	0.008590038	0	0.062905151	0.034485357
2041	10	0.150396858	-0.021690535	-0.007836816	0.128569946	0.051354263
2041	11	0.093634036	-0.009891571	-0.062803705	0.149434902	0.01689441
2041	12	-0.092717779	-0.006873597	-0.122832627	0.036125211	0.000863233
2042	1	0.045390174	0.01996347	0.008007346	0.017376912	4.24458E-05

2042	2	0.082137721	0.02823306	0.096285018	-0.042227172	-0.000153185
2042	3	-0.028746699	-0.02702458	0.061562028	-0.061667323	-0.001616825
2042	4	-0.063587529	0.006575064	0.028914853	-0.089743693	-0.009333754
2042	5	-0.204117627	-0.019526421	0.003042045	-0.140885496	-0.046747755
2042	6	-0.095459068	0.012896766	0.000132493	-0.06402595	-0.044462377
2042	7	-0.061213535	-0.009326468	0	-0.034540547	-0.01734652
2042	8	-0.030649207	-0.018452317	0	-0.013383864	0.001186975
2042	9	0.171590459	0.030550073	0	0.096702243	0.044338143
2042	10	0.159275224	-0.021754746	-0.00781742	0.134422173	0.054425217
2042	11	0.123314555	0.004132986	-0.062137556	0.162618352	0.018700773
2042	12	-0.074181056	0.004307377	-0.119454633	0.039958233	0.001007966
2043	1	0.049514803	0.020022189	0.012069635	0.017378701	4.42785E-05
2043	2	0.07510332	0.026600927	0.090973421	-0.042320805	-0.000150223
2043	3	-0.03044334	-0.027106634	0.059778504	-0.06148872	-0.001626489
2043	4	-0.068964088	0.00247342	0.027709857	-0.089824341	-0.009323023
2043	5	-0.193048597	-0.014692595	0.003269542	-0.135707479	-0.045918066
2043	6	-0.09526322	0.012131321	0.000132169	-0.063671337	-0.043855373
2043	7	-0.059158849	-0.008578717	0	-0.033500994	-0.017079138
2043	8	-0.032662128	-0.019286914	0	-0.014397671	0.001022456
2043	9	0.098175053	0.00314369	0	0.059695282	0.035336081
2043	10	0.184157116	-0.016165747	-0.007797881	0.148288595	0.05983215
2043	11	0.129213158	4.71176E-15	-0.062944106	0.171570647	0.020586617
2043	12	-0.071552634	0.006912346	-0.124045071	0.044432566	0.001147525
2044	1	-0.002266092	-0.007857645	-0.011033207	0.016579359	4.54011E-05
2044	2	0.073209432	0.014631429	0.103445073	-0.044701287	-0.000165783
2044	3	-0.032966719	-0.027189547	0.0628726	-0.066985558	-0.001664214
2044	4	-0.01751659	0.04052548	0.039989735	-0.088501458	-0.009530347
2044	5	-0.233968623	-0.030298026	0.003863546	-0.158075811	-0.049458332
2044	6	-0.119524408	0.008925548	0.000159696	-0.078037552	-0.0505721
2044	7	-0.058872591	-0.00704268	0	-0.033765769	-0.018064142
2044	8	-0.03447308	-0.017029793	0	-0.016118054	-0.001325233
2044	9	0.167507553	0.026020323	0	0.095525989	0.04596124
2044	10	0.18848253	-0.017027148	-0.00777974	0.151450458	0.061838961
2044	11	0.122371476	-0.009979265	-0.064728405	0.175394279	0.021684867
2044	12	-0.090683132	-0.006932131	-0.129975899	0.044961963	0.001262934
2045	1	0.073819161	0.043776396	0.005873315	0.024116827	5.26232E-05
2045	2	0.088987964	0.029346479	0.102665014	-0.042863685	-0.000159843
2045	3	-0.033177916	-0.027268671	0.060983162	-0.065243442	-0.001648965
2045	4	-0.069714083	0.004147708	0.033126879	-0.097362468	-0.009626202
2045	5	-0.212772789	-0.017249829	0.004163407	-0.150523064	-0.049163302
2045	6	-0.114443364	0.009768631	0.000131577	-0.074942017	-0.049401554
2045	7	-0.055333778	-0.006281349	0	-0.031823973	-0.017228456
2045	8	0.025219325	0.003106939	0	0.014734147	0.007378239
2045	9	0.105763339	0.004746946	0	0.063878562	0.037137831
2045	10	0.1835419	-0.017896854	-0.007763809	0.148633674	0.060568889
2045	11	0.134426278	0.001668575	-0.063514934	0.175353185	0.020919451
2045	12	-0.066637027	0.008692507	-0.121314144	0.044762015	0.001222595

2046	1	0.037376452	0.016691411	0.000578471	0.020057208	4.93625E-05
2046	2	0.121812881	0.0528333	0.110294922	-0.041164047	-0.000151294
2046	3	-0.000147808	-0.0034206	0.060821481	-0.055976867	-0.001571821
2046	4	-0.05416478	0.012488161	0.023366217	-0.080782097	-0.009237062
2046	5	-0.200476215	-0.025558604	0.001994648	-0.132283485	-0.044628774
2046	6	-0.080444405	0.013074475	7.59123E-05	-0.054140571	-0.039454221
2046	7	-0.054360977	-0.007882593	0	-0.030781476	-0.015696908
2046	8	-0.032272379	-0.020275003	0	-0.01390724	0.001909863
2046	9	0.107673491	0.007942334	0	0.064158402	0.035572754
2046	10	0.160760918	-0.021231311	-0.007750647	0.135344185	0.05439869
2046	11	0.106485557	-0.006699231	-0.061944163	0.157215832	0.017913119
2046	12	-0.086369402	-0.005234682	-0.119917745	0.037832061	0.000950964
2047	1	0.035871054	0.014986858	0.002169	0.018669028	4.61679E-05
2047	2	0.082634573	0.028685208	0.097825166	-0.043714128	-0.000161672
2047	3	0.002655593	-0.003433303	0.066251408	-0.058532673	-0.001629839
2047	4	-0.045084709	0.019222078	0.02577573	-0.080761034	-0.009321483
2047	5	-0.171742747	-0.008277307	0.002131864	-0.121839303	-0.043758
2047	6	-0.080197957	0.012307141	7.58274E-05	-0.053699592	-0.038881333
2047	7	-0.054472332	-0.007915428	0	-0.03083826	-0.015718644
2047	8	-0.030531926	-0.020360114	0	-0.012834216	0.002662404
2047	9	0.109195407	0.008772719	0	0.064863655	0.035559033
2047	10	0.155659385	-0.022137146	-0.007742549	0.132582211	0.052956868
2047	11	0.099390508	-0.010088612	-0.062052468	0.154108772	0.017422816
2047	12	-0.090230034	-0.007006524	-0.12137136	0.037257559	0.000890291
2048	1	0.046250387	0.02035411	0.007920104	0.017932371	4.38026E-05
2048	2	0.059648856	0.01134404	0.09440465	-0.045941741	-0.000158094
2048	3	-0.001660724	-0.003446768	0.06304514	-0.059593729	-0.001665367
2048	4	-0.032317182	0.02768965	0.027699283	-0.078593826	-0.009112288
2048	5	-0.188619344	-0.015790854	0.002641547	-0.130564643	-0.044905394
2048	6	-0.08863501	0.01153437	0.000103429	-0.059034351	-0.041238458
2048	7	-0.051328464	-0.006359252	0	-0.029356407	-0.015612805
2048	8	-0.037234928	-0.022019764	0	-0.01648754	0.001272375
2048	9	0.098426146	0.004004304	0	0.059637466	0.034784375
2048	10	0.176192669	-0.017288263	-0.007736864	0.144105074	0.057112722
2048	11	0.107127091	-0.010128953	-0.062035119	0.160728647	0.018562515
2048	12	-0.090829745	-0.00703391	-0.123511072	0.038740972	0.000974265
2049	1	0.061323506	0.028431156	0.012844946	0.019998977	4.84274E-05
2049	2	0.10267328	0.045557504	0.099017302	-0.041748448	-0.000153077
2049	3	-0.001539372	-0.003460627	0.061363101	-0.057791054	-0.001650792
2049	4	-0.054877115	0.010952523	0.022221822	-0.078987593	-0.009063867
2049	5	-0.20010985	-0.024201332	0.00237799	-0.133388545	-0.044897963
2049	6	-0.088240222	0.010755307	0.000103353	-0.058429209	-0.040669672
2049	7	-0.04879976	-0.00558797	0	-0.028035873	-0.015175918
2049	8	-0.03358006	-0.02053354	0	-0.014675353	0.001628834
2049	9	0.100342613	0.004825016	0	0.060587562	0.034930034
2049	10	0.171400616	-0.018184062	-0.007729611	0.141334441	0.055979848
2049	11	0.105069094	-0.010168307	-0.061638301	0.158701416	0.018174286

2049	12	-0.079939053	-0.001765118	-0.116401879	0.037326787	0.000901158
2050	1	-0.009733147	-0.011596828	-0.015462332	0.017279056	4.69572E-05
2050	2	0.090923153	0.030788292	0.104767783	-0.044465552	-0.00016737
2050	3	-0.034826984	-0.027798189	0.062617863	-0.067940877	-0.001705781
2050	4	-0.077665331	0.001691986	0.033959291	-0.103337071	-0.009979537
2050	5	-0.217787143	-0.01508439	0.004434209	-0.156075564	-0.051061399
2050	6	-0.123754093	0.009139229	0.000158517	-0.080732975	-0.052318864
2050	7	-0.060839008	-0.007215649	0	-0.034934151	-0.018689208
2050	8	0.029436513	0.004759063	0	0.016871137	0.007806313
2050	9	0.107732453	0.004037988	0	0.065310597	0.038383869
2050	10	0.195552132	-0.017430003	-0.007724019	0.156716861	0.063989294
2050	11	0.141660425	-0.000850819	-0.063437052	0.183507332	0.022440964
2050	12	-0.062391132	0.009747036	-0.121898079	0.048450258	0.001309653

Year	Month	UPC_B_RES_UEE	XOther_B	XHeat1_B	XCool1_B	XCool2_B	14-Sep	15-Dec	16-May	16-Sep	16-Oct	17-Jan	17-Aug	17-Oct	19-Feb	19-Sep	19-Oct	XMissing	YMissing
2011	1	1.272	719.03	1,221.15	4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	2	1.005	655.96	725.55	8.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	3	0.823	635.35	257.22	62.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	4	0.862	613.91	53.14	153.18	21.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	5	1.089	628.15	0.19	322.29	175.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	6	1.241	609.27	0.00	417.92	467.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	7	1.377	586.86	0.00	505.27	732.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	8	1.424	597.95	0.00	545.66	851.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	9	1.389	592.02	0.00	506.05	745.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	10	1.189	609.19	1.60	394.97	402.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	11	0.834	630.83	50.46	165.21	29.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2011	12	0.809	691.25	136.10	99.47	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	1	0.919	709.99	411.86	39.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	2	0.852	643.88	357.27	36.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	3	0.843	628.58	151.66	113.13	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	4	0.914	626.75	6.96	222.37	5.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	5	0.974	607.46	7.09	256.34	93.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	6	1.185	607.58	0.00	408.16	392.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	7	1.256	584.62	0.00	456.35	562.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	8	1.396	595.26	0.00	511.20	734.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	9	1.302	592.99	0.00	470.96	619.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	10	1.188	609.78	0.00	410.88	415.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	11	0.888	631.81	72.15	216.57	90.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2012	12	0.782	700.03	211.14	50.29	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	1	0.896	697.90	366.97	58.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	2	0.863	639.32	345.76	58.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	3	0.874	622.78	443.53	60.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	4	0.890	629.86	304.67	105.33	19.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	5	0.954	623.13	7.89	263.38	74.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	6	1.143	607.09	0.00	386.36	339.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	7	1.281	575.81	0.00	464.48	585.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	8	1.293	559.64	0.00	476.37	652.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	9	1.343	584.76	0.00	500.45	717.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	10	1.193	593.29	0.00	418.28	448.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	11	0.923	620.74	7.03	260.88	130.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2013	12	0.815	667.41	115.77	142.78	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	1	0.922	694.21	413.41	75.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	2	1.070	656.54	753.86	32.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	3	0.831	610.85	268.67	53.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	4	0.793	598.58	104.60	106.30	7.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	5	0.953	603.37	4.27	261.92	132.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	6	1.168	598.63	0.00	409.60	407.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	7	1.303	570.13	0.00	488.52	676.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	8	1.391	556.18	0.00	509.06	770.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	9	1.380	611.26	0.00	541.87	810.27	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	10	1.132	589.64	0.00	370.23	328.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2014	11	0.858	623.48	97.50	186.95	64.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2014	12	0.907	672.21	436.93	69.26	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	1	0.915	688.31	425.16	62.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	2	0.920	623.92	633.45	11.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	3	0.962	610.89	418.94	85.24	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	4	0.934	600.04	52.11	234.02	59.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	5	1.042	602.69	4.84	350.38	236.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	6	1.255	597.53	0.00	451.04	532.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	7	1.385	570.42	0.00	517.37	775.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	8	1.318	554.33	0.00	489.31	697.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	9	1.326	576.76	0.00	495.34	701.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	10	1.145	595.18	0.00	406.67	415.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	11	1.018	616.51	1.28	318.90	150.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2015	12	0.863	672.85	47.16	199.69	55.63	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	1	0.924	631.31	245.42	144.94	6.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	2	0.980	608.27	748.46	24.92	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	3	0.880	590.05	403.31	52.68	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	4	0.880	623.98	67.90	182.09	18.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	5	1.001	571.23	0.38	264.62	96.06	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	6	1.245	578.63	0.00	426.26	455.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	7	1.458	556.00	0.00	540.96	839.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	8	1.447	539.68	0.00	538.58	853.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	9	1.363	583.75	0.00	550.66	833.07	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	10	1.361	571.64	0.00	460.70	574.63	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	11	0.921	579.24	7.67	257.31	112.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2016	12	0.811	627.27	119.46	97.59	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	1	0.882	672.72	243.46	119.13	0.34	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	2	0.845	587.95	330.35	61.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	3	0.771	573.69	116.15	90.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	4	0.881	566.77	98.64	170.09	27.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	5	1.048	565.94	1.21	297.63	135.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	6	1.204	564.55	0.00	394.64	336.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	7	1.329	543.98	0.00	480.11	615.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	8	1.341	550.27	0.00	543.31	820.48	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0
2017	9	1.340	546.58	0.00	520.11	767.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	10	1.154	558.09	0.00	471.82	605.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
2017	11	0.958	579.82	67.37	268.97	213.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2017	12	0.823	631.78	145.13	98.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	1	1.036	627.52	698.17	45.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	2	0.998	602.43	570.18	57.48	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	3	0.868	589.14	164.19	151.22	5.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	4	0.856	571.46	140.71	145.39	6.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	5	0.904	539.94	3.93	280.22	90.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	6	1.142	559.06	0.00	417.13	377.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	7	1.319	534.63	0.00	494.35	659.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	8	1.296	516.70	0.00	497.19	696.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	9	1.314	542.31	0.00	513.24	722.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

2018	10	1.319	546.26	0.00	501.76	709.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	11	0.983	561.81	13.70	304.70	209.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2018	12	0.879	606.09	338.14	115.05	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	1	0.891	622.67	472.04	63.76	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	2	0.946	573.60	580.12	35.29	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0	0
2019	3	0.857	588.03	142.30	143.85	8.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	4	0.818	578.04	74.75	145.78	25.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	5	1.022	559.24	0.00	317.66	172.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	6	1.298	558.40	0.00	493.05	627.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	7	1.354	534.13	0.00	533.27	778.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	8	1.269	515.85	0.00	495.48	669.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	9	1.345	542.14	0.00	563.48	880.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0
2019	10	1.173	543.48	0.00	498.99	680.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0
2019	11	1.025	554.58	28.38	368.40	361.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2019	12	0.804	598.78	232.79	89.51	19.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	1	0.852	625.03	235.22	122.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	2	0.858	570.19	379.89	89.85	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	3	0.862	586.75	251.21	151.37	19.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	4	1.032	592.96	20.61	333.00	188.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	5	1.009	570.29	0.00	346.37	201.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	6	1.200	565.25	0.00	470.50	527.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	7	1.415	538.42	0.00	585.07	940.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	8	1.350	508.70	0.00	554.74	883.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	9	1.324	522.64	0.00	537.65	812.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	10	1.153	528.87	0.00	438.94	503.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	11	1.019	535.36	1.45	346.78	289.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2020	12	0.873	589.36	256.46	139.19	29.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	1	0.998	638.09	753.96	29.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	2	0.902	596.08	570.19	47.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	3	0.825	586.00	162.70	112.36	5.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	4	0.874	555.53	100.52	179.46	38.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	5	0.988	531.48	7.72	333.77	217.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	6	1.188	543.08	0.00	456.19	496.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	7	1.245	524.63	0.00	507.14	670.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
2021	8		507.52	0.00	536.61	802.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	9		526.76	0.00	527.55	748.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	10		533.02	0.00	435.29	451.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	11		535.97	25.15	244.44	93.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2021	12		586.09	222.29	91.27	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	1		602.71	682.73	50.35	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	2		523.49	601.20	17.40	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	3		539.72	343.81	64.19	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	4		530.84	104.32	139.88	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	5		536.79	11.26	274.05	90.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	6		533.01	0.36	420.66	394.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	7		513.46	0.00	508.25	691.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	8		520.29	0.00	549.67	812.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2022	9	512.12	0.00	520.70	748.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	10	522.16	0.00	439.74	477.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	11	536.27	20.64	259.85	110.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2022	12	588.81	207.01	98.68	6.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	1	597.77	666.67	50.84	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	2	546.13	633.66	19.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	3	533.47	337.07	64.19	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	4	533.44	101.41	143.72	11.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	5	522.20	10.49	269.86	91.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	6	528.19	0.29	420.04	398.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	7	508.80	0.00	506.00	690.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	8	513.10	0.00	544.27	805.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	9	507.56	0.00	517.10	741.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	10	515.75	0.00	433.54	467.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	11	533.19	21.07	255.52	105.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2023	12	582.02	208.59	96.16	5.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	1	560.66	629.80	48.31	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	2	544.92	644.26	19.92	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	3	528.42	342.54	61.75	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	4	523.99	112.48	132.62	10.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	5	521.60	10.83	261.82	79.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	6	547.94	0.41	432.72	398.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	7	502.14	0.00	501.83	682.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	8	508.74	0.00	543.94	806.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	9	504.97	0.00	518.49	745.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	10	507.98	0.00	431.23	467.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	11	527.72	20.19	258.60	110.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2024	12	566.97	187.75	98.45	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	1	616.27	700.48	51.25	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	2	531.56	608.46	19.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	3	519.77	332.04	65.42	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	4	510.20	89.58	142.45	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	5	518.12	8.38	276.62	97.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	6	517.94	0.29	422.53	411.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	7	492.24	0.00	497.40	680.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	8	477.15	0.00	516.04	769.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	9	521.25	0.00	536.91	766.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	10	498.15	0.00	418.82	438.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	11	521.92	24.67	244.40	95.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2025	12	562.58	211.08	91.72	4.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	1	579.39	679.80	47.71	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	2	524.42	591.05	19.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	3	514.53	325.00	65.28	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	4	517.83	87.25	147.43	12.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	5	501.15	7.74	273.18	101.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	6	511.92	0.28	419.83	412.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	7	488.11	0.00	494.55	676.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2026	8	471.57	0.00	511.40	762.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	9	487.76	0.00	504.20	720.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	10	498.96	0.00	425.76	457.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	11	512.42	22.35	248.82	102.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2026	12	559.70	198.38	94.32	5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	1	582.48	675.14	48.92	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	2	538.53	604.60	20.44	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	3	534.64	326.56	69.14	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	4	517.08	74.65	155.24	14.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	5	493.06	6.31	278.27	111.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	6	506.34	0.22	423.02	429.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	7	487.65	0.00	496.87	683.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	8	467.36	0.00	509.04	761.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	9	485.94	0.00	500.98	710.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	10	493.88	0.00	414.99	430.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	11	498.80	23.82	233.97	89.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2027	12	547.15	211.02	87.57	4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	1	510.19	571.48	44.67	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	2	549.86	650.98	20.58	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	3	507.85	321.15	61.36	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	4	525.51	107.43	140.17	11.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	5	503.15	10.42	264.91	89.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	6	503.07	0.28	408.34	386.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	7	507.46	0.00	515.48	703.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	8	465.91	0.00	505.91	751.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	9	508.42	0.00	527.35	753.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	10	489.16	0.00	413.79	434.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	11	496.56	21.06	237.02	92.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2028	12	542.93	199.39	88.85	4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	1	565.93	640.10	48.97	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	2	541.78	620.04	20.23	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	3	530.16	320.82	69.39	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	4	514.52	75.99	152.11	13.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	5	487.41	5.41	276.04	108.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	6	504.69	0.16	423.51	429.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	7	481.37	0.00	492.21	677.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	8	463.67	0.00	507.17	759.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	9	485.41	0.00	502.30	713.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	10	486.89	0.00	410.68	426.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	11	498.47	23.24	234.00	89.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2029	12	539.55	201.70	88.09	4.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	1	562.20	639.91	47.81	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	2	515.55	590.49	18.49	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	3	528.28	330.63	67.65	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	4	519.36	80.70	152.29	13.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	5	502.98	5.67	283.98	113.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	6	502.06	0.16	423.48	432.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2030	7	479.63	0.00	491.58	676.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	8	461.96	0.00	507.26	761.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	9	484.37	0.00	501.74	711.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	10	484.15	0.00	407.35	418.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	11	493.08	22.73	230.61	86.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2030	12	535.55	197.11	87.34	4.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	1	566.08	648.37	47.15	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	2	514.29	581.89	18.77	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	3	503.07	317.62	64.11	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	4	499.87	85.77	142.10	12.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	5	496.10	7.97	268.72	95.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	6	501.77	0.28	414.36	403.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	7	477.03	0.00	487.90	667.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	8	462.52	0.00	506.31	754.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	9	505.49	0.00	526.91	752.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	10	483.08	0.00	411.12	430.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	11	506.18	23.65	239.97	94.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2031	12	545.63	202.36	90.08	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	1	565.36	653.43	47.10	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	2	511.91	568.28	18.86	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	3	502.47	306.64	63.61	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	4	500.98	90.17	140.66	11.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	5	493.95	8.86	265.65	93.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	6	497.23	0.33	408.03	391.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	7	478.98	0.00	489.56	667.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	8	463.71	0.00	506.60	751.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	9	477.44	0.00	500.63	719.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	10	488.39	0.00	425.41	465.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	11	491.55	16.93	251.82	110.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2032	12	532.95	172.97	94.87	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	1	588.91	631.15	52.37	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	2	515.25	596.35	18.54	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	3	502.36	318.29	61.64	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	4	494.28	96.62	134.39	10.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	5	500.49	10.45	263.67	87.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	6	497.19	0.33	405.04	380.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	7	478.98	0.00	489.67	666.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	8	485.42	0.00	529.78	783.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	9	478.22	0.00	501.96	721.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	10	487.54	0.00	423.82	460.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	11	500.67	19.17	250.38	106.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2033	12	550.28	192.42	95.15	5.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	1	563.61	618.43	49.35	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	2	515.40	588.32	18.83	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	3	503.42	312.90	62.35	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	4	503.73	94.18	139.66	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	5	493.43	9.75	262.40	88.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2034	6	499.19	0.27	408.59	387.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	7	480.95	0.00	492.38	671.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	8	485.07	0.00	529.73	784.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	9	480.19	0.00	503.43	722.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	10	487.89	0.00	422.10	454.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	11	504.36	19.61	248.79	102.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2034	12	550.63	194.15	93.65	5.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	1	564.17	621.75	49.22	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	2	540.22	602.28	20.33	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	3	528.77	311.64	69.75	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	4	513.43	73.82	152.91	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	5	486.51	5.25	277.49	109.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	6	503.82	0.16	425.74	431.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	7	480.73	0.00	494.79	680.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	8	463.04	0.00	509.79	763.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	9	484.68	0.00	504.86	716.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	10	485.86	0.00	412.74	428.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	11	497.17	22.57	235.17	89.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2035	12	537.86	195.89	88.53	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	1	564.03	622.75	48.27	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	2	517.38	574.71	18.67	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	3	511.39	306.35	65.22	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	4	521.67	93.39	145.66	12.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	5	476.38	7.75	255.76	87.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	6	505.35	0.33	412.99	390.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	7	479.87	0.00	491.18	669.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	8	488.79	0.00	535.39	795.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	9	509.39	0.00	532.62	760.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	10	486.62	0.00	415.60	434.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	11	506.34	23.10	241.49	94.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2036	12	552.69	198.24	92.17	4.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	1	571.33	640.86	47.79	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	2	517.45	557.38	19.13	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	3	508.03	306.58	65.43	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	4	500.89	81.09	144.61	12.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	5	506.42	8.54	277.18	101.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	6	506.41	0.27	421.17	413.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	7	483.30	0.00	496.28	679.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	8	467.12	0.00	513.33	765.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	9	483.32	0.00	506.24	723.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	10	494.17	0.00	427.59	459.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	11	507.31	21.13	249.94	103.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2037	12	553.72	187.58	94.76	5.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	1	581.53	640.59	49.52	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	2	537.88	573.72	20.70	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	3	534.26	309.91	70.01	1.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	4	517.17	70.85	157.21	15.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2038	5	493.36	5.99	281.83	112.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	6	506.72	0.21	428.45	434.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	7	488.38	0.00	503.27	692.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	8	468.16	0.00	515.62	771.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	9	486.78	0.00	507.48	720.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	10	494.35	0.00	420.40	436.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	11	498.94	22.61	237.02	90.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2038	12	546.77	200.36	88.71	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	1	543.24	580.55	47.61	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	2	524.74	583.59	18.94	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	3	511.74	311.48	62.98	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	4	509.68	94.60	140.05	11.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	5	504.32	10.17	266.63	88.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	6	506.87	0.32	413.79	388.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	7	488.57	0.00	500.24	680.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	8	495.19	0.00	541.18	800.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	9	487.74	0.00	512.72	736.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	10	496.93	0.00	432.88	470.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	11	510.03	18.76	255.72	108.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2039	12	560.15	188.23	97.18	5.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	1	575.51	609.67	50.52	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	2	523.00	572.27	19.26	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	3	512.67	303.05	63.34	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	4	508.98	97.21	135.85	10.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	5	507.06	9.61	266.32	84.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	6	508.84	0.32	414.04	383.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	7	489.72	0.00	501.64	681.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	8	495.55	0.00	542.27	801.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	9	489.63	0.00	516.60	744.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	10	497.12	0.00	435.49	476.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	11	509.29	17.37	260.04	113.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2040	12	564.71	178.08	100.94	6.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	1	599.17	631.58	52.22	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	2	525.02	565.21	19.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	3	538.30	316.49	69.76	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	4	529.76	77.26	157.04	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	5	513.41	5.43	292.85	116.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	6	512.73	0.15	436.73	445.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	7	490.31	0.00	506.98	697.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	8	472.32	0.00	523.16	785.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	9	495.04	0.00	517.48	733.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	10	494.26	0.00	420.14	431.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	11	502.87	21.76	237.85	89.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2041	12	545.56	188.74	90.09	4.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	1	579.05	622.43	48.87	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	2	526.37	558.64	19.46	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	3	515.21	304.95	66.45	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2042	4	518.45	82.81	149.08	12.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	5	503.10	7.19	276.77	99.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	6	515.15	0.26	429.56	418.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	7	490.27	0.00	505.82	691.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	8	475.42	0.00	524.92	782.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	9	519.33	0.00	546.29	779.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	10	495.72	0.00	426.25	446.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	11	518.85	22.71	248.80	97.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2042	12	558.62	194.35	93.40	4.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	1	580.75	629.08	49.03	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	2	526.16	547.13	19.63	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	3	516.77	300.94	67.13	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	4	515.81	80.35	150.06	12.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	5	509.82	7.64	282.69	104.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	6	516.05	0.26	432.11	424.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	7	492.77	0.00	509.15	696.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	8	476.25	0.00	526.63	785.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	9	492.51	0.00	519.35	742.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	10	503.17	0.00	438.66	471.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	11	516.14	20.74	256.41	105.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2043	12	562.98	184.12	97.21	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	1	553.46	581.54	48.58	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	2	533.10	572.92	19.84	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	3	518.35	306.72	63.38	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	4	556.89	104.83	152.19	12.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	5	495.31	8.83	266.99	90.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	6	514.37	0.32	423.16	397.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	7	496.06	0.00	511.57	696.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	8	480.27	0.00	527.91	778.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	9	517.84	0.00	549.87	792.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	10	503.90	0.00	442.72	481.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	11	507.33	16.83	260.01	110.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2044	12	550.20	171.25	97.93	6.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	1	608.61	613.95	54.69	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	2	531.94	568.84	19.73	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	3	519.86	302.53	65.31	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	4	520.70	91.06	146.30	12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	5	510.49	9.42	274.87	92.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	6	516.89	0.26	428.01	405.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	7	498.55	0.00	515.79	703.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	8	502.87	0.00	554.93	821.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	9	497.43	0.00	527.36	756.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	10	504.72	0.00	442.16	476.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	11	521.08	18.96	260.61	107.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2045	12	568.17	187.70	98.10	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	1	582.42	602.31	51.68	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	2	558.04	583.46	21.35	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2046	3	546.54	301.90	73.23	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	4	531.22	71.51	160.55	14.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	5	503.83	5.09	291.35	114.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	6	522.25	0.15	447.01	453.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	7	498.88	0.00	519.54	714.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	8	480.58	0.00	535.33	801.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	9	502.66	0.00	530.18	752.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	10	503.25	0.00	433.47	450.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	11	514.34	21.87	247.00	94.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2046	12	555.78	189.85	92.99	4.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	1	582.64	604.68	50.79	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	2	534.80	558.07	19.65	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	3	548.57	312.52	71.90	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	4	540.20	76.30	161.87	14.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	5	523.86	5.36	301.89	120.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	6	523.52	0.15	450.24	459.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	7	500.96	0.00	522.70	719.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	8	482.60	0.00	539.41	809.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	9	505.57	0.00	533.59	756.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	10	504.44	0.00	433.25	444.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	11	512.89	21.50	245.29	92.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2047	12	556.11	186.50	92.92	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	1	590.38	615.65	50.43	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	2	536.88	552.60	20.08	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	3	550.72	305.96	71.77	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	4	551.07	80.12	164.93	15.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	5	518.23	6.38	297.41	117.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	6	524.84	0.21	449.01	452.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	7	504.73	0.00	527.17	724.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	8	483.03	0.00	539.85	808.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	9	502.70	0.00	532.39	756.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	10	511.63	0.00	444.31	464.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	11	514.94	21.42	251.26	97.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2048	12	558.28	181.86	94.47	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	1	601.02	625.10	52.27	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	2	556.29	559.90	21.85	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	3	552.93	302.47	73.91	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	4	535.83	69.15	165.99	15.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	5	511.71	5.85	297.59	119.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	6	526.18	0.21	452.45	459.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	7	507.71	0.00	531.49	731.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	8	486.71	0.00	544.57	814.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	9	505.61	0.00	536.01	760.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	10	512.82	0.00	444.08	460.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	11	516.94	22.09	250.39	95.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2049	12	565.88	195.69	93.73	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	1	561.80	568.08	50.35	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

2050	2	543.04	571.11	20.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	3	529.96	304.84	66.61	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	4	528.40	92.59	148.14	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	5	523.42	9.96	282.06	93.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	6	526.69	0.32	437.78	411.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	7	508.24	0.00	529.27	720.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	8	515.16	0.00	572.63	846.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	9	506.93	0.00	542.56	779.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	10	515.82	0.00	458.11	497.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	11	528.76	18.37	270.65	114.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1
2050	12	580.10	184.35	102.86	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1

Variable	Count	Mean	StdDev	Min	Max	Skewness	Kurtosis	Jarque-Bera	Probability	CorrYX	Units	Definition
UPC_B_RES_UEE	111	1.0650	0.2067	0.7707	1.4581	0.343	1.603	11.2	3.71E-03	1.000		
XOther_B	111	599.7856	42.6916	515.8493	719.0264	0.615	3.216	7.2	2.72E-02	-0.524		
XHeat1_B	111	142.6845	222.7228	0.0000	1,221.1517	2.017	7.675	176.3	0.00E+00	-0.387		
XCool1_B	111	279.2399	183.6454	4.3404	563.4815	0.058	1.443	11.3	3.57E-03	0.888		
XCool2_B	111	281.2013	311.1382	0.0000	880.8888	0.592	1.705	14.2	8.12E-04	0.944		
44453	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.146		
44545	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	-0.093		
44332	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	-0.030		
44455	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.138		
44485	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.137		
44213	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	-0.085		
44425	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.128		
44486	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.041		
44246	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	-0.055		
44458	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.130		
44488	111	0.0090	0.0949	0.0000	1.0000	10.393	109.009	53973.6	0.00E+00	0.050		

	UPC_B_RES_UEE	XOther_B	XHeat1_B	XCool1_B	XCool2_B	14-Sep	15-Dec	16-May	16-Sep	16-Oct	17-Jan	17-Aug	17-Oct	19-Feb	19-Sep	19-Oct
UPC_B_RES_UEE	1.000	-0.524	-0.387	0.888	0.944	0.146	-0.093	-0.030	0.138	0.137	-0.085	0.128	0.041	-0.055	0.130	0.050
XOther_B	-0.524	1.000	0.555	-0.674	-0.627	0.026	0.164	-0.064	-0.036	-0.063	0.164	-0.111	-0.094	-0.059	-0.129	-0.126
XHeat1_B	-0.387	0.555	1.000	-0.747	-0.571	-0.061	-0.041	-0.061	-0.061	-0.061	0.043	-0.061	-0.061	0.188	-0.061	-0.061
XCool1_B	0.888	-0.674	-0.747	1.000	0.951	0.137	-0.041	-0.008	0.142	0.095	-0.084	0.138	0.100	-0.127	0.148	0.115
XCool2_B	0.944	-0.627	-0.571	0.951	1.000	0.163	-0.069	-0.057	0.170	0.090	-0.086	0.166	0.100	-0.087	0.185	0.123
44453	0.146	0.026	-0.061	0.137	0.163	1.000	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
44545	-0.093	0.164	-0.041	-0.041	-0.069	-0.009	1.000	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
44332	-0.030	-0.064	-0.061	-0.008	-0.057	-0.009	-0.009	1.000	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
44455	0.138	-0.036	-0.061	0.142	0.170	-0.009	-0.009	-0.009	1.000	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
44485	0.137	-0.063	-0.061	0.095	0.090	-0.009	-0.009	-0.009	-0.009	1.000	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
44213	-0.085	0.164	0.043	-0.084	-0.086	-0.009	-0.009	-0.009	-0.009	-0.009	1.000	-0.009	-0.009	-0.009	-0.009	-0.009
44425	0.128	-0.111	-0.061	0.138	0.166	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	1.000	-0.009	-0.009	-0.009	-0.009
44486	0.041	-0.094	-0.061	0.100	0.100	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	1.000	-0.009	-0.009	-0.009
44246	-0.055	-0.059	0.188	-0.127	-0.087	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	1.000	-0.009	-0.009
44458	0.130	-0.129	-0.061	0.148	0.185	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	1.000	-0.009
44488	0.050	-0.126	-0.061	0.115	0.123	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	1.000

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
mStruct_RES.XOther_B	0.001	0.000	34.844	0.00%		
mStruct_RES.XHeat1_B	0.001	0.000	18.425	0.00%		
mStruct_RES.XCool1_B	0.001	0.000	15.826	0.00%		
mStruct_RES.XCool2_B	0.000	0.000	5.699	0.00%		
MBin.Sep14	-0.105	0.023	-4.579	0.00%		
MBin.Dec15	-0.071	0.023	-3.117	0.24%		
MBin.May16	0.069	0.023	3.066	0.28%		
MBin.Sep16	-0.118	0.026	-4.616	0.00%		
MBin.Oct16	0.079	0.025	3.108	0.25%		
MBin.Jan17	-0.065	0.022	-2.887	0.48%		
MBin.Aug17	-0.081	0.023	-3.545	0.06%		
MBin.Oct17	-0.099	0.023	-4.412	0.00%		
MBin.Feb19	0.055	0.023	2.382	1.92%		
MBin.Sep19	-0.069	0.026	-2.670	0.89%		
MBin.Oct19	-0.095	0.025	-3.735	0.03%		
AR(1)	0.631	0.096	6.560	0.00%		

Model Statistics	
Iterations	29
Adjusted Observations	110
Deg. of Freedom for Error	94
R-Squared	0.986
Adjusted R-Squared	0.983
AIC	-7.1231
BIC	-6.7303
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	251.686
Model Sum of Squares	4.59
Sum of Squared Errors	0.07
Mean Squared Error	0.001
Std. Error of Regression	0.027
Mean Abs. Dev. (MAD)	0.020
Mean Abs. % Err. (MAPE)	2.00%
Durbin-Watson Statistic	1.729
Durbin-H Statistic	#NA
Ljung-Box Statistic	38.12
Prob (Ljung-Box)	0.0337
Skewness	0.039
Kurtosis	2.627
Jarque-Bera	0.664
Prob (Jarque-Bera)	0.7173

Forecast Statistics	
Forecast Observations	16
Mean Abs. Dev. (MAD)	0.020
Mean Abs. % Err. (MAPE)	1.95%
Avg. Forecast Error	-0.009
Mean % Error	-0.61%
Root Mean-Square Error	0.025
Theil's Inequality Coefficient	0.0114
-- Bias Proportion	12.20%
-- Variance Proportion	31.56%
-- Covariance Proportion	56.25%

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2011	1	1.2721				
2011	2	1.0054	0.982668226	0.022693484	0.022572457	0.854465042
2011	3	0.8234	0.820010866	0.003351526	0.004070536	0.126193138
2011	4	0.8623	0.819430513	0.042866539	0.049712032	1.614029741
2011	5	1.0888	1.082504352	0.006343056	0.005825478	0.238831546
2011	6	1.2412	1.244949452	-0.003772674	-0.003039594	-0.142050381
2011	7	1.3772	1.383582744	-0.006357387	-0.004616084	-0.239371145
2011	8	1.4239	1.46425699	-0.040354248	-0.028340593	-1.519435878
2011	9	1.3892	1.35769408	0.031531975	0.022697512	1.187255788
2011	10	1.1889	1.185272601	0.003581027	0.003012168	0.134834417
2011	11	0.8341	0.855184311	-0.02110835	-0.025307467	-0.794780849
2011	12	0.8087	0.851476128	-0.04276077	-0.052874933	-1.610047296
2012	1	0.9194	0.907910485	0.011503753	0.012512046	0.433144378
2012	2	0.8520	0.831736325	0.020300915	0.023826324	0.764378978
2012	3	0.8432	0.829695839	0.013526176	0.016041061	0.509293515
2012	4	0.9138	0.902421008	0.011373509	0.012446462	0.428240361
2012	5	0.9739	0.949982212	0.023957119	0.024598163	0.902043959
2012	6	1.1848	1.216362681	-0.031571469	-0.026647285	-1.188742828
2012	7	1.2558	1.264863277	-0.00907604	-0.007227371	-0.341735058
2012	8	1.3959	1.379653258	0.016251372	0.011642179	0.611903794
2012	9	1.3017	1.313930955	-0.012239672	-0.009402899	-0.460853511
2012	10	1.1877	1.198357155	-0.010636848	-0.008955684	-0.400503255
2012	11	0.8883	0.930845387	-0.042551583	-0.0479026	-1.602170892
2012	12	0.7823	0.811420114	-0.029080708	-0.037171472	-1.094959577
2013	1	0.8959	0.891585744	0.004326378	0.004829021	0.162898688
2013	2	0.8630	0.84133132	0.021685502	0.025127555	0.816512056
2013	3	0.8739	0.89921813	-0.025348003	-0.029006601	-0.954414124
2013	4	0.8897	0.881446295	0.008227453	0.009247719	0.309783656
2013	5	0.9543	0.950865912	0.003400546	0.003563519	0.128038859
2013	6	1.1434	1.151251952	-0.007826062	-0.006844398	-0.294670321
2013	7	1.2815	1.271189191	0.010283391	0.008024667	0.387194743
2013	8	1.2929	1.29437395	-0.00146263	-0.001131268	-0.055071573
2013	9	1.3428	1.361739002	-0.018964389	-0.014123285	-0.714055506
2013	10	1.1935	1.192615641	0.000839585	0.000703491	0.031612405
2013	11	0.9230	0.9557765	-0.032808567	-0.035546811	-1.235322566
2013	12	0.8153	0.858249778	-0.04296701	-0.052701972	-1.617812717
2014	1	0.9218	0.929449375	-0.007672922	-0.00832406	-0.288904232
2014	2	1.0698	1.020000081	0.049759052	0.046514258	1.873549693
2014	3	0.8315	0.802247461	0.029248842	0.035176154	1.101290245
2014	4	0.7933	0.791646235	0.001639312	0.002066484	0.061724087
2014	5	0.9530	0.963347418	-0.010381516	-0.010893901	-0.390889418
2014	6	1.1681	1.193236865	-0.02515721	-0.021537239	-0.947230324
2014	7	1.3028	1.309034007	-0.006270003	-0.004812847	-0.236080915
2014	8	1.3912	1.34374874	0.04745754	0.034112511	1.786892127
2014	9	1.3801	1.377374905	0.002694419	0.001952379	0.101451446
2014	10	1.1325	1.128222177	0.00426695	0.003767763	0.16066108

2014	11	0.8575	0.914200309	-0.056667914	-0.066082534	-2.133685177
2014	12	0.9074	0.927864823	-0.020477527	-0.02256757	-0.77102883
2015	1	0.9146	0.924993922	-0.0104118	-0.011384215	-0.392029655
2015	2	0.9201	0.907377151	0.012675903	0.013777361	0.477278674
2015	3	0.9616	0.900414494	0.06118823	0.063631507	2.303886114
2015	4	0.9344	0.948326894	-0.013960376	-0.014941006	-0.52564221
2015	5	1.0417	1.093716658	-0.052064947	-0.049983067	-1.96037226
2015	6	1.2552	1.243600371	0.011625757	0.009261883	0.437738109
2015	7	1.3851	1.372985143	0.012136515	0.008762057	0.456969399
2015	8	1.3183	1.31504574	0.003220509	0.002442988	0.121260009
2015	9	1.3260	1.34641165	-0.020434815	-0.01541114	-0.769420628
2015	10	1.1453	1.173030585	-0.027732618	-0.024214326	-1.044200719
2015	11	1.0182	1.009442973	0.00877377	0.0086168	0.330353843
2015	12	0.8634	0.857354236	0.006004111	0.006954368	0.226069435
2016	1	0.9239	0.91435296	0.009508263	0.010291873	0.358009286
2016	2	0.9802	0.997088376	-0.016874084	-0.017214689	-0.635350429
2016	3	0.8799	0.830148056	0.049738324	0.056528121	1.872769209
2016	4	0.8798	0.897379085	-0.017562537	-0.01996159	-0.661272368
2016	5	1.0012	0.983301272	0.017936861	0.01791468	0.675366571
2016	6	1.2448	1.216402312	0.028405268	0.022819003	1.069527615
2016	7	1.4581	1.439141669	0.018994254	0.013026395	0.715179987
2016	8	1.4474	1.425649093	0.021750536	0.015027319	0.818960734
2016	9	1.3625	1.364010544	-0.001498651	-0.001099918	-0.056427876
2016	10	1.3613	1.363668068	-0.002373302	-0.001743415	-0.089360614
2016	11	0.9213	0.925036928	-0.003758421	-0.004079571	-0.141513732
2016	12	0.8111	0.79295334	0.018149987	0.022376911	0.683391277
2017	1	0.8824	0.871043275	0.011388178	0.012905454	0.428792685
2017	2	0.8446	0.826554742	0.018034608	0.021353108	0.679046963
2017	3	0.7707	0.747388549	0.023289729	0.030219782	0.876915114
2017	4	0.8812	0.846279255	0.034923793	0.039631948	1.314966009
2017	5	1.0475	0.99447126	0.0530449	0.050638741	1.997269867
2017	6	1.2040	1.1797868	0.024206136	0.020104882	0.911420059
2017	7	1.3291	1.324990197	0.004159423	0.003129386	0.156612415
2017	8	1.3410	1.360264462	-0.019305652	-0.014396901	-0.726904883
2017	9	1.3399	1.370425862	-0.03057292	-0.022818116	-1.151144992
2017	10	1.1543	1.161340837	-0.007040526	-0.006099388	-0.265092971
2017	11	0.9585	0.96961138	-0.011149555	-0.011632759	-0.419807947
2017	12	0.8231	0.792033016	0.031096313	0.037778162	1.170852026
2018	1	1.0363	1.022708551	0.013582569	0.013106905	0.511416872
2018	2	0.9985	0.954198836	0.044290858	0.044357852	1.667658845
2018	3	0.8683	0.880673786	-0.012378494	-0.014256088	-0.466080497
2018	4	0.8559	0.823049036	0.032862036	0.038394218	1.237335809
2018	5	0.9043	0.929433253	-0.025174997	-0.027840494	-0.947900031
2018	6	1.1423	1.15709928	-0.014836595	-0.012988777	-0.558634004
2018	7	1.3189	1.284475473	0.034459318	0.026126628	1.297477375
2018	8	1.2962	1.303563429	-0.007394044	-0.005704535	-0.278403783
2018	9	1.3136	1.343440572	-0.029875136	-0.022743546	-1.12487175

2018	10	1.3187	1.308593663	0.010072776	0.007638608	0.379264603
2018	11	0.9829	0.979326431	0.00353189	0.003593488	0.132984275
2018	12	0.8790	0.90389155	-0.024928313	-0.028361042	-0.938611797
2019	1	0.8913	0.902030571	-0.010750562	-0.012061936	-0.40478489
2019	2	0.9463	0.926222544	0.020075399	0.02121467	0.755887739
2019	3	0.8566	0.824787061	0.031791911	0.037114979	1.19704298
2019	4	0.8179	0.806787731	0.011083751	0.013551947	0.417330268
2019	5	1.0220	1.001899801	0.020058489	0.019627503	0.755251042
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2019	7	1.3545	1.362321678	-0.007822295	-0.005775045	-0.294528468
2019	8	1.2691	1.269051403	9.05185E-05	7.13226E-05	0.003408241
2019	9	1.3446	1.3626528	-0.018086859	-0.01345182	-0.681014365
2019	10	1.1728	1.201465822	-0.028642809	-0.024422106	-1.078471605
2019	11	1.0252	1.070592866	-0.045359477	-0.044243075	-1.707894962
2019	12	0.8036	0.765755579	0.037854242	0.047105251	1.425304545
2020	1	0.8520	0.870075417	-0.018111209	-0.02125818	-0.68193119
2020	2	0.8582	0.840115501	0.018094451	0.021083944	0.681300208
2020	3	0.8621	0.890130223	-0.027995239	-0.03247199	-1.054089019
2020	4	1.0323	1.03097615	0.001287154	0.001246924	0.048464499
2020	5	1.0090	1.025381905	-0.016373327	-0.016227144	-0.616495706
2020	6	1.1999	1.244862286	-0.044946694	-0.037458213	-1.692352663
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2020	8	1.3505	1.356887652	-0.006420774	-0.004754485	-0.241757813
2020	9	1.3243	1.342127358	-0.017808376	-0.013447196	-0.670528804
2020	10	1.1526	1.152161454	0.000390595	0.000338896	0.01470685
2020	11	1.0186	1.004530365	0.014054578	0.013798141	0.529189154
2020	12	0.8733	0.877531761	-0.004193457	-0.004801641	-0.1578939
2021	1	0.9984	1.025232072	-0.026855445	-0.026899112	-1.011172991
2021	2	0.9023	0.900847997	0.001497563	0.001659634	0.056386905
2021	3	0.8249	0.778752787	0.046156576	0.055953513	1.737907684
2021	4	0.8737	0.844197335	0.029533345	0.033801429	1.112002494
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2022	1		0.983020508			
2022	2		0.82529206			
2022	3		0.772615824			
2022	4		0.743156835			
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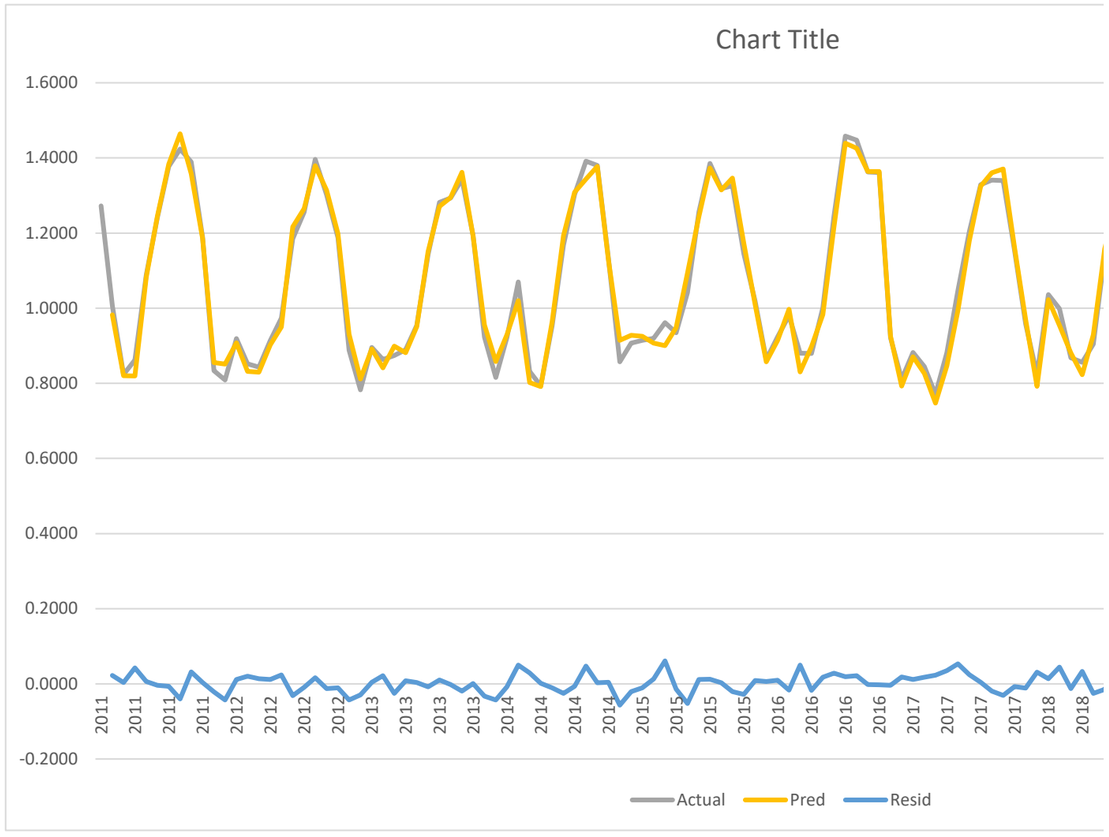
2022	6		1.136718262			
2022	7		1.295844141			
2022	8		1.382352066			



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2023	6	1.132297728
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2024	1	0.916935112
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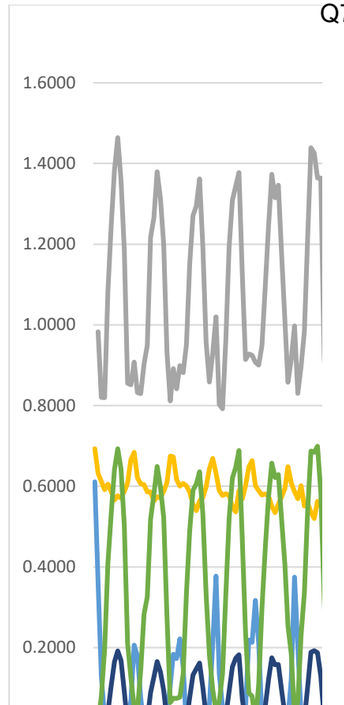
2018
2018
2019
2019
2019
2019
2020
2020
2020
2020
2021
2021
2021

Variable	Coefficient	Mean	Elast	Units	Definition
XOther_B	0.001	599.786	0.543		
XHeat1_B	0.001	142.684	0.067		
XCool1_B	0.001	279.240	0.333		
XCool2_B	0.000	281.201	0.059		
44453	-0.105	0.009	-0.001		
44545	-0.071	0.009	-0.001		
44332	0.069	0.009	0.001		
44455	-0.118	0.009	-0.001		
44485	0.079	0.009	0.001		
44213	-0.065	0.009	-0.001		
44425	-0.081	0.009	-0.001		
44486	-0.099	0.009	-0.001		
44246	0.055	0.009	0.000		
44458	-0.069	0.009	-0.001		
44488	-0.095	0.009	-0.001		

Duke Energy Florida
Docket No. 20220143
DEF's Response to Staff's DR 1
Q7c

Year	Month	Pred	XOther_B	XHeat1_B	XCool1_B	XCool2_B	14-Sep	15-Dec	16-May	16-Sep	16-Oct	17-Jan	17-Aug	17-Oct	19-Feb	19-Sep	19-Oct	ARMA	X-Missing
2011	1		0.6930	0.6111	0.0055	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
2011	2	0.9827	0.6322	0.3631	0.0110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0237	0.0000
2011	3	0.8200	0.6124	0.1287	0.0795	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0006	0.0000
2011	4	0.8194	0.5917	0.0266	0.1945	0.0048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0017	0.0000
2011	5	1.0825	0.6054	0.0001	0.4093	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0282	0.0000
2011	6	1.2449	0.5872	0.0000	0.5308	0.1051	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0218	0.0000
2011	7	1.3836	0.5656	0.0000	0.6417	0.1649	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0000
2011	8	1.4643	0.5763	0.0000	0.6930	0.1917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0032	0.0000
2011	9	1.3577	0.5706	0.0000	0.6427	0.1679	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0235	0.0000
2011	10	1.1853	0.5872	0.0008	0.5016	0.0906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0051	0.0000
2011	11	0.8552	0.6080	0.0252	0.2098	0.0066	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0055	0.0000
2011	12	0.8515	0.6662	0.0681	0.1263	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0099	0.0000
2012	1	0.9079	0.6843	0.2061	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0332	0.0000
2012	2	0.8317	0.6206	0.1788	0.0461	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0137	0.0000
2012	3	0.8297	0.6059	0.0759	0.1437	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0042	0.0000
2012	4	0.9024	0.6041	0.0035	0.2824	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0112	0.0000
2012	5	0.9500	0.5855	0.0035	0.3256	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0142	0.0000
2012	6	1.2164	0.5856	0.0000	0.5184	0.0883	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0241	0.0000
2012	7	1.2649	0.5635	0.0000	0.5796	0.1265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0047	0.0000
2012	8	1.3797	0.5737	0.0000	0.6492	0.1654	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0087	0.0000
2012	9	1.3139	0.5715	0.0000	0.5981	0.1395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0048	0.0000
2012	10	1.1984	0.5877	0.0000	0.5218	0.0935	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0047	0.0000
2012	11	0.9308	0.6090	0.0361	0.2751	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0097	0.0000
2012	12	0.8114	0.6747	0.1057	0.0639	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0330	0.0000
2013	1	0.8916	0.6727	0.1836	0.0745	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0392	0.0000
2013	2	0.8413	0.6162	0.1730	0.0741	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0220	0.0000
2013	3	0.8992	0.6003	0.2219	0.0772	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0002	0.0000
2013	4	0.8814	0.6071	0.1525	0.1338	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0161	0.0000
2013	5	0.9509	0.6006	0.0039	0.3345	0.0168	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0050	0.0000
2013	6	1.1513	0.5851	0.0000	0.4907	0.0764	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0010	0.0000
2013	7	1.2712	0.5550	0.0000	0.5899	0.1319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0056	0.0000
2013	8	1.2944	0.5394	0.0000	0.6050	0.1470	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000
2013	9	1.3617	0.5636	0.0000	0.6356	0.1616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000
2013	10	1.1926	0.5718	0.0000	0.5312	0.1009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0114	0.0000
2013	11	0.9558	0.5983	0.0035	0.3313	0.0293	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0067	0.0000
2013	12	0.8582	0.6433	0.0579	0.1813	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0249	0.0000
2014	1	0.9294	0.6691	0.2069	0.0963	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0429	0.0000
2014	2	1.0200	0.6328	0.3772	0.0419	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0319	0.0000
2014	3	0.8022	0.5888	0.1344	0.0678	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0113	0.0000
2014	4	0.7916	0.5769	0.0523	0.1350	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0256	0.0000
2014	5	0.9633	0.5816	0.0021	0.3327	0.0298	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0172	0.0000
2014	6	1.1932	0.5770	0.0000	0.5202	0.0917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0043	0.0000
2014	7	1.3090	0.5495	0.0000	0.6204	0.1522	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0132	0.0000
2014	8	1.3437	0.5361	0.0000	0.6465	0.1734	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0123	0.0000
2014	9	1.3774	0.5892	0.0000	0.6882	0.1824	-0.1046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0222	0.0000
2014	10	1.1282	0.5683	0.0000	0.4702	0.0740	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0157	0.0000



2014	11	0.9142	0.6009	0.0488	0.2374	0.0144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0126	0.0000
2014	12	0.9279	0.6479	0.2186	0.0880	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0278	0.0000
2015	1	0.9250	0.6634	0.2127	0.0793	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0305	0.0000
2015	2	0.9074	0.6014	0.3170	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0258	0.0000
2015	3	0.9004	0.5888	0.2096	0.1083	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0083	0.0000
2015	4	0.9483	0.5783	0.0261	0.2972	0.0133	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0334	0.0000
2015	5	1.0937	0.5809	0.0024	0.4450	0.0531	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0123	0.0000
2015	6	1.2436	0.5759	0.0000	0.5728	0.1200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0251	0.0000
2015	7	1.3730	0.5498	0.0000	0.6571	0.1746	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0085	0.0000
2015	8	1.3150	0.5343	0.0000	0.6214	0.1570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0023	0.0000
2015	9	1.3464	0.5559	0.0000	0.6291	0.1579	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000
2015	10	1.1730	0.5737	0.0000	0.5165	0.0936	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0107	0.0000
2015	11	1.0094	0.5942	0.0006	0.4050	0.0338	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0243	0.0000
2015	12	0.8574	0.6485	0.0236	0.2536	0.0125	0.0000	-0.0711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0098	0.0000
2016	1	0.9144	0.6085	0.1228	0.1841	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0024	0.0000
2016	2	0.9971	0.5863	0.3745	0.0316	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0045	0.0000
2016	3	0.8301	0.5687	0.2018	0.0669	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0078	0.0000
2016	4	0.8974	0.6014	0.0340	0.2313	0.0042	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0265	0.0000
2016	5	0.9833	0.5506	0.0002	0.3361	0.0216	0.0000	0.0000	0.0692	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0056	0.0000
2016	6	1.2164	0.5577	0.0000	0.5414	0.1024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0149	0.0000
2016	7	1.4391	0.5359	0.0000	0.6870	0.1889	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0273	0.0000
2016	8	1.4256	0.5202	0.0000	0.6840	0.1922	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0293	0.0000
2016	9	1.3640	0.5626	0.0000	0.6994	0.1875	0.0000	0.0000	0.0000	-0.1177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0322	0.0000
2016	10	1.3637	0.5510	0.0000	0.5851	0.1294	0.0000	0.0000	0.0000	0.0000	0.0789	0.0000	0.0000	0.0000	0.0000	0.0000	0.0194	0.0000
2016	11	0.9250	0.5583	0.0038	0.3268	0.0254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0107	0.0000
2016	12	0.7930	0.6046	0.0598	0.1239	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0044	0.0000
2017	1	0.8710	0.6484	0.1218	0.1513	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0648	0.0000	0.0000	0.0000	0.0000	0.0142	0.0000
2017	2	0.8266	0.5667	0.1653	0.0784	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0162	0.0000
2017	3	0.7474	0.5529	0.0581	0.1147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0216	0.0000
2017	4	0.8463	0.5463	0.0494	0.2160	0.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0284	0.0000
2017	5	0.9945	0.5455	0.0006	0.3780	0.0304	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0400	0.0000
2017	6	1.1798	0.5441	0.0000	0.5012	0.0757	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0587	0.0000
2017	7	1.3250	0.5243	0.0000	0.6098	0.1386	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0524	0.0000
2017	8	1.3603	0.5304	0.0000	0.6900	0.1847	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0805	0.0000	0.0000	0.0000	0.0357	0.0000
2017	9	1.3704	0.5268	0.0000	0.6606	0.1727	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0103	0.0000
2017	10	1.1613	0.5379	0.0000	0.5992	0.1364	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0994	0.0000	0.0000	-0.0128	0.0000
2017	11	0.9696	0.5589	0.0337	0.3416	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0125	0.0000
2017	12	0.7920	0.6089	0.0726	0.1254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0149	0.0000
2018	1	1.0227	0.6048	0.3494	0.0583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0102	0.0000
2018	2	0.9542	0.5806	0.2853	0.0730	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0150	0.0000
2018	3	0.8807	0.5678	0.0822	0.1921	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0375	0.0000
2018	4	0.8230	0.5508	0.0704	0.1846	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0158	0.0000
2018	5	0.9294	0.5204	0.0020	0.3559	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0307	0.0000
2018	6	1.1571	0.5388	0.0000	0.5298	0.0850	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000
2018	7	1.2845	0.5153	0.0000	0.6278	0.1485	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0071	0.0000
2018	8	1.3036	0.4980	0.0000	0.6315	0.1568	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0172	0.0000
2018	9	1.3434	0.5227	0.0000	0.6518	0.1627	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0062	0.0000

2018	10	1.3086	0.5265	0.0000	0.6373	0.1598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0149	0.0000
2018	11	0.9793	0.5415	0.0069	0.3870	0.0471	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0031	0.0000
2018	12	0.9039	0.5842	0.1692	0.1461	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
2019	1	0.9020	0.6002	0.2362	0.0810	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0156	0.0000
2019	2	0.9262	0.5529	0.2903	0.0448	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0549	0.0000	0.0000	-0.0166	0.0000
2019	3	0.8248	0.5668	0.0712	0.1827	0.0019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000
2019	4	0.8068	0.5571	0.0374	0.1852	0.0056	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0215	0.0000
2019	5	1.0019	0.5390	0.0000	0.4034	0.0389	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0205	0.0000
2019	6	1.3312	0.5382	0.0000	0.6262	0.1412	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0256	0.0000
2019	7	1.3623	0.5148	0.0000	0.6773	0.1753	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0051	0.0000
2019	8	1.2691	0.4972	0.0000	0.6293	0.1507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0082	0.0000
2019	9	1.3627	0.5225	0.0000	0.7156	0.1983	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0687	0.0000	-0.0051	0.0000
2019	10	1.2015	0.5238	0.0000	0.6337	0.1532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0947	-0.0146	0.0000
2019	11	1.0706	0.5345	0.0142	0.4679	0.0813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0273	0.0000
2019	12	0.7658	0.5771	0.1165	0.1137	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0459	0.0000
2020	1	0.8701	0.6024	0.1177	0.1550	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0051	0.0000
2020	2	0.8401	0.5496	0.1901	0.1141	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0146	0.0000
2020	3	0.8901	0.5655	0.1257	0.1923	0.0045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000
2020	4	1.0310	0.5715	0.0103	0.4229	0.0425	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0163	0.0000
2020	5	1.0254	0.5497	0.0000	0.4399	0.0453	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0095	0.0000
2020	6	1.2449	0.5448	0.0000	0.5976	0.1188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0163	0.0000
2020	7	1.4350	0.5189	0.0000	0.7431	0.2117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0387	0.0000
2020	8	1.3569	0.4903	0.0000	0.7045	0.1988	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0368	0.0000
2020	9	1.3421	0.5037	0.0000	0.6828	0.1828	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0273	0.0000
2020	10	1.1522	0.5097	0.0000	0.5575	0.1134	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0285	0.0000
2020	11	1.0045	0.5160	0.0007	0.4404	0.0651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0177	0.0000
2020	12	0.8775	0.5680	0.1283	0.1768	0.0067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0023	0.0000
2021	1	1.0252	0.6150	0.3773	0.0371	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0041	0.0000
2021	2	0.9008	0.5745	0.2853	0.0606	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0196	0.0000
2021	3	0.7788	0.5648	0.0814	0.1427	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0114	0.0000
2021	4	0.8442	0.5354	0.0503	0.2279	0.0086	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0219	0.0000
2021	5	1.0215	0.5123	0.0039	0.4239	0.0490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0325	0.0000
2021	6	1.2136	0.5234	0.0000	0.5794	0.1117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0009	0.0000
2021	7	1.2838	0.5057	0.0000	0.6441	0.1509	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0169	0.0000
2021	8	1.3163	0.4892	0.0000	0.6815	0.1806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0351	0.0000
2021	9	1.3241	0.5077	0.0000	0.6700	0.1685	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0222	0.0000
2021	10	1.1543	0.5137	0.0000	0.5528	0.1017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0140	0.0000
2021	11	0.8518	0.5166	0.0126	0.3105	0.0210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0088	0.0000
2021	12	0.7875	0.5649	0.1112	0.1159	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0056	0.0000
2022	1	0.9830	0.5809	0.3416	0.0640	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	0.0000
2022	2	0.8253	0.5046	0.3008	0.0221	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0022	0.0000
2022	3	0.7726	0.5202	0.1720	0.0815	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0014	0.0000
2022	4	0.7432	0.5116	0.0522	0.1776	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0009	0.0000
2022	5	0.8909	0.5174	0.0056	0.3481	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0006	0.0000
2022	6	1.1367	0.5137	0.0002	0.5343	0.0889	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0004	0.0000
2022	7	1.2958	0.4949	0.0000	0.6455	0.1557	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0002	0.0000
2022	8	1.3824	0.5015	0.0000	0.6981	0.1829	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000

2022	9	1.3232	0.4936	0.0000	0.6613	0.1684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
2022	10	1.1693	0.5033	0.0000	0.5585	0.1075	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
2022	11	0.8820	0.5169	0.0103	0.3300	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2022	12	0.7978	0.5675	0.1036	0.1253	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	1	0.9743	0.5762	0.3336	0.0646	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	2	0.8681	0.5264	0.3171	0.0246	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	3	0.7646	0.5142	0.1687	0.0815	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	4	0.7501	0.5141	0.0507	0.1825	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	5	0.8718	0.5033	0.0052	0.3427	0.0205	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	6	1.1323	0.5091	0.0001	0.5335	0.0896	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	7	1.2884	0.4904	0.0000	0.6426	0.1554	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	8	1.3671	0.4945	0.0000	0.6913	0.1813	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	9	1.3129	0.4892	0.0000	0.6567	0.1670	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	10	1.1529	0.4971	0.0000	0.5506	0.1052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	11	0.8727	0.5139	0.0105	0.3245	0.0237	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2023	12	0.7888	0.5610	0.1044	0.1221	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	1	0.9169	0.5404	0.3151	0.0614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	2	0.8729	0.5252	0.3224	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	3	0.7594	0.5093	0.1714	0.0784	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	4	0.7320	0.5050	0.0563	0.1684	0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	5	0.8586	0.5027	0.0054	0.3325	0.0179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	6	1.1677	0.5281	0.0002	0.5496	0.0898	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	7	1.2750	0.4840	0.0000	0.6373	0.1536	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	8	1.3627	0.4903	0.0000	0.6908	0.1815	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	9	1.3129	0.4867	0.0000	0.6585	0.1677	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	10	1.1425	0.4896	0.0000	0.5477	0.1052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	11	0.8721	0.5086	0.0101	0.3284	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2024	12	0.7668	0.5465	0.0939	0.1250	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	1	1.0096	0.5940	0.3505	0.0651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	2	0.8412	0.5123	0.3045	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	3	0.7505	0.5010	0.1661	0.0831	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	4	0.7202	0.4918	0.0448	0.1809	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	5	0.8770	0.4994	0.0042	0.3513	0.0221	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	6	1.1287	0.4992	0.0001	0.5366	0.0927	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	7	1.2593	0.4744	0.0000	0.6317	0.1531	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	8	1.2885	0.4599	0.0000	0.6554	0.1732	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	9	1.3569	0.5024	0.0000	0.6819	0.1725	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	10	1.1107	0.4801	0.0000	0.5319	0.0987	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	11	0.8473	0.5030	0.0123	0.3104	0.0216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2025	12	0.7654	0.5422	0.1056	0.1165	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	1	0.9592	0.5584	0.3402	0.0606	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	2	0.8255	0.5055	0.2958	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	3	0.7417	0.4959	0.1626	0.0829	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	4	0.7329	0.4991	0.0437	0.1872	0.0029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	5	0.8566	0.4830	0.0039	0.3470	0.0228	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	6	1.1195	0.4934	0.0001	0.5332	0.0928	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	7	1.2509	0.4705	0.0000	0.6281	0.1523	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000

2026	8	1.2757	0.4545	0.0000	0.6495	0.1717	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	9	1.2728	0.4701	0.0000	0.6404	0.1623	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	10	1.1246	0.4809	0.0000	0.5407	0.1029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	11	0.8442	0.4939	0.0112	0.3160	0.0231	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2026	12	0.7597	0.5395	0.0993	0.1198	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	1	0.9614	0.5614	0.3378	0.0621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	2	0.8476	0.5191	0.3025	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	3	0.7668	0.5153	0.1634	0.0878	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	4	0.7362	0.4984	0.0374	0.1972	0.0034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	5	0.8569	0.4752	0.0032	0.3534	0.0251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	6	1.1220	0.4880	0.0001	0.5373	0.0966	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	7	1.2549	0.4700	0.0000	0.6310	0.1539	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	8	1.2683	0.4505	0.0000	0.6465	0.1714	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2027	9	1.2647	0.4684	0.0000	0.6363	0.1600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	10	1.1000	0.4760	0.0000	0.5271	0.0970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	11	0.8100	0.4808	0.0119	0.2971	0.0201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	12	0.7451	0.5274	0.1056	0.1112	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	1	0.8345	0.4917	0.2860	0.0567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	2	0.8819	0.5300	0.3257	0.0261	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	3	0.7283	0.4895	0.1607	0.0779	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	4	0.7408	0.5065	0.0538	0.1780	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2028	5	0.8467	0.4850	0.0052	0.3365	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	6	1.0907	0.4849	0.0001	0.5186	0.0871	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	7	1.3022	0.4891	0.0000	0.6547	0.1584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	8	1.2607	0.4491	0.0000	0.6425	0.1691	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2028	9	1.3294	0.4900	0.0000	0.6698	0.1696	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	10	1.0947	0.4715	0.0000	0.5255	0.0977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	11	0.8109	0.4786	0.0105	0.3010	0.0208	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	12	0.7370	0.5233	0.0998	0.1128	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	1	0.9280	0.5455	0.3203	0.0622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	2	0.8582	0.5222	0.3103	0.0257	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	3	0.7600	0.5110	0.1605	0.0881	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	4	0.7302	0.4959	0.0380	0.1932	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	5	0.8475	0.4698	0.0027	0.3506	0.0245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	6	1.1210	0.4864	0.0001	0.5379	0.0966	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	7	1.2415	0.4640	0.0000	0.6251	0.1524	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	8	1.2619	0.4469	0.0000	0.6441	0.1709	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	9	1.2663	0.4679	0.0000	0.6379	0.1605	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	10	1.0869	0.4693	0.0000	0.5216	0.0960	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	11	0.8094	0.4804	0.0116	0.2972	0.0201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	12	0.7338	0.5200	0.1009	0.1119	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2030	1	0.9228	0.5419	0.3202	0.0607	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	2	0.8159	0.4969	0.2955	0.0235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	3	0.7608	0.5092	0.1654	0.0859	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2030	4	0.7374	0.5006	0.0404	0.1934	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2030	5	0.8738	0.4848	0.0028	0.3607	0.0255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	6	1.1191	0.4839	0.0001	0.5378	0.0973	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2030	7	1.2389	0.4623	0.0000	0.6243	0.1523	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	8	1.2608	0.4453	0.0000	0.6442	0.1713	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2030	9	1.2642	0.4669	0.0000	0.6372	0.1601	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	10	1.0782	0.4666	0.0000	0.5173	0.0942	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	11	0.7990	0.4753	0.0114	0.2929	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	12	0.7267	0.5162	0.0986	0.1109	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	1	0.9300	0.5456	0.3244	0.0599	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	2	0.8107	0.4957	0.2912	0.0238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2031	3	0.7255	0.4849	0.1589	0.0814	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	4	0.7079	0.4818	0.0429	0.1805	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	5	0.8450	0.4782	0.0040	0.3413	0.0215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	6	1.1009	0.4836	0.0001	0.5263	0.0909	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	7	1.2297	0.4598	0.0000	0.6197	0.1502	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	8	1.2587	0.4458	0.0000	0.6430	0.1699	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	9	1.3257	0.4872	0.0000	0.6692	0.1693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	10	1.0846	0.4656	0.0000	0.5221	0.0969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	11	0.8256	0.4879	0.0118	0.3048	0.0212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	12	0.7426	0.5259	0.1013	0.1144	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2032	1	0.9318	0.5449	0.3270	0.0598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	2	0.8017	0.4934	0.2844	0.0239	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	3	0.7188	0.4843	0.1534	0.0808	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	4	0.7093	0.4829	0.0451	0.1786	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	5	0.8389	0.4761	0.0044	0.3374	0.0210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	6	1.0857	0.4792	0.0002	0.5182	0.0881	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	7	1.2337	0.4617	0.0000	0.6218	0.1502	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2032	8	1.2595	0.4469	0.0000	0.6434	0.1692	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2032	9	1.2580	0.4602	0.0000	0.6358	0.1620	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	10	1.1158	0.4707	0.0000	0.5403	0.1048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	11	0.8268	0.4738	0.0085	0.3198	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	12	0.7220	0.5137	0.0866	0.1205	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	1	0.9500	0.5676	0.3158	0.0665	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	2	0.8186	0.4966	0.2984	0.0235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	3	0.7220	0.4842	0.1593	0.0783	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	4	0.6979	0.4764	0.0483	0.1707	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2033	5	0.8421	0.4824	0.0052	0.3349	0.0196	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2033	6	1.0794	0.4792	0.0002	0.5144	0.0856	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	7	1.2335	0.4617	0.0000	0.6219	0.1500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	8	1.3170	0.4679	0.0000	0.6728	0.1763	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	9	1.2608	0.4609	0.0000	0.6375	0.1623	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	10	1.1118	0.4699	0.0000	0.5383	0.1037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	11	0.8340	0.4826	0.0096	0.3180	0.0239	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	12	0.7488	0.5304	0.0963	0.1208	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	1	0.9154	0.5432	0.3095	0.0627	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	2	0.8151	0.4968	0.2944	0.0239	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	3	0.7212	0.4852	0.1566	0.0792	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	4	0.7126	0.4855	0.0471	0.1774	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	5	0.8337	0.4756	0.0049	0.3333	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2034	6	1.0874	0.4811	0.0001	0.5189	0.0872	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	7	1.2401	0.4636	0.0000	0.6253	0.1512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2034	8	1.3168	0.4675	0.0000	0.6728	0.1765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	9	1.2648	0.4628	0.0000	0.6394	0.1626	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	10	1.1087	0.4702	0.0000	0.5361	0.1024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	11	0.8350	0.4861	0.0098	0.3160	0.0231	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	12	0.7481	0.5307	0.0972	0.1189	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	1	0.9174	0.5438	0.3111	0.0625	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	2	0.8479	0.5207	0.3014	0.0258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	3	0.7545	0.5096	0.1559	0.0886	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	4	0.7290	0.4949	0.0369	0.1942	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	5	0.8486	0.4689	0.0026	0.3524	0.0246	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2035	6	1.1235	0.4856	0.0001	0.5407	0.0971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	7	1.2450	0.4633	0.0000	0.6284	0.1532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	8	1.2655	0.4463	0.0000	0.6475	0.1718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2035	9	1.2697	0.4671	0.0000	0.6412	0.1614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2035	10	1.0890	0.4683	0.0000	0.5242	0.0965	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	11	0.8094	0.4792	0.0113	0.2987	0.0202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	12	0.7299	0.5184	0.0980	0.1124	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2036	1	0.9166	0.5436	0.3116	0.0613	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	2	0.8100	0.4987	0.2876	0.0237	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	3	0.7293	0.4929	0.1533	0.0828	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	4	0.7373	0.5028	0.0467	0.1850	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	5	0.8075	0.4591	0.0039	0.3248	0.0196	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	6	1.0996	0.4871	0.0002	0.5245	0.0878	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	7	1.2370	0.4625	0.0000	0.6238	0.1507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	8	1.3301	0.4711	0.0000	0.6800	0.1790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	9	1.3386	0.4910	0.0000	0.6765	0.1712	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	10	1.0948	0.4690	0.0000	0.5278	0.0979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	11	0.8277	0.4880	0.0116	0.3067	0.0214	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	12	0.7501	0.5327	0.0992	0.1171	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	1	0.9321	0.5507	0.3207	0.0607	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	2	0.8020	0.4987	0.2789	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	3	0.7264	0.4897	0.1534	0.0831	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	4	0.7098	0.4828	0.0406	0.1837	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	5	0.8673	0.4881	0.0043	0.3520	0.0229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	6	1.1162	0.4881	0.0001	0.5349	0.0930	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	7	1.2490	0.4658	0.0000	0.6303	0.1529	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2037	8	1.2745	0.4502	0.0000	0.6520	0.1723	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	9	1.2717	0.4658	0.0000	0.6429	0.1629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2037	10	1.1227	0.4763	0.0000	0.5431	0.1034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	11	0.8402	0.4890	0.0106	0.3174	0.0232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	12	0.7491	0.5337	0.0939	0.1203	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	1	0.9440	0.5605	0.3205	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	2	0.8318	0.5184	0.2871	0.0263	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	3	0.7592	0.5149	0.1551	0.0889	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	4	0.7370	0.4985	0.0355	0.1997	0.0034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2038	5	0.8618	0.4755	0.0030	0.3579	0.0254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	6	1.1305	0.4884	0.0001	0.5442	0.0979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	7	1.2657	0.4707	0.0000	0.6392	0.1558	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	8	1.2797	0.4512	0.0000	0.6549	0.1736	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	9	1.2758	0.4692	0.0000	0.6445	0.1621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	10	1.1086	0.4765	0.0000	0.5339	0.0982	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	11	0.8136	0.4809	0.0113	0.3010	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2038	12	0.7409	0.5270	0.1003	0.1127	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	1	0.8746	0.5236	0.2905	0.0605	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	2	0.8219	0.5058	0.2920	0.0241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	3	0.7293	0.4932	0.1559	0.0800	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	4	0.7190	0.4913	0.0473	0.1779	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	5	0.8497	0.4861	0.0051	0.3386	0.0199	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	6	1.1017	0.4885	0.0002	0.5255	0.0875	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2039	7	1.2594	0.4709	0.0000	0.6353	0.1532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	8	1.3447	0.4773	0.0000	0.6873	0.1801	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	9	1.2871	0.4701	0.0000	0.6512	0.1658	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	10	1.1346	0.4790	0.0000	0.5498	0.1059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	11	0.8502	0.4916	0.0094	0.3248	0.0244	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2039	12	0.7588	0.5399	0.0942	0.1234	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	1	0.9240	0.5547	0.3051	0.0642	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	2	0.8149	0.5041	0.2864	0.0245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	3	0.7265	0.4941	0.1516	0.0804	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	4	0.7142	0.4906	0.0486	0.1725	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2040	5	0.8509	0.4887	0.0048	0.3382	0.0191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	6	1.1029	0.4904	0.0002	0.5259	0.0864	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	7	1.2625	0.4720	0.0000	0.6371	0.1534	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	8	1.3467	0.4776	0.0000	0.6887	0.1804	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	9	1.2956	0.4719	0.0000	0.6561	0.1676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	10	1.1396	0.4791	0.0000	0.5531	0.1074	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2040	11	0.8553	0.4909	0.0087	0.3303	0.0255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2040	12	0.7630	0.5443	0.0891	0.1282	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	1	0.9599	0.5775	0.3160	0.0663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	2	0.8131	0.5060	0.2828	0.0242	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	3	0.7661	0.5188	0.1584	0.0886	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	4	0.7518	0.5106	0.0387	0.1994	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	5	0.8958	0.4948	0.0027	0.3719	0.0263	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2041	6	1.1492	0.4942	0.0001	0.5547	0.1003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	7	1.2735	0.4726	0.0000	0.6439	0.1570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	8	1.2964	0.4552	0.0000	0.6644	0.1767	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	9	1.2995	0.4771	0.0000	0.6572	0.1651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	10	1.1071	0.4764	0.0000	0.5336	0.0971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	11	0.8178	0.4847	0.0109	0.3021	0.0201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2041	12	0.7357	0.5258	0.0944	0.1144	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	1	0.9317	0.5581	0.3115	0.0621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	2	0.8116	0.5073	0.2795	0.0247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	3	0.7338	0.4966	0.1526	0.0844	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2042	4	0.7333	0.4997	0.0414	0.1893	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	5	0.8623	0.4849	0.0036	0.3515	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2042	6	1.1364	0.4965	0.0001	0.5456	0.0942	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	7	1.2707	0.4725	0.0000	0.6424	0.1557	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2042	8	1.3010	0.4582	0.0000	0.6667	0.1761	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	9	1.3699	0.5006	0.0000	0.6938	0.1756	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2042	10	1.1196	0.4778	0.0000	0.5414	0.1004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	11	0.8494	0.5001	0.0114	0.3160	0.0219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2042	12	0.7554	0.5384	0.0973	0.1186	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2043	1	0.9369	0.5598	0.3148	0.0623	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	2	0.8059	0.5071	0.2738	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	3	0.7342	0.4981	0.1506	0.0853	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	4	0.7309	0.4972	0.0402	0.1906	0.0029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	5	0.8777	0.4914	0.0038	0.3590	0.0235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	6	1.1418	0.4974	0.0001	0.5488	0.0955	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	7	1.2784	0.4749	0.0000	0.6466	0.1568	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2043	8	1.3047	0.4590	0.0000	0.6688	0.1768	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	9	1.3015	0.4747	0.0000	0.6596	0.1672	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	10	1.1481	0.4850	0.0000	0.5571	0.1060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2043	11	0.8574	0.4975	0.0104	0.3257	0.0238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2043	12	0.7595	0.5426	0.0921	0.1235	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	1	0.8862	0.5334	0.2910	0.0617	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	2	0.8257	0.5138	0.2867	0.0252	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2044	3	0.7338	0.4996	0.1535	0.0805	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	4	0.7853	0.5368	0.0525	0.1933	0.0028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	5	0.8412	0.4774	0.0044	0.3391	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2044	6	1.1228	0.4958	0.0002	0.5374	0.0894	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	7	1.2845	0.4781	0.0000	0.6497	0.1567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	8	1.3087	0.4629	0.0000	0.6705	0.1753	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2044	9	1.3759	0.4991	0.0000	0.6984	0.1784	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2044	10	1.1562	0.4857	0.0000	0.5623	0.1083	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	11	0.8526	0.4890	0.0084	0.3302	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2044	12	0.7417	0.5303	0.0857	0.1244	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	1	0.9633	0.5866	0.3072	0.0695	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	2	0.8224	0.5127	0.2846	0.0251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	3	0.7357	0.5011	0.1514	0.0830	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2045	4	0.7360	0.5019	0.0456	0.1858	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	5	0.8667	0.4920	0.0047	0.3491	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	6	1.1332	0.4982	0.0001	0.5436	0.0913	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2045	7	1.2940	0.4805	0.0000	0.6551	0.1584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	8	1.3744	0.4847	0.0000	0.7048	0.1849	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	9	1.3195	0.4794	0.0000	0.6698	0.1703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	10	1.1553	0.4865	0.0000	0.5616	0.1072	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	11	0.8669	0.5022	0.0095	0.3310	0.0242	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	12	0.7675	0.5476	0.0939	0.1246	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	1	0.9284	0.5614	0.3014	0.0656	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	2	0.8570	0.5379	0.2920	0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2046	3	0.7712	0.5268	0.1511	0.0930	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	4	0.7549	0.5120	0.0358	0.2039	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	5	0.8840	0.4856	0.0025	0.3700	0.0258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	6	1.1732	0.5034	0.0001	0.5677	0.1020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	7	1.3016	0.4808	0.0000	0.6598	0.1609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	8	1.3235	0.4632	0.0000	0.6799	0.1804	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	9	1.3273	0.4845	0.0000	0.6734	0.1694	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	10	1.1369	0.4851	0.0000	0.5505	0.1013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	11	0.8416	0.4957	0.0109	0.3137	0.0212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	12	0.7498	0.5357	0.0950	0.1181	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	1	0.9287	0.5616	0.3026	0.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	2	0.8197	0.5155	0.2793	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2047	3	0.7767	0.5287	0.1564	0.0913	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	4	0.7676	0.5207	0.0382	0.2056	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	5	0.9181	0.5049	0.0027	0.3834	0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	6	1.1799	0.5046	0.0001	0.5718	0.1034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	7	1.3086	0.4828	0.0000	0.6639	0.1619	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2047	8	1.3324	0.4652	0.0000	0.6851	0.1822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2047	9	1.3352	0.4873	0.0000	0.6777	0.1702	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	10	1.1366	0.4862	0.0000	0.5502	0.1002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	11	0.8374	0.4943	0.0108	0.3115	0.0207	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2047	12	0.7483	0.5360	0.0933	0.1180	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2048	1	0.9412	0.5690	0.3081	0.0640	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	2	0.8195	0.5175	0.2765	0.0255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	3	0.7753	0.5308	0.1531	0.0912	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	4	0.7842	0.5311	0.0401	0.2095	0.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2048	5	0.9068	0.4995	0.0032	0.3777	0.0264	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2048	6	1.1781	0.5059	0.0001	0.5703	0.1019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	7	1.3191	0.4865	0.0000	0.6695	0.1631	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	8	1.3331	0.4656	0.0000	0.6856	0.1819	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	9	1.3310	0.4845	0.0000	0.6762	0.1703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2048	10	1.1620	0.4931	0.0000	0.5643	0.1046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	11	0.8481	0.4963	0.0107	0.3191	0.0219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2048	12	0.7502	0.5381	0.0910	0.1200	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	1	0.9585	0.5793	0.3128	0.0664	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2049	2	0.8441	0.5362	0.2802	0.0278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2049	3	0.7785	0.5329	0.1514	0.0939	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	4	0.7655	0.5165	0.0346	0.2108	0.0036	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	5	0.9009	0.4932	0.0029	0.3780	0.0268	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	6	1.1852	0.5072	0.0001	0.5746	0.1033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2049	7	1.3290	0.4893	0.0000	0.6750	0.1646	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	8	1.3441	0.4691	0.0000	0.6916	0.1833	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	9	1.3393	0.4873	0.0000	0.6808	0.1712	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	10	1.1620	0.4943	0.0000	0.5640	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2049	11	0.8488	0.4982	0.0111	0.3180	0.0215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2049	12	0.7634	0.5454	0.0979	0.1190	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	1	0.8897	0.5415	0.2843	0.0639	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

2050	2	0.8346	0.5234	0.2858	0.0254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2050	3	0.7482	0.5108	0.1525	0.0846	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	4	0.7465	0.5093	0.0463	0.1881	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2050	5	0.8888	0.5045	0.0050	0.3582	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	6	1.1563	0.5076	0.0002	0.5560	0.0925	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	7	1.3242	0.4899	0.0000	0.6722	0.1621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	8	1.4143	0.4965	0.0000	0.7273	0.1906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	9	1.3531	0.4886	0.0000	0.6891	0.1755	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	10	1.1910	0.4972	0.0000	0.5818	0.1120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2050	11	0.8884	0.5096	0.0092	0.3437	0.0258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
2050	12	0.7834	0.5591	0.0922	0.1306	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

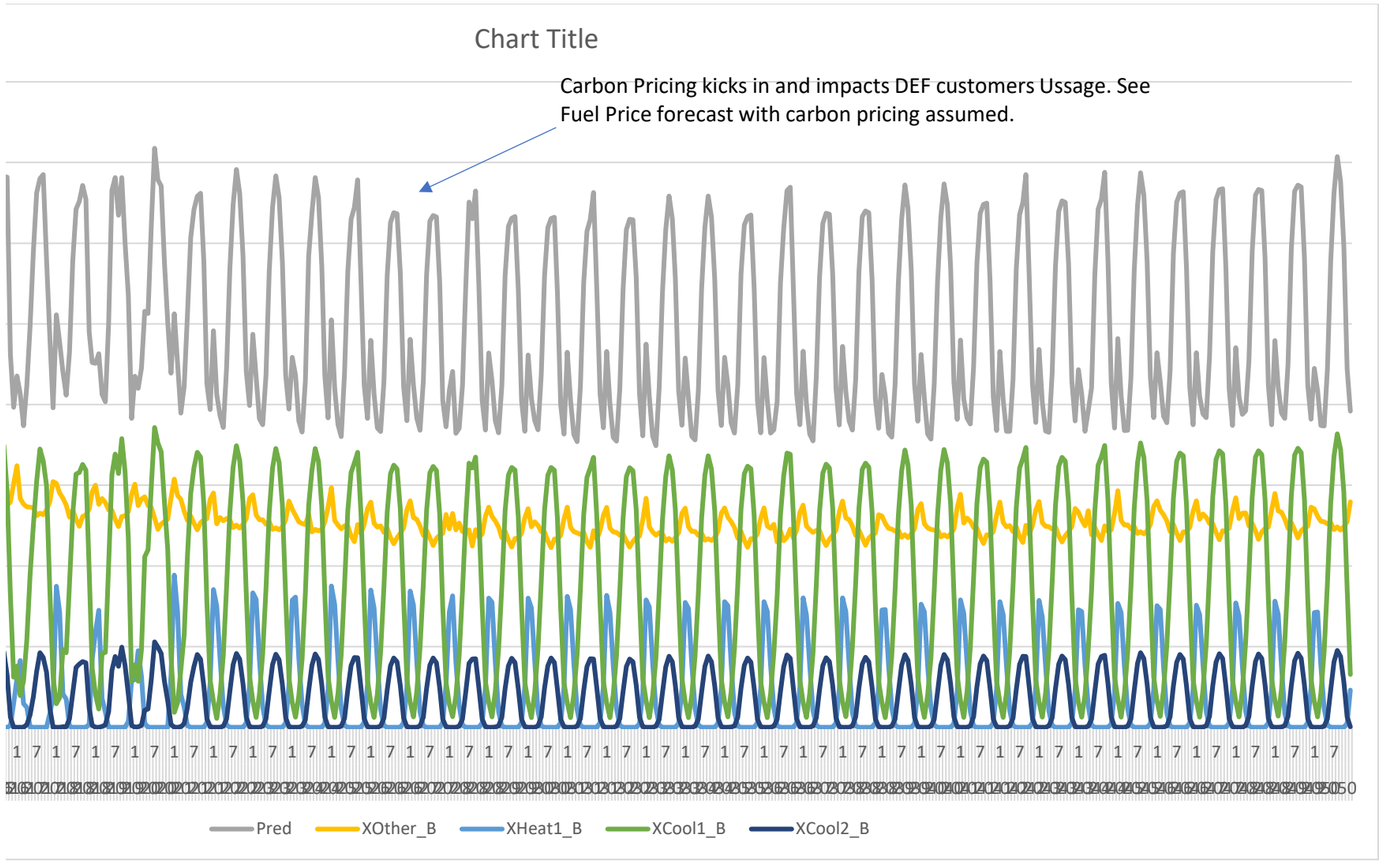


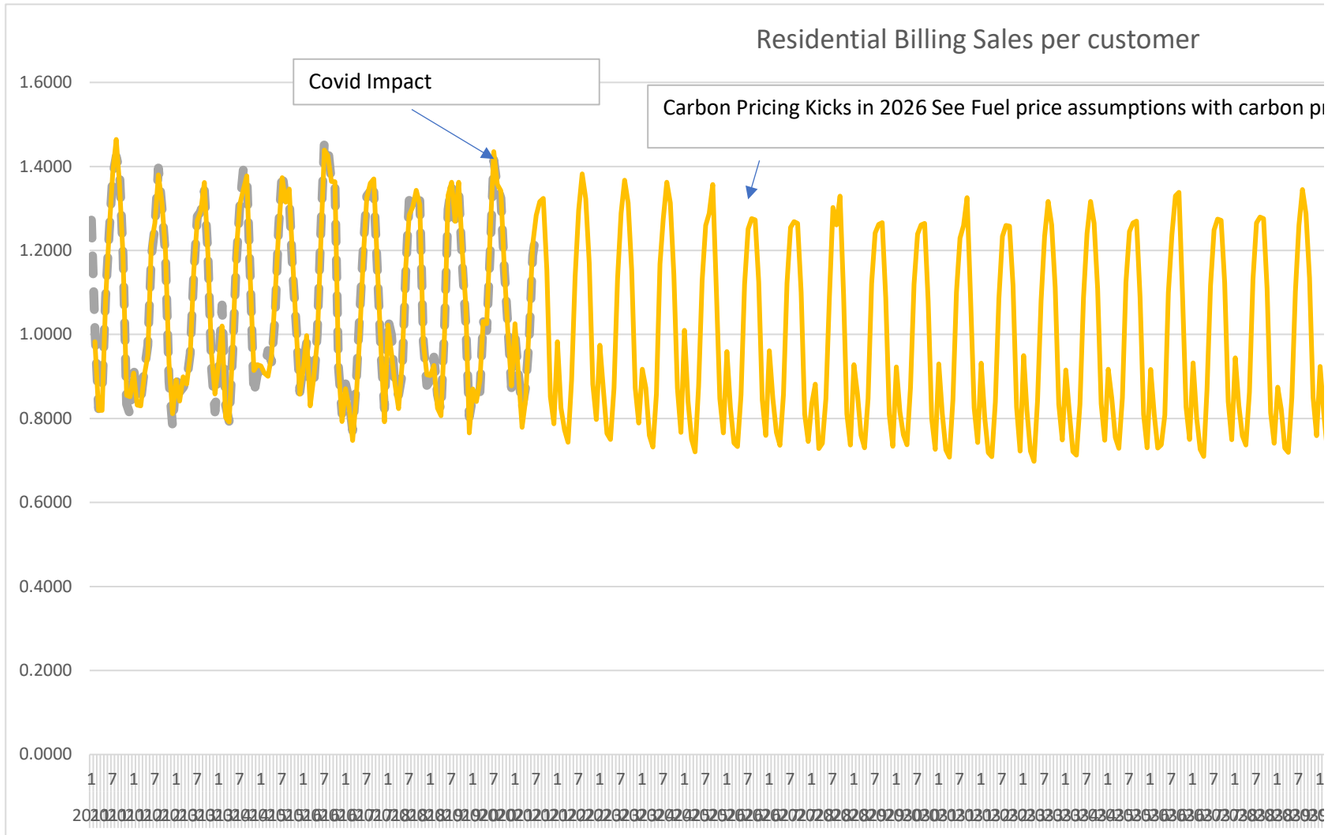
Chart Title
Carbon Pricing kicks in and impacts DEF customers Ussage. See Fuel Price forecast with carbon pricing assumed.
Pred
XOther_B
XHeat1_B
XCool1_B
XCool2_B

Year	Month	Actual	Pred	Upper	Lower	Sigma
2011	1	1.2721				
2011	2	1.0054	0.982668226	1.042243966	0.923092486	0.030005288
2011	3	0.8234	0.820010866	0.876326766	0.763694966	0.028363471
2011	4	0.8623	0.819430513	0.874703461	0.764157565	0.027838189
2011	5	1.0888	1.082504352	1.138199177	1.026809526	0.028050667
2011	6	1.2412	1.244949452	1.300149376	1.189749529	0.02780141
2011	7	1.3772	1.383582744	1.439904225	1.327261262	0.028366282
2011	8	1.4239	1.46425699	1.521643054	1.406870927	0.028902458
2011	9	1.3892	1.35769408	1.41414973	1.30123843	0.028433856
2011	10	1.1889	1.185272601	1.240391741	1.13015346	0.027760723
2011	11	0.8341	0.855184311	0.910539677	0.799828945	0.027879698
2011	12	0.8087	0.851476128	0.908421345	0.794530912	0.028680426
2012	1	0.9194	0.907910485	0.965683209	0.85013776	0.0290972
2012	2	0.8520	0.831736325	0.888677254	0.774795396	0.028678266
2012	3	0.8432	0.829695839	0.885169332	0.774222346	0.027939193
2012	4	0.9138	0.902421008	0.958144113	0.846697902	0.02806491
2012	5	0.9739	0.949982212	1.00523842	0.894726004	0.027829758
2012	6	1.1848	1.216362681	1.271780643	1.160944719	0.027911225
2012	7	1.2558	1.264863277	1.320329444	1.20939711	0.027935503
2012	8	1.3959	1.379653258	1.436013604	1.323292913	0.028385856
2012	9	1.3017	1.313930955	1.369599214	1.258262696	0.028037287
2012	10	1.1877	1.198357155	1.253661865	1.143052446	0.027854185
2012	11	0.8883	0.930845387	0.985812719	0.875878056	0.027684265
2012	12	0.7823	0.811420114	0.869803389	0.753036839	0.029404703
2013	1	0.8959	0.891585744	0.948650339	0.834521149	0.028740551
2013	2	0.8630	0.84133132	0.897592799	0.78506984	0.028336062
2013	3	0.8739	0.89921813	0.955492872	0.842943389	0.028342741
2013	4	0.8897	0.881446295	0.93687154	0.826021049	0.027914893
2013	5	0.9543	0.950865912	1.006503239	0.895228586	0.028021708
2013	6	1.1434	1.151251952	1.20664487	1.095859033	0.027898612
2013	7	1.2815	1.271189191	1.326731091	1.21564729	0.027973646
2013	8	1.2929	1.29437395	1.350112757	1.238635142	0.028072819
2013	9	1.3428	1.361739002	1.417949654	1.30552835	0.028310463
2013	10	1.1935	1.192615641	1.247865792	1.137365489	0.027826707
2013	11	0.9230	0.9557765	1.01085444	0.900698561	0.027739973
2013	12	0.8153	0.858249778	0.913918375	0.802581181	0.028037457
2014	1	0.9218	0.929449375	0.986093003	0.872805747	0.028528531
2014	2	1.0698	1.020000081	1.079922328	0.960077834	0.030179805
2014	3	0.8315	0.802247461	0.858415895	0.746079028	0.028289199
2014	4	0.7933	0.791646235	0.847170616	0.736121854	0.027964823
2014	5	0.9530	0.963347418	1.018343016	0.90835182	0.027698501
2014	6	1.1681	1.193236865	1.248571938	1.137901792	0.027869478
2014	7	1.3028	1.309034007	1.364944137	1.253123876	0.028159105
2014	8	1.3912	1.34374874	1.400280659	1.287216821	0.028472268
2014	9	1.3801	1.377374905	1.448103885	1.306645925	0.03562261
2014	10	1.1325	1.128222177	1.183370483	1.07307387	0.027775413

variables significant

MAPE	0.019962
MAD	0.01995
elasticity of Heating Load	0.067042
elasticity of Cooling 1 Load	0.333011
elasticity of Cooling 2 Load	0.059438
Elasticity of Other Load	0.542828

Do Not update Forecast for Sping



2014	11	0.8575	0.914200309	0.969130111	0.859270508	0.027665363
2014	12	0.9074	0.927864823	0.984473764	0.871255881	0.028511061
2015	1	0.9146	0.924993922	0.981843185	0.868144659	0.028632099
2015	2	0.9201	0.907377151	0.965679778	0.849074523	0.029364085
2015	3	0.9616	0.900414494	0.956300766	0.844528222	0.028147089
2015	4	0.9344	0.948326894	1.003568608	0.893085179	0.027822458
2015	5	1.0417	1.093716658	1.149395672	1.038037644	0.028042704
2015	6	1.2552	1.243600371	1.299050635	1.188150106	0.027927494
2015	7	1.3851	1.372985143	1.429588377	1.316381909	0.028508186
2015	8	1.3183	1.31504574	1.37103298	1.2590585	0.028197941
2015	9	1.3260	1.34641165	1.402488534	1.290334766	0.02824309
2015	10	1.1453	1.173030585	1.228255464	1.117805706	0.027813979
2015	11	1.0182	1.009442973	1.065417112	0.953468835	0.028191343
2015	12	0.8634	0.857354236	0.927798111	0.78691036	0.035479018
2016	1	0.9239	0.91435296	0.969564078	0.859141842	0.027807048
2016	2	0.9802	0.997088376	1.056820187	0.937356566	0.030083892
2016	3	0.8799	0.830148056	0.886065341	0.774230771	0.028162709
2016	4	0.8798	0.897379085	0.952527194	0.842230976	0.027775313
2016	5	1.0012	0.983301272	1.053462729	0.913139814	0.035336778
2016	6	1.2448	1.216402312	1.271773216	1.161031408	0.027887524
2016	7	1.4581	1.439141669	1.496235805	1.382047534	0.028755429
2016	8	1.4474	1.425649093	1.482866153	1.368432033	0.02881734
2016	9	1.3625	1.364010544	1.43852706	1.289494028	0.0375302
2016	10	1.3613	1.363668068	1.437566257	1.289769878	0.037218781
2016	11	0.9213	0.925036928	0.980049315	0.870024541	0.027706957
2016	12	0.8111	0.79295334	0.848974941	0.736931739	0.028215247
2017	1	0.8824	0.871043275	0.941702852	0.800383697	0.035587656
2017	2	0.8446	0.826554742	0.882129319	0.770980165	0.027990104
2017	3	0.7707	0.747388549	0.802802577	0.69197452	0.027909244
2017	4	0.8812	0.846279255	0.900928221	0.791630289	0.027523921
2017	5	1.0475	0.99447126	1.050134916	0.938807605	0.028034968
2017	6	1.2040	1.1797868	1.235559485	1.124014115	0.028089881
2017	7	1.3291	1.324990197	1.380735975	1.269244418	0.02807633
2017	8	1.3410	1.360264462	1.43198747	1.288541454	0.036123252
2017	9	1.3399	1.370425862	1.426902103	1.313949621	0.028444227
2017	10	1.1543	1.161340837	1.231559497	1.091122177	0.035365588
2017	11	0.9585	0.96961138	1.024082447	0.915140313	0.027434322
2017	12	0.8231	0.792033016	0.847899715	0.736166317	0.028137231
2018	1	1.0363	1.022708551	1.081773172	0.963643929	0.029747863
2018	2	0.9985	0.954198836	1.011480115	0.896917557	0.028849683
2018	3	0.8683	0.880673786	0.935507139	0.825840434	0.027616787
2018	4	0.8559	0.823049036	0.877738522	0.76835955	0.027544328
2018	5	0.9043	0.929433253	0.985375634	0.873490871	0.028175348
2018	6	1.1423	1.15709928	1.213091788	1.101106771	0.028200595
2018	7	1.3189	1.284475473	1.340405488	1.228545459	0.02816912
2018	8	1.2962	1.303563429	1.359577622	1.247549237	0.028211516
2018	9	1.3136	1.343440572	1.39966565	1.287215494	0.028317728

2018	10	1.3187	1.308593663	1.36468307	1.252504256	0.028249398
2018	11	0.9829	0.979326431	1.034246416	0.924406446	0.027660419
2018	12	0.8790	0.90389155	0.959225235	0.848557866	0.027868779
2019	1	0.8913	0.902030571	0.958457378	0.845603764	0.028419329
2019	2	0.9463	0.926222544	0.997015504	0.855429584	0.035654834
2019	3	0.8566	0.824787061	0.879579417	0.769994705	0.027596139
2019	4	0.8179	0.806787731	0.861643301	0.751932162	0.027627976
2019	5	1.0220	1.001899801	1.057612491	0.946187111	0.028059664
2019	6	1.2975	1.331249535	1.387166951	1.27533212	0.028162774
2019	7	1.3545	1.362321678	1.41892668	1.305716676	0.028509077
2019	8	1.2691	1.269051403	1.325028891	1.213073915	0.02819303
2019	9	1.3446	1.3626528	1.436602935	1.288702666	0.037244943
2019	10	1.1728	1.201465822	1.275186283	1.127745361	0.037129268
2019	11	1.0252	1.070592866	1.125517534	1.015668198	0.027662778
2019	12	0.8036	0.765755579	0.821118632	0.710392526	0.02788357
2020	1	0.8520	0.870075417	0.925245835	0.814904999	0.027786549
2020	2	0.8582	0.840115501	0.895540474	0.784690528	0.027914756
2020	3	0.8621	0.890130223	0.945145006	0.83511544	0.027708164
2020	4	1.0323	1.03097615	1.086908896	0.975043404	0.028170496
2020	5	1.0090	1.025381905	1.090704708	0.960059102	0.032899792
2020	6	1.1999	1.244862286	1.313268388	1.176456183	0.034452695
2020	7	1.4154	1.434977535	1.506340913	1.363614158	0.035942124
2020	8	1.3505	1.356887652	1.428259734	1.28551557	0.035946508
2020	9	1.3243	1.342127358	1.413213235	1.271041481	0.035802361
2020	10	1.1526	1.152161454	1.222235155	1.082087754	0.035292579
2020	11	1.0186	1.004530365	1.074331049	0.93472968	0.035155075
2020	12	0.8733	0.877531761	0.947217943	0.807845579	0.035097406
2021	1	0.9984	1.025232072	1.098914541	0.951549603	0.037110134
2021	2	0.9023	0.900847997	0.972410605	0.829285389	0.036042467
2021	3	0.8249	0.778752787	0.848500334	0.70900524	0.035128312
2021	4	0.8737	0.844197335	0.913660181	0.77473449	0.034984922
2021	5	0.9875	1.021518196	1.091832571	0.951203822	0.035413795
2021	6	1.1878	1.213605854	1.284106179	1.143105529	0.035507448
2021	7	1.2451	1.283782602	1.354481781	1.213083422	0.035607601
2021	8		1.316257422	1.387429739	1.245085106	0.035845896
2021	9		1.324079425	1.395015038	1.253143811	0.035726681
2021	10		1.154299031	1.224702109	1.083895953	0.03545847
2021	11		0.851828598	0.921559415	0.782097781	0.035119886
2021	12		0.787453734	0.857331971	0.717575497	0.035194134
2022	1		0.983020508	1.0558741	0.910166915	0.03669267
2022	2		0.82529206	0.89697638	0.753607739	0.036103767
2022	3		0.772615824	0.842506303	0.702725344	0.0352003
2022	4		0.743156835	0.812482001	0.67383167	0.03491558
2022	5		0.890863014	0.961254574	0.820471454	0.035452669
2022	6		1.136718262	1.2073073	1.066129223	0.035552129
2022	7		1.295844141	1.366555742	1.225132539	0.035613858
2022	8		1.382352066	1.453643411	1.31106072	0.035905845

2022	9	1.323208627	1.39409523	1.252322024	0.035701997
2022	10	1.169256928	1.239593309	1.098920547	0.035424878
2022	11	0.881987769	0.951828096	0.812147442	0.035175041
2022	12	0.797764006	0.867603632	0.72792438	0.035174688
2023	1	0.974349737	1.046996893	0.901702581	0.036588699
2023	2	0.86809084	0.940159662	0.796022019	0.036297421
2023	3	0.764627332	0.834462024	0.694792639	0.035172203
2023	4	0.750101993	0.819442693	0.680761292	0.034923404
2023	5	0.871817591	0.942124606	0.801510575	0.035410088
2023	6	1.132297728	1.20285742	1.061738036	0.035537349
2023	7	1.288430579	1.359122618	1.21773854	0.035604005
2023	8	1.367143104	1.438377237	1.295908971	0.03587703
2023	9	1.312922957	1.383769998	1.242075917	0.035682071
2023	10	1.152870054	1.223169478	1.082570631	0.035406264
2023	11	0.872712865	0.942520791	0.802904938	0.035158722
2023	12	0.78877474	0.858582444	0.718967036	0.03515861
2024	1	0.916935112	0.989101037	0.844769187	0.036346327
2024	2	0.872918608	0.945103144	0.800734072	0.0363557
2024	3	0.75938306	0.829221294	0.689544826	0.035173987
2024	4	0.732008169	0.801296541	0.662719797	0.034897049
2024	5	0.858579817	0.92883818	0.788321455	0.035385584
2024	6	1.167690172	1.238518905	1.09686144	0.03567285
2024	7	1.274972033	1.345628846	1.204315221	0.035586263
2024	8	1.362689229	1.433928412	1.291450046	0.035879574
2024	9	1.312930779	1.383800367	1.24206119	0.035693428
2024	10	1.142454884	1.212730586	1.072179182	0.035394317
2024	11	0.87207489	0.941891652	0.802258129	0.035163172
2024	12	0.766827424	0.83651621	0.697138638	0.035098717
2025	1	1.009631607	1.082728757	0.936534456	0.036815338
2025	2	0.841173908	0.912948347	0.76939947	0.036149155
2025	3	0.75046987	0.820207001	0.68073274	0.035123066
2025	4	0.720198866	0.789437151	0.65096058	0.034871823
2025	5	0.876954554	0.947357708	0.8065514	0.035458508
2025	6	1.128651878	1.199183861	1.058119895	0.035523393
2025	7	1.259302105	1.329922702	1.188681508	0.035568023
2025	8	1.288452423	1.35939426	1.217510586	0.035729816
2025	9	1.356852995	1.427920545	1.285785446	0.035793131
2025	10	1.110732064	1.180990164	1.040473963	0.035385452
2025	11	0.847343203	0.917052479	0.777633926	0.035109037
2025	12	0.765437181	0.835127542	0.695746821	0.03509951
2026	1	0.959246573	1.0320516	0.886441546	0.03666821
2026	2	0.825504218	0.897088683	0.753919752	0.036053475
2026	3	0.741726886	0.811415574	0.672038197	0.035098668
2026	4	0.732877898	0.802159745	0.663596051	0.034893763
2026	5	0.856630237	0.926946903	0.786313571	0.035414948
2026	6	1.119508085	1.189989308	1.049026863	0.035497827
2026	7	1.250883481	1.321477889	1.180289073	0.035554833

2026	8	1.275696241	1.346589321	1.204803162	0.035705259
2026	9	1.27276827	1.343485297	1.202051243	0.03561659
2026	10	1.124573907	1.194836833	1.054310981	0.035387883
2026	11	0.844219778	0.913943452	0.774496104	0.035116289
2026	12	0.759730534	0.82938658	0.690074488	0.035082228
2027	1	0.961427041	1.03417757	0.888676513	0.036640762
2027	2	0.847599892	0.919350142	0.775849641	0.036136973
2027	3	0.766811618	0.836592014	0.697031222	0.035144857
2027	4	0.736246871	0.805550457	0.666943285	0.034904711
2027	5	0.856886672	0.927226825	0.786546519	0.035426778
2027	6	1.122019241	1.192437824	1.051600658	0.035466279
2027	7	1.254916143	1.325537844	1.184294441	0.035568579
2027	8	1.268332997	1.339209	1.197456994	0.035696658
2027	9	1.264666099	1.335341741	1.193990457	0.035595747
2027	10	1.100045006	1.170294158	1.029795854	0.035380945
2027	11	0.809952846	0.879544146	0.740361546	0.035049619
2027	12	0.745117771	0.814728117	0.675507424	0.035059211
2028	1	0.83448366	0.905938669	0.76302865	0.035988275
2028	2	0.88188862	0.954157771	0.80961947	0.036398317
2028	3	0.728341988	0.798006386	0.658677591	0.035086434
2028	4	0.740824484	0.810121543	0.671527425	0.034901424
2028	5	0.846663602	0.916925294	0.77640191	0.035387261
2028	6	1.090721766	1.161197228	1.020246304	0.035494926
2028	7	1.302151185	1.372970638	1.231331732	0.035668177
2028	8	1.260708283	1.331533092	1.189883475	0.035670874
2028	9	1.329373796	1.400342391	1.2584052	0.035743292
2028	10	1.094703327	1.164913425	1.02449323	0.035361275
2028	11	0.810921604	0.880537756	0.741305451	0.035062135
2028	12	0.736983017	0.806560668	0.667405367	0.035042744
2029	1	0.927999517	1.000299171	0.855699863	0.036413679
2029	2	0.858180395	0.93009584	0.78626495	0.036220173
2029	3	0.75998035	0.82971851	0.69024219	0.035123584
2029	4	0.730153008	0.799439653	0.660866363	0.034896179
2029	5	0.847533707	0.91786757	0.777199843	0.03542361
2029	6	1.121039983	1.191478833	1.050601133	0.035476487
2029	7	1.241511507	1.312089679	1.170933335	0.035546656
2029	8	1.261935963	1.332796166	1.19107576	0.035688701
2029	9	1.266341674	1.337034855	1.195648492	0.035604581
2029	10	1.086863279	1.157073156	1.016653403	0.035361164
2029	11	0.809372152	0.878964332	0.739779973	0.035050061
2029	12	0.733841751	0.803397528	0.664285975	0.035031727
2030	1	0.922840319	0.995129179	0.850551459	0.036408243
2030	2	0.815893606	0.887453652	0.744333561	0.036041176
2030	3	0.76082756	0.830593403	0.691061718	0.035137527
2030	4	0.737361194	0.806666161	0.668056227	0.034905407
2030	5	0.873786175	0.944225172	0.803347177	0.035476561
2030	6	1.11908738	1.189510558	1.048664202	0.035468593

2030	7	1.238879327	1.309453844	1.168304809	0.035544815
2030	8	1.260830913	1.331699948	1.189961877	0.035693149
2030	9	1.264150049	1.334837481	1.193462617	0.035601685
2030	10	1.078174127	1.14838641	1.007961844	0.035362376
2030	11	0.79901106	0.868569864	0.729452255	0.035033252
2030	12	0.726681041	0.79621813	0.657143952	0.035022315
2031	1	0.92997454	1.002364196	0.857584884	0.036459009
2031	2	0.81073573	0.882208294	0.739263166	0.035997116
2031	3	0.725487927	0.795101501	0.655874353	0.035060837
2031	4	0.707920888	0.777115602	0.638726174	0.034849878
2031	5	0.844958393	0.915247281	0.774669505	0.035400958
2031	6	1.100881976	1.171350863	1.030413088	0.035491615
2031	7	1.229657068	1.30019577	1.159118365	0.035526777
2031	8	1.258721471	1.329563676	1.187879266	0.035679636
2031	9	1.325744681	1.396712899	1.254776463	0.035743102
2031	10	1.084615465	1.154819394	1.014411537	0.035358168
2031	11	0.825641504	0.895292801	0.755990207	0.035079836
2031	12	0.742636087	0.812218585	0.673053589	0.035045185
2032	1	0.931751231	1.004207096	0.859295366	0.036492355
2032	2	0.801749851	0.873087891	0.730411812	0.035929363
2032	3	0.718760518	0.788343336	0.649177701	0.035045346
2032	4	0.70931247	0.778507054	0.640117886	0.034849812
2032	5	0.838887528	0.90913539	0.768639665	0.035380296
2032	6	1.085686577	1.156136054	1.0152371	0.035481839
2032	7	1.233675766	1.304233474	1.163118059	0.035536349
2032	8	1.259544503	1.330379563	1.188709443	0.035676037
2032	9	1.257996771	1.328692761	1.187300781	0.035605995
2032	10	1.115801498	1.186034099	1.045568897	0.035372609
2032	11	0.826842163	0.896564271	0.757120056	0.0351155
2032	12	0.722049623	0.791526906	0.65257234	0.034992194
2033	1	0.949995936	1.022209561	0.877782312	0.036370351
2033	2	0.818592127	0.890210737	0.746973517	0.036070672
2033	3	0.721997922	0.791623184	0.65237266	0.035066723
2033	4	0.697871202	0.76702528	0.628717124	0.034829412
2033	5	0.84208425	0.912349014	0.771819485	0.035388809
2033	6	1.079391408	1.149879053	1.008903762	0.035501062
2033	7	1.23354819	1.304109377	1.162987002	0.035538102
2033	8	1.317012057	1.388098494	1.24592562	0.035802643
2033	9	1.260768753	1.331479077	1.190058428	0.035613215
2033	10	1.111842155	1.182080667	1.041603643	0.035375586
2033	11	0.834049953	0.903776097	0.764323809	0.035117533
2033	12	0.748824291	0.818405466	0.679243115	0.035044519
2034	1	0.91540081	0.987434813	0.843366807	0.036279885
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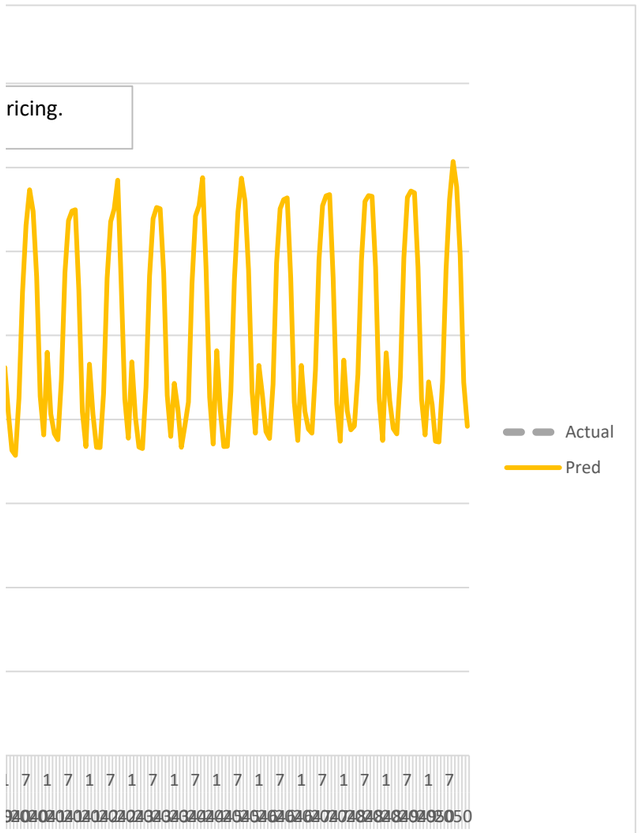
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Actual
Pred

Climate change and the 1991–2020 U.S. Climate Normals

BY REBECCA LINDSEY | REVIEWED BY MICHAEL PALECKI
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HIGHLIGHTS

- In early May, the 30-year period covered by the official U.S. Climate Normals will shift from 1981-2010 to 1991-2020.
- Because they are updated once per decade, the Normals gradually come to reflect the "new normal" of climate change caused by global warming.
- Over time, the "normal" annual U.S. temperature has grown warmer, and the "normal" annual precipitation has increased.

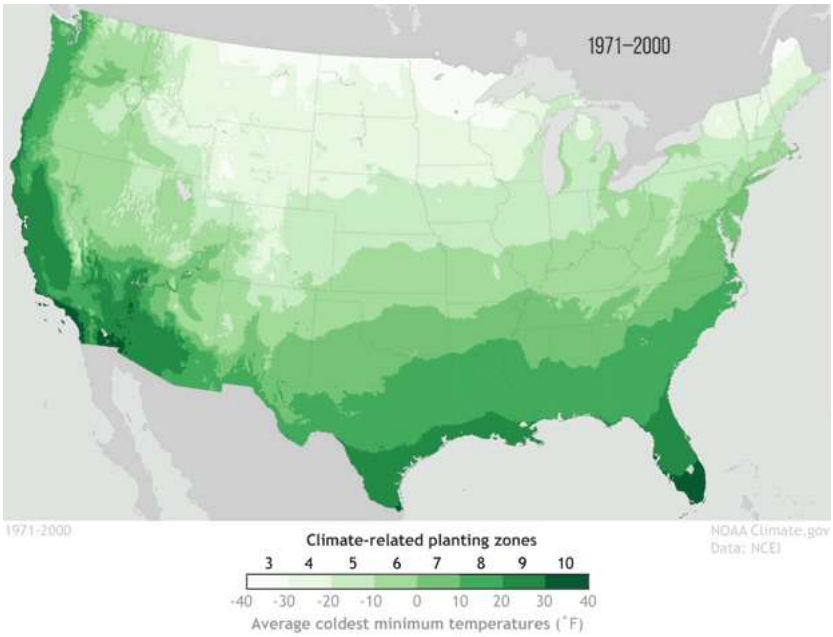
As soon as the 2021 New Year's celebrations were over, the calls and questions started coming in from weather watchers: When will NOAA release the new U.S. Climate Normals? The Normals are 30-year averages of key climate observations made at weather stations and corrected for bad or missing values and station changes over time. From the daily weather report to seasonal forecasts, the Normals are the basis for judging how temperature, rainfall, and other climate conditions compare to what's normal for a given location in today's climate.

For the past decade, the Normals have been based on weather observations from 1981 to 2010. In early May, climate experts at NOAA's National Centers for Environmental Information will be releasing an updated collection—hourly, daily, monthly, and annual Normals for thousands of U.S. locations, states, regions—based on the weather experienced from 1991 to 2020.

But what about global warming?

Alongside the questions about when the new Normals will be released (first week of May), we've gotten a lot of questions about the Normals and global warming (https://www.climate.gov/news-features/climate-qa/whats-difference-between-global-warming-and-climate-change). Is global warming affecting the Normals? (Yes). Are the Normals adjusted to "subtract out" global warming? (No.) So the new normal reflects our changing climate? (Yes). Then how do we keep track of what used to be normal? (Different analyses.)

The last update of the Normals (https://www.climate.gov/news-features/features/new-climate-normals-gardeners-expect-warmer-nights) took place in 2011, when the baseline shifted from 1971-2000 to 1981-2010. Among the highlights of the rollout was the creation of a map showing how climate-related planting zones across the contiguous United States had shifted northward in latitude and upward in elevation. It was a clear signal that normal overnight low temperatures across the country were warmer than they used to be.



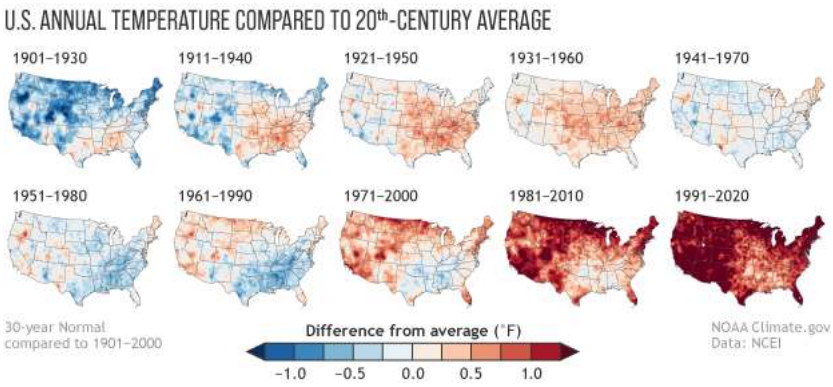
(http://www.climate.gov/media/13463)

Changes in U.S. climate-related planting zones between the 1971-2000 Normals and the 1981-2010 Normals. Many places' coldest temperatures of the year grew warmer between the two periods, leading to a shift in plant hardiness zones. NOAA Climate.gov, based on data from NCEI. Explore an interactive map. (https://www.climate.gov/news-features/featured-images/planting-earth-day-garden-consider-climate%E2%80%99s-

The planting zone maps emphasized a key point about the Normals and climate change: the once-per-decade update means these products gradually come to reflect the "new normal" of climate change caused by global warming. What's normal today is often very different than what was normal 50 or 100 years ago. This gradual adjustment is the point: the purpose of the Normals is to provide context on what climate is like today, not how it's changing over time.

A warmer normal

The U.S. Climate Normals collection has 10 versions: 1901-1930, 1911-1940, and so on through 1991-2020. In the image below, we've compared the U.S. annual average temperature during each Normals period to the 20th-century average (1901-2000). Places where the annual temperature during a given Normals era was colder than the 20th-century average are blue; places where the temperature was warmer than average are red.



(http://www.climate.gov/media/13467)

Annual U.S. temperature compared to the 20th-century average for each U.S. Climate Normals period from 1901-1930 (upper left) to 1991-2020 (lower right). Places where the normal annual temperature was 1.25 degrees or more colder than the 20th-century average are darkest blue; places where normal annual temperature was 1.25 degrees or more warmer than the 20th-century average are darkest red. Maps by NOAA Climate.gov, based on analysis by Jared Rennie, North Carolina Institute for Climate Studies/NCEI. Individual maps (zip file (https://www.climate.gov/media/13911)).

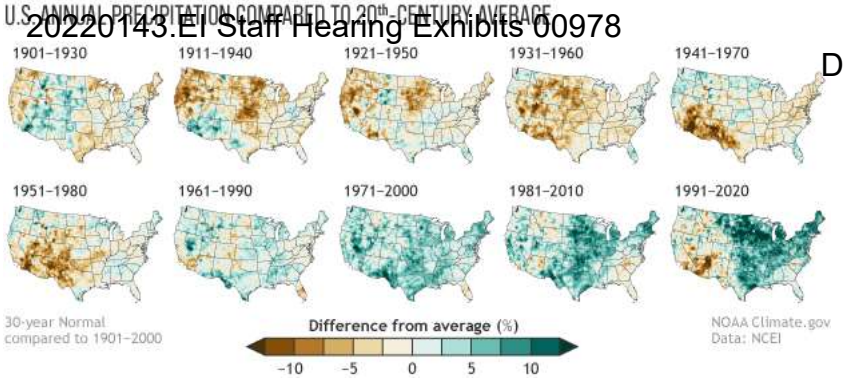
The influence of long-term global warming is obvious: the earliest map in the series has the most widespread and darkest blues, and the most recent map has the most widespread and darkest reds. Today, the normal annual temperatures across the country are warmer than the 20th-century average virtually everywhere. From 1901-1930, the annual average temperature was mostly colder than the 20th-century average.

What's also obvious in these comparisons is that the influence of global warming on normal U.S. temperature isn't the same everywhere or during every 30-year period on record. Otherwise, the maps would have transitioned gradually from dark blue everywhere to dark red everywhere. In fact, a few locations do exhibit that pattern of gradual, steady warming from one Normals era to the next. Southeastern Oregon. Southern Florida. You can probably spot others.

But in many places, the pace of warming changes from decade to decade due to other climate influences, both natural and human (think the Dust Bowl and smokestack pollution before the Clean Air Act). For example, in much of the U.S. Gulf Coast region, the maps show that normal annual temperatures were actually warmer than the 20th-century average in the first four sets of Normals. Beginning with the 1941-70 Normals, they reverted, with normal annual temperature growing increasingly cooler over the next two periods. That cooling pattern began to weaken with the 1971-2000 Normals, and it has all but disappeared today.

A wetter normal?

"It varies" is the main message of the maps showing how the normal annual precipitation across the country has changed. Precipitation—regardless of human-caused climate change—varies a lot from place to place across the United States. Few places exhibit a precipitation trend that is either steadily wetter or steadily drier than the 20th-century average. Instead, drier areas and wetter areas shift back and forth without an obvious pattern.



(http://www.climate.gov/media/13465)

Normal annual U.S. precipitation as a percent of the 20th-century average for each U.S. Climate Normals period from 1901-1930 (upper left) to 1991-2020 (lower right). Places where the normal annual precipitation was 12.5 percent or more below the 20th-century average are darkest brown; places where normal annual precipitation was 12.5 percent or more wetter than the 20th-century average are darkest green. Maps by NOAA Climate.gov, based on analysis by Jared Rennie, North Carolina Institute for Climate Studies/NCEI. Individual maps (zip file (https://www.climate.gov/media/13910)).

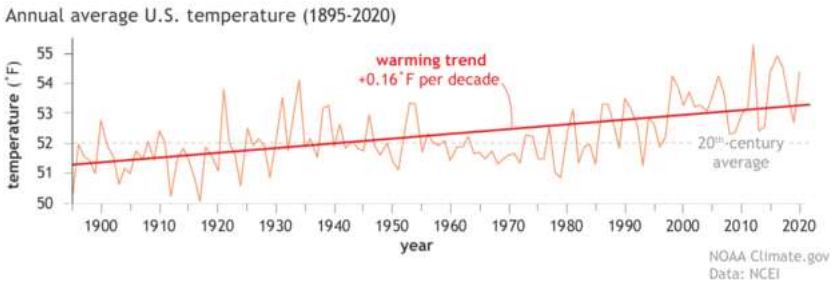
For example, the Southwest was much wetter than the 20th-century average in the 1901-30 and 1911-40 Normals, and then mostly drier than the 20th-century average in the next four Normals. The 1961-90 Normals were a mix, with few areas either very wet or dry relative to the 20th-century average. The next two Normals periods—1971-2000 and 1981-2010— were once again much wetter than the 20th-century average across much of the Southwest, but the pattern has reversed in the new Normals.

That inconsistency isn't surprising, despite the fact that human-caused climate change likely is influencing U.S. precipitation in some places and seasons. It's just that what controls precipitation varies so much from place to place and month to month that the influence of global warming also varies a lot. Some parts of the country are projected (https://crt-climate-explorer.nemac.org/local-climate-maps/?lat=36.28&lon=-97.68&id=pcpn&zoom=5&nav=local-climate-maps) to see increases in annual average precipitation, and others may see decreases. Some may see wetter winters but drier summers, with little net change in annual average precipitation—but big impacts on natural ecosystems and agriculture that depend on a certain seasonal cycle. Some will see a shift in the type or intensity of precipitation without seeing a change in their annual total. More rain, less snow. More downpours, with longer dry spells between.

With all this nuance, it's not surprising that precipitation maps don't show the same unmistakable fingerprint of climate change that the temperature maps do. And yet, it's probably not a coincidence that the last four maps in the series—the 1961-1990, 1971-2000, 1981-2010, and 1991-2020 Normals—are nationally the four wettest-looking maps in the collection. At least some of that wetness relative to the 20th-century average is linked to the overall warming and "wetting" of the atmosphere that's occurred as rising temperatures enhance evaporation of water from the ocean and land surface.

What used to be normal

The 1991-2020 Normals tell us what is normal in today's climate. NOAA does other analyses that tell us about what used to be normal. For its monthly and annual climate monitoring (https://www.ncdc.noaa.gov/climate-monitoring/), temperature averages and precipitation totals are ranked (https://www.ncdc.noaa.gov/cag/national/rankings) since 1895, with many states ranking towards warm extremes recently. Also, U.S. and global climate conditions are compared to the 20th-century average.



(http://www.climate.gov/media/12845)

Average annual temperatures for the contiguous United States from 1895 to 2020 (orange line), along with the warming trend of 0.16˚Fahrenheit per decade (red line). Graph by NOAA Climate.gov, based on data from NCEI Climate at a Glance (https://www.ncdc.noaa.gov/cag/).

Having the entire 20th century included for comparison means the baseline captures more of the range of natural variability that's possible in U.S. and global climate. It also provides a reasonable—but conservative—indication of the influence of long-term warming on temperatures. For the end-of-year global climate recap (https://www.ncdc.noaa.gov/sotc/global/202013), NOAA also includes an additional comparison of the current year's temperature to average temperatures from the 21-year period from 1880-1901, when the influence of global warming was still small relative to natural variability.

At the NCEI website, NOAA provides a couple other ways of understanding how U.S. climate has changed over time. They have a collection of maps (https://www.ncdc.noaa.gov/temp-and-precip/us-trends/prcp/ann) showing both recent and long-term trends in temperature and precipitation. The maps are available for each month and the four seasons. You can also create a custom graph (https://www.ncdc.noaa.gov/cag/national/time-series) showing monthly, seasonal, or yearly climate conditions for any region, state, and many cities that shows the long-term trend.

The Normals are shifting, but NOAA isn't losing track of climate change.

Itron White Paper
Energy Forecasting

Defining Normal Weather for Energy and Peak Normalization

J. Stuart McMenamin, Ph.D
Managing Director, Itron Forecasting

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Introduction

Weather normalization is a process that adjusts actual energy or peak outcomes to what would have happened under normal weather conditions. Normal weather is also used to develop the base forecast of future energy use. A variety of methods have evolved to define normal weather, but there are some fundamental principals that must be followed. The purpose of this paper is to define these fundamentals.

In financial forecasting for energy delivery companies, models are typically estimated with monthly billing data, which represents customer usage over a set of billing cycles. The weather variables used as explanatory variables in these models are usually defined to represent the weather that occurred over these cycles. The models (or coefficients from these models) are then used to develop a variety of estimates, including:

- Estimates of historical energy usage for the cycles with normal weather
- Estimates of historical calendar month energy usage with actual weather
- Estimates of historical calendar month energy usage with normal weather
- Estimates of historical unbilled energy with actual weather
- Estimates of historical peak demand with normal peak producing weather
- Forecasts of calendar month energy usage with normal weather
- Forecasts of peak demand with normal peak producing weather
- Forecasts of peak demand under extreme design conditions

The recommendations presented here are based on the fact that there is a nonlinear relationship between weather and energy usage. Because of the nonlinearities, it is important that actual and normal weather variables are constructed in a way that avoids aggregation bias.

Actual Weather Data is Chaotic

Actual weather data varies from year to year. But the one thing that is constant is that it is chaotic every year. There is a large annual cycle, but within this cycle, there are bursts of warm and cool weather. Peak loads are driven by strings of extremely hot days in summer and extremely cold days in winter. It is impossible to predict exactly when these patterns will occur, but they do occur every year. In some years, the extremes are more extreme than in other years. In some years, the extremes occur on weekends, and do not produce peak energy use.

Figure 1 provides an example of a single year of weather data. The plot shows maximum, minimum, and average temperatures for each day of the year. There are two popular ways to utilize this type of daily weather data to define normal weather patterns. One is appropriate for modeling normal peaks, and one is appropriate for energy normalization. The two methods are:

- Rank and Average
- Average by Date

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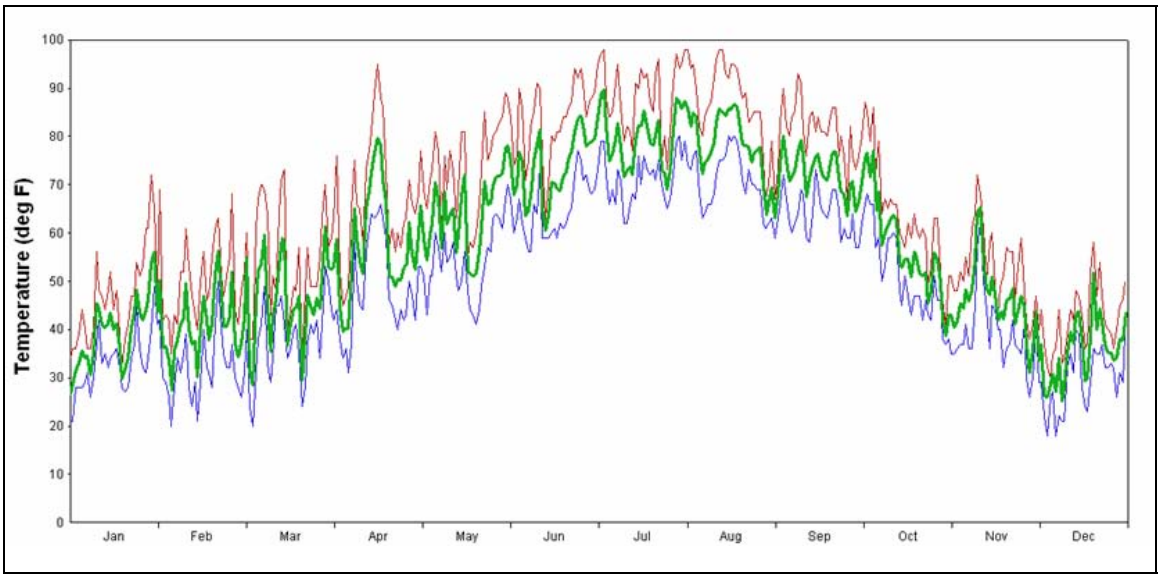

Figure 1: *Example of actual weather data*

Rank and Average Method

The rank and average method is used to develop a typical weather pattern that has normal extremes and normal average temperatures in each season or month. The method starts by taking each year of data and ranking the days from hottest to coldest. Figure 2 shows an example of weather data that is ranked for the year by average temperature. In this chart, the average values are ranked, the maximum values are ranked independently, and the minimum values are ranked independently. For each day, the average values are computed as the average over the 24 hourly values.

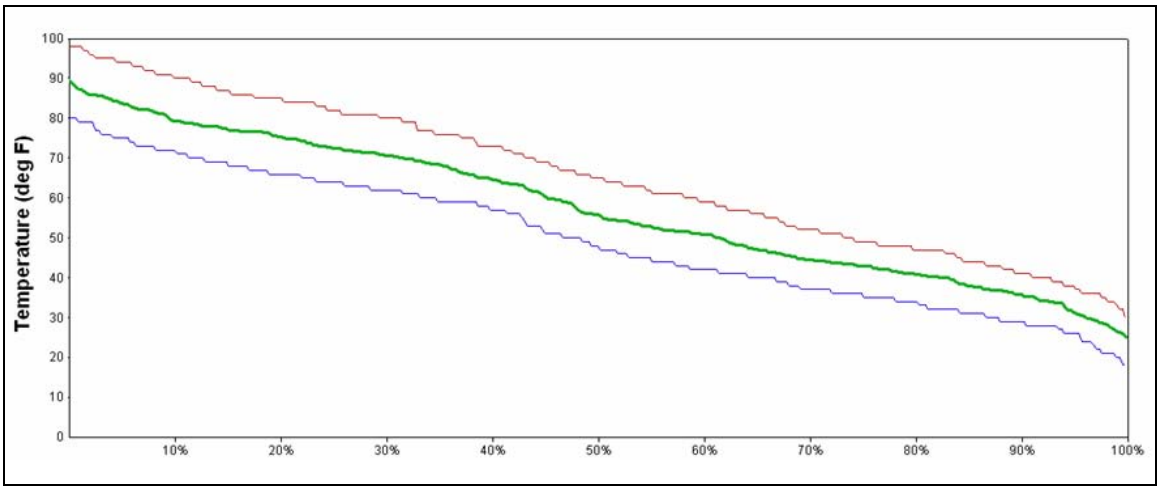

Figure 2: *Example of one year of data ranked by average temperature*

One approach ranks the data within each historical month and then averages across days in the month. For example, for July all of the hottest days in July are averaged, all of the second hottest days in July are averaged, and so on. Although this produces

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relatively extreme weather in each of the summer months and each of the winter months, it will typically understate extreme weather for the typical summer season and the typical winter season.

A second approach ranks the data within each historical season and then averages across days in the season. For example, the hottest summer days are averaged across years, the second hottest summer days are averaged across years, and so on. After this seasonal averaging is completed, it is necessary to assign the resulting values to months within the season.

Figure 3 provides an example of the results when temperatures are ranked within each month and the ranked values are then averaged across 30 years.

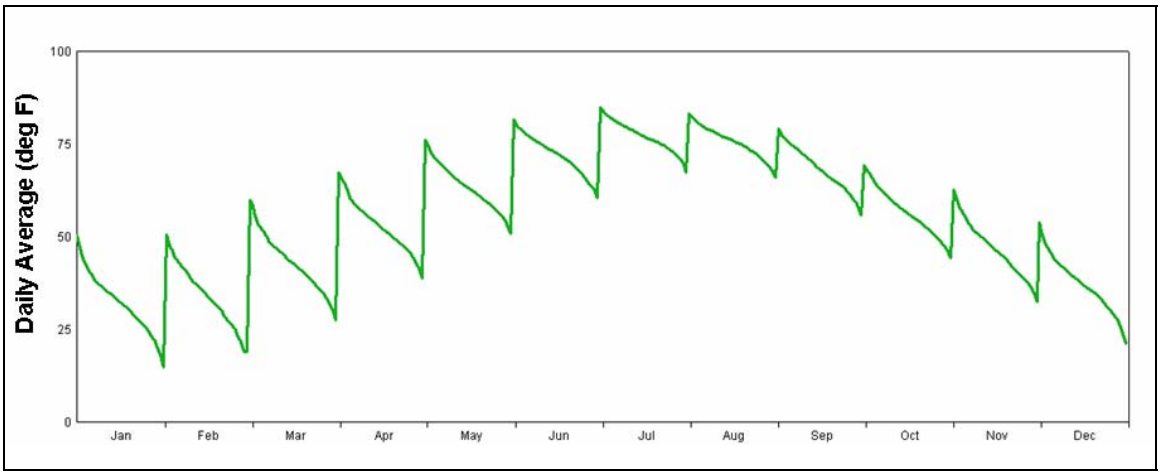

Figure 3: *Example of Rank and Average Temperatures*

Once weather data has been ranked and averaged, the last step is to assign the results to specific days in each year. There are several ways to do this assignment. For example, the extreme temperatures can be assigned to the dates that have the most extreme temperatures in a particular year. Or they can be assigned based on the dates that have the highest average temperature when temperatures are averaged across years by date. In either case, the pattern can be rotated so that the extreme temperatures (hot and cold) do not fall on weekends or near holidays.

Regardless of the assignment rule, at the end of the process the result will be a chaotic weather pattern, resembling the data presented in Figure 1. These types of results can be used for the following types of analysis:

- Building energy simulation models that require weather for a typical year.
- Hourly simulation of energy use by rate class for a typical year.
- Hourly simulation of system loads for a typical year.

There are alternative weather patterns available for these purposes, such as the typical meteorological year data (TMY and TMY2) developed by government agencies. These data provide a chaotic weather pattern developed by concatenating selected months of historical data into a single annual series. While these data represent average weather conditions fairly well, they do not necessarily represent peak producing weather, and may not be appropriate for simulations of monthly or annual peaks.

Weather data can be ranked within a year, season, or month and averaged across years to construct a chaotic weather pattern that embodies typical extreme values as well as typical average values. The results must be assigned to specific days, and there

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is no theoretically correct way to do this assignment. This type of data is appropriate for simulating 8,760 hourly patterns used for building simulation models or hourly statistical models.

Average by Date

The second approach that is frequently used is to average weather values across years by date. For example, in the historical period the temperature statistics for all January 1 values are averaged, the temperature statistics for all January 2 values are averaged, and so on through to December 31.

Figure 4 shows an example of the results of this process. In the figure, the top line shows the average of temperature values and the bottom lines show averages of cooling degree day (CDD) and heating degree day (CDD) values based on a 65 degree trigger temperature.

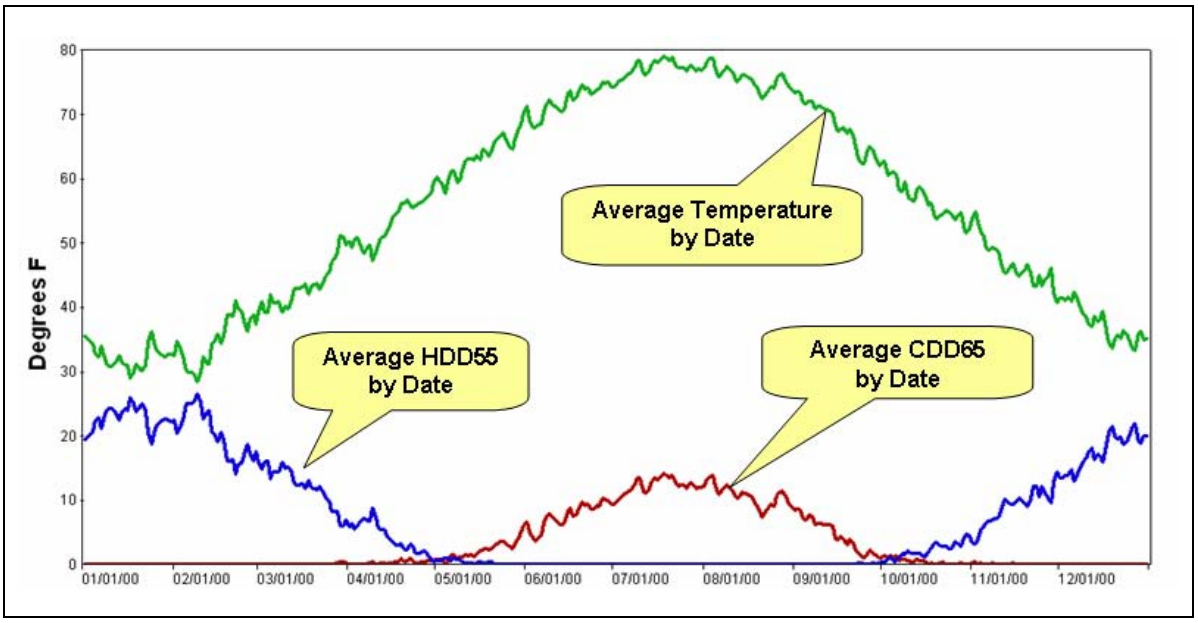

Figure 4: *Example of Average by Data over 30 Years*

Although these values are averaged over 30 years, there remain some irregularities, based on the specific 30 year time span that is chosen. To remove these irregularities, centered moving averages can be used. Figure 5 shows CDD and HDD values using a 30 day centered moving average for a variety of trigger temperatures.

The smoothed CDD and HDD averages by date are appropriate for use in energy normalization calculations, such as:

- Computing normal energy for billing cycles
- Computing normal energy for calendar months
- Computing normal energy for unbilled days
- Energy variance by calendar month

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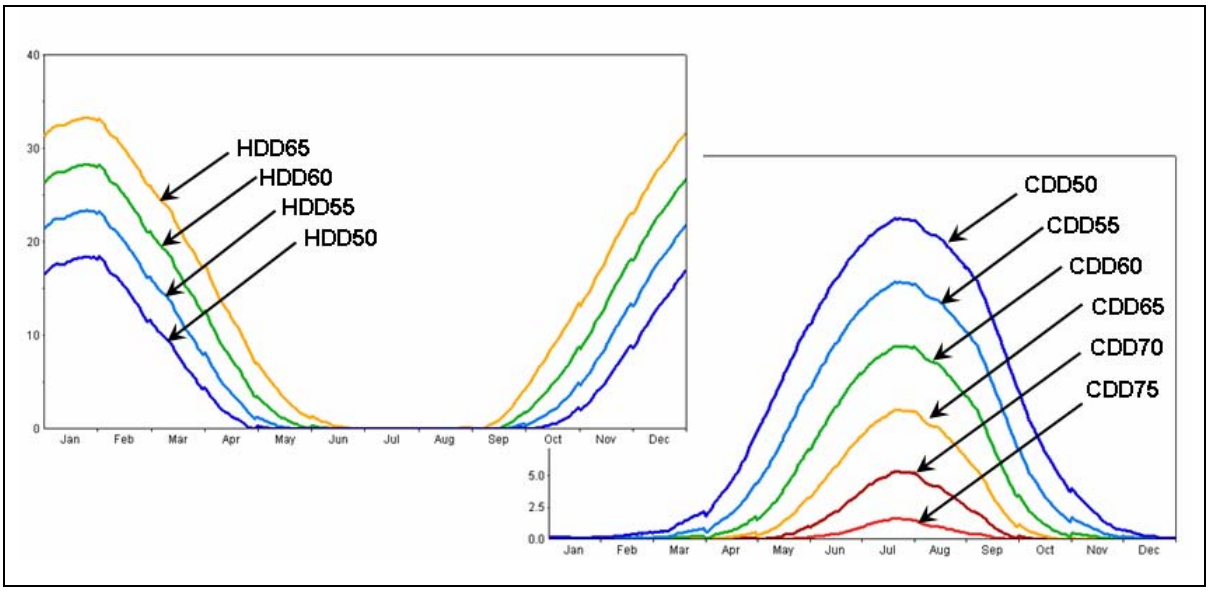

Figure 5: *Example of CDD and HDD – Smoothed 30 Year Average by Date*

As will be shown below, HDD and CDD values can be averaged by date, and these values will be appropriate for energy forecasting and energy normalization. NOAA provides daily normals computed in this way. While these values are appropriate for energy normalization, they are not intended to be used for peak normalization. The principal is:

Weather data (HDD and CDD) can be ranked by date across years. The results can then be smoothed using centered moving averages. The results are appropriate for energy normalization and energy forecasting.

Nonlinear Relationship between Energy and Weather

It is well understood that the relationship between temperature and energy use is nonlinear. As shown in Figure 6, electricity usage typically has a balance point (about 60 degrees in the figure). To the right of the balance point, as temperatures rise, energy use begins to rise. The early degrees above 60 are relatively low powered, and the sensitivity increases to the high powered degrees above 75.

To the left of the balance point, as temperature drops, energy use also begins to rise. Again, the early degrees are relatively low powered, and the later (colder) degrees below 50 are relatively high powered.

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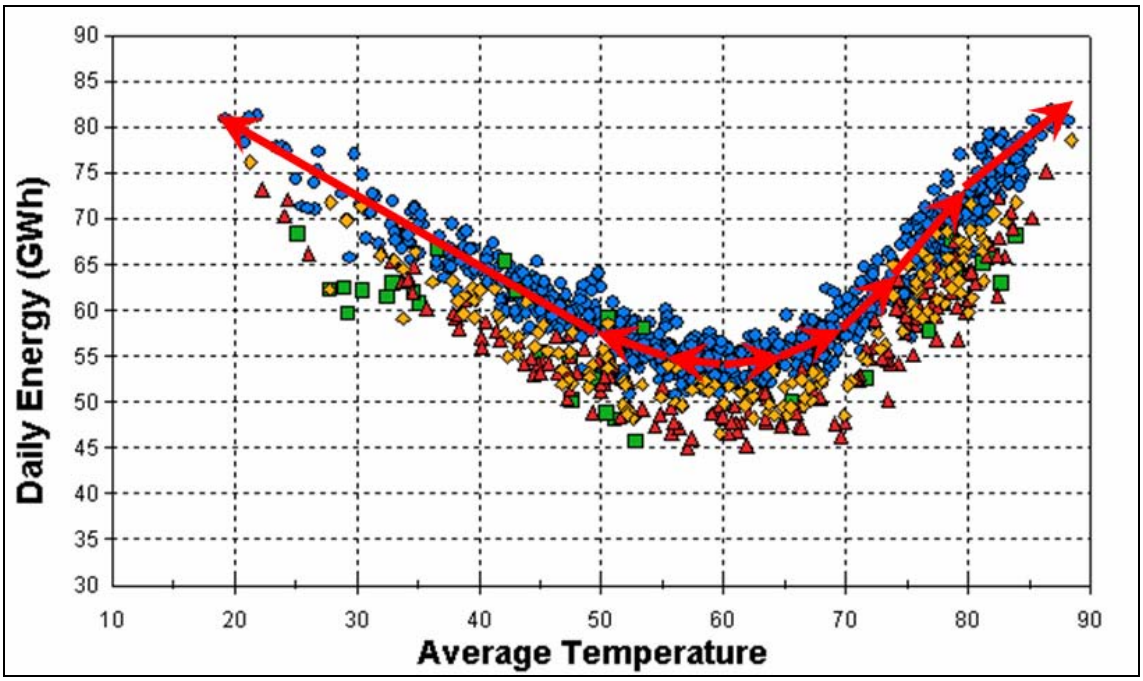

Figure 6: *Example of Relationship between Energy and Temperature*

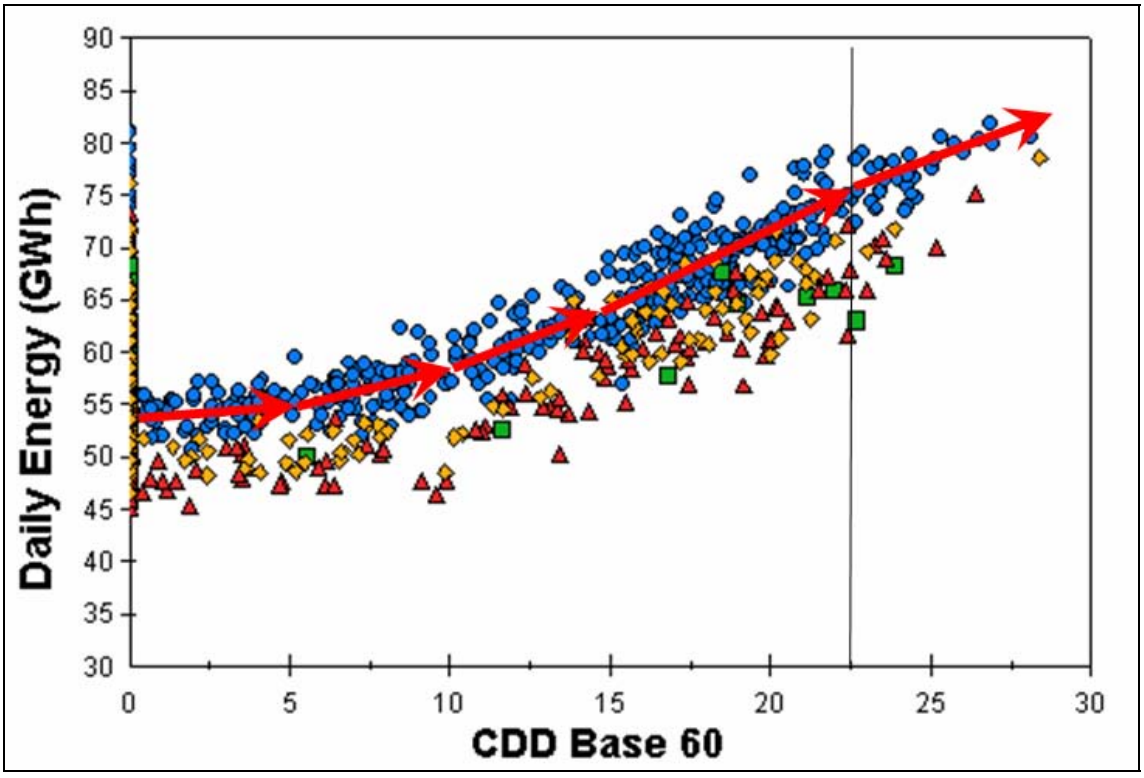

Figure 7: *Example of Relationship between Energy and CDD60*

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Focusing on the warm side, Figure 7 shows the relationship between daily energy (on the Y axis) and cooling degree days (CDD) with a base of 60. This is the way a regression sees the data with cooling degree days as the explanatory variables.

The presence of this strong nonlinear relationship has implications for the construction of weather variables because of the potential of aggregation bias. This type of bias occurs whenever there is a convex or concave function. In the case of energy usage and temperature, the relationship is convex. For convex functions, the average of predicted values for two X inputs always lies above the predicted value at the average of the X inputs. There are two operations that this impacts.

- Averaging across stations to define weather zone conditions.
- Averaging across years to define normal weather.

An example of averaging across stations is provided in Figure 8. In this example, there are two regions and one weather station for each region. Assume that half of the load is in each region. In the first region, the average temperature for the day is 60 degrees and the corresponding load is point A. In the second region, the average temperature for the day is 80 degrees and the corresponding load is point B. If we weight the stations together, the average temperature is 70 degrees, and the predicted average load for the two regions at this average temperature is the point C. In fact, this grossly underestimates the true average load across regions, which is the point D. This is a classic example of aggregation bias. If we average temperatures across the stations, and then compute CDD values from this average, we will consistently understate the total load for the two regions.

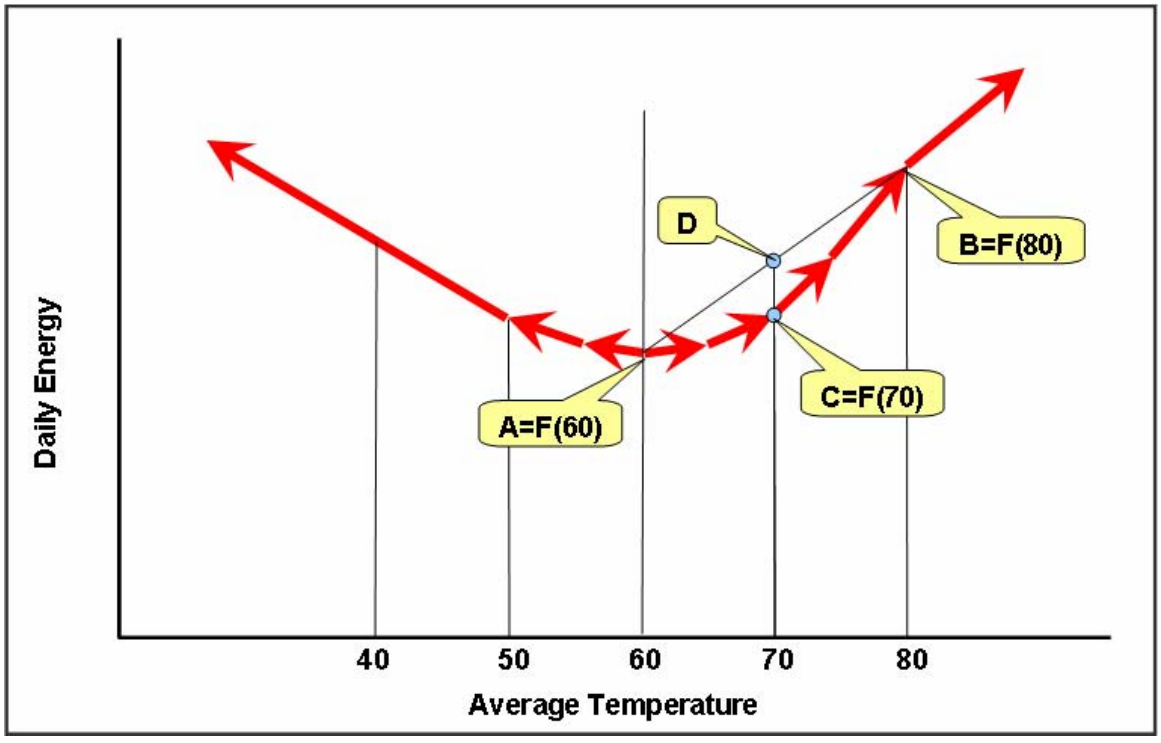

Figure 8: *Example of Aggregation Bias – Averaging across Stations*

The second example is similar, but involves aggregation across years. This example would apply in the swing months (spring and fall), when weather can be hot or cold. Suppose the data are for May 15. In the example, there are two years. In the first, May 15 is a warm day, with average temperature of 70 (point A). In the second year, May 15 is a cool day, with average temperature of 50

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(point B). If we average the temperatures across the two years and then compute HDD and CDD variables, we get an average temperature of 60 and a load with no heating and no cooling (point C). The appropriate average load for the two years is point D, which has some cooling load from point A and some heating load from point B.

Our interest in weather normalization is not in the average temperature. It is in the average load. Ideally, we would like to simulate past weather patterns through a load model and average the resulting simulated loads. The center of the distribution of simulated loads is the normal load. This can be closely approximated by computing HDD variables for each year, computing CDD variables for each year, averaging these variables and plugging them into energy models.

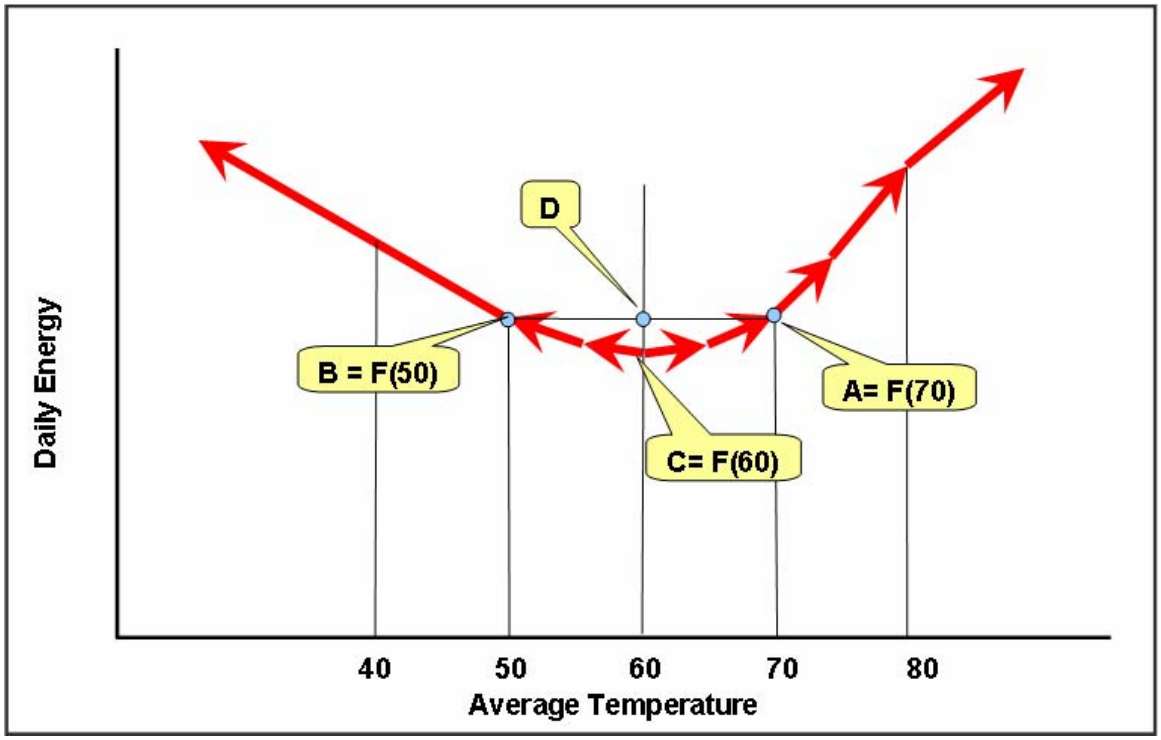

Figure 9: *Example of Aggregation Bias – Averaging Across Years*

The calculation of normal weather corresponding to this example is shown at the right. If we first average the May 15 values across the two years, we get an average temperature of 60 degrees. At this average, there are no HDD or CDD measured from a base of 60 or a base of 65. If we first compute the HDD and CDD values for each year and then average, we get HDD and CDD values at both 60 and 65 degrees.

	Year 1	Year 2	Average
Daily Avg	70.0	50.0	60.0
CDD 60	10.0	0.0	5.0
CDD 65	5.0	0.0	2.5
HDD 60	0.0	10.0	5.0
HDD 65	0.0	5.0	2.5

The point is that if we average temperatures across years and then compute CDD and HDD values, we will get a downward bias in normalized energy use. Using this average there is no heating or cooling despite the fact that there is either heating or cooling in both of the historical years. This will give a normalized energy value that is too low.

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The correct process is to compute HDD and CDD values first and then average these values across years. There is a general principal here:

In the presence of nonlinear relationships, apply all nonlinear operations (such as computing HDD and CDD values) first and then average across years. When using models with multiple HDD and CDD variables, this will closely approximate the result that would occur by simulating energy use with each weather pattern and averaging the energy results.

This is not just a hypothetical possibility. Figure 10 shows the results of aggregation bias when temperatures are averaged over 30 years, and HDD and CDD values are then computed from the averages. As shown, in this example, CDD and HDD values are significantly understated in the swing months (April, May, October, and November).

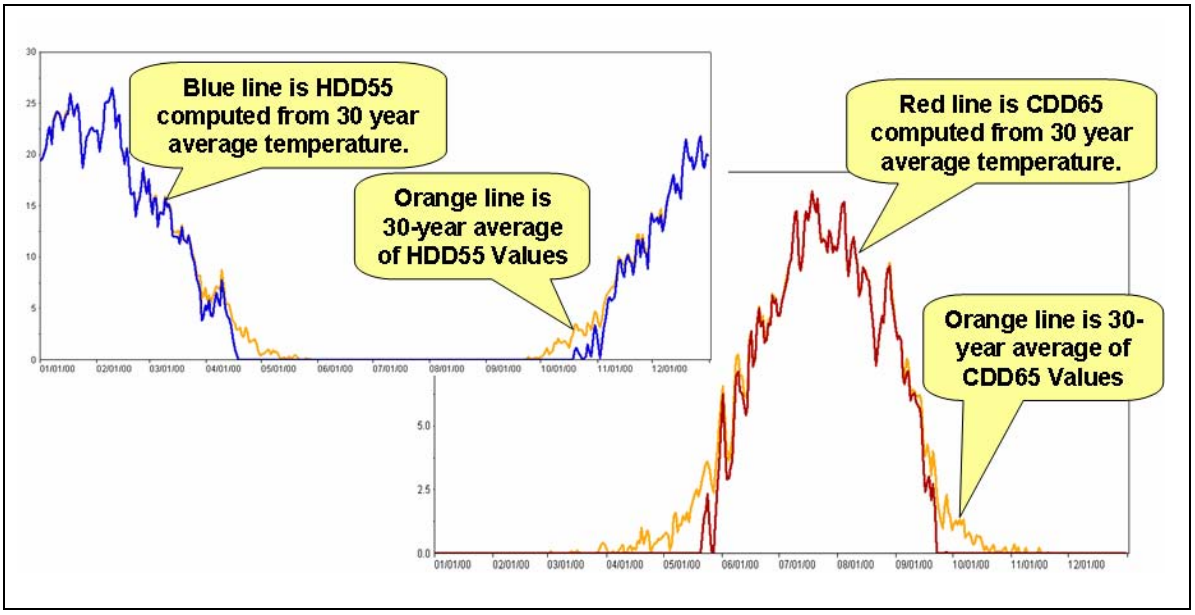

Figure 10: *Example of Aggregation Bias with HDD65 and CDD65*

To reiterate, if we average temperatures across years first and then compute HDD and CDD, there will be a downward bias in normalized energy use. Similarly, if we estimate with actual daily weather and forecast with normal weather, we will under-forecast the true expected value.

Calculating Average Temperature

For many years, the industry standard has been to compute average temperature for a day as the average of the maximum and minimum values for that day. This process was natural in past decades when many weather stations only reported max and min values. On days with typical weather patterns, the average of the max and min values will closely approximate the average of the hourly values. There is an obvious problem however, on days when typical weather patterns are disrupted by weather fronts, afternoon thunderstorms, and similar disturbances.

An example is provided in Figure 11. In the figure, hourly weather values are shown for the week of July 8. On the 8th, the weather pattern is typical, with the warmest temperatures in the late afternoon. On the 9th, temperatures drop in the afternoon and on the 10th and 11th, temperatures drop dramatically.

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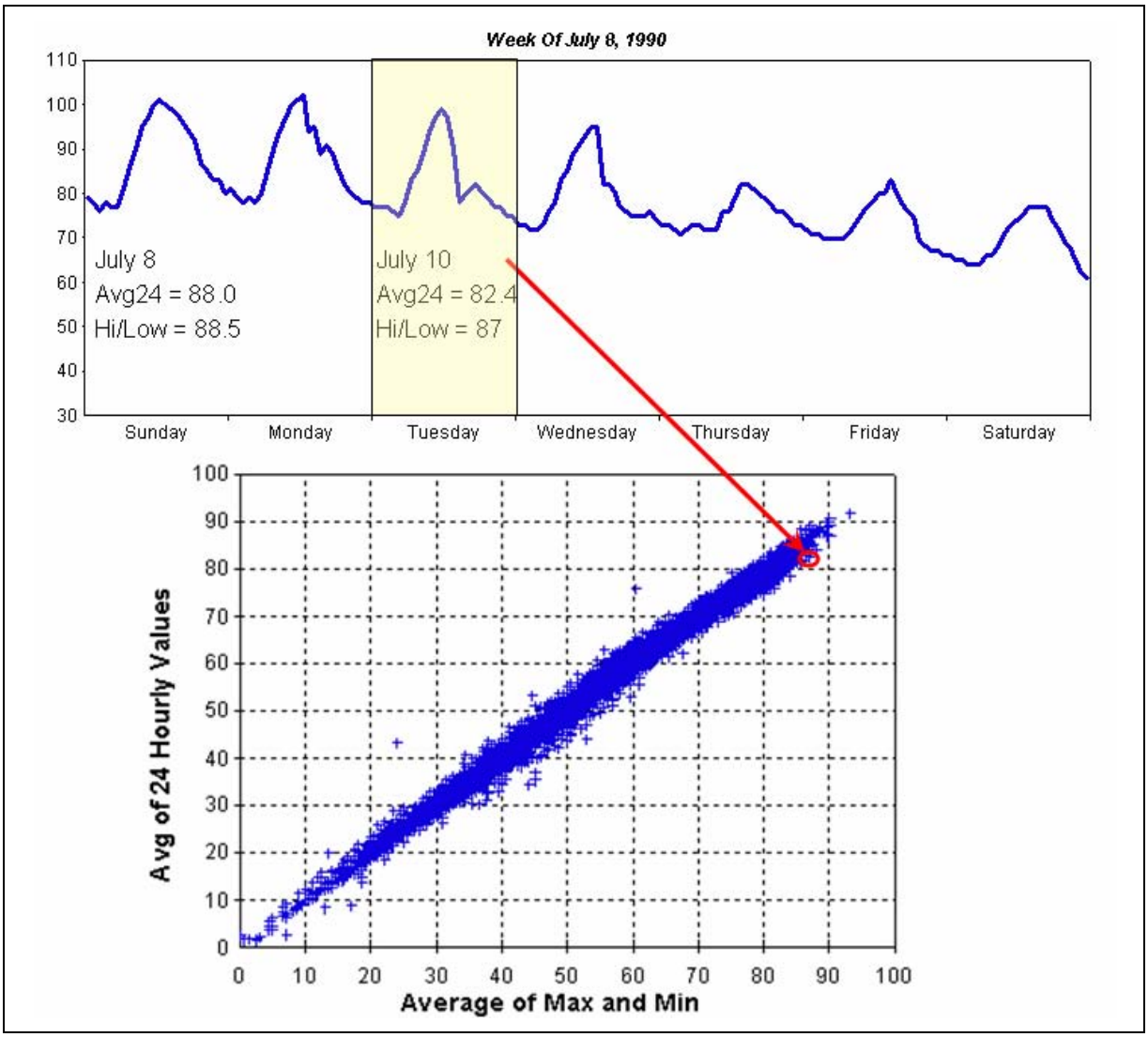

Figure 11: *Example of High+Low/2 versus Average of Hourly Values*

As shown, the average temperature on the 8th computed as average of the high and low values is close to the average of the 24 hourly values (about 88 degrees in both cases). This is not the case on the 10th, where the average over 24 hours (82.4 degrees) is almost 5 degrees below the average of the high and low values (87 degrees).

Ultimately, the data will tell us which approach is the most powerful predictor of energy use. In every test performed to date, the average of 24 hourly values performs better than the average of the high and low values. As a result, we conclude:

Given the capability of modern weather measurement equipment to gather hourly data, it is recommended that HDD and CDD values for each day be computed from the average of the 24 hourly values.

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Peak Producing Weather

As discussed above, one way to simulate monthly and annual peaks is to create a chaotic weather pattern with typical extremes in each month. This weather pattern can then be used to simulate daily and hourly energy over a year. For estimating peaks, however, it is usually better to deal only with the peak data. This is done using the following procedure.

- Identify the system peak days in each month or season.
- Store the weather data for the peak day and prior days.
- Average peak day and prior day weather across years.

The result of these steps is a database of peak producing weather. These values can be averaged to get normal peak producing weather, or the extreme values can be analyzed to define design conditions (e.g., 1 in 20).

For summer and winter months, the order of operations is not critical, since all the summer peak days will be very warm and all the winter peak days will be very cold. Under these circumstances, the danger of aggregation bias is slight because all the data is in a relatively linear part of the weather relationship. In the swing months, it is probably best to identify each month as either a warm peak month or cold peak month, and average only warm days or cold days respectively. Again, it is best to compute CDD and HDD values first, and then average these values across years.

Peak producing weather is not necessarily the weather on the hottest day in summer or the coldest day in winter. Prior day weather matters and the timing of weekend days and holidays matter. This point is illustrated in Figure 12, which shows the daily weather data (high, low, and average temperatures) for each day in July and November of a selected year. The circled values are the actual system peak days in these months.

- In July, the warmest weather occurs on 4th, with hot weather on the preceding days as well. The actual system peak occurs on July 23rd, which was a Tuesday in this year.
- In November, the coldest weather occurs on November 28. The actual system peak occurs on November 18th, a Monday following a relatively cold weekend.

As an alternative, it is possible to average extreme weather across years. This will typically result in more extreme weather values than those computed over actual peak days. This follows from the fact that the most extreme weather conditions will occur on a weekend or holiday about 30% of the time and will not produce peak loads because of attenuated business loads on these days. The resulting principal is:

To define normal peak producing weather, identify actual system peak days and the weather on these days and on preceding days. Use this weather to define normal peak producing weather by month or by season.

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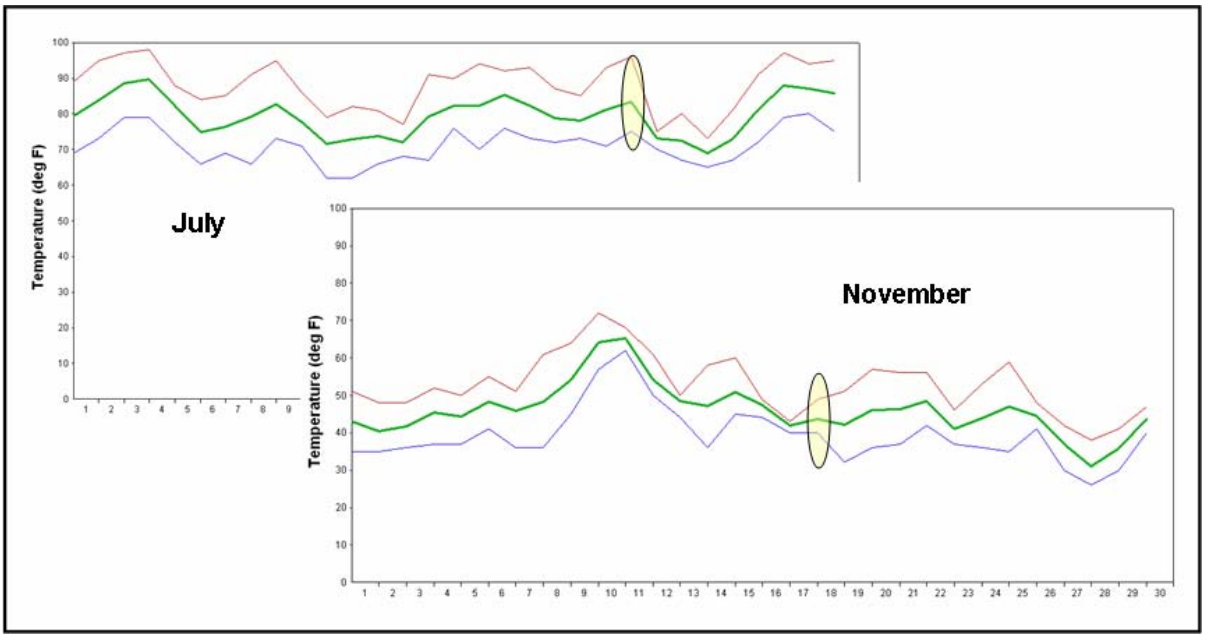

Figure 12: *Examples of Peak Day Weather*

Conclusion

The above principals suggest some best practices. First, for estimating monthly energy models with retail data, the dependent variable will usually be sales on a billing cycle basis, and the right hand weather variables will typically be the HDD and CDD values that occurred over the days in the cycles.

For normalizing historical monthly sales and for forecasting monthly sales with normal weather, the following steps are recommended.

- Estimate monthly energy models using multiple HDD and CDD variables to approximate the nonlinear response of daily energy use, and therefore monthly energy use, to weather conditions.
- If possible, use insights from daily load research data to understand or structure the appropriate weighting between multiple HDD variables and multiple CDD variables.
- Use hourly weather data to construct daily average temperatures as an average of the 24 hourly values. Use these average values to compute daily HDD and CDD values at each base temperature.
- Once daily HDD and CDD values are computed for each station, average these values across weather stations using appropriate weights. If appropriate, use different station weights for winter months and summer months.
- For monthly sales, sum daily HDD and CDD values across days in each billing cycle and weight the sums across cycles. Different cycle weights may be appropriate for different classes.
- For simulating calendar month sales, sum daily HDD and CDD values across days in the calendar month. No weights are involved in this calculation.
- For simulating monthly unbilled sales, sum daily HDD and CDD values across unbilled days for each cycle and weight these sums across cycles.
- To define normal HDD and CDD values, average HDD and CDD values across years for each date. It may be desirable to smooth these results using centered moving averages. The result is a single set of daily normals for each HDD and each CDD variable.

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- To define normal HDD and CDD values for cycle months and calendar months, combine the daily data normal values using the same process as for the actual values.

The same daily normal values that are used to construct monthly normal values can also be used in daily models of system loads to normalize daily system energy. The result will be as depicted in the Figure 12, which shows actual daily energy in the top diagram and normalized daily energy in the bottom diagram.

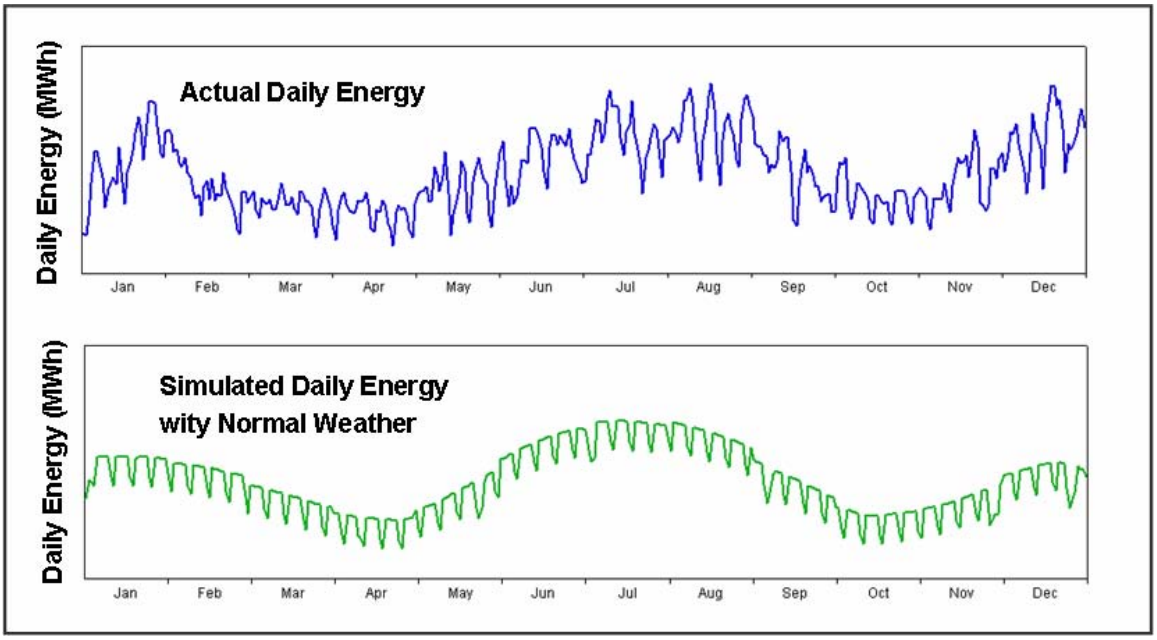

Figure 13: *Depiction of Actual and Normal Daily Energy*

While the above recommendations will work well for simulating normal energy and for energy forecasting, the normal weather variables are not appropriate for simulating normal peaks or for forecasting peaks with normal weather. Recommendations for peak modeling are:

- For estimating and simulating monthly and annual peaks, it is best to build models of actual peaks, explained by the actual weather that produced those peaks. Nonlinearities are less important here, since peak days typically occur on the extreme hot or cold days, where weather response is relatively linear.
- To identify normal peak producing weather, identify historical peak days. Organize the weather data for each peak day and for prior days. These values can then be averaged over years to define normal peak producing weather.
- Some consideration must be given to the swing months, since they may have warm day peaks in some years and cold day peaks in other years. Use the historical data to define each month as a warm peak month or a cold peak month, and average only over the appropriate subset of the data to define normal peak producing weather for these months.

If it is necessary to generate an 8,760 hourly profile for dispatch simulation or other similar purposes, define a third set of normal weather that is based on rank and average methods. Rank and average daily weather values will embody normal extreme values as well as normal averages. The recommended process for generating the 8,760 profile is as follows.

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- The normal daily weather values will need to be assigned to a calendar for each forecast year. It may be desirable to rotate this weather so that it starts on the same day type each year (e.g., the first day is always assigned to the first Monday of each year.
- Once the normal (rank and average) daily weather pattern is assigned to days, hourly models can be used to generate 8,760 estimates for each class and the results can be added across classes and adjusted for losses (a bottom-up approach). Or the weather can be used to simulate hourly loads for the system as a whole (a top-down approach).
- The resulting system load estimates can then be calibrated to the calendar month energy and peak forecasts from earlier steps, resulting in a single consistent set of monthly energy values, monthly peak values, and hourly system loads.

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To know more, start here: www.itron.com

Itron Inc.
Corporate Headquarters
2111 North Molter Road
Liberty Lake, Washington 99019
U.S.A.
Tel.: 1.800.635.5461
Fax: 1.509.891.3355

Itron Inc.
Energy Forecasting - West
11236 El Camino Real
San Diego, California 92130-2650
Phone: 1.858-724-2620
Toll Free: 1.800.755.9585
Fax: 1.858.724.2690
Email: forecasting@itron.com
www.itron.com/forecasting

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Average Daily Temperatures collected for Each day of 30 Years for each of three weather stations in DEF service Area.

MCO Orlando Florida International Airport
TLH Tallahassee Florida International Airport
TPAPIE Saint Petersburg / Clearwater: St Pete-CLWTR Florida International Airport

Weather Splines for each of the three weather stations are weighted by Load distribution across DEF territory

Weather Station Code	Description of Weather Station	Weighting
MCO	ORLANDO: ORLANDO INTERNATIONAL AIRPORT (12815)	0.45
TLH	TALLAHASSEE: TALLAHASSEE REGIONAL AIRPORT (93805)	0.10
PIE	ST PETERSBURG/CLEARWATER: ST PETE-CLWTR INTL AIRPORT (12873)	0.45

Methodology
Collect the Average daily temperatures by weather station and by month and day from 1919 to 2020 for the three stations listed above.
The data is stored at company web sight below.
S:\Morecast\Weather\2022\DEF 1991_2020 WN\TPAPIE_1991_2020_Weather_Normal.xls
S:\Morecast\Weather\2022\DEF 1991_2020 WN\TLH_1991_2020_Weather_Normal.xls
S:\Morecast\Weather\2022\DEF 1991_2020 WN\MCO_1991_2020_Weather_Normal.xls

See tab labeled **"Actuals 1_1_86 to 6_22021"**

Each of the tabs below have the calculation of the Normal temperature and the weather normal weather spline variables calculated for each of the three weather stations listed in row 10 to 12.

PIE Normal calculation
TLH Normal Calculation
MCO Normal Calculation

The average daily temperatures are calculated for each day of the month over the years 1919-2020
The average daily temperatures calculated over the years 1919-2020 are ranked by month .
An average rank of daily weather is established for each day of the month.
The average daily temperatures are sorted by rank to establish the average daily temperature by month for each rank.
Each of the normal daily temperatures are collected from the rank list and the average daily temperatures per rank to derrive an average normal temperature for each day of the month.

HDD and CDD splines are calculated from the normal average daily temperatures.
See Columns AB to AI in the three tabls listed above for the results of the the temperature and weather spline calculations.
The weather station temperature and spline data are wieghted by the factors listed in row 9-12 above. The factors reflect load distribution across the regions sourounding the weather stations.

See tab labled **"WTR Sta Weighted Avg Temp Data"** for the results of the weather normal daily temperature and weather spline calculation for the DEF Load Forecast Spring 2022.

Contact Information:

If you have questions on this data ,please contact:

Joseph Phalen
Principal Load Forecaster
Duke Energy

281-733-7845
Joseph.Phalen@Duke-Energy.com

Weight =	0.45	Weight =	0.1

		Saint Petersburg / Clearwater: St Pete-CLWTR Florida International Airport						Tallahassee Florida International Airport				
			Weather Splines for Normal Weather Forecast Scenarios								Weather Splines for Normal Weather	
Month	Day of Month	Normal Daily Temperature	NCDD_D_65_Avg	NHDD_D_59_Avg	NCDD_D_75_Avg	NHDD_D_65_Avg	NHDD_D_50_Avg	Month	Day of Month	Normal Daily Temperature	NCDD_D_65_Avg	NHDD_D_59_Avg
1.0	1	**64.30**	**0.00**	**0.00**	**0.00**	**0.70**	**0.00**	1.0	1	**54.91**	**0.00**	**4.09**
1.0	2	**64.34**	**0.00**	**0.00**	**0.00**	**0.66**	**0.00**	1.0	2	**55.62**	**0.00**	**3.38**
1.0	3	**61.65**	**0.00**	**0.00**	**0.00**	**3.35**	**0.00**	1.0	3	**52.87**	**0.00**	**6.13**
1.0	4	**59.73**	**0.00**	**0.00**	**0.00**	**5.27**	**0.00**	1.0	4	**51.49**	**0.00**	**7.51**
1.0	5	**59.83**	**0.00**	**0.00**	**0.00**	**5.17**	**0.00**	1.0	5	**51.11**	**0.00**	**7.89**
1.0	6	**61.57**	**0.00**	**0.00**	**0.00**	**3.43**	**0.00**	1.0	6	**51.93**	**0.00**	**7.07**
1.0	7	**60.52**	**0.00**	**0.00**	**0.00**	**4.48**	**0.00**	1.0	7	**51.01**	**0.00**	**7.99**
1.0	8	**60.12**	**0.00**	**0.00**	**0.00**	**4.88**	**0.00**	1.0	8	**50.17**	**0.00**	**8.83**
1.0	9	**60.04**	**0.00**	**0.00**	**0.00**	**4.96**	**0.00**	1.0	9	**51.98**	**0.00**	**7.02**
1.0	10	**61.35**	**0.00**	**0.00**	**0.00**	**3.65**	**0.00**	1.0	10	**52.65**	**0.00**	**6.35**
1.0	11	**61.67**	**0.00**	**0.00**	**0.00**	**3.33**	**0.00**	1.0	11	**53.21**	**0.00**	**5.79**
1.0	12	**63.02**	**0.00**	**0.00**	**0.00**	**1.98**	**0.00**	1.0	12	**53.83**	**0.00**	**5.17**
1.0	13	**61.76**	**0.00**	**0.00**	**0.00**	**3.24**	**0.00**	1.0	13	**53.18**	**0.00**	**5.82**
1.0	14	**59.98**	**0.00**	**0.00**	**0.00**	**5.02**	**0.00**	1.0	14	**51.06**	**0.00**	**7.94**
1.0	15	**59.58**	**0.00**	**0.00**	**0.00**	**5.42**	**0.00**	1.0	15	**51.20**	**0.00**	**7.80**
1.0	16	**60.26**	**0.00**	**0.00**	**0.00**	**4.74**	**0.00**	1.0	16	**50.83**	**0.00**	**8.17**
1.0	17	**59.58**	**0.00**	**0.00**	**0.00**	**5.42**	**0.00**	1.0	17	**50.55**	**0.00**	**8.45**
1.0	18	**58.49**	**0.00**	**0.51**	**0.00**	**6.51**	**0.00**	1.0	18	**51.27**	**0.00**	**7.73**
1.0	19	**60.23**	**0.00**	**0.00**	**0.00**	**4.77**	**0.00**	1.0	19	**50.88**	**0.00**	**8.12**
1.0	20	**59.03**	**0.00**	**0.00**	**0.00**	**5.97**	**0.00**	1.0	20	**48.84**	**0.00**	**10.16**
1.0	21	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**	1.0	21	**50.91**	**0.00**	**8.09**
1.0	22	**61.57**	**0.00**	**0.00**	**0.00**	**3.43**	**0.00**	1.0	22	**53.13**	**0.00**	**5.87**
1.0	23	**62.02**	**0.00**	**0.00**	**0.00**	**2.98**	**0.00**	1.0	23	**53.62**	**0.00**	**5.38**
1.0	24	**59.97**	**0.00**	**0.00**	**0.00**	**5.03**	**0.00**	1.0	24	**51.87**	**0.00**	**7.13**
1.0	25	**58.41**	**0.00**	**0.59**	**0.00**	**6.59**	**0.00**	1.0	25	**49.93**	**0.00**	**9.07**
1.0	26	**59.95**	**0.00**	**0.00**	**0.00**	**5.05**	**0.00**	1.0	26	**51.70**	**0.00**	**7.30**
1.0	27	**61.15**	**0.00**	**0.00**	**0.00**	**3.85**	**0.00**	1.0	27	**53.43**	**0.00**	**5.57**
1.0	28	**61.38**	**0.00**	**0.00**	**0.00**	**3.62**	**0.00**	1.0	28	**52.59**	**0.00**	**6.41**
1.0	29	**62.47**	**0.00**	**0.00**	**0.00**	**2.53**	**0.00**	1.0	29	**52.45**	**0.00**	**6.55**
1.0	30	**61.86**	**0.00**	**0.00**	**0.00**	**3.14**	**0.00**	1.0	30	**53.13**	**0.00**	**5.87**
1.0	31	**60.01**	**0.00**	**0.00**	**0.00**	**4.99**	**0.00**	1.0	31	**51.25**	**0.00**	**7.75**
2.0	1	**61.60**	**0.00**	**0.00**	**0.00**	**3.40**	**0.00**	2.0	1	**52.81**	**0.00**	**6.19**
2.0	2	**63.05**	**0.00**	**0.00**	**0.00**	**1.95**	**0.00**	2.0	2	**54.13**	**0.00**	**4.87**
2.0	3	**62.38**	**0.00**	**0.00**	**0.00**	**2.62**	**0.00**	2.0	3	**53.59**	**0.00**	**5.41**
2.0	4	**62.25**	**0.00**	**0.00**	**0.00**	**2.75**	**0.00**	2.0	4	**53.38**	**0.00**	**5.62**
2.0	5	**61.10**	**0.00**	**0.00**	**0.00**	**3.90**	**0.00**	2.0	5	**53.30**	**0.00**	**5.70**
2.0	6	**61.85**	**0.00**	**0.00**	**0.00**	**3.15**	**0.00**	2.0	6	**53.23**	**0.00**	**5.77**
2.0	7	**61.62**	**0.00**	**0.00**	**0.00**	**3.38**	**0.00**	2.0	7	**52.93**	**0.00**	**6.07**

2.0	8	**60.11**	**0.00**	**0.00**	**0.00**	**4.89**	**0.00**	2.0	8	**52.43**	**0.00**	**6.57**
2.0	9	**60.92**	**0.00**	**0.00**	**0.00**	**4.08**	**0.00**	2.0	9	**53.02**	**0.00**	**5.98**
2.0	10	**62.53**	**0.00**	**0.00**	**0.00**	**2.47**	**0.00**	2.0	10	**54.43**	**0.00**	**4.57**
2.0	11	**62.76**	**0.00**	**0.00**	**0.00**	**2.24**	**0.00**	2.0	11	**55.97**	**0.00**	**3.03**
2.0	12	**62.27**	**0.00**	**0.00**	**0.00**	**2.73**	**0.00**	2.0	12	**54.42**	**0.00**	**4.58**
2.0	13	**61.08**	**0.00**	**0.00**	**0.00**	**3.92**	**0.00**	2.0	13	**52.47**	**0.00**	**6.53**
2.0	14	**61.18**	**0.00**	**0.00**	**0.00**	**3.82**	**0.00**	2.0	14	**52.70**	**0.00**	**6.30**
2.0	15	**63.58**	**0.00**	**0.00**	**0.00**	**1.42**	**0.00**	2.0	15	**55.16**	**0.00**	**3.84**
2.0	16	**63.04**	**0.00**	**0.00**	**0.00**	**1.96**	**0.00**	2.0	16	**56.07**	**0.00**	**2.93**
2.0	17	**62.91**	**0.00**	**0.00**	**0.00**	**2.09**	**0.00**	2.0	17	**55.36**	**0.00**	**3.64**
2.0	18	**63.39**	**0.00**	**0.00**	**0.00**	**1.61**	**0.00**	2.0	18	**56.20**	**0.00**	**2.80**
2.0	19	**64.50**	**0.00**	**0.00**	**0.00**	**0.50**	**0.00**	2.0	19	**56.94**	**0.00**	**2.06**
2.0	20	**65.47**	**0.47**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	20	**57.16**	**0.00**	**1.84**
2.0	21	**66.23**	**1.23**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	21	**59.78**	**0.00**	**0.00**
2.0	22	**67.63**	**2.63**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	22	**60.69**	**0.00**	**0.00**
2.0	23	**67.47**	**2.47**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	23	**60.70**	**0.00**	**0.00**
2.0	24	**66.61**	**1.61**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	24	**59.45**	**0.00**	**0.00**
2.0	25	**66.48**	**1.48**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	25	**58.51**	**0.00**	**0.49**
2.0	26	**66.47**	**1.47**	**0.00**	**0.00**	**0.00**	**0.00**	2.0	26	**57.77**	**0.00**	**1.23**
2.0	27	**63.48**	**0.00**	**0.00**	**0.00**	**1.52**	**0.00**	2.0	27	**55.71**	**0.00**	**3.29**
2.0	28	**64.09**	**0.00**	**0.00**	**0.00**	**0.91**	**0.00**	2.0	28	**57.09**	**0.00**	**1.91**
3.0	1	**66.42**	**1.42**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	1	**59.29**	**0.00**	**0.00**
3.0	2	**66.80**	**1.80**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	2	**60.06**	**0.00**	**0.00**
3.0	3	**65.48**	**0.48**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	3	**59.26**	**0.00**	**0.00**
3.0	4	**64.06**	**0.00**	**0.00**	**0.00**	**0.94**	**0.00**	3.0	4	**56.04**	**0.00**	**2.96**
3.0	5	**64.09**	**0.00**	**0.00**	**0.00**	**0.91**	**0.00**	3.0	5	**57.08**	**0.00**	**1.92**
3.0	6	**65.14**	**0.14**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	6	**58.26**	**0.00**	**0.74**
3.0	7	**65.80**	**0.80**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	7	**58.45**	**0.00**	**0.55**
3.0	8	**65.21**	**0.21**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	8	**57.89**	**0.00**	**1.11**
3.0	9	**65.53**	**0.53**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	9	**58.72**	**0.00**	**0.28**
3.0	10	**65.70**	**0.70**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	10	**59.63**	**0.00**	**0.00**
3.0	11	**65.42**	**0.42**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	11	**59.17**	**0.00**	**0.00**
3.0	12	**66.44**	**1.44**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	12	**60.08**	**0.00**	**0.00**
3.0	13	**66.18**	**1.18**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	13	**60.54**	**0.00**	**0.00**
3.0	14	**66.21**	**1.21**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	14	**61.06**	**0.00**	**0.00**
3.0	15	**66.72**	**1.72**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	15	**61.42**	**0.00**	**0.00**
3.0	16	**67.87**	**2.87**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	16	**62.59**	**0.00**	**0.00**
3.0	17	**67.92**	**2.92**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	17	**61.95**	**0.00**	**0.00**
3.0	18	**68.30**	**3.30**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	18	**62.85**	**0.00**	**0.00**
3.0	19	**68.35**	**3.35**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	19	**64.20**	**0.00**	**0.00**
3.0	20	**68.75**	**3.75**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	20	**63.24**	**0.00**	**0.00**
3.0	21	**67.39**	**2.39**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	21	**62.70**	**0.00**	**0.00**
3.0	22	**67.30**	**2.30**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	22	**62.35**	**0.00**	**0.00**
3.0	23	**68.00**	**3.00**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	23	**62.60**	**0.00**	**0.00**
3.0	24	**69.21**	**4.21**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	24	**64.20**	**0.00**	**0.00**

3.0	25	**69.67**	**4.67**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	25	**64.04**	**0.00**	**0.00**
3.0	26	**69.87**	**4.87**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	26	**63.61**	**0.00**	**0.00**
3.0	27	**69.81**	**4.81**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	27	**64.44**	**0.00**	**0.00**
3.0	28	**69.94**	**4.94**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	28	**64.67**	**0.00**	**0.00**
3.0	29	**70.23**	**5.23**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	29	**65.01**	**0.01**	**0.00**
3.0	30	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	30	**64.85**	**0.00**	**0.00**
3.0	31	**70.71**	**5.71**	**0.00**	**0.00**	**0.00**	**0.00**	3.0	31	**64.67**	**0.00**	**0.00**
4.0	1	**69.77**	**4.77**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	1	**63.96**	**0.00**	**0.00**
4.0	2	**69.82**	**4.82**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	2	**63.84**	**0.00**	**0.00**
4.0	3	**70.36**	**5.36**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	3	**64.99**	**0.00**	**0.00**
4.0	4	**71.67**	**6.67**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	4	**66.87**	**1.87**	**0.00**
4.0	5	**70.98**	**5.98**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	5	**65.43**	**0.43**	**0.00**
4.0	6	**71.14**	**6.14**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	6	**65.49**	**0.49**	**0.00**
4.0	7	**71.34**	**6.34**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	7	**65.56**	**0.56**	**0.00**
4.0	8	**72.17**	**7.17**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	8	**66.37**	**1.37**	**0.00**
4.0	9	**71.97**	**6.97**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	9	**67.22**	**2.22**	**0.00**
4.0	10	**71.91**	**6.91**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	10	**66.32**	**1.32**	**0.00**
4.0	11	**72.84**	**7.84**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	11	**67.21**	**2.21**	**0.00**
4.0	12	**73.51**	**8.51**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	12	**68.47**	**3.47**	**0.00**
4.0	13	**73.79**	**8.79**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	13	**68.57**	**3.57**	**0.00**
4.0	14	**72.89**	**7.89**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	14	**67.36**	**2.36**	**0.00**
4.0	15	**72.43**	**7.43**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	15	**66.78**	**1.78**	**0.00**
4.0	16	**71.45**	**6.45**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	16	**65.92**	**0.92**	**0.00**
4.0	17	**71.61**	**6.61**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	17	**66.63**	**1.63**	**0.00**
4.0	18	**72.06**	**7.06**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	18	**67.03**	**2.03**	**0.00**
4.0	19	**72.76**	**7.76**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	19	**67.99**	**2.99**	**0.00**
4.0	20	**72.94**	**7.94**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	20	**68.27**	**3.27**	**0.00**
4.0	21	**73.06**	**8.06**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	21	**68.82**	**3.82**	**0.00**
4.0	22	**73.45**	**8.45**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	22	**68.55**	**3.55**	**0.00**
4.0	23	**73.81**	**8.81**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	23	**68.84**	**3.84**	**0.00**
4.0	24	**73.82**	**8.82**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	24	**68.75**	**3.75**	**0.00**
4.0	25	**74.08**	**9.08**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	25	**69.66**	**4.66**	**0.00**
4.0	26	**74.77**	**9.77**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	26	**70.39**	**5.39**	**0.00**
4.0	27	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**	4.0	27	**70.25**	**5.25**	**0.00**
4.0	28	**74.87**	**9.87**	**0.00**	**0.00**	**0.00**	**0.00**	4.0	28	**69.93**	**4.93**	**0.00**
4.0	29	**75.76**	**10.76**	**0.00**	**0.76**	**0.00**	**0.00**	4.0	29	**70.33**	**5.33**	**0.00**
4.0	30	**75.23**	**10.23**	**0.00**	**0.23**	**0.00**	**0.00**	4.0	30	**70.21**	**5.21**	**0.00**
5.0	1	**75.22**	**10.22**	**0.00**	**0.22**	**0.00**	**0.00**	5.0	1	**71.00**	**6.00**	**0.00**
5.0	2	**76.24**	**11.24**	**0.00**	**1.24**	**0.00**	**0.00**	5.0	2	**71.67**	**6.67**	**0.00**
5.0	3	**76.46**	**11.46**	**0.00**	**1.46**	**0.00**	**0.00**	5.0	3	**72.21**	**7.21**	**0.00**
5.0	4	**76.48**	**11.48**	**0.00**	**1.48**	**0.00**	**0.00**	5.0	4	**72.35**	**7.35**	**0.00**
5.0	5	**76.23**	**11.23**	**0.00**	**1.23**	**0.00**	**0.00**	5.0	5	**71.92**	**6.92**	**0.00**
5.0	6	**76.27**	**11.27**	**0.00**	**1.27**	**0.00**	**0.00**	5.0	6	**72.24**	**7.24**	**0.00**
5.0	7	**76.03**	**11.03**	**0.00**	**1.03**	**0.00**	**0.00**	5.0	7	**71.93**	**6.93**	**0.00**
5.0	8	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**	5.0	8	**73.76**	**8.76**	**0.00**

5.0	9	**77.72**	**12.72**	**0.00**	**2.72**	**0.00**	**0.00**	5.0	9	**74.50**	**9.50**	**0.00**
5.0	10	**78.03**	**13.03**	**0.00**	**3.03**	**0.00**	**0.00**	5.0	10	**74.85**	**9.85**	**0.00**
5.0	11	**78.72**	**13.72**	**0.00**	**3.72**	**0.00**	**0.00**	5.0	11	**75.07**	**10.07**	**0.00**
5.0	12	**78.26**	**13.26**	**0.00**	**3.26**	**0.00**	**0.00**	5.0	12	**74.55**	**9.55**	**0.00**
5.0	13	**78.16**	**13.16**	**0.00**	**3.16**	**0.00**	**0.00**	5.0	13	**75.31**	**10.31**	**0.00**
5.0	14	**77.92**	**12.92**	**0.00**	**2.91**	**0.00**	**0.00**	5.0	14	**74.59**	**9.59**	**0.00**
5.0	15	**78.39**	**13.39**	**0.00**	**3.39**	**0.00**	**0.00**	5.0	15	**74.05**	**9.05**	**0.00**
5.0	16	**77.76**	**12.76**	**0.00**	**2.76**	**0.00**	**0.00**	5.0	16	**74.57**	**9.57**	**0.00**
5.0	17	**78.13**	**13.13**	**0.00**	**3.13**	**0.00**	**0.00**	5.0	17	**75.54**	**10.54**	**0.00**
5.0	18	**78.33**	**13.33**	**0.00**	**3.33**	**0.00**	**0.00**	5.0	18	**75.00**	**10.00**	**0.00**
5.0	19	**77.97**	**12.97**	**0.00**	**2.97**	**0.00**	**0.00**	5.0	19	**75.27**	**10.27**	**0.00**
5.0	20	**77.90**	**12.90**	**0.00**	**2.90**	**0.00**	**0.00**	5.0	20	**75.03**	**10.03**	**0.00**
5.0	21	**77.88**	**12.88**	**0.00**	**2.88**	**0.00**	**0.00**	5.0	21	**75.73**	**10.73**	**0.00**
5.0	22	**78.43**	**13.43**	**0.00**	**3.43**	**0.00**	**0.00**	5.0	22	**76.18**	**11.18**	**0.00**
5.0	23	**79.11**	**14.11**	**0.00**	**4.11**	**0.00**	**0.00**	5.0	23	**76.93**	**11.93**	**0.00**
5.0	24	**79.61**	**14.61**	**0.00**	**4.61**	**0.00**	**0.00**	5.0	24	**78.35**	**13.35**	**0.00**
5.0	25	**79.78**	**14.78**	**0.00**	**4.78**	**0.00**	**0.00**	5.0	25	**77.92**	**12.92**	**0.00**
5.0	26	**79.37**	**14.37**	**0.00**	**4.37**	**0.00**	**0.00**	5.0	26	**77.17**	**12.17**	**0.00**
5.0	27	**79.84**	**14.84**	**0.00**	**4.84**	**0.00**	**0.00**	5.0	27	**77.67**	**12.67**	**0.00**
5.0	28	**80.22**	**15.22**	**0.00**	**5.22**	**0.00**	**0.00**	5.0	28	**78.18**	**13.18**	**0.00**
5.0	29	**80.11**	**15.11**	**0.00**	**5.11**	**0.00**	**0.00**	5.0	29	**78.25**	**13.25**	**0.00**
5.0	30	**80.29**	**15.29**	**0.00**	**5.29**	**0.00**	**0.00**	5.0	30	**78.65**	**13.65**	**0.00**
5.0	31	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**	5.0	31	**78.73**	**13.73**	**0.00**
6.0	1	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	6.0	1	**78.30**	**13.30**	**0.00**
6.0	2	**79.97**	**14.97**	**0.00**	**4.97**	**0.00**	**0.00**	6.0	2	**78.55**	**13.55**	**0.00**
6.0	3	**80.30**	**15.30**	**0.00**	**5.30**	**0.00**	**0.00**	6.0	3	**78.77**	**13.77**	**0.00**
6.0	4	**80.56**	**15.56**	**0.00**	**5.56**	**0.00**	**0.00**	6.0	4	**80.10**	**15.10**	**0.00**
6.0	5	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**	6.0	5	**78.61**	**13.61**	**0.00**
6.0	6	**80.40**	**15.40**	**0.00**	**5.40**	**0.00**	**0.00**	6.0	6	**78.29**	**13.29**	**0.00**
6.0	7	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	6.0	7	**78.32**	**13.32**	**0.00**
6.0	8	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**	6.0	8	**78.64**	**13.64**	**0.00**
6.0	9	**80.98**	**15.98**	**0.00**	**5.98**	**0.00**	**0.00**	6.0	9	**79.28**	**14.28**	**0.00**
6.0	10	**81.25**	**16.25**	**0.00**	**6.25**	**0.00**	**0.00**	6.0	10	**79.55**	**14.55**	**0.00**
6.0	11	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**	6.0	11	**79.37**	**14.37**	**0.00**
6.0	12	**81.75**	**16.75**	**0.00**	**6.75**	**0.00**	**0.00**	6.0	12	**79.91**	**14.91**	**0.00**
6.0	13	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**	6.0	13	**79.97**	**14.97**	**0.00**
6.0	14	**81.95**	**16.95**	**0.00**	**6.95**	**0.00**	**0.00**	6.0	14	**79.90**	**14.90**	**0.00**
6.0	15	**82.03**	**17.03**	**0.00**	**7.03**	**0.00**	**0.00**	6.0	15	**80.01**	**15.01**	**0.00**
6.0	16	**81.79**	**16.79**	**0.00**	**6.79**	**0.00**	**0.00**	6.0	16	**80.04**	**15.04**	**0.00**
6.0	17	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**	6.0	17	**80.26**	**15.26**	**0.00**
6.0	18	**81.58**	**16.58**	**0.00**	**6.58**	**0.00**	**0.00**	6.0	18	**79.90**	**14.90**	**0.00**
6.0	19	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**	6.0	19	**80.15**	**15.15**	**0.00**
6.0	20	**81.93**	**16.93**	**0.00**	**6.93**	**0.00**	**0.00**	6.0	20	**80.39**	**15.39**	**0.00**
6.0	21	**81.96**	**16.96**	**0.00**	**6.96**	**0.00**	**0.00**	6.0	21	**80.89**	**15.89**	**0.00**
6.0	22	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**	6.0	22	**80.47**	**15.47**	**0.00**
6.0	23	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**	6.0	23	**80.04**	**15.04**	**0.00**

6.0	24	**81.33**	**16.33**	**0.00**	**6.33**	**0.00**	**0.00**	6.0	24	**80.47**	**15.47**	**0.00**
6.0	25	**81.67**	**16.67**	**0.00**	**6.67**	**0.00**	**0.00**	6.0	25	**80.08**	**15.08**	**0.00**
6.0	26	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**	6.0	26	**79.78**	**14.78**	**0.00**
6.0	27	**81.69**	**16.69**	**0.00**	**6.69**	**0.00**	**0.00**	6.0	27	**79.97**	**14.97**	**0.00**
6.0	28	**81.72**	**16.72**	**0.00**	**6.72**	**0.00**	**0.00**	6.0	28	**79.98**	**14.98**	**0.00**
6.0	29	**81.70**	**16.70**	**0.00**	**6.70**	**0.00**	**0.00**	6.0	29	**79.86**	**14.86**	**0.00**
6.0	30	**81.34**	**16.34**	**0.00**	**6.34**	**0.00**	**0.00**	6.0	30	**80.06**	**15.06**	**0.00**
7.0	1	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**	7.0	1	**80.54**	**15.54**	**0.00**
7.0	2	**81.69**	**16.69**	**0.00**	**6.69**	**0.00**	**0.00**	7.0	2	**81.29**	**16.29**	**0.00**
7.0	3	**82.33**	**17.33**	**0.00**	**7.33**	**0.00**	**0.00**	7.0	3	**81.21**	**16.21**	**0.00**
7.0	4	**82.18**	**17.18**	**0.00**	**7.18**	**0.00**	**0.00**	7.0	4	**80.55**	**15.55**	**0.00**
7.0	5	**82.01**	**17.01**	**0.00**	**7.01**	**0.00**	**0.00**	7.0	5	**80.89**	**15.89**	**0.00**
7.0	6	**82.48**	**17.48**	**0.00**	**7.48**	**0.00**	**0.00**	7.0	6	**80.45**	**15.45**	**0.00**
7.0	7	**82.22**	**17.22**	**0.00**	**7.22**	**0.00**	**0.00**	7.0	7	**80.72**	**15.72**	**0.00**
7.0	8	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**	7.0	8	**81.01**	**16.01**	**0.00**
7.0	9	**82.31**	**17.31**	**0.00**	**7.31**	**0.00**	**0.00**	7.0	9	**80.91**	**15.91**	**0.00**
7.0	10	**82.58**	**17.58**	**0.00**	**7.58**	**0.00**	**0.00**	7.0	10	**81.08**	**16.08**	**0.00**
7.0	11	**82.15**	**17.15**	**0.00**	**7.15**	**0.00**	**0.00**	7.0	11	**81.74**	**16.74**	**0.00**
7.0	12	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**	7.0	12	**81.76**	**16.76**	**0.00**
7.0	13	**81.79**	**16.79**	**0.00**	**6.79**	**0.00**	**0.00**	7.0	13	**80.92**	**15.92**	**0.00**
7.0	14	**82.46**	**17.46**	**0.00**	**7.46**	**0.00**	**0.00**	7.0	14	**80.89**	**15.89**	**0.00**
7.0	15	**81.93**	**16.93**	**0.00**	**6.93**	**0.00**	**0.00**	7.0	15	**81.16**	**16.16**	**0.00**
7.0	16	**81.89**	**16.89**	**0.00**	**6.89**	**0.00**	**0.00**	7.0	16	**81.07**	**16.07**	**0.00**
7.0	17	**82.24**	**17.24**	**0.00**	**7.24**	**0.00**	**0.00**	7.0	17	**81.13**	**16.13**	**0.00**
7.0	18	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**	7.0	18	**81.48**	**16.48**	**0.00**
7.0	19	**82.40**	**17.40**	**0.00**	**7.40**	**0.00**	**0.00**	7.0	19	**81.31**	**16.31**	**0.00**
7.0	20	**82.61**	**17.61**	**0.00**	**7.61**	**0.00**	**0.00**	7.0	20	**81.48**	**16.48**	**0.00**
7.0	21	**82.57**	**17.57**	**0.00**	**7.57**	**0.00**	**0.00**	7.0	21	**81.09**	**16.09**	**0.00**
7.0	22	**82.32**	**17.32**	**0.00**	**7.32**	**0.00**	**0.00**	7.0	22	**80.92**	**15.92**	**0.00**
7.0	23	**81.88**	**16.88**	**0.00**	**6.88**	**0.00**	**0.00**	7.0	23	**80.45**	**15.45**	**0.00**
7.0	24	**81.85**	**16.85**	**0.00**	**6.85**	**0.00**	**0.00**	7.0	24	**80.49**	**15.49**	**0.00**
7.0	25	**82.39**	**17.39**	**0.00**	**7.39**	**0.00**	**0.00**	7.0	25	**80.40**	**15.40**	**0.00**
7.0	26	**82.55**	**17.55**	**0.00**	**7.55**	**0.00**	**0.00**	7.0	26	**81.20**	**16.20**	**0.00**
7.0	27	**82.82**	**17.82**	**0.00**	**7.82**	**0.00**	**0.00**	7.0	27	**81.56**	**16.56**	**0.00**
7.0	28	**82.83**	**17.83**	**0.00**	**7.83**	**0.00**	**0.00**	7.0	28	**81.80**	**16.80**	**0.00**
7.0	29	**82.78**	**17.78**	**0.00**	**7.78**	**0.00**	**0.00**	7.0	29	**81.13**	**16.13**	**0.00**
7.0	30	**82.58**	**17.58**	**0.00**	**7.58**	**0.00**	**0.00**	7.0	30	**81.03**	**16.03**	**0.00**
7.0	31	**82.31**	**17.31**	**0.00**	**7.31**	**0.00**	**0.00**	7.0	31	**80.50**	**15.50**	**0.00**
8.0	1	**82.07**	**17.07**	**0.00**	**7.07**	**0.00**	**0.00**	8.0	1	**80.09**	**15.09**	**0.00**
8.0	2	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**	8.0	2	**80.51**	**15.51**	**0.00**
8.0	3	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**	8.0	3	**80.73**	**15.73**	**0.00**
8.0	4	**82.72**	**17.72**	**0.00**	**7.72**	**0.00**	**0.00**	8.0	4	**80.60**	**15.60**	**0.00**
8.0	5	**82.81**	**17.81**	**0.00**	**7.81**	**0.00**	**0.00**	8.0	5	**81.04**	**16.04**	**0.00**
8.0	6	**82.64**	**17.64**	**0.00**	**7.64**	**0.00**	**0.00**	8.0	6	**81.64**	**16.64**	**0.00**
8.0	7	**82.47**	**17.47**	**0.00**	**7.47**	**0.00**	**0.00**	8.0	7	**80.97**	**15.97**	**0.00**

8.0	8	**82.47**	**17.47**	**0.00**	**7.47**	**0.00**	**0.00**	8.0	8	**80.93**	**15.93**	**0.00**
8.0	9	**82.03**	**17.03**	**0.00**	**7.03**	**0.00**	**0.00**	8.0	9	**80.89**	**15.89**	**0.00**
8.0	10	**82.73**	**17.73**	**0.00**	**7.73**	**0.00**	**0.00**	8.0	10	**80.88**	**15.88**	**0.00**
8.0	11	**83.06**	**18.06**	**0.00**	**8.06**	**0.00**	**0.00**	8.0	11	**80.96**	**15.96**	**0.00**
8.0	12	**82.80**	**17.80**	**0.00**	**7.80**	**0.00**	**0.00**	8.0	12	**80.86**	**15.86**	**0.00**
8.0	13	**83.20**	**18.20**	**0.00**	**8.20**	**0.00**	**0.00**	8.0	13	**80.76**	**15.76**	**0.00**
8.0	14	**82.64**	**17.64**	**0.00**	**7.64**	**0.00**	**0.00**	8.0	14	**80.50**	**15.50**	**0.00**
8.0	15	**82.32**	**17.32**	**0.00**	**7.32**	**0.00**	**0.00**	8.0	15	**80.93**	**15.93**	**0.00**
8.0	16	**82.53**	**17.53**	**0.00**	**7.53**	**0.00**	**0.00**	8.0	16	**80.99**	**15.99**	**0.00**
8.0	17	**82.46**	**17.46**	**0.00**	**7.46**	**0.00**	**0.00**	8.0	17	**81.16**	**16.16**	**0.00**
8.0	18	**82.51**	**17.51**	**0.00**	**7.51**	**0.00**	**0.00**	8.0	18	**81.19**	**16.19**	**0.00**
8.0	19	**82.65**	**17.65**	**0.00**	**7.65**	**0.00**	**0.00**	8.0	19	**80.90**	**15.90**	**0.00**
8.0	20	**82.72**	**17.72**	**0.00**	**7.72**	**0.00**	**0.00**	8.0	20	**80.56**	**15.56**	**0.00**
8.0	21	**82.50**	**17.50**	**0.00**	**7.50**	**0.00**	**0.00**	8.0	21	**80.62**	**15.62**	**0.00**
8.0	22	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**	8.0	22	**80.46**	**15.46**	**0.00**
8.0	23	**82.21**	**17.21**	**0.00**	**7.21**	**0.00**	**0.00**	8.0	23	**80.66**	**15.66**	**0.00**
8.0	24	**81.96**	**16.96**	**0.00**	**6.96**	**0.00**	**0.00**	8.0	24	**81.41**	**16.41**	**0.00**
8.0	25	**82.10**	**17.10**	**0.00**	**7.10**	**0.00**	**0.00**	8.0	25	**81.33**	**16.33**	**0.00**
8.0	26	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**	8.0	26	**81.17**	**16.17**	**0.00**
8.0	27	**82.09**	**17.09**	**0.00**	**7.09**	**0.00**	**0.00**	8.0	27	**81.01**	**16.01**	**0.00**
8.0	28	**82.28**	**17.28**	**0.00**	**7.28**	**0.00**	**0.00**	8.0	28	**81.24**	**16.24**	**0.00**
8.0	29	**82.09**	**17.09**	**0.00**	**7.09**	**0.00**	**0.00**	8.0	29	**80.69**	**15.69**	**0.00**
8.0	30	**81.73**	**16.73**	**0.00**	**6.73**	**0.00**	**0.00**	8.0	30	**80.65**	**15.65**	**0.00**
8.0	31	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**	8.0	31	**80.12**	**15.12**	**0.00**
9.0	1	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**	9.0	1	**79.97**	**14.97**	**0.00**
9.0	2	**81.88**	**16.88**	**0.00**	**6.88**	**0.00**	**0.00**	9.0	2	**79.96**	**14.96**	**0.00**
9.0	3	**82.10**	**17.10**	**0.00**	**7.10**	**0.00**	**0.00**	9.0	3	**80.14**	**15.14**	**0.00**
9.0	4	**82.20**	**17.20**	**0.00**	**7.20**	**0.00**	**0.00**	9.0	4	**79.83**	**14.83**	**0.00**
9.0	5	**81.40**	**16.40**	**0.00**	**6.40**	**0.00**	**0.00**	9.0	5	**79.79**	**14.79**	**0.00**
9.0	6	**81.29**	**16.29**	**0.00**	**6.29**	**0.00**	**0.00**	9.0	6	**79.12**	**14.12**	**0.00**
9.0	7	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	9.0	7	**78.64**	**13.64**	**0.00**
9.0	8	**80.68**	**15.68**	**0.00**	**5.68**	**0.00**	**0.00**	9.0	8	**79.23**	**14.23**	**0.00**
9.0	9	**80.99**	**15.99**	**0.00**	**5.99**	**0.00**	**0.00**	9.0	9	**79.08**	**14.08**	**0.00**
9.0	10	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**	9.0	10	**78.61**	**13.61**	**0.00**
9.0	11	**81.47**	**16.47**	**0.00**	**6.47**	**0.00**	**0.00**	9.0	11	**79.05**	**14.05**	**0.00**
9.0	12	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**	9.0	12	**79.01**	**14.01**	**0.00**
9.0	13	**80.84**	**15.84**	**0.00**	**5.84**	**0.00**	**0.00**	9.0	13	**79.10**	**14.10**	**0.00**
9.0	14	**81.14**	**16.14**	**0.00**	**6.14**	**0.00**	**0.00**	9.0	14	**78.82**	**13.82**	**0.00**
9.0	15	**81.44**	**16.44**	**0.00**	**6.44**	**0.00**	**0.00**	9.0	15	**79.63**	**14.63**	**0.00**
9.0	16	**81.54**	**16.54**	**0.00**	**6.54**	**0.00**	**0.00**	9.0	16	**79.12**	**14.12**	**0.00**
9.0	17	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**	9.0	17	**78.61**	**13.61**	**0.00**
9.0	18	**81.27**	**16.27**	**0.00**	**6.27**	**0.00**	**0.00**	9.0	18	**78.32**	**13.32**	**0.00**
9.0	19	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**	9.0	19	**77.92**	**12.92**	**0.00**
9.0	20	**80.40**	**15.40**	**0.00**	**5.40**	**0.00**	**0.00**	9.0	20	**77.53**	**12.53**	**0.00**
9.0	21	**80.97**	**15.97**	**0.00**	**5.97**	**0.00**	**0.00**	9.0	21	**77.37**	**12.37**	**0.00**
9.0	22	**80.67**	**15.67**	**0.00**	**5.67**	**0.00**	**0.00**	9.0	22	**77.51**	**12.51**	**0.00**

9.0	23	**80.49**	**15.49**	**0.00**	**5.49**	**0.00**	**0.00**	9.0	23	**77.89**	**12.89**	**0.00**
9.0	24	**80.46**	**15.46**	**0.00**	**5.46**	**0.00**	**0.00**	9.0	24	**76.86**	**11.86**	**0.00**
9.0	25	**79.84**	**14.84**	**0.00**	**4.84**	**0.00**	**0.00**	9.0	25	**76.31**	**11.31**	**0.00**
9.0	26	**79.80**	**14.80**	**0.00**	**4.80**	**0.00**	**0.00**	9.0	26	**75.81**	**10.81**	**0.00**
9.0	27	**79.95**	**14.95**	**0.00**	**4.95**	**0.00**	**0.00**	9.0	27	**75.48**	**10.48**	**0.00**
9.0	28	**80.20**	**15.20**	**0.00**	**5.20**	**0.00**	**0.00**	9.0	28	**75.98**	**10.98**	**0.00**
9.0	29	**79.96**	**14.96**	**0.00**	**4.96**	**0.00**	**0.00**	9.0	29	**75.46**	**10.46**	**0.00**
9.0	30	**78.76**	**13.76**	**0.00**	**3.76**	**0.00**	**0.00**	9.0	30	**74.04**	**9.04**	**0.00**
10.0	1	**78.58**	**13.58**	**0.00**	**3.58**	**0.00**	**0.00**	10.0	1	**73.49**	**8.48**	**0.00**
10.0	2	**78.39**	**13.39**	**0.00**	**3.39**	**0.00**	**0.00**	10.0	2	**73.22**	**8.22**	**0.00**
10.0	3	**78.66**	**13.66**	**0.00**	**3.66**	**0.00**	**0.00**	10.0	3	**73.79**	**8.79**	**0.00**
10.0	4	**78.55**	**13.55**	**0.00**	**3.55**	**0.00**	**0.00**	10.0	4	**73.66**	**8.66**	**0.00**
10.0	5	**78.04**	**13.04**	**0.00**	**3.04**	**0.00**	**0.00**	10.0	5	**73.64**	**8.64**	**0.00**
10.0	6	**78.12**	**13.12**	**0.00**	**3.12**	**0.00**	**0.00**	10.0	6	**73.99**	**8.99**	**0.00**
10.0	7	**78.47**	**13.47**	**0.00**	**3.47**	**0.00**	**0.00**	10.0	7	**73.96**	**8.96**	**0.00**
10.0	8	**78.29**	**13.29**	**0.00**	**3.29**	**0.00**	**0.00**	10.0	8	**73.60**	**8.60**	**0.00**
10.0	9	**78.24**	**13.24**	**0.00**	**3.24**	**0.00**	**0.00**	10.0	9	**73.26**	**8.26**	**0.00**
10.0	10	**77.83**	**12.83**	**0.00**	**2.83**	**0.00**	**0.00**	10.0	10	**72.55**	**7.55**	**0.00**
10.0	11	**77.48**	**12.48**	**0.00**	**2.48**	**0.00**	**0.00**	10.0	11	**71.83**	**6.83**	**0.00**
10.0	12	**77.07**	**12.07**	**0.00**	**2.07**	**0.00**	**0.00**	10.0	12	**71.35**	**6.35**	**0.00**
10.0	13	**77.37**	**12.37**	**0.00**	**2.37**	**0.00**	**0.00**	10.0	13	**71.65**	**6.65**	**0.00**
10.0	14	**77.42**	**12.42**	**0.00**	**2.42**	**0.00**	**0.00**	10.0	14	**71.79**	**6.79**	**0.00**
10.0	15	**76.14**	**11.14**	**0.00**	**1.14**	**0.00**	**0.00**	10.0	15	**69.74**	**4.74**	**0.00**
10.0	16	**75.49**	**10.49**	**0.00**	**0.49**	**0.00**	**0.00**	10.0	16	**69.10**	**4.10**	**0.00**
10.0	17	**74.53**	**9.53**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	17	**68.27**	**3.27**	**0.00**
10.0	18	**74.64**	**9.64**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	18	**68.16**	**3.16**	**0.00**
10.0	19	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**	10.0	19	**67.70**	**2.70**	**0.00**
10.0	20	**75.28**	**10.28**	**0.00**	**0.28**	**0.00**	**0.00**	10.0	20	**67.96**	**2.96**	**0.00**
10.0	21	**75.09**	**10.09**	**0.00**	**0.09**	**0.00**	**0.00**	10.0	21	**68.45**	**3.45**	**0.00**
10.0	22	**75.29**	**10.29**	**0.00**	**0.29**	**0.00**	**0.00**	10.0	22	**68.45**	**3.45**	**0.00**
10.0	23	**74.92**	**9.92**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	23	**66.79**	**1.79**	**0.00**
10.0	24	**73.28**	**8.28**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	24	**65.28**	**0.28**	**0.00**
10.0	25	**73.43**	**8.43**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	25	**66.28**	**1.28**	**0.00**
10.0	26	**73.61**	**8.61**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	26	**67.07**	**2.07**	**0.00**
10.0	27	**73.51**	**8.51**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	27	**66.90**	**1.90**	**0.00**
10.0	28	**72.41**	**7.41**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	28	**65.82**	**0.82**	**0.00**
10.0	29	**71.78**	**6.78**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	29	**64.76**	**0.00**	**0.00**
10.0	30	**72.69**	**7.69**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	30	**64.77**	**0.00**	**0.00**
10.0	31	**72.99**	**7.99**	**0.00**	**0.00**	**0.00**	**0.00**	10.0	31	**66.17**	**1.17**	**0.00**
11.0	1	**73.01**	**8.01**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	1	**65.75**	**0.75**	**0.00**
11.0	2	**71.65**	**6.65**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	2	**63.81**	**0.00**	**0.00**
11.0	3	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	3	**62.66**	**0.00**	**0.00**
11.0	4	**70.96**	**5.96**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	4	**62.95**	**0.00**	**0.00**
11.0	5	**71.26**	**6.26**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	5	**63.50**	**0.00**	**0.00**
11.0	6	**70.68**	**5.68**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	6	**62.87**	**0.00**	**0.00**

11.0	7	**69.70**	**4.70**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	7	**61.86**	**0.00**	**0.00**
11.0	8	**69.12**	**4.12**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	8	**61.22**	**0.00**	**0.00**
11.0	9	**68.77**	**3.77**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	9	**60.75**	**0.00**	**0.00**
11.0	10	**69.28**	**4.28**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	10	**60.55**	**0.00**	**0.00**
11.0	11	**69.48**	**4.48**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	11	**59.89**	**0.00**	**0.00**
11.0	12	**69.62**	**4.62**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	12	**60.76**	**0.00**	**0.00**
11.0	13	**69.21**	**4.21**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	13	**60.19**	**0.00**	**0.00**
11.0	14	**68.75**	**3.75**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	14	**59.12**	**0.00**	**0.00**
11.0	15	**67.95**	**2.95**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	15	**59.38**	**0.00**	**0.00**
11.0	16	**67.09**	**2.09**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	16	**58.79**	**0.00**	**0.21**
11.0	17	**66.73**	**1.73**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	17	**58.00**	**0.00**	**1.00**
11.0	18	**66.64**	**1.64**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	18	**57.40**	**0.00**	**1.60**
11.0	19	**67.18**	**2.18**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	19	**58.43**	**0.00**	**0.57**
11.0	20	**67.48**	**2.48**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	20	**59.76**	**0.00**	**0.00**
11.0	21	**68.09**	**3.09**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	21	**59.89**	**0.00**	**0.00**
11.0	22	**67.56**	**2.56**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	22	**59.04**	**0.00**	**0.00**
11.0	23	**66.87**	**1.87**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	23	**58.21**	**0.00**	**0.79**
11.0	24	**67.20**	**2.20**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	24	**58.49**	**0.00**	**0.51**
11.0	25	**67.73**	**2.73**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	25	**57.72**	**0.00**	**1.28**
11.0	26	**66.92**	**1.92**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	26	**58.16**	**0.00**	**0.84**
11.0	27	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	27	**56.90**	**0.00**	**2.10**
11.0	28	**65.33**	**0.33**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	28	**56.60**	**0.00**	**2.40**
11.0	29	**66.02**	**1.02**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	29	**57.78**	**0.00**	**1.22**
11.0	30	**66.78**	**1.78**	**0.00**	**0.00**	**0.00**	**0.00**	11.0	30	**57.83**	**0.00**	**1.17**
12.0	1	**65.87**	**0.87**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	1	**55.72**	**0.00**	**3.28**
12.0	2	**65.10**	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	2	**54.88**	**0.00**	**4.12**
12.0	3	**65.43**	**0.43**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	3	**55.22**	**0.00**	**3.78**
12.0	4	**65.56**	**0.56**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	4	**56.84**	**0.00**	**2.16**
12.0	5	**65.70**	**0.70**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	5	**56.27**	**0.00**	**2.73**
12.0	6	**64.17**	**0.00**	**0.00**	**0.00**	**0.83**	**0.00**	12.0	6	**55.20**	**0.00**	**3.80**
12.0	7	**63.84**	**0.00**	**0.00**	**0.00**	**1.16**	**0.00**	12.0	7	**54.79**	**0.00**	**4.21**
12.0	8	**64.76**	**0.00**	**0.00**	**0.00**	**0.24**	**0.00**	12.0	8	**54.35**	**0.00**	**4.65**
12.0	9	**65.99**	**0.99**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	9	**57.07**	**0.00**	**1.93**
12.0	10	**65.67**	**0.67**	**0.00**	**0.00**	**0.00**	**0.00**	12.0	10	**56.50**	**0.00**	**2.50**
12.0	11	**63.96**	**0.00**	**0.00**	**0.00**	**1.04**	**0.00**	12.0	11	**52.76**	**0.00**	**6.24**
12.0	12	**63.71**	**0.00**	**0.00**	**0.00**	**1.29**	**0.00**	12.0	12	**52.91**	**0.00**	**6.09**
12.0	13	**64.75**	**0.00**	**0.00**	**0.00**	**0.25**	**0.00**	12.0	13	**55.66**	**0.00**	**3.34**
12.0	14	**64.87**	**0.00**	**0.00**	**0.00**	**0.13**	**0.00**	12.0	14	**56.44**	**0.00**	**2.56**
12.0	15	**63.66**	**0.00**	**0.00**	**0.00**	**1.34**	**0.00**	12.0	15	**54.53**	**0.00**	**4.47**
12.0	16	**63.63**	**0.00**	**0.00**	**0.00**	**1.37**	**0.00**	12.0	16	**54.37**	**0.00**	**4.63**
12.0	17	**63.67**	**0.00**	**0.00**	**0.00**	**1.33**	**0.00**	12.0	17	**54.40**	**0.00**	**4.60**
12.0	18	**62.82**	**0.00**	**0.00**	**0.00**	**2.18**	**0.00**	12.0	18	**52.62**	**0.00**	**6.38**
12.0	19	**61.46**	**0.00**	**0.00**	**0.00**	**3.54**	**0.00**	12.0	19	**51.43**	**0.00**	**7.57**
12.0	20	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**	12.0	20	**51.79**	**0.00**	**7.21**
12.0	21	**62.08**	**0.00**	**0.00**	**0.00**	**2.92**	**0.00**	12.0	21	**53.11**	**0.00**	**5.90**
12.0	22	**62.66**	**0.00**	**0.00**	**0.00**	**2.34**	**0.00**	12.0	22	**54.08**	**0.00**	**4.92**

12.0	23	**63.74**	**0.00**	**0.00**	**0.00**	**1.26**	**0.00**	12.0	23	**54.94**	**0.00**	**4.06**
12.0	24	**64.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	12.0	24	**54.45**	**0.00**	**4.55**
12.0	25	**62.18**	**0.00**	**0.00**	**0.00**	**2.82**	**0.00**	12.0	25	**51.63**	**0.00**	**7.37**
12.0	26	**60.56**	**0.00**	**0.00**	**0.00**	**4.44**	**0.00**	12.0	26	**49.79**	**0.00**	**9.21**
12.0	27	**61.04**	**0.00**	**0.00**	**0.00**	**3.96**	**0.00**	12.0	27	**51.19**	**0.00**	**7.81**
12.0	28	**62.41**	**0.00**	**0.00**	**0.00**	**2.59**	**0.00**	12.0	28	**52.88**	**0.00**	**6.12**
12.0	29	**63.33**	**0.00**	**0.00**	**0.00**	**1.68**	**0.00**	12.0	29	**55.06**	**0.00**	**3.94**
12.0	30	**62.62**	**0.00**	**0.00**	**0.00**	**2.38**	**0.00**	12.0	30	**52.96**	**0.00**	**6.04**
12.0	31	**63.87**	**0.00**	**0.00**	**0.00**	**1.13**	**0.00**	12.0	31	**54.66**	**0.00**	**4.34**

					Weight =	0.45						Sum of We
						Orlando Florida International Airport						
Forecast Scenarios						**Weather Splines for Normal Weather Forecast Scenarios**						
NCDD_D_75_Avg	**NHDD_D_65_Avg**	**NHDD_D_50_Avg**	Month	Day of Month	**Normal Daily Temperature**	**NCDD_D_65_Avg**	**NHDD_D_59_Avg**	**NCDD_D_75_Avg**	**NHDD_D_65_Avg**	**NHDD_D_50_Avg**		Month
0.00	**10.09**	**0.00**	1.0	1	**63.58**	**0.00**	**0.00**	**0.00**	**1.42**	**0.00**		1.0
0.00	**9.38**	**0.00**	1.0	2	**63.73**	**0.00**	**0.00**	**0.00**	**1.27**	**0.00**		1.0
0.00	**12.13**	**0.00**	1.0	3	**61.14**	**0.00**	**0.00**	**0.00**	**3.86**	**0.00**		1.0
0.00	**13.51**	**0.00**	1.0	4	**58.90**	**0.00**	**0.10**	**0.00**	**6.10**	**0.00**		1.0
0.00	**13.89**	**0.00**	1.0	5	**59.17**	**0.00**	**0.00**	**0.00**	**5.83**	**0.00**		1.0
0.00	**13.07**	**0.00**	1.0	6	**60.98**	**0.00**	**0.00**	**0.00**	**4.02**	**0.00**		1.0
0.00	**13.99**	**0.00**	1.0	7	**59.65**	**0.00**	**0.00**	**0.00**	**5.35**	**0.00**		1.0
0.00	**14.83**	**0.00**	1.0	8	**59.10**	**0.00**	**0.00**	**0.00**	**5.90**	**0.00**		1.0
0.00	**13.02**	**0.00**	1.0	9	**59.16**	**0.00**	**0.00**	**0.00**	**5.84**	**0.00**		1.0
0.00	**12.35**	**0.00**	1.0	10	**60.46**	**0.00**	**0.00**	**0.00**	**4.54**	**0.00**		1.0
0.00	**11.79**	**0.00**	1.0	11	**61.72**	**0.00**	**0.00**	**0.00**	**3.28**	**0.00**		1.0
0.00	**11.17**	**0.00**	1.0	12	**62.51**	**0.00**	**0.00**	**0.00**	**2.49**	**0.00**		1.0
0.00	**11.82**	**0.00**	1.0	13	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**		1.0
0.00	**13.94**	**0.00**	1.0	14	**59.79**	**0.00**	**0.00**	**0.00**	**5.22**	**0.00**		1.0
0.00	**13.80**	**0.00**	1.0	15	**59.26**	**0.00**	**0.00**	**0.00**	**5.74**	**0.00**		1.0
0.00	**14.17**	**0.00**	1.0	16	**59.76**	**0.00**	**0.00**	**0.00**	**5.24**	**0.00**		1.0
0.00	**14.45**	**0.00**	1.0	17	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**		1.0
0.00	**13.73**	**0.00**	1.0	18	**58.59**	**0.00**	**0.41**	**0.00**	**6.41**	**0.00**		1.0
0.00	**14.12**	**0.00**	1.0	19	**59.71**	**0.00**	**0.00**	**0.00**	**5.29**	**0.00**		1.0
0.00	**16.16**	**1.16**	1.0	20	**58.30**	**0.00**	**0.70**	**0.00**	**6.70**	**0.00**		1.0
0.00	**14.09**	**0.00**	1.0	21	**59.21**	**0.00**	**0.00**	**0.00**	**5.79**	**0.00**		1.0
0.00	**11.87**	**0.00**	1.0	22	**60.89**	**0.00**	**0.00**	**0.00**	**4.11**	**0.00**		1.0
0.00	**11.38**	**0.00**	1.0	23	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**		1.0
0.00	**13.13**	**0.00**	1.0	24	**60.10**	**0.00**	**0.00**	**0.00**	**4.90**	**0.00**		1.0
0.00	**15.07**	**0.07**	1.0	25	**57.99**	**0.00**	**1.01**	**0.00**	**7.01**	**0.00**		1.0
0.00	**13.30**	**0.00**	1.0	26	**59.52**	**0.00**	**0.00**	**0.00**	**5.48**	**0.00**		1.0
0.00	**11.57**	**0.00**	1.0	27	**60.96**	**0.00**	**0.00**	**0.00**	**4.04**	**0.00**		1.0
0.00	**12.41**	**0.00**	1.0	28	**60.87**	**0.00**	**0.00**	**0.00**	**4.13**	**0.00**		1.0
0.00	**12.55**	**0.00**	1.0	29	**61.97**	**0.00**	**0.00**	**0.00**	**3.03**	**0.00**		1.0
0.00	**11.87**	**0.00**	1.0	30	**61.73**	**0.00**	**0.00**	**0.00**	**3.27**	**0.00**		1.0
0.00	**13.75**	**0.00**	1.0	31	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**		1.0
0.00	**12.19**	**0.00**	2.0	1	**61.26**	**0.00**	**0.00**	**0.00**	**3.74**	**0.00**		2.0
0.00	**10.87**	**0.00**	2.0	2	**63.23**	**0.00**	**0.00**	**0.00**	**1.77**	**0.00**		2.0
0.00	**11.41**	**0.00**	2.0	3	**62.18**	**0.00**	**0.00**	**0.00**	**2.82**	**0.00**		2.0
0.00	**11.62**	**0.00**	2.0	4	**61.54**	**0.00**	**0.00**	**0.00**	**3.46**	**0.00**		2.0
0.00	**11.70**	**0.00**	2.0	5	**60.77**	**0.00**	**0.00**	**0.00**	**4.24**	**0.00**		2.0
0.00	**11.77**	**0.00**	2.0	6	**61.27**	**0.00**	**0.00**	**0.00**	**3.73**	**0.00**		2.0
0.00	**12.07**	**0.00**	2.0	7	**61.65**	**0.00**	**0.00**	**0.00**	**3.35**	**0.00**		2.0

0.00	**12.57**	**0.00**	2.0	8	**59.93**	**0.00**	**0.00**	**0.00**	**5.07**	**0.00**	2.0
0.00	**11.98**	**0.00**	2.0	9	**61.05**	**0.00**	**0.00**	**0.00**	**3.95**	**0.00**	2.0
0.00	**10.57**	**0.00**	2.0	10	**62.46**	**0.00**	**0.00**	**0.00**	**2.54**	**0.00**	2.0
0.00	**9.03**	**0.00**	2.0	11	**62.63**	**0.00**	**0.00**	**0.00**	**2.37**	**0.00**	2.0
0.00	**10.58**	**0.00**	2.0	12	**62.70**	**0.00**	**0.00**	**0.00**	**2.30**	**0.00**	2.0
0.00	**12.53**	**0.00**	2.0	13	**60.93**	**0.00**	**0.00**	**0.00**	**4.07**	**0.00**	2.0
0.00	**12.30**	**0.00**	2.0	14	**60.91**	**0.00**	**0.00**	**0.00**	**4.09**	**0.00**	2.0
0.00	**9.84**	**0.00**	2.0	15	**63.46**	**0.00**	**0.00**	**0.00**	**1.54**	**0.00**	2.0
0.00	**8.93**	**0.00**	2.0	16	**63.26**	**0.00**	**0.00**	**0.00**	**1.74**	**0.00**	2.0
0.00	**9.64**	**0.00**	2.0	17	**62.67**	**0.00**	**0.00**	**0.00**	**2.33**	**0.00**	2.0
0.00	**8.80**	**0.00**	2.0	18	**63.13**	**0.00**	**0.00**	**0.00**	**1.87**	**0.00**	2.0
0.00	**8.06**	**0.00**	2.0	19	**64.05**	**0.00**	**0.00**	**0.00**	**0.95**	**0.00**	2.0
0.00	**7.84**	**0.00**	2.0	20	**64.81**	**0.00**	**0.00**	**0.00**	**0.19**	**0.00**	2.0
0.00	**5.22**	**0.00**	2.0	21	**66.01**	**1.01**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**4.31**	**0.00**	2.0	22	**67.76**	**2.76**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**4.30**	**0.00**	2.0	23	**67.60**	**2.60**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**5.55**	**0.00**	2.0	24	**66.38**	**1.38**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**6.49**	**0.00**	2.0	25	**66.32**	**1.32**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**7.23**	**0.00**	2.0	26	**66.09**	**1.09**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
0.00	**9.29**	**0.00**	2.0	27	**63.45**	**0.00**	**0.00**	**0.00**	**1.55**	**0.00**	2.0
0.00	**7.91**	**0.00**	2.0	28	**63.80**	**0.00**	**0.00**	**0.00**	**1.20**	**0.00**	2.0
0.00	**5.72**	**0.00**	3.0	1	**66.04**	**1.04**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**4.94**	**0.00**	3.0	2	**66.39**	**1.39**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**5.74**	**0.00**	3.0	3	**65.12**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**8.96**	**0.00**	3.0	4	**63.46**	**0.00**	**0.00**	**0.00**	**1.54**	**0.00**	3.0
0.00	**7.92**	**0.00**	3.0	5	**63.71**	**0.00**	**0.00**	**0.00**	**1.29**	**0.00**	3.0
0.00	**6.74**	**0.00**	3.0	6	**64.79**	**0.00**	**0.00**	**0.00**	**0.21**	**0.00**	3.0
0.00	**6.55**	**0.00**	3.0	7	**65.02**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**7.11**	**0.00**	3.0	8	**64.97**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	3.0
0.00	**6.28**	**0.00**	3.0	9	**64.93**	**0.00**	**0.00**	**0.00**	**0.07**	**0.00**	3.0
0.00	**5.37**	**0.00**	3.0	10	**65.89**	**0.89**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**5.83**	**0.00**	3.0	11	**65.29**	**0.29**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**4.92**	**0.00**	3.0	12	**66.26**	**1.26**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**4.46**	**0.00**	3.0	13	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**3.94**	**0.00**	3.0	14	**65.89**	**0.89**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**3.58**	**0.00**	3.0	15	**66.29**	**1.29**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**2.41**	**0.00**	3.0	16	**67.70**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**3.05**	**0.00**	3.0	17	**67.48**	**2.48**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**2.15**	**0.00**	3.0	18	**67.70**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.80**	**0.00**	3.0	19	**68.20**	**3.20**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**1.76**	**0.00**	3.0	20	**68.56**	**3.56**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**2.30**	**0.00**	3.0	21	**67.07**	**2.07**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**2.65**	**0.00**	3.0	22	**67.15**	**2.15**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**2.40**	**0.00**	3.0	23	**67.61**	**2.61**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.80**	**0.00**	3.0	24	**68.66**	**3.66**	**0.00**	**0.00**	**0.00**	**0.00**	3.0

0.00	**0.96**	**0.00**	3.0	25	**68.80**	**3.80**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**1.39**	**0.00**	3.0	26	**68.91**	**3.91**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.56**	**0.00**	3.0	27	**69.38**	**4.38**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.33**	**0.00**	3.0	28	**69.78**	**4.78**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.00**	**0.00**	3.0	29	**69.93**	**4.93**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.15**	**0.00**	3.0	30	**69.91**	**4.91**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**0.33**	**0.00**	3.0	31	**70.42**	**5.42**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
0.00	**1.04**	**0.00**	4.0	1	**69.70**	**4.70**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**1.16**	**0.00**	4.0	2	**69.61**	**4.61**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.01**	**0.00**	4.0	3	**70.19**	**5.19**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	4	**71.19**	**6.19**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	5	**70.46**	**5.46**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	6	**70.38**	**5.38**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	7	**70.57**	**5.57**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	8	**71.38**	**6.38**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	9	**71.12**	**6.12**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	10	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	11	**71.54**	**6.54**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	12	**72.80**	**7.80**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	13	**73.11**	**8.11**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	14	**71.71**	**6.71**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	15	**71.90**	**6.90**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	16	**70.36**	**5.36**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	17	**70.63**	**5.63**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	18	**71.33**	**6.33**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	19	**72.01**	**7.01**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	20	**71.79**	**6.79**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	21	**72.26**	**7.26**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	22	**72.90**	**7.90**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	23	**72.52**	**7.52**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	24	**73.20**	**8.20**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	25	**73.33**	**8.33**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	26	**74.03**	**9.03**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	27	**74.45**	**9.45**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	28	**73.66**	**8.66**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	29	**74.26**	**9.26**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	4.0	30	**73.31**	**8.31**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
0.00	**0.00**	**0.00**	5.0	1	**73.79**	**8.79**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	2	**74.22**	**9.22**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	3	**75.12**	**10.12**	**0.00**	**0.12**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	4	**75.27**	**10.27**	**0.00**	**0.27**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	5	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	6	**75.08**	**10.08**	**0.00**	**0.08**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	7	**74.60**	**9.60**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	8	**75.33**	**10.33**	**0.00**	**0.33**	**0.00**	**0.00**	5.0

0.00	**0.00**	**0.00**	5.0	9	**76.29**	**11.29**	**0.00**	**1.29**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	10	**77.03**	**12.03**	**0.00**	**2.03**	**0.00**	**0.00**	5.0
0.07	**0.00**	**0.00**	5.0	11	**77.16**	**12.16**	**0.00**	**2.16**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	12	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**	5.0
0.31	**0.00**	**0.00**	5.0	13	**76.41**	**11.41**	**0.00**	**1.41**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	14	**75.85**	**10.85**	**0.00**	**0.85**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	15	**76.26**	**11.26**	**0.00**	**1.26**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	16	**76.16**	**11.16**	**0.00**	**1.16**	**0.00**	**0.00**	5.0
0.54	**0.00**	**0.00**	5.0	17	**76.76**	**11.76**	**0.00**	**1.76**	**0.00**	**0.00**	5.0
0.00	**0.00**	**0.00**	5.0	18	**76.86**	**11.86**	**0.00**	**1.86**	**0.00**	**0.00**	5.0
0.27	**0.00**	**0.00**	5.0	19	**76.77**	**11.77**	**0.00**	**1.77**	**0.00**	**0.00**	5.0
0.03	**0.00**	**0.00**	5.0	20	**76.77**	**11.77**	**0.00**	**1.77**	**0.00**	**0.00**	5.0
0.73	**0.00**	**0.00**	5.0	21	**77.10**	**12.10**	**0.00**	**2.10**	**0.00**	**0.00**	5.0
1.18	**0.00**	**0.00**	5.0	22	**77.32**	**12.32**	**0.00**	**2.32**	**0.00**	**0.00**	5.0
1.93	**0.00**	**0.00**	5.0	23	**77.82**	**12.82**	**0.00**	**2.82**	**0.00**	**0.00**	5.0
3.35	**0.00**	**0.00**	5.0	24	**78.15**	**13.15**	**0.00**	**3.15**	**0.00**	**0.00**	5.0
2.92	**0.00**	**0.00**	5.0	25	**77.84**	**12.84**	**0.00**	**2.84**	**0.00**	**0.00**	5.0
2.17	**0.00**	**0.00**	5.0	26	**78.04**	**13.04**	**0.00**	**3.04**	**0.00**	**0.00**	5.0
2.67	**0.00**	**0.00**	5.0	27	**78.49**	**13.49**	**0.00**	**3.49**	**0.00**	**0.00**	5.0
3.18	**0.00**	**0.00**	5.0	28	**78.29**	**13.29**	**0.00**	**3.29**	**0.00**	**0.00**	5.0
3.25	**0.00**	**0.00**	5.0	29	**78.24**	**13.24**	**0.00**	**3.24**	**0.00**	**0.00**	5.0
3.65	**0.00**	**0.00**	5.0	30	**78.86**	**13.86**	**0.00**	**3.86**	**0.00**	**0.00**	5.0
3.73	**0.00**	**0.00**	5.0	31	**78.81**	**13.81**	**0.00**	**3.81**	**0.00**	**0.00**	5.0
3.30	**0.00**	**0.00**	6.0	1	**78.42**	**13.42**	**0.00**	**3.42**	**0.00**	**0.00**	6.0
3.55	**0.00**	**0.00**	6.0	2	**78.71**	**13.71**	**0.00**	**3.71**	**0.00**	**0.00**	6.0
3.77	**0.00**	**0.00**	6.0	3	**79.03**	**14.03**	**0.00**	**4.03**	**0.00**	**0.00**	6.0
5.10	**0.00**	**0.00**	6.0	4	**79.10**	**14.10**	**0.00**	**4.10**	**0.00**	**0.00**	6.0
3.61	**0.00**	**0.00**	6.0	5	**79.56**	**14.56**	**0.00**	**4.56**	**0.00**	**0.00**	6.0
3.29	**0.00**	**0.00**	6.0	6	**78.73**	**13.73**	**0.00**	**3.73**	**0.00**	**0.00**	6.0
3.32	**0.00**	**0.00**	6.0	7	**78.78**	**13.78**	**0.00**	**3.78**	**0.00**	**0.00**	6.0
3.64	**0.00**	**0.00**	6.0	8	**78.77**	**13.77**	**0.00**	**3.77**	**0.00**	**0.00**	6.0
4.28	**0.00**	**0.00**	6.0	9	**79.33**	**14.33**	**0.00**	**4.33**	**0.00**	**0.00**	6.0
4.55	**0.00**	**0.00**	6.0	10	**79.45**	**14.45**	**0.00**	**4.45**	**0.00**	**0.00**	6.0
4.37	**0.00**	**0.00**	6.0	11	**79.47**	**14.47**	**0.00**	**4.47**	**0.00**	**0.00**	6.0
4.91	**0.00**	**0.00**	6.0	12	**79.51**	**14.51**	**0.00**	**4.51**	**0.00**	**0.00**	6.0
4.97	**0.00**	**0.00**	6.0	13	**80.07**	**15.07**	**0.00**	**5.07**	**0.00**	**0.00**	6.0
4.90	**0.00**	**0.00**	6.0	14	**80.16**	**15.16**	**0.00**	**5.16**	**0.00**	**0.00**	6.0
5.01	**0.00**	**0.00**	6.0	15	**80.15**	**15.15**	**0.00**	**5.15**	**0.00**	**0.00**	6.0
5.04	**0.00**	**0.00**	6.0	16	**80.08**	**15.08**	**0.00**	**5.08**	**0.00**	**0.00**	6.0
5.26	**0.00**	**0.00**	6.0	17	**79.63**	**14.63**	**0.00**	**4.63**	**0.00**	**0.00**	6.0
4.90	**0.00**	**0.00**	6.0	18	**79.67**	**14.67**	**0.00**	**4.67**	**0.00**	**0.00**	6.0
5.15	**0.00**	**0.00**	6.0	19	**79.67**	**14.67**	**0.00**	**4.67**	**0.00**	**0.00**	6.0
5.39	**0.00**	**0.00**	6.0	20	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	6.0
5.89	**0.00**	**0.00**	6.0	21	**80.34**	**15.34**	**0.00**	**5.34**	**0.00**	**0.00**	6.0
5.47	**0.00**	**0.00**	6.0	22	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	6.0
5.04	**0.00**	**0.00**	6.0	23	**80.48**	**15.48**	**0.00**	**5.48**	**0.00**	**0.00**	6.0

5.47	**0.00**	**0.00**	6.0	24	**80.25**	**15.25**	**0.00**	**5.25**	**0.00**	**0.00**	6.0
5.08	**0.00**	**0.00**	6.0	25	**80.28**	**15.28**	**0.00**	**5.28**	**0.00**	**0.00**	6.0
4.78	**0.00**	**0.00**	6.0	26	**80.22**	**15.22**	**0.00**	**5.22**	**0.00**	**0.00**	6.0
4.97	**0.00**	**0.00**	6.0	27	**79.85**	**14.85**	**0.00**	**4.85**	**0.00**	**0.00**	6.0
4.98	**0.00**	**0.00**	6.0	28	**80.05**	**15.05**	**0.00**	**5.05**	**0.00**	**0.00**	6.0
4.86	**0.00**	**0.00**	6.0	29	**80.04**	**15.04**	**0.00**	**5.04**	**0.00**	**0.00**	6.0
5.06	**0.00**	**0.00**	6.0	30	**80.02**	**15.02**	**0.00**	**5.02**	**0.00**	**0.00**	6.0
5.54	**0.00**	**0.00**	7.0	1	**80.09**	**15.09**	**0.00**	**5.09**	**0.00**	**0.00**	7.0
6.29	**0.00**	**0.00**	7.0	2	**80.38**	**15.38**	**0.00**	**5.38**	**0.00**	**0.00**	7.0
6.21	**0.00**	**0.00**	7.0	3	**81.28**	**16.28**	**0.00**	**6.28**	**0.00**	**0.00**	7.0
5.55	**0.00**	**0.00**	7.0	4	**80.88**	**15.88**	**0.00**	**5.88**	**0.00**	**0.00**	7.0
5.89	**0.00**	**0.00**	7.0	5	**80.83**	**15.83**	**0.00**	**5.83**	**0.00**	**0.00**	7.0
5.45	**0.00**	**0.00**	7.0	6	**80.86**	**15.86**	**0.00**	**5.86**	**0.00**	**0.00**	7.0
5.72	**0.00**	**0.00**	7.0	7	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	7.0
6.01	**0.00**	**0.00**	7.0	8	**80.90**	**15.90**	**0.00**	**5.90**	**0.00**	**0.00**	7.0
5.91	**0.00**	**0.00**	7.0	9	**81.37**	**16.37**	**0.00**	**6.37**	**0.00**	**0.00**	7.0
6.08	**0.00**	**0.00**	7.0	10	**81.31**	**16.31**	**0.00**	**6.31**	**0.00**	**0.00**	7.0
6.74	**0.00**	**0.00**	7.0	11	**80.71**	**15.71**	**0.00**	**5.71**	**0.00**	**0.00**	7.0
6.76	**0.00**	**0.00**	7.0	12	**80.39**	**15.39**	**0.00**	**5.39**	**0.00**	**0.00**	7.0
5.92	**0.00**	**0.00**	7.0	13	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**	7.0
5.89	**0.00**	**0.00**	7.0	14	**81.28**	**16.28**	**0.00**	**6.28**	**0.00**	**0.00**	7.0
6.16	**0.00**	**0.00**	7.0	15	**80.55**	**15.55**	**0.00**	**5.55**	**0.00**	**0.00**	7.0
6.07	**0.00**	**0.00**	7.0	16	**81.06**	**16.06**	**0.00**	**6.06**	**0.00**	**0.00**	7.0
6.13	**0.00**	**0.00**	7.0	17	**81.33**	**16.33**	**0.00**	**6.33**	**0.00**	**0.00**	7.0
6.48	**0.00**	**0.00**	7.0	18	**81.12**	**16.12**	**0.00**	**6.12**	**0.00**	**0.00**	7.0
6.31	**0.00**	**0.00**	7.0	19	**80.92**	**15.92**	**0.00**	**5.92**	**0.00**	**0.00**	7.0
6.48	**0.00**	**0.00**	7.0	20	**81.05**	**16.05**	**0.00**	**6.05**	**0.00**	**0.00**	7.0
6.09	**0.00**	**0.00**	7.0	21	**81.04**	**16.04**	**0.00**	**6.04**	**0.00**	**0.00**	7.0
5.92	**0.00**	**0.00**	7.0	22	**80.61**	**15.61**	**0.00**	**5.61**	**0.00**	**0.00**	7.0
5.45	**0.00**	**0.00**	7.0	23	**80.74**	**15.74**	**0.00**	**5.74**	**0.00**	**0.00**	7.0
5.49	**0.00**	**0.00**	7.0	24	**81.14**	**16.14**	**0.00**	**6.14**	**0.00**	**0.00**	7.0
5.40	**0.00**	**0.00**	7.0	25	**81.45**	**16.45**	**0.00**	**6.45**	**0.00**	**0.00**	7.0
6.20	**0.00**	**0.00**	7.0	26	**81.15**	**16.15**	**0.00**	**6.15**	**0.00**	**0.00**	7.0
6.56	**0.00**	**0.00**	7.0	27	**81.52**	**16.52**	**0.00**	**6.52**	**0.00**	**0.00**	7.0
6.80	**0.00**	**0.00**	7.0	28	**81.51**	**16.51**	**0.00**	**6.51**	**0.00**	**0.00**	7.0
6.13	**0.00**	**0.00**	7.0	29	**81.55**	**16.55**	**0.00**	**6.55**	**0.00**	**0.00**	7.0
6.03	**0.00**	**0.00**	7.0	30	**81.49**	**16.49**	**0.00**	**6.49**	**0.00**	**0.00**	7.0
5.50	**0.00**	**0.00**	7.0	31	**80.93**	**15.93**	**0.00**	**5.93**	**0.00**	**0.00**	7.0
5.09	**0.00**	**0.00**	8.0	1	**80.44**	**15.44**	**0.00**	**5.44**	**0.00**	**0.00**	8.0
5.51	**0.00**	**0.00**	8.0	2	**80.52**	**15.52**	**0.00**	**5.52**	**0.00**	**0.00**	8.0
5.73	**0.00**	**0.00**	8.0	3	**80.47**	**15.47**	**0.00**	**5.47**	**0.00**	**0.00**	8.0
5.60	**0.00**	**0.00**	8.0	4	**80.84**	**15.84**	**0.00**	**5.84**	**0.00**	**0.00**	8.0
6.04	**0.00**	**0.00**	8.0	5	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**	8.0
6.64	**0.00**	**0.00**	8.0	6	**81.59**	**16.59**	**0.00**	**6.59**	**0.00**	**0.00**	8.0
5.97	**0.00**	**0.00**	8.0	7	**81.27**	**16.27**	**0.00**	**6.27**	**0.00**	**0.00**	8.0

5.93	**0.00**	**0.00**	8.0	8	**81.01**	**16.01**	**0.00**	**6.01**	**0.00**	**0.00**	8.0
5.89	**0.00**	**0.00**	8.0	9	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**	8.0
5.88	**0.00**	**0.00**	8.0	10	**81.02**	**16.02**	**0.00**	**6.02**	**0.00**	**0.00**	8.0
5.96	**0.00**	**0.00**	8.0	11	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**	8.0
5.86	**0.00**	**0.00**	8.0	12	**80.98**	**15.98**	**0.00**	**5.98**	**0.00**	**0.00**	8.0
5.76	**0.00**	**0.00**	8.0	13	**81.15**	**16.15**	**0.00**	**6.15**	**0.00**	**0.00**	8.0
5.50	**0.00**	**0.00**	8.0	14	**80.97**	**15.97**	**0.00**	**5.97**	**0.00**	**0.00**	8.0
5.93	**0.00**	**0.00**	8.0	15	**81.06**	**16.06**	**0.00**	**6.06**	**0.00**	**0.00**	8.0
5.99	**0.00**	**0.00**	8.0	16	**81.17**	**16.17**	**0.00**	**6.17**	**0.00**	**0.00**	8.0
6.16	**0.00**	**0.00**	8.0	17	**81.46**	**16.46**	**0.00**	**6.46**	**0.00**	**0.00**	8.0
6.19	**0.00**	**0.00**	8.0	18	**81.25**	**16.25**	**0.00**	**6.25**	**0.00**	**0.00**	8.0
5.90	**0.00**	**0.00**	8.0	19	**81.43**	**16.43**	**0.00**	**6.43**	**0.00**	**0.00**	8.0
5.56	**0.00**	**0.00**	8.0	20	**80.91**	**15.91**	**0.00**	**5.91**	**0.00**	**0.00**	8.0
5.62	**0.00**	**0.00**	8.0	21	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**	8.0
5.46	**0.00**	**0.00**	8.0	22	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**	8.0
5.66	**0.00**	**0.00**	8.0	23	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**	8.0
6.41	**0.00**	**0.00**	8.0	24	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	8.0
6.33	**0.00**	**0.00**	8.0	25	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	8.0
6.17	**0.00**	**0.00**	8.0	26	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**	8.0
6.01	**0.00**	**0.00**	8.0	27	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**	8.0
6.24	**0.00**	**0.00**	8.0	28	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**	8.0
5.69	**0.00**	**0.00**	8.0	29	**80.74**	**15.74**	**0.00**	**5.74**	**0.00**	**0.00**	8.0
5.65	**0.00**	**0.00**	8.0	30	**80.46**	**15.46**	**0.00**	**5.46**	**0.00**	**0.00**	8.0
5.12	**0.00**	**0.00**	8.0	31	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**	8.0
4.97	**0.00**	**0.00**	9.0	1	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**	9.0
4.96	**0.00**	**0.00**	9.0	2	**80.79**	**15.79**	**0.00**	**5.79**	**0.00**	**0.00**	9.0
5.14	**0.00**	**0.00**	9.0	3	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	9.0
4.83	**0.00**	**0.00**	9.0	4	**80.51**	**15.51**	**0.00**	**5.51**	**0.00**	**0.00**	9.0
4.79	**0.00**	**0.00**	9.0	5	**80.21**	**15.21**	**0.00**	**5.21**	**0.00**	**0.00**	9.0
4.12	**0.00**	**0.00**	9.0	6	**79.81**	**14.81**	**0.00**	**4.81**	**0.00**	**0.00**	9.0
3.64	**0.00**	**0.00**	9.0	7	**79.39**	**14.39**	**0.00**	**4.39**	**0.00**	**0.00**	9.0
4.23	**0.00**	**0.00**	9.0	8	**79.24**	**14.24**	**0.00**	**4.24**	**0.00**	**0.00**	9.0
4.08	**0.00**	**0.00**	9.0	9	**79.56**	**14.56**	**0.00**	**4.56**	**0.00**	**0.00**	9.0
3.61	**0.00**	**0.00**	9.0	10	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	9.0
4.05	**0.00**	**0.00**	9.0	11	**80.05**	**15.05**	**0.00**	**5.05**	**0.00**	**0.00**	9.0
4.01	**0.00**	**0.00**	9.0	12	**79.63**	**14.63**	**0.00**	**4.63**	**0.00**	**0.00**	9.0
4.10	**0.00**	**0.00**	9.0	13	**79.78**	**14.78**	**0.00**	**4.78**	**0.00**	**0.00**	9.0
3.82	**0.00**	**0.00**	9.0	14	**79.86**	**14.86**	**0.00**	**4.86**	**0.00**	**0.00**	9.0
4.63	**0.00**	**0.00**	9.0	15	**80.18**	**15.18**	**0.00**	**5.18**	**0.00**	**0.00**	9.0
4.12	**0.00**	**0.00**	9.0	16	**80.17**	**15.17**	**0.00**	**5.17**	**0.00**	**0.00**	9.0
3.61	**0.00**	**0.00**	9.0	17	**79.92**	**14.92**	**0.00**	**4.92**	**0.00**	**0.00**	9.0
3.32	**0.00**	**0.00**	9.0	18	**79.65**	**14.65**	**0.00**	**4.65**	**0.00**	**0.00**	9.0
2.92	**0.00**	**0.00**	9.0	19	**79.06**	**14.06**	**0.00**	**4.06**	**0.00**	**0.00**	9.0
2.53	**0.00**	**0.00**	9.0	20	**79.12**	**14.12**	**0.00**	**4.12**	**0.00**	**0.00**	9.0
2.37	**0.00**	**0.00**	9.0	21	**79.34**	**14.34**	**0.00**	**4.34**	**0.00**	**0.00**	9.0
2.51	**0.00**	**0.00**	9.0	22	**78.89**	**13.89**	**0.00**	**3.89**	**0.00**	**0.00**	9.0

2.89	**0.00**	**0.00**	9.0	23	**79.02**	**14.02**	**0.00**	**4.02**	**0.00**	**0.00**	9.0
1.86	**0.00**	**0.00**	9.0	24	**79.21**	**14.21**	**0.00**	**4.21**	**0.00**	**0.00**	9.0
1.31	**0.00**	**0.00**	9.0	25	**78.95**	**13.95**	**0.00**	**3.95**	**0.00**	**0.00**	9.0
0.81	**0.00**	**0.00**	9.0	26	**78.82**	**13.82**	**0.00**	**3.82**	**0.00**	**0.00**	9.0
0.48	**0.00**	**0.00**	9.0	27	**78.94**	**13.94**	**0.00**	**3.94**	**0.00**	**0.00**	9.0
0.98	**0.00**	**0.00**	9.0	28	**78.76**	**13.76**	**0.00**	**3.76**	**0.00**	**0.00**	9.0
0.46	**0.00**	**0.00**	9.0	29	**78.10**	**13.10**	**0.00**	**3.10**	**0.00**	**0.00**	9.0
0.00	**0.00**	**0.00**	9.0	30	**77.71**	**12.71**	**0.00**	**2.71**	**0.00**	**0.00**	9.0
0.00	**0.00**	**0.00**	10.0	1	**77.22**	**12.22**	**0.00**	**2.22**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	2	**77.28**	**12.28**	**0.00**	**2.28**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	3	**77.30**	**12.30**	**0.00**	**2.30**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	4	**77.30**	**12.30**	**0.00**	**2.30**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	5	**76.57**	**11.57**	**0.00**	**1.57**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	6	**76.79**	**11.79**	**0.00**	**1.79**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	7	**76.93**	**11.93**	**0.00**	**1.93**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	8	**77.09**	**12.09**	**0.00**	**2.09**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	9	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	10	**76.62**	**11.62**	**0.00**	**1.62**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	11	**76.44**	**11.44**	**0.00**	**1.44**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	12	**76.27**	**11.27**	**0.00**	**1.27**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	13	**76.17**	**11.17**	**0.00**	**1.17**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	14	**76.14**	**11.14**	**0.00**	**1.14**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	15	**74.68**	**9.68**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	16	**74.14**	**9.14**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	17	**73.57**	**8.57**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	18	**73.41**	**8.41**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	19	**73.56**	**8.56**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	20	**74.16**	**9.16**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	21	**73.89**	**8.89**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	22	**73.77**	**8.77**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	23	**73.40**	**8.40**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	24	**72.11**	**7.11**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	25	**72.35**	**7.35**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	26	**72.40**	**7.40**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	27	**72.20**	**7.20**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	28	**71.55**	**6.55**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.24**	**0.00**	10.0	29	**70.99**	**5.99**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.23**	**0.00**	10.0	30	**71.12**	**6.12**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	10.0	31	**71.51**	**6.51**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
0.00	**0.00**	**0.00**	11.0	1	**71.64**	**6.64**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**1.19**	**0.00**	11.0	2	**70.78**	**5.78**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**2.34**	**0.00**	11.0	3	**69.52**	**4.52**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**2.05**	**0.00**	11.0	4	**70.08**	**5.08**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**1.50**	**0.00**	11.0	5	**69.96**	**4.96**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**2.13**	**0.00**	11.0	6	**70.00**	**5.00**	**0.00**	**0.00**	**0.00**	**0.00**	11.0

0.00	**3.14**	**0.00**	11.0	7	**68.92**	**3.92**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**3.78**	**0.00**	11.0	8	**68.58**	**3.58**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**4.25**	**0.00**	11.0	9	**67.80**	**2.80**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**4.45**	**0.00**	11.0	10	**68.24**	**3.24**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.11**	**0.00**	11.0	11	**68.67**	**3.67**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**4.24**	**0.00**	11.0	12	**68.55**	**3.55**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**4.81**	**0.00**	11.0	13	**68.40**	**3.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.88**	**0.00**	11.0	14	**68.26**	**3.26**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.62**	**0.00**	11.0	15	**67.69**	**2.69**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**6.21**	**0.00**	11.0	16	**66.40**	**1.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**7.00**	**0.00**	11.0	17	**66.00**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**7.60**	**0.00**	11.0	18	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**6.57**	**0.00**	11.0	19	**66.55**	**1.55**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.24**	**0.00**	11.0	20	**66.41**	**1.41**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.11**	**0.00**	11.0	21	**66.77**	**1.77**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**5.96**	**0.00**	11.0	22	**66.36**	**1.36**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**6.79**	**0.00**	11.0	23	**66.11**	**1.11**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**6.51**	**0.00**	11.0	24	**66.62**	**1.61**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**7.28**	**0.00**	11.0	25	**66.87**	**1.87**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**6.84**	**0.00**	11.0	26	**66.21**	**1.21**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**8.10**	**0.00**	11.0	27	**65.10**	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**8.40**	**0.00**	11.0	28	**64.52**	**0.00**	**0.00**	**0.00**	**0.48**	**0.00**	11.0
0.00	**7.22**	**0.00**	11.0	29	**64.79**	**0.00**	**0.00**	**0.00**	**0.21**	**0.00**	11.0
0.00	**7.17**	**0.00**	11.0	30	**65.69**	**0.69**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
0.00	**9.28**	**0.00**	12.0	1	**64.95**	**0.00**	**0.00**	**0.00**	**0.05**	**0.00**	12.0
0.00	**10.12**	**0.00**	12.0	2	**64.66**	**0.00**	**0.00**	**0.00**	**0.34**	**0.00**	12.0
0.00	**9.78**	**0.00**	12.0	3	**64.74**	**0.00**	**0.00**	**0.00**	**0.26**	**0.00**	12.0
0.00	**8.16**	**0.00**	12.0	4	**64.63**	**0.00**	**0.00**	**0.00**	**0.37**	**0.00**	12.0
0.00	**8.73**	**0.00**	12.0	5	**64.78**	**0.00**	**0.00**	**0.00**	**0.22**	**0.00**	12.0
0.00	**9.80**	**0.00**	12.0	6	**63.75**	**0.00**	**0.00**	**0.00**	**1.25**	**0.00**	12.0
0.00	**10.21**	**0.00**	12.0	7	**63.37**	**0.00**	**0.00**	**0.00**	**1.63**	**0.00**	12.0
0.00	**10.65**	**0.00**	12.0	8	**63.96**	**0.00**	**0.00**	**0.00**	**1.04**	**0.00**	12.0
0.00	**7.93**	**0.00**	12.0	9	**65.17**	**0.17**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
0.00	**8.50**	**0.00**	12.0	10	**65.04**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
0.00	**12.24**	**0.00**	12.0	11	**62.86**	**0.00**	**0.00**	**0.00**	**2.14**	**0.00**	12.0
0.00	**12.09**	**0.00**	12.0	12	**62.51**	**0.00**	**0.00**	**0.00**	**2.49**	**0.00**	12.0
0.00	**9.34**	**0.00**	12.0	13	**63.83**	**0.00**	**0.00**	**0.00**	**1.17**	**0.00**	12.0
0.00	**8.56**	**0.00**	12.0	14	**64.32**	**0.00**	**0.00**	**0.00**	**0.68**	**0.00**	12.0
0.00	**10.47**	**0.00**	12.0	15	**62.69**	**0.00**	**0.00**	**0.00**	**2.31**	**0.00**	12.0
0.00	**10.63**	**0.00**	12.0	16	**62.48**	**0.00**	**0.00**	**0.00**	**2.52**	**0.00**	12.0
0.00	**10.60**	**0.00**	12.0	17	**63.21**	**0.00**	**0.00**	**0.00**	**1.79**	**0.00**	12.0
0.00	**12.38**	**0.00**	12.0	18	**62.02**	**0.00**	**0.00**	**0.00**	**2.98**	**0.00**	12.0
0.00	**13.57**	**0.00**	12.0	19	**60.74**	**0.00**	**0.00**	**0.00**	**4.26**	**0.00**	12.0
0.00	**13.21**	**0.00**	12.0	20	**60.45**	**0.00**	**0.00**	**0.00**	**4.55**	**0.00**	12.0
0.00	**11.90**	**0.00**	12.0	21	**61.34**	**0.00**	**0.00**	**0.00**	**3.66**	**0.00**	12.0
0.00	**10.92**	**0.00**	12.0	22	**61.90**	**0.00**	**0.00**	**0.00**	**3.10**	**0.00**	12.0

0.00	**10.06**	**0.00**	12.0	23	**63.17**	**0.00**	**0.00**	**0.00**	**1.83**	**0.00**	12.0
0.00	**10.55**	**0.00**	12.0	24	**63.68**	**0.00**	**0.00**	**0.00**	**1.32**	**0.00**	12.0
0.00	**13.37**	**0.00**	12.0	25	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**	12.0
0.00	**15.21**	**0.21**	12.0	26	**59.46**	**0.00**	**0.00**	**0.00**	**5.54**	**0.00**	12.0
0.00	**13.81**	**0.00**	12.0	27	**59.89**	**0.00**	**0.00**	**0.00**	**5.11**	**0.00**	12.0
0.00	**12.12**	**0.00**	12.0	28	**61.54**	**0.00**	**0.00**	**0.00**	**3.46**	**0.00**	12.0
0.00	**9.94**	**0.00**	12.0	29	**62.54**	**0.00**	**0.00**	**0.00**	**2.47**	**0.00**	12.0
0.00	**12.04**	**0.00**	12.0	30	**61.34**	**0.00**	**0.00**	**0.00**	**3.66**	**0.00**	12.0
0.00	**10.34**	**0.00**	12.0	31	**62.92**	**0.00**	**0.00**	**0.00**	**2.08**	**0.00**	12.0

ights = **1**

DEF Weighted Average Normal Temperature and Weather Spine Data

		Weather Splines for Normal Weather Forecast Scenarios				
Day of Month	**Normal Daily Temperature**	**NCDD_D_65_Avg**	**NHDD_D_59_Avg**	**NCDD_D_75_Avg**	**NHDD_D_65_Avg**	**NHDD_D_50_Avg**
1	**63.03**	**0.00**	**0.41**	**0.00**	**1.97**	**0.00**
2	**63.19**	**0.00**	**0.34**	**0.00**	**1.81**	**0.00**
3	**60.55**	**0.00**	**0.61**	**0.00**	**4.45**	**0.00**
4	**58.54**	**0.00**	**0.79**	**0.00**	**6.46**	**0.00**
5	**58.66**	**0.00**	**0.79**	**0.00**	**6.34**	**0.00**
6	**60.34**	**0.00**	**0.71**	**0.00**	**4.66**	**0.00**
7	**59.17**	**0.00**	**0.80**	**0.00**	**5.83**	**0.00**
8	**58.66**	**0.00**	**0.88**	**0.00**	**6.34**	**0.00**
9	**58.84**	**0.00**	**0.70**	**0.00**	**6.16**	**0.00**
10	**60.08**	**0.00**	**0.64**	**0.00**	**4.92**	**0.00**
11	**60.85**	**0.00**	**0.58**	**0.00**	**4.15**	**0.00**
12	**61.87**	**0.00**	**0.52**	**0.00**	**3.13**	**0.00**
13	**60.75**	**0.00**	**0.58**	**0.00**	**4.25**	**0.00**
14	**59.00**	**0.00**	**0.79**	**0.00**	**6.00**	**0.00**
15	**58.60**	**0.00**	**0.78**	**0.00**	**6.40**	**0.00**
16	**59.09**	**0.00**	**0.82**	**0.00**	**5.91**	**0.00**
17	**58.72**	**0.00**	**0.85**	**0.00**	**6.28**	**0.00**
18	**57.81**	**0.00**	**1.19**	**0.00**	**7.19**	**0.00**
19	**59.06**	**0.00**	**0.81**	**0.00**	**5.94**	**0.00**
20	**57.68**	**0.00**	**1.33**	**0.00**	**7.32**	**0.12**
21	**58.59**	**0.00**	**0.81**	**0.00**	**6.41**	**0.00**
22	**60.42**	**0.00**	**0.59**	**0.00**	**4.58**	**0.00**
23	**60.91**	**0.00**	**0.54**	**0.00**	**4.09**	**0.00**
24	**59.22**	**0.00**	**0.71**	**0.00**	**5.78**	**0.00**
25	**57.37**	**0.00**	**1.63**	**0.00**	**7.63**	**0.01**
26	**58.93**	**0.00**	**0.73**	**0.00**	**6.07**	**0.00**
27	**60.29**	**0.00**	**0.56**	**0.00**	**4.71**	**0.00**
28	**60.27**	**0.00**	**0.64**	**0.00**	**4.73**	**0.00**
29	**61.24**	**0.00**	**0.66**	**0.00**	**3.76**	**0.00**
30	**60.93**	**0.00**	**0.59**	**0.00**	**4.07**	**0.00**
31	**58.98**	**0.00**	**0.77**	**0.00**	**6.02**	**0.00**
1	**60.57**	**0.00**	**0.62**	**0.00**	**4.43**	**0.00**
2	**62.24**	**0.00**	**0.49**	**0.00**	**2.76**	**0.00**
3	**61.41**	**0.00**	**0.54**	**0.00**	**3.59**	**0.00**
4	**61.04**	**0.00**	**0.56**	**0.00**	**3.96**	**0.00**
5	**60.17**	**0.00**	**0.57**	**0.00**	**4.83**	**0.00**
6	**60.73**	**0.00**	**0.58**	**0.00**	**4.27**	**0.00**
7	**60.76**	**0.00**	**0.61**	**0.00**	**4.24**	**0.00**

8	**59.26**	**0.00**	**0.66**	**0.00**	**5.74**	**0.00**
9	**60.19**	**0.00**	**0.60**	**0.00**	**4.81**	**0.00**
10	**61.69**	**0.00**	**0.46**	**0.00**	**3.31**	**0.00**
11	**62.02**	**0.00**	**0.30**	**0.00**	**2.98**	**0.00**
12	**61.68**	**0.00**	**0.46**	**0.00**	**3.32**	**0.00**
13	**60.15**	**0.00**	**0.65**	**0.00**	**4.85**	**0.00**
14	**60.21**	**0.00**	**0.63**	**0.00**	**4.79**	**0.00**
15	**62.68**	**0.00**	**0.38**	**0.00**	**2.32**	**0.00**
16	**62.44**	**0.00**	**0.29**	**0.00**	**2.56**	**0.00**
17	**62.05**	**0.00**	**0.36**	**0.00**	**2.95**	**0.00**
18	**62.55**	**0.00**	**0.28**	**0.00**	**2.45**	**0.00**
19	**63.54**	**0.00**	**0.21**	**0.00**	**1.46**	**0.00**
20	**64.34**	**0.21**	**0.18**	**0.00**	**0.87**	**0.00**
21	**65.49**	**1.01**	**0.00**	**0.00**	**0.52**	**0.00**
22	**66.99**	**2.43**	**0.00**	**0.00**	**0.43**	**0.00**
23	**66.85**	**2.29**	**0.00**	**0.00**	**0.43**	**0.00**
24	**65.79**	**1.34**	**0.00**	**0.00**	**0.55**	**0.00**
25	**65.61**	**1.26**	**0.05**	**0.00**	**0.65**	**0.00**
26	**65.43**	**1.15**	**0.12**	**0.00**	**0.72**	**0.00**
27	**62.69**	**0.00**	**0.33**	**0.00**	**2.31**	**0.00**
28	**63.26**	**0.00**	**0.19**	**0.00**	**1.74**	**0.00**
1	**65.54**	**1.11**	**0.00**	**0.00**	**0.57**	**0.00**
2	**65.94**	**1.44**	**0.00**	**0.00**	**0.49**	**0.00**
3	**64.70**	**0.27**	**0.00**	**0.00**	**0.57**	**0.00**
4	**62.99**	**0.00**	**0.30**	**0.00**	**2.01**	**0.00**
5	**63.21**	**0.00**	**0.19**	**0.00**	**1.79**	**0.00**
6	**64.29**	**0.06**	**0.07**	**0.00**	**0.77**	**0.00**
7	**64.71**	**0.37**	**0.06**	**0.00**	**0.66**	**0.00**
8	**64.37**	**0.09**	**0.11**	**0.00**	**0.72**	**0.00**
9	**64.58**	**0.24**	**0.03**	**0.00**	**0.66**	**0.00**
10	**65.18**	**0.72**	**0.00**	**0.00**	**0.54**	**0.00**
11	**64.73**	**0.32**	**0.00**	**0.00**	**0.58**	**0.00**
12	**65.72**	**1.22**	**0.00**	**0.00**	**0.49**	**0.00**
13	**65.55**	**1.00**	**0.00**	**0.00**	**0.45**	**0.00**
14	**65.55**	**0.95**	**0.00**	**0.00**	**0.39**	**0.00**
15	**66.00**	**1.35**	**0.00**	**0.00**	**0.36**	**0.00**
16	**67.27**	**2.51**	**0.00**	**0.00**	**0.24**	**0.00**
17	**67.13**	**2.43**	**0.00**	**0.00**	**0.31**	**0.00**
18	**67.48**	**2.70**	**0.00**	**0.00**	**0.22**	**0.00**
19	**67.87**	**2.95**	**0.00**	**0.00**	**0.08**	**0.00**
20	**68.11**	**3.29**	**0.00**	**0.00**	**0.18**	**0.00**
21	**66.78**	**2.01**	**0.00**	**0.00**	**0.23**	**0.00**
22	**66.74**	**2.01**	**0.00**	**0.00**	**0.27**	**0.00**
23	**67.28**	**2.52**	**0.00**	**0.00**	**0.24**	**0.00**
24	**68.46**	**3.54**	**0.00**	**0.00**	**0.08**	**0.00**

25	**68.71**	**3.81**	**0.00**	**0.00**	**0.10**	**0.00**
26	**68.81**	**3.95**	**0.00**	**0.00**	**0.14**	**0.00**
27	**69.08**	**4.13**	**0.00**	**0.00**	**0.06**	**0.00**
28	**69.34**	**4.37**	**0.00**	**0.00**	**0.03**	**0.00**
29	**69.57**	**4.57**	**0.00**	**0.00**	**0.00**	**0.00**
30	**69.70**	**4.71**	**0.00**	**0.00**	**0.01**	**0.00**
31	**69.97**	**5.01**	**0.00**	**0.00**	**0.03**	**0.00**
1	**69.16**	**4.26**	**0.00**	**0.00**	**0.10**	**0.00**
2	**69.13**	**4.25**	**0.00**	**0.00**	**0.12**	**0.00**
3	**69.75**	**4.75**	**0.00**	**0.00**	**0.00**	**0.00**
4	**70.97**	**5.97**	**0.00**	**0.00**	**0.00**	**0.00**
5	**70.19**	**5.19**	**0.00**	**0.00**	**0.00**	**0.00**
6	**70.23**	**5.23**	**0.00**	**0.00**	**0.00**	**0.00**
7	**70.41**	**5.41**	**0.00**	**0.00**	**0.00**	**0.00**
8	**71.24**	**6.24**	**0.00**	**0.00**	**0.00**	**0.00**
9	**71.11**	**6.11**	**0.00**	**0.00**	**0.00**	**0.00**
10	**70.74**	**5.74**	**0.00**	**0.00**	**0.00**	**0.00**
11	**71.70**	**6.70**	**0.00**	**0.00**	**0.00**	**0.00**
12	**72.69**	**7.69**	**0.00**	**0.00**	**0.00**	**0.00**
13	**72.96**	**7.96**	**0.00**	**0.00**	**0.00**	**0.00**
14	**71.81**	**6.81**	**0.00**	**0.00**	**0.00**	**0.00**
15	**71.63**	**6.63**	**0.00**	**0.00**	**0.00**	**0.00**
16	**70.41**	**5.41**	**0.00**	**0.00**	**0.00**	**0.00**
17	**70.67**	**5.67**	**0.00**	**0.00**	**0.00**	**0.00**
18	**71.23**	**6.23**	**0.00**	**0.00**	**0.00**	**0.00**
19	**71.94**	**6.94**	**0.00**	**0.00**	**0.00**	**0.00**
20	**71.96**	**6.96**	**0.00**	**0.00**	**0.00**	**0.00**
21	**72.27**	**7.27**	**0.00**	**0.00**	**0.00**	**0.00**
22	**72.71**	**7.71**	**0.00**	**0.00**	**0.00**	**0.00**
23	**72.73**	**7.73**	**0.00**	**0.00**	**0.00**	**0.00**
24	**73.03**	**8.03**	**0.00**	**0.00**	**0.00**	**0.00**
25	**73.30**	**8.30**	**0.00**	**0.00**	**0.00**	**0.00**
26	**74.00**	**9.00**	**0.00**	**0.00**	**0.00**	**0.00**
27	**74.28**	**9.28**	**0.00**	**0.01**	**0.00**	**0.00**
28	**73.83**	**8.83**	**0.00**	**0.00**	**0.00**	**0.00**
29	**74.54**	**9.54**	**0.00**	**0.34**	**0.00**	**0.00**
30	**73.86**	**8.86**	**0.00**	**0.10**	**0.00**	**0.00**
1	**74.15**	**9.15**	**0.00**	**0.10**	**0.00**	**0.00**
2	**74.88**	**9.88**	**0.00**	**0.56**	**0.00**	**0.00**
3	**75.43**	**10.43**	**0.00**	**0.71**	**0.00**	**0.00**
4	**75.52**	**10.52**	**0.00**	**0.78**	**0.00**	**0.00**
5	**75.26**	**10.26**	**0.00**	**0.56**	**0.00**	**0.00**
6	**75.33**	**10.33**	**0.00**	**0.61**	**0.00**	**0.00**
7	**74.98**	**9.98**	**0.00**	**0.46**	**0.00**	**0.00**
8	**75.77**	**10.77**	**0.00**	**0.89**	**0.00**	**0.00**

9	**76.75**	**11.75**	**0.00**	**1.80**	**0.00**	**0.00**
10	**77.26**	**12.26**	**0.00**	**2.28**	**0.00**	**0.00**
11	**77.65**	**12.65**	**0.00**	**2.65**	**0.00**	**0.00**
12	**77.17**	**12.17**	**0.00**	**2.21**	**0.00**	**0.00**
13	**77.09**	**12.09**	**0.00**	**2.09**	**0.00**	**0.00**
14	**76.65**	**11.65**	**0.00**	**1.70**	**0.00**	**0.00**
15	**77.00**	**12.00**	**0.00**	**2.09**	**0.00**	**0.00**
16	**76.72**	**11.72**	**0.00**	**1.77**	**0.00**	**0.00**
17	**77.25**	**12.25**	**0.00**	**2.25**	**0.00**	**0.00**
18	**77.34**	**12.34**	**0.00**	**2.34**	**0.00**	**0.00**
19	**77.16**	**12.16**	**0.00**	**2.16**	**0.00**	**0.00**
20	**77.10**	**12.10**	**0.00**	**2.10**	**0.00**	**0.00**
21	**77.31**	**12.31**	**0.00**	**2.31**	**0.00**	**0.00**
22	**77.70**	**12.70**	**0.00**	**2.70**	**0.00**	**0.00**
23	**78.31**	**13.31**	**0.00**	**3.31**	**0.00**	**0.00**
24	**78.83**	**13.83**	**0.00**	**3.83**	**0.00**	**0.00**
25	**78.72**	**13.72**	**0.00**	**3.72**	**0.00**	**0.00**
26	**78.55**	**13.55**	**0.00**	**3.55**	**0.00**	**0.00**
27	**79.02**	**14.02**	**0.00**	**4.02**	**0.00**	**0.00**
28	**79.15**	**14.15**	**0.00**	**4.15**	**0.00**	**0.00**
29	**79.08**	**14.08**	**0.00**	**4.08**	**0.00**	**0.00**
30	**79.48**	**14.48**	**0.00**	**4.48**	**0.00**	**0.00**
31	**79.60**	**14.60**	**0.00**	**4.60**	**0.00**	**0.00**
1	**79.07**	**14.07**	**0.00**	**4.07**	**0.00**	**0.00**
2	**79.26**	**14.26**	**0.00**	**4.26**	**0.00**	**0.00**
3	**79.58**	**14.58**	**0.00**	**4.58**	**0.00**	**0.00**
4	**79.86**	**14.86**	**0.00**	**4.86**	**0.00**	**0.00**
5	**80.03**	**15.03**	**0.00**	**5.03**	**0.00**	**0.00**
6	**79.44**	**14.44**	**0.00**	**4.44**	**0.00**	**0.00**
7	**79.62**	**14.62**	**0.00**	**4.62**	**0.00**	**0.00**
8	**79.65**	**14.65**	**0.00**	**4.65**	**0.00**	**0.00**
9	**80.07**	**15.07**	**0.00**	**5.07**	**0.00**	**0.00**
10	**80.27**	**15.27**	**0.00**	**5.27**	**0.00**	**0.00**
11	**80.43**	**15.43**	**0.00**	**5.43**	**0.00**	**0.00**
12	**80.56**	**15.56**	**0.00**	**5.56**	**0.00**	**0.00**
13	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**
14	**80.94**	**15.94**	**0.00**	**5.94**	**0.00**	**0.00**
15	**80.98**	**15.98**	**0.00**	**5.98**	**0.00**	**0.00**
16	**80.85**	**15.85**	**0.00**	**5.85**	**0.00**	**0.00**
17	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**
18	**80.55**	**15.55**	**0.00**	**5.55**	**0.00**	**0.00**
19	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**
20	**80.86**	**15.86**	**0.00**	**5.86**	**0.00**	**0.00**
21	**81.12**	**16.12**	**0.00**	**6.12**	**0.00**	**0.00**
22	**81.19**	**16.19**	**0.00**	**6.19**	**0.00**	**0.00**
23	**81.12**	**16.12**	**0.00**	**6.12**	**0.00**	**0.00**

24	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**
25	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
26	**80.86**	**15.86**	**0.00**	**5.86**	**0.00**	**0.00**
27	**80.69**	**15.69**	**0.00**	**5.69**	**0.00**	**0.00**
28	**80.79**	**15.79**	**0.00**	**5.79**	**0.00**	**0.00**
29	**80.77**	**15.77**	**0.00**	**5.77**	**0.00**	**0.00**
30	**80.62**	**15.62**	**0.00**	**5.62**	**0.00**	**0.00**
1	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**
2	**81.06**	**16.06**	**0.00**	**6.06**	**0.00**	**0.00**
3	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**
4	**81.43**	**16.43**	**0.00**	**6.43**	**0.00**	**0.00**
5	**81.37**	**16.37**	**0.00**	**6.37**	**0.00**	**0.00**
6	**81.55**	**16.55**	**0.00**	**6.55**	**0.00**	**0.00**
7	**81.31**	**16.31**	**0.00**	**6.31**	**0.00**	**0.00**
8	**81.47**	**16.47**	**0.00**	**6.47**	**0.00**	**0.00**
9	**81.75**	**16.75**	**0.00**	**6.75**	**0.00**	**0.00**
10	**81.86**	**16.86**	**0.00**	**6.86**	**0.00**	**0.00**
11	**81.46**	**16.46**	**0.00**	**6.46**	**0.00**	**0.00**
12	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**
13	**81.16**	**16.16**	**0.00**	**6.16**	**0.00**	**0.00**
14	**81.77**	**16.77**	**0.00**	**6.77**	**0.00**	**0.00**
15	**81.23**	**16.23**	**0.00**	**6.23**	**0.00**	**0.00**
16	**81.44**	**16.44**	**0.00**	**6.44**	**0.00**	**0.00**
17	**81.72**	**16.72**	**0.00**	**6.72**	**0.00**	**0.00**
18	**81.60**	**16.60**	**0.00**	**6.60**	**0.00**	**0.00**
19	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**
20	**81.79**	**16.79**	**0.00**	**6.79**	**0.00**	**0.00**
21	**81.73**	**16.73**	**0.00**	**6.73**	**0.00**	**0.00**
22	**81.41**	**16.41**	**0.00**	**6.41**	**0.00**	**0.00**
23	**81.22**	**16.22**	**0.00**	**6.22**	**0.00**	**0.00**
24	**81.39**	**16.39**	**0.00**	**6.39**	**0.00**	**0.00**
25	**81.77**	**16.77**	**0.00**	**6.77**	**0.00**	**0.00**
26	**81.78**	**16.78**	**0.00**	**6.78**	**0.00**	**0.00**
27	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**
28	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**
29	**82.06**	**17.06**	**0.00**	**7.06**	**0.00**	**0.00**
30	**81.94**	**16.94**	**0.00**	**6.94**	**0.00**	**0.00**
31	**81.51**	**16.51**	**0.00**	**6.51**	**0.00**	**0.00**
1	**81.14**	**16.14**	**0.00**	**6.14**	**0.00**	**0.00**
2	**81.07**	**16.07**	**0.00**	**6.07**	**0.00**	**0.00**
3	**81.24**	**16.24**	**0.00**	**6.24**	**0.00**	**0.00**
4	**81.66**	**16.66**	**0.00**	**6.66**	**0.00**	**0.00**
5	**81.85**	**16.85**	**0.00**	**6.85**	**0.00**	**0.00**
6	**82.07**	**17.07**	**0.00**	**7.07**	**0.00**	**0.00**
7	**81.78**	**16.78**	**0.00**	**6.78**	**0.00**	**0.00**

8	**81.66**	**16.66**	**0.00**	**6.66**	**0.00**	**0.00**
9	**81.37**	**16.37**	**0.00**	**6.37**	**0.00**	**0.00**
10	**81.77**	**16.77**	**0.00**	**6.77**	**0.00**	**0.00**
11	**82.14**	**17.14**	**0.00**	**7.14**	**0.00**	**0.00**
12	**81.78**	**16.78**	**0.00**	**6.78**	**0.00**	**0.00**
13	**82.03**	**17.03**	**0.00**	**7.03**	**0.00**	**0.00**
14	**81.68**	**16.68**	**0.00**	**6.68**	**0.00**	**0.00**
15	**81.61**	**16.61**	**0.00**	**6.61**	**0.00**	**0.00**
16	**81.77**	**16.77**	**0.00**	**6.77**	**0.00**	**0.00**
17	**81.88**	**16.88**	**0.00**	**6.88**	**0.00**	**0.00**
18	**81.81**	**16.81**	**0.00**	**6.81**	**0.00**	**0.00**
19	**81.92**	**16.92**	**0.00**	**6.92**	**0.00**	**0.00**
20	**81.69**	**16.69**	**0.00**	**6.69**	**0.00**	**0.00**
21	**81.58**	**16.58**	**0.00**	**6.58**	**0.00**	**0.00**
22	**81.25**	**16.25**	**0.00**	**6.25**	**0.00**	**0.00**
23	**81.42**	**16.42**	**0.00**	**6.42**	**0.00**	**0.00**
24	**81.26**	**16.26**	**0.00**	**6.26**	**0.00**	**0.00**
25	**81.42**	**16.42**	**0.00**	**6.42**	**0.00**	**0.00**
26	**81.44**	**16.44**	**0.00**	**6.44**	**0.00**	**0.00**
27	**81.41**	**16.41**	**0.00**	**6.41**	**0.00**	**0.00**
28	**81.64**	**16.64**	**0.00**	**6.64**	**0.00**	**0.00**
29	**81.34**	**16.34**	**0.00**	**6.34**	**0.00**	**0.00**
30	**81.05**	**16.05**	**0.00**	**6.05**	**0.00**	**0.00**
31	**81.31**	**16.31**	**0.00**	**6.31**	**0.00**	**0.00**
1	**81.23**	**16.23**	**0.00**	**6.23**	**0.00**	**0.00**
2	**81.20**	**16.20**	**0.00**	**6.20**	**0.00**	**0.00**
3	**81.30**	**16.30**	**0.00**	**6.30**	**0.00**	**0.00**
4	**81.20**	**16.20**	**0.00**	**6.20**	**0.00**	**0.00**
5	**80.71**	**15.71**	**0.00**	**5.71**	**0.00**	**0.00**
6	**80.41**	**15.41**	**0.00**	**5.41**	**0.00**	**0.00**
7	**79.93**	**14.93**	**0.00**	**4.93**	**0.00**	**0.00**
8	**79.89**	**14.89**	**0.00**	**4.89**	**0.00**	**0.00**
9	**80.16**	**15.16**	**0.00**	**5.16**	**0.00**	**0.00**
10	**80.54**	**15.54**	**0.00**	**5.54**	**0.00**	**0.00**
11	**80.59**	**15.59**	**0.00**	**5.59**	**0.00**	**0.00**
12	**80.10**	**15.10**	**0.00**	**5.10**	**0.00**	**0.00**
13	**80.19**	**15.19**	**0.00**	**5.19**	**0.00**	**0.00**
14	**80.33**	**15.33**	**0.00**	**5.33**	**0.00**	**0.00**
15	**80.69**	**15.69**	**0.00**	**5.69**	**0.00**	**0.00**
16	**80.68**	**15.68**	**0.00**	**5.68**	**0.00**	**0.00**
17	**80.49**	**15.49**	**0.00**	**5.49**	**0.00**	**0.00**
18	**80.25**	**15.25**	**0.00**	**5.25**	**0.00**	**0.00**
19	**79.77**	**14.77**	**0.00**	**4.77**	**0.00**	**0.00**
20	**79.53**	**14.53**	**0.00**	**4.53**	**0.00**	**0.00**
21	**79.88**	**14.88**	**0.00**	**4.88**	**0.00**	**0.00**
22	**79.55**	**14.55**	**0.00**	**4.55**	**0.00**	**0.00**

23	**79.57**	**14.57**	**0.00**	**4.57**	**0.00**	**0.00**
24	**79.54**	**14.54**	**0.00**	**4.54**	**0.00**	**0.00**
25	**79.09**	**14.09**	**0.00**	**4.09**	**0.00**	**0.00**
26	**78.96**	**13.96**	**0.00**	**3.96**	**0.00**	**0.00**
27	**79.05**	**14.05**	**0.00**	**4.05**	**0.00**	**0.00**
28	**79.13**	**14.13**	**0.00**	**4.13**	**0.00**	**0.00**
29	**78.67**	**13.67**	**0.00**	**3.67**	**0.00**	**0.00**
30	**77.81**	**12.81**	**0.00**	**2.91**	**0.00**	**0.00**
1	**77.46**	**12.46**	**0.00**	**2.61**	**0.00**	**0.00**
2	**77.37**	**12.37**	**0.00**	**2.55**	**0.00**	**0.00**
3	**77.56**	**12.56**	**0.00**	**2.68**	**0.00**	**0.00**
4	**77.50**	**12.50**	**0.00**	**2.63**	**0.00**	**0.00**
5	**76.94**	**11.94**	**0.00**	**2.07**	**0.00**	**0.00**
6	**77.11**	**12.11**	**0.00**	**2.21**	**0.00**	**0.00**
7	**77.33**	**12.33**	**0.00**	**2.43**	**0.00**	**0.00**
8	**77.28**	**12.28**	**0.00**	**2.42**	**0.00**	**0.00**
9	**77.02**	**12.02**	**0.00**	**2.20**	**0.00**	**0.00**
10	**76.75**	**11.75**	**0.00**	**2.00**	**0.00**	**0.00**
11	**76.44**	**11.44**	**0.00**	**1.76**	**0.00**	**0.00**
12	**76.14**	**11.14**	**0.00**	**1.50**	**0.00**	**0.00**
13	**76.26**	**11.26**	**0.00**	**1.59**	**0.00**	**0.00**
14	**76.28**	**11.28**	**0.00**	**1.60**	**0.00**	**0.00**
15	**74.84**	**9.84**	**0.00**	**0.51**	**0.00**	**0.00**
16	**74.24**	**9.24**	**0.00**	**0.22**	**0.00**	**0.00**
17	**73.47**	**8.47**	**0.00**	**0.00**	**0.00**	**0.00**
18	**73.44**	**8.44**	**0.00**	**0.00**	**0.00**	**0.00**
19	**73.63**	**8.63**	**0.00**	**0.01**	**0.00**	**0.00**
20	**74.04**	**9.04**	**0.00**	**0.13**	**0.00**	**0.00**
21	**73.89**	**8.89**	**0.00**	**0.04**	**0.00**	**0.00**
22	**73.92**	**8.92**	**0.00**	**0.13**	**0.00**	**0.00**
23	**73.43**	**8.43**	**0.00**	**0.00**	**0.00**	**0.00**
24	**71.95**	**6.95**	**0.00**	**0.00**	**0.00**	**0.00**
25	**72.23**	**7.23**	**0.00**	**0.00**	**0.00**	**0.00**
26	**72.41**	**7.41**	**0.00**	**0.00**	**0.00**	**0.00**
27	**72.26**	**7.26**	**0.00**	**0.00**	**0.00**	**0.00**
28	**71.36**	**6.36**	**0.00**	**0.00**	**0.00**	**0.00**
29	**70.73**	**5.75**	**0.00**	**0.00**	**0.02**	**0.00**
30	**71.19**	**6.21**	**0.00**	**0.00**	**0.02**	**0.00**
31	**71.64**	**6.64**	**0.00**	**0.00**	**0.00**	**0.00**
1	**71.67**	**6.67**	**0.00**	**0.00**	**0.00**	**0.00**
2	**70.47**	**5.59**	**0.00**	**0.00**	**0.12**	**0.00**
3	**69.31**	**4.54**	**0.00**	**0.00**	**0.23**	**0.00**
4	**69.76**	**4.97**	**0.00**	**0.00**	**0.20**	**0.00**
5	**69.90**	**5.05**	**0.00**	**0.00**	**0.15**	**0.00**
6	**69.59**	**4.81**	**0.00**	**0.00**	**0.21**	**0.00**

7	68.56	3.88	0.00	0.00	0.31	0.00
8	68.09	3.47	0.00	0.00	0.38	0.00
9	67.53	2.96	0.00	0.00	0.43	0.00
10	67.94	3.39	0.00	0.00	0.45	0.00
11	68.16	3.67	0.00	0.00	0.51	0.00
12	68.25	3.68	0.00	0.00	0.42	0.00
13	67.94	3.42	0.00	0.00	0.48	0.00
14	67.57	3.16	0.00	0.00	0.59	0.00
15	66.98	2.54	0.00	0.00	0.56	0.00
16	65.95	1.57	0.02	0.00	0.62	0.00
17	65.53	1.23	0.10	0.00	0.70	0.00
18	65.45	1.21	0.16	0.00	0.76	0.00
19	66.02	1.68	0.06	0.00	0.66	0.00
20	66.22	1.75	0.00	0.00	0.52	0.00
21	66.68	2.19	0.00	0.00	0.51	0.00
22	66.16	1.76	0.00	0.00	0.60	0.00
23	65.66	1.34	0.08	0.00	0.68	0.00
24	66.07	1.72	0.05	0.00	0.65	0.00
25	66.34	2.07	0.13	0.00	0.73	0.00
26	65.73	1.41	0.08	0.00	0.68	0.00
27	64.71	0.52	0.21	0.00	0.81	0.00
28	64.10	0.15	0.24	0.00	1.06	0.00
29	64.64	0.46	0.12	0.00	0.82	0.00
30	65.40	1.11	0.12	0.00	0.72	0.00
1	64.44	0.39	0.33	0.00	0.95	0.00
2	63.88	0.04	0.41	0.00	1.17	0.00
3	64.10	0.19	0.38	0.00	1.09	0.00
4	64.27	0.25	0.22	0.00	0.98	0.00
5	64.34	0.31	0.27	0.00	0.97	0.00
6	63.08	0.00	0.38	0.00	1.92	0.00
7	62.72	0.00	0.42	0.00	2.28	0.00
8	63.36	0.00	0.46	0.00	1.64	0.00
9	64.73	0.52	0.19	0.00	0.79	0.00
10	64.47	0.32	0.25	0.00	0.85	0.00
11	62.34	0.00	0.62	0.00	2.66	0.00
12	62.09	0.00	0.61	0.00	2.91	0.00
13	63.43	0.00	0.33	0.00	1.57	0.00
14	63.78	0.00	0.26	0.00	1.22	0.00
15	62.31	0.00	0.45	0.00	2.69	0.00
16	62.18	0.00	0.46	0.00	2.82	0.00
17	62.54	0.00	0.46	0.00	2.46	0.00
18	61.44	0.00	0.64	0.00	3.56	0.00
19	60.13	0.00	0.76	0.00	4.87	0.00
20	60.02	0.00	0.72	0.00	4.98	0.00
21	60.85	0.00	0.59	0.00	4.15	0.00
22	61.46	0.00	0.49	0.00	3.54	0.00

23	**62.60**	**0.00**	**0.41**	**0.00**	**2.40**	**0.00**
24	**62.90**	**0.00**	**0.46**	**0.00**	**2.10**	**0.00**
25	**60.79**	**0.00**	**0.74**	**0.00**	**4.21**	**0.00**
26	**58.99**	**0.00**	**0.92**	**0.00**	**6.01**	**0.02**
27	**59.54**	**0.00**	**0.78**	**0.00**	**5.46**	**0.00**
28	**61.07**	**0.00**	**0.61**	**0.00**	**3.93**	**0.00**
29	**62.14**	**0.00**	**0.39**	**0.00**	**2.86**	**0.00**
30	**61.08**	**0.00**	**0.60**	**0.00**	**3.92**	**0.00**
31	**62.52**	**0.00**	**0.43**	**0.00**	**2.48**	**0.00**

Saint Petersburg / Clearwater: St Pete-CLWTR Florida International Airport

Average of TPAPIE_Actuals_Temp_Avg_D	Column Labels																										
Row Labels	**1991**	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
1	**65.63**	**59.41**	**65.93**	**60.25**	**58.35**	**58.95**	**61.87**	**63.32**	**63.17**	**60.88**	**54.52**	**62.26**	**54.25**	**58.74**	**61.71**	**62.24**	**64.29**	**61.78**	**60.63**	**54.20**	**58.32**	**62.31**	**66.53**	**56.94**	**61.43**	**59.30**	**64.87**
1	73.42	62.79	70.88	61.96	66.38	67.42	69.00	50.38	62.88	67.79	42.21	55.21	65.13	67.92	67.96	67.17	71.04	66.42	62.38	59.96	66.46	65.58	65.96	60.17	64.21	73.42	68.29
2	71.75	65.63	70.58	67.92	65.50	69.29	66.25	58.83	72.04	69.13	46.83	58.29	64.04	68.04	67.38	69.67	64.04	44.46	67.38	47.83	65.79	60.67	67.71	67.46	67.92	66.46	73.29
3	71.00	59.96	70.79	63.04	61.58	58.88	63.50	66.79	61.46	69.08	45.67	48.33	58.17	71.04	66.75	68.42	70.58	40.83	67.96	41.38	63.00	47.08	65.88	48.46	74.71	57.79	74.38
4	68.54	55.58	71.96	59.08	53.42	50.17	67.29	72.17	45.92	70.67	42.25	42.00	47.08	71.50	67.33	60.38	74.63	52.13	69.25	42.96	61.13	44.13	58.38	56.46	73.25	57.29	68.58
5	71.21	55.33	72.50	46.33	52.08	55.83	70.08	74.29	40.00	61.17	46.79	49.83	49.54	69.79	68.42	61.46	74.38	60.67	69.96	42.46	65.00	52.63	63.92	66.25	66.13	57.92	64.46
6	73.25	60.79	69.21	54.08	64.08	59.96	70.29	73.42	43.75	67.38	53.75	62.67	55.21	65.17	68.08	54.58	75.96	63.29	70.79	39.04	60.42	59.38	67.63	58.38	62.08	59.71	67.38
7	72.21	59.13	71.33	64.08	66.96	55.71	69.79	75.75	56.25	68.54	51.42	51.96	48.33	51.38	68.83	47.17	75.50	68.88	67.88	45.13	55.96	62.58	63.08	41.63	58.88	60.08	59.21
8	72.17	61.50	70.58	60.92	52.71	41.50	70.33	70.42	62.21	64.92	60.21	44.63	51.21	55.88	70.33	51.63	70.17	69.71	62.08	48.83	61.00	64.08	71.25	48.75	50.00	66.63	44.00
9	66.67	67.00	68.17	50.58	51.79	43.21	67.00	64.38	63.04	66.33	47.00	48.08	59.29	61.33	68.63	57.71	56.88	67.63	63.83	35.71	54.92	67.13	76.21	63.21	51.21	66.96	53.38
10	71.25	66.92	69.17	61.58	55.96	55.25	56.54	59.21	55.96	72.83	44.92	52.88	64.42	48.67	65.71	65.92	54.58	68.83	63.96	34.58	62.92	68.33	75.67	71.50	54.46	65.42	59.46
11	73.29	54.25	73.58	67.58	60.50	52.63	56.63	58.83	51.00	66.83	55.75	56.58	56.50	47.88	67.63	67.38	61.50	69.33	67.50	37.63	54.67	67.46	73.96	70.46	64.25	52.00	64.29
12	68.46	64.00	74.21	67.21	66.00	55.67	59.25	62.92	58.79	62.25	59.33	59.75	51.75	53.33	70.17	67.08	67.21	69.92	65.08	44.63	44.75	67.29	73.75	61.88	66.75	54.08	66.46
13	53.04	70.42	72.83	61.63	69.88	49.88	56.88	67.96	64.21	64.13	49.71	59.46	55.08	53.92	73.63	67.17	69.08	68.33	60.83	45.17	41.29	56.00	72.46	62.46	66.04	55.75	68.42
14	53.71	65.50	63.54	54.33	65.71	52.58	60.08	68.13	67.83	57.46	55.33	62.67	51.71	54.63	64.46	56.79	71.25	57.00	54.54	54.00	48.54	50.58	71.67	64.79	63.33	58.63	69.21
15	63.33	49.58	60.92	53.58	59.58	57.17	63.75	68.29	68.04	54.08	60.54	61.38	52.08	60.54	58.38	50.75	68.83	53.29	51.21	63.21	56.00	54.17	70.58	57.25	55.71	66.13	68.96
16	67.42	47.08	60.67	53.38	56.42	62.96	62.75	63.79	67.33	57.17	65.17	57.42	55.38	56.50	53.96	56.13	69.00	61.88	52.29	69.13	58.71	59.92	71.63	49.08	56.54	65.92	69.29
17	58.88	47.63	55.25	64.08	54.33	67.04	44.96	58.83	69.75	58.79	67.00	58.67	51.46	60.71	48.33	65.96	65.17	67.46	50.13	64.08	60.58	63.04	63.92	51.04	59.17	60.00	69.63
18	58.79	57.38	58.83	59.13	58.54	68.71	41.00	61.46	67.92	61.13	68.71	62.67	41.67	63.54	48.33	54.92	63.00	62.88	55.92	57.25	63.96	63.25	53.58	50.75	60.96	52.38	67.42
19	68.67	58.13	64.92	48.00	64.25	57.96	44.71	63.08	70.13	65.96	69.54	66.00	48.00	60.88	49.21	56.04	63.50	66.50	63.92	56.08	63.63	59.79	64.33	52.75	57.63	50.42	67.21
20	63.08	50.25	66.79	51.92	56.17	51.92	54.00	57.08	65.96	65.08	56.83	70.25	55.25	51.08	57.08	67.83	62.67	51.21	53.00	60.13	61.79	63.75	66.71	57.75	60.21	51.79	70.50
21	59.08	51.92	70.04	55.38	54.50	57.88	56.71	62.67	66.38	49.71	42.04	69.46	57.46	52.04	61.04	71.17	67.67	57.04	42.71	67.17	63.71	65.83	65.96	62.13	64.04	58.58	72.13
22	50.25	64.92	68.83	53.13	56.00	60.46	63.13	70.88	72.54	53.13	47.96	72.42	63.54	53.58	62.58	73.58	70.75	67.88	45.50	67.04	51.42	66.17	59.92	48.54	67.96	63.08	75.08
23	53.83	67.04	69.71	58.54	56.83	64.50	64.92	68.96	74.33	63.38	49.17	74.38	55.13	53.75	52.17	72.08	66.08	68.75	51.58	66.00	47.63	68.13	57.42	49.08	71.21	52.42	66.54
24	66.75	55.50	69.92	61.46	47.42	66.46	68.75	61.71	63.04	58.46	51.46	72.79	36.50	54.46	42.71	68.71	58.67	64.25	56.50	71.92	58.71	69.63	58.71	49.54	62.75	46.96	64.54
25	60.33	48.79	62.25	64.96	47.83	58.08	65.92	54.13	58.63	50.88	51.63	71.38	47.79	62.04	51.71	60.96	52.17	56.79	62.04	64.54	67.08	72.75	61.21	53.46	54.92	51.67	64.17
26	56.67	52.25	56.13	65.96	51.33	67.63	62.38	58.88	64.17	45.08	49.08	72.83	52.46	67.29	61.25	56.13	51.50	58.79	65.50	57.63	59.71	71.33	62.67	60.33	60.96	63.08	71.25
27	63.58	62.75	52.46	70.33	54.00	65.17	65.92	64.58	67.25	44.25	52.50	70.83	51.67	65.58	63.13	59.38	60.46	60.29	69.46	56.54	50.75	67.29	66.54	63.71	59.08	64.42	61.33
28	68.42	66.46	55.21	70.96	64.38	57.58	69.38	57.08	68.46	53.25	58.13	72.71	52.71	51.92	60.75	63.46	61.29	53.63	70.46	58.67	55.17	61.50	71.08	65.25	55.04	63.75	54.33
29	70.88	68.25	60.33	70.50	67.21	65.25	68.88	55.08	68.75	63.33	63.92	73.46	60.04	53.29	65.58	66.38	48.13	60.04	67.38	63.46	59.79	62.54	71.38	52.21	57.04	56.92	54.83
30	74.17	65.29	62.38	67.17	57.33	66.50	60.04	56.63	70.54	64.04	66.33	74.96	61.54	57.67	63.54	64.46	49.13	67.38	56.96	65.29	59.96	62.79	72.25	46.42	58.33	57.17	57.21
31	70.33	59.58	59.96	58.83	50.04	64.33	57.75	56.38	69.63	51.08	68.79	76.04	61.46	55.50	57.88	58.92	58.25	69.67	51.58	52.83	63.50	66.75	57.00	54.08	59.54	61.58	55.79
2	**63.77**	**62.68**	**59.83**	**65.55**	**61.10**	**59.71**	**67.50**	**62.20**	**63.37**	**62.97**	**67.26**	**61.77**	**62.57**	**62.34**	**62.91**	**60.11**	**60.45**	**65.65**	**61.38**	**54.51**	**64.16**	**67.19**	**64.31**	**64.19**	**59.26**	**61.51**	**67.12**
1	61.29	57.08	58.92	53.79	52.33	66.58	57.42	59.67	69.92	53.88	67.83	72.67	55.96	64.25	60.08	55.88	67.00	64.96	55.67	56.67	67.13	68.25	54.54	66.96	64.54	69.17	59.13
2	67.46	54.54	57.38	49.67	60.25	69.08	61.00	67.92	69.50	57.46	60.13	70.04	54.92	60.25	62.29	65.71	67.58	60.92	62.50	61.79	69.46	69.13	55.96	69.42	64.00	71.67	64.38

3	69.92	58.79	56.33	48.42	63.13	57.92	65.17	67.71	71.83	57.21	52.42	66.00	58.50	61.04	65.21	66.21	58.71	66.33	54.96	56.38	68.88	70.71	56.46	70.50	55.17	74.83	65.25
4	69.25	63.29	60.08	58.04	57.04	42.63	69.71	58.96	71.63	58.04	54.96	60.17	64.04	65.58	51.00	62.38	56.21	70.54	49.88	63.25	70.29	72.58	56.08	71.17	63.67	68.04	65.54
5	68.21	64.21	61.71	63.08	54.08	37.46	71.29	56.13	68.25	49.96	57.25	58.83	59.00	71.50	55.08	55.79	54.38	71.96	41.42	66.96	65.13	71.83	60.46	71.67	61.88	54.88	60.54
6	70.13	58.96	62.75	69.08	48.46	49.08	69.33	52.50	65.13	48.79	54.00	67.00	62.21	71.58	62.29	57.54	54.75	71.92	49.08	59.96	61.46	72.67	67.50	64.00	57.63	52.08	65.79
7	67.21	54.25	62.75	70.63	52.13	55.96	69.58	52.08	65.96	53.00	62.58	64.96	63.67	58.92	63.42	58.96	57.00	72.79	57.21	49.75	62.46	67.67	69.21	54.46	59.17	51.88	71.29
8	59.00	53.08	57.50	68.21	48.75	60.04	69.50	53.54	71.21	56.42	67.71	52.46	55.67	48.50	64.88	50.96	57.88	68.33	59.75	51.00	52.33	66.08	66.46	57.29	61.42	55.54	70.54
9	59.00	51.17	54.79	71.42	40.83	60.46	60.17	54.00	69.54	56.79	68.25	62.08	53.63	60.33	64.17	54.25	59.08	64.63	63.67	60.13	55.21	64.67	64.00	60.33	60.79	57.04	71.33
10	58.38	60.54	60.42	72.92	53.25	61.79	58.00	56.92	68.75	57.33	70.25	64.25	63.08	67.58	62.67	53.38	60.08	63.29	66.96	50.00	62.08	66.46	68.67	61.04	57.00	52.50	62.54
11	60.21	60.17	65.88	73.29	64.96	63.00	54.63	64.54	71.29	61.00	71.08	64.25	56.88	67.71	49.96	57.67	59.00	63.33	69.25	46.25	51.75	59.50	69.75	63.71	55.50	52.71	64.50
12	58.75	56.00	67.88	72.33	64.88	55.38	57.33	62.50	71.25	63.50	71.92	59.67	56.04	68.88	53.38	47.71	64.63	65.92	68.83	48.54	50.38	44.42	70.83	62.83	55.96	59.25	65.54
13	63.33	58.50	58.63	69.13	59.67	48.08	69.29	54.79	54.54	66.38	71.92	58.42	58.17	70.63	57.79	46.17	65.58	65.50	67.21	46.79	52.63	50.50	71.13	56.71	50.92	60.08	68.33
14	68.13	63.08	55.92	59.54	66.33	55.13	73.88	55.67	51.00	67.75	71.04	60.29	62.17	67.25	64.79	47.79	64.29	53.63	65.92	46.42	54.54	63.25	62.17	53.83	51.33	58.67	68.79
15	59.83	67.54	60.33	61.29	72.75	62.50	66.58	61.67	56.38	67.83	71.50	62.17	67.42	64.92	67.79	57.42	52.75	60.75	69.46	52.63	58.92	69.29	58.79	58.50	60.29	65.17	70.21
16	42.29	66.83	68.04	65.46	71.33	55.17	61.33	68.79	61.92	66.67	71.83	62.08	68.50	54.67	66.42	64.79	48.71	67.42	65.00	49.38	61.63	70.54	57.88	55.21	63.33	64.08	62.21
17	52.13	68.83	66.08	63.96	71.63	42.21	62.50	70.79	67.38	69.63	67.71	60.29	62.96	54.79	66.21	66.38	48.38	70.96	60.63	50.00	65.75	68.79	47.33	60.67	64.71	60.25	59.79
18	64.71	70.67	56.83	66.79	71.00	54.54	66.88	65.79	68.38	69.88	64.21	59.96	56.67	49.79	59.08	65.50	51.08	69.58	65.54	49.54	67.79	69.71	53.96	64.38	53.67	62.63	63.83
19	69.79	69.13	48.17	69.71	70.04	59.88	72.75	64.42	67.54	71.38	65.71	62.96	60.58	53.29	60.08	64.33	49.75	61.17	67.38	52.58	64.54	70.50	64.88	68.29	47.75	63.96	69.25
20	70.00	66.92	55.33	72.79	62.50	64.79	75.21	64.92	59.46	69.83	69.29	68.33	68.92	59.25	65.00	63.17	56.46	61.92	55.54	57.92	67.63	63.08	66.13	71.21	46.17	65.13	68.38
21	69.17	63.88	62.46	72.92	62.33	67.67	74.33	62.13	52.46	60.04	70.83	71.75	71.83	67.71	67.63	64.83	63.08	70.83	55.21	61.67	68.46	63.75	68.33	71.79	58.00	63.83	69.71
22	72.29	70.58	66.21	73.50	54.75	68.50	71.08	71.17	48.83	64.08	69.79	66.58	71.83	65.88	68.58	69.13	64.67	72.88	61.58	65.46	69.83	68.50	72.00	72.04	65.96	67.50	66.92
23	69.92	71.29	60.17	74.00	58.96	67.33	68.83	64.33	51.00	66.21	71.08	57.92	61.96	66.92	70.21	70.96	65.54	71.13	59.38	65.83	71.54	71.92	73.04	70.96	68.21	71.21	68.83
24	66.58	70.17	55.67	64.96	62.88	69.21	69.33	59.63	56.71	67.50	72.67	55.88	62.13	68.00	69.38	65.96	65.88	69.04	59.25	57.00	69.83	74.04	71.67	70.71	65.54	69.42	70.46
25	67.92	68.38	61.04	63.50	61.63	66.63	69.92	63.54	56.04	69.42	73.88	60.13	67.46	64.88	67.29	70.00	68.33	69.67	64.75	48.79	71.29	66.96	73.67	69.08	64.38	58.38	70.42
26	64.75	67.50	64.21	63.54	65.50	67.67	72.92	67.04	59.92	70.83	72.33	62.92	70.08	65.38	63.46	64.08	70.71	72.54	66.83	48.71	72.04	63.33	71.75	66.71	62.79	55.83	68.71
27	55.71	58.83	55.75	58.38	69.50	67.96	75.58	70.08	62.38	70.25	70.33	52.33	68.75	50.50	67.88	56.83	70.88	54.42	67.29	49.42	70.83	73.67	65.21	57.92	58.17	54.58	72.54
28	60.21	59.46	53.92	64.92	69.83	69.63	76.46	70.25	66.25	68.29	70.83	45.21	69.00	55.00	65.33	59.38	70.13	49.38	68.50	53.50	72.71	74.17	62.92	55.79	61.46	59.71	74.67
29		64.04				65.25				66.83				62.79				58.13				72.63				63.83	
3	**67.85**	**64.37**	**63.88**	**67.74**	**68.17**	**61.85**	**73.18**	**64.05**	**64.54**	**70.54**	**65.44**	**69.27**	**71.05**	**67.57**	**64.71**	**66.72**	**68.65**	**67.45**	**68.62**	**60.90**	**68.60**	**73.35**	**60.96**	**65.41**	**71.35**	**70.37**	**68.40**
1	72.88	63.67	57.38	69.08	68.58	57.71	76.04	66.88	63.08	67.54	72.13	58.83	71.50	69.17	60.58	64.04	74.00	64.04	60.71	56.88	72.04	72.54	56.67	61.04	70.88	66.79	74.25
2	75.63	64.25	62.00	68.54	62.38	58.17	75.63	59.25	64.75	70.92	72.96	72.33	68.83	71.21	53.29	66.50	73.29	67.42	51.63	62.08	67.46	73.71	53.54	66.04	71.79	67.38	71.83
3	72.63	66.08	70.67	57.42	62.33	59.71	76.00	58.88	63.71	70.71	75.21	69.38	63.71	73.08	49.75	69.00	61.08	71.58	51.54	52.13	67.63	75.67	47.58	68.25	71.71	64.79	65.79
4	60.50	65.83	64.00	57.79	67.25	64.04	74.92	54.75	54.29	71.67	70.25	49.96	66.92	72.71	56.08	65.33	60.38	71.38	55.63	49.79	68.50	64.13	51.92	69.13	72.54	66.00	65.79
5	58.92	72.08	62.96	62.13	70.17	67.54	74.67	62.92	58.96	64.25	61.00	50.00	74.42	72.96	57.83	62.21	54.50	64.21	64.25	49.58	69.75	60.79	59.38	67.54	72.46	61.13	67.96
6	64.54	72.42	60.79	64.63	73.33	71.25	73.50	69.29	65.79	66.08	57.42	62.00	75.04	71.13	62.92	63.29	59.08	62.38	65.63	52.58	67.67	66.04	58.79	65.21	66.21	63.50	68.92
7	70.83	71.83	60.71	69.33	74.54	70.75	67.83	71.79	65.25	70.38	55.50	64.38	75.88	70.25	65.13	64.88	62.96	71.92	67.71	53.75	61.92	70.67	52.38	59.00	61.13	66.50	70.67
8	72.13	69.21	60.96	70.50	68.63	51.79	71.75	75.38	63.83	68.88	56.25	69.67	72.29	62.54	64.67	60.38	64.63	60.33	68.67	55.96	66.67	74.00	57.75	55.04	68.29	70.33	70.38
9	64.63	68.25	65.25	72.25	57.46	43.17	73.17	65.17	65.21	71.13	58.96	69.75	74.13	60.08	51.50	65.83	68.42	56.71	69.00	60.08	72.63	73.71	63.17	62.83	73.04	72.54	70.75
10	55.29	69.54	63.13	66.54	57.00	49.33	73.46	52.29	68.13	70.75	64.58	68.25	70.88	57.71	55.17	71.21	68.96	64.33	68.71	66.67	62.17	71.13	67.75	64.04	75.46	73.46	70.04
11	54.04	55.71	63.25	54.29	60.88	47.50	72.88	49.00	63.96	72.46	63.33	69.13	71.46	57.63	61.58	73.42	71.33	69.08	69.67	68.25	55.21	72.21	68.67	66.25	76.79	72.71	71.29
12	58.88	49.63	67.63	60.75	66.17	52.96	74.46	49.00	64.63	68.17	70.79	71.46	75.79	60.71	62.17	73.33	70.50	66.04	70.08	64.04	58.00	73.83	63.75	70.38	77.33	73.71	71.63
13	66.42	58.00	54.83	64.13	65.71	54.88	76.38	50.13	67.63	61.96	71.83	68.29	74.00	66.83	66.33	73.21	72.25	63.25	72.83	63.88	60.58	72.75	61.00	59.21	76.79	73.63	67.33
14	69.54	56.63	44.04	64.00	69.83	58.54	71.75	56.04	66.79	67.50	68.83	66.08	72.21	70.33	68.58	73.04	71.83	61.17	73.71	63.33	63.88	74.71	56.96	61.38	74.96	74.29	63.67
15	62.33	61.33	46.96	61.17	68.00	60.58	71.54	62.00	56.25	71.54	73.42	72.88	73.00	69.96	69.67	66.04	72.33	70.33	74.21	62.17	66.67	75.21	57.38	67.00	73.21	75.63	54.21
16	59.58	62.92	61.50	67.50	68.75	64.96	68.50	67.79	55.83	73.58	73.46	74.63	72.21	69.58	70.92	66.13	69.75	74.83	74.42	56.92	68.25	74.96	61.71	70.67	73.25	74.75	52.58
17	66.54	59.75	66.83	59.50	68.63	67.71	70.04	71.17	62.88	72.42	68.33	77.17	71.08	68.38	66.13	68.29	58.50	72.00	72.29	57.83	68.71	75.00	65.33	71.38	71.83	74.00	59.50
18	68.46	66.67	60.96	61.63	66.54	70.96	73.75	72.71	64.75	74.00	61.92	73.88	74.67	67.00	57.38	69.29	59.42	72.96	73.21	58.04	69.96	75.08	68.83	65.04	74.67	72.71	62.83
19	66.42	71.54	59.13	70.88	65.54	62.38	72.67	65.83	64.88	71.71	64.71	74.33	77.38	69.46	56.29	68.17	63.38	73.96	71.92	61.00	70.54	75.42	70.13	62.71	74.54	70.67	66.00

20	65.38	63.54	64.83	71.96	64.25	56.13	71.92	66.79	66.17	73.08	64.08	74.79	79.17	71.21	62.71	72.46	67.50	70.08	73.13	62.17	72.67	75.75	66.79	64.88	72.83	69.96	63.54
21	70.58	58.33	66.17	73.75	65.75	52.88	69.46	59.88	66.42	68.75	57.75	74.42	75.75	68.42	66.88	74.58	69.58	67.88	69.00	64.08	72.38	75.08	58.88	71.71	73.71	58.71	65.67
22	72.58	59.54	69.29	74.38	71.21	55.54	71.58	53.88	62.25	70.75	59.58	67.46	71.71	64.25	74.00	68.75	70.92	67.38	67.08	61.92	70.58	76.58	61.42	70.79	73.63	61.92	69.33
23	73.13	66.17	72.25	73.83	72.83	58.96	71.08	57.75	65.08	68.71	62.63	63.08	64.17	60.54	71.13	66.04	74.29	70.17	64.63	60.33	70.29	76.21	70.96	71.67	73.17	67.33	72.83
24	72.00	64.83	70.13	75.42	72.88	66.83	73.42	61.00	66.21	69.46	64.67	71.54	66.42	64.17	71.67	61.29	73.79	62.38	70.00	63.46	73.54	75.75	73.29	67.79	70.71	72.46	71.71
25	74.75	68.08	71.83	76.75	71.83	69.04	75.13	67.33	65.50	70.29	64.83	74.71	68.75	66.92	74.17	55.17	73.25	57.83	70.88	67.92	72.79	74.96	62.58	65.92	71.42	69.00	72.04
26	73.46	64.13	70.58	76.13	72.96	71.25	74.00	69.71	68.29	70.75	63.42	74.54	72.42	70.38	75.79	54.92	73.71	62.63	72.38	66.96	73.33	73.04	52.92	55.63	74.08	76.33	72.96
27	75.38	63.42	68.21	78.79	72.50	71.67	73.96	70.54	61.50	72.13	60.46	72.00	71.25	71.25	75.71	57.25	74.50	65.96	73.29	68.75	76.46	75.25	50.08	60.75	69.13	76.67	72.38
28	75.29	64.46	64.42	79.63	73.50	70.29	74.63	71.92	64.33	71.46	65.92	68.25	69.79	69.04	69.54	63.08	72.17	69.96	77.21	67.88	70.29	74.67	56.33	70.54	61.63	75.08	72.42
29	77.04	64.08	65.71	66.21	71.50	70.29	75.58	75.79	69.54	72.25	65.63	72.29	71.21	69.79	66.50	67.75	74.25	72.04	70.67	63.67	72.33	74.79	61.29	69.67	62.71	71.08	74.29
30	69.29	68.46	70.46	65.29	72.54	72.29	76.04	74.25	72.33	76.25	69.92	75.25	63.67	67.29	66.88	71.25	73.33	73.25	67.96	63.13	73.83	75.58	64.33	62.79	62.79	72.75	74.17
31	64.17	65.13	73.54	65.67	69.79	68.25	72.75	76.38	72.58	77.17	68.79	76.50	52.96	70.63	75.17	72.21	74.21	73.54	75.21	62.58	69.92	74.58	68.33	63.42	69.13	75.63	73.50
4	**75.95**	**68.92**	**67.45**	**74.28**	**73.18**	**69.76**	**71.33**	**71.77**	**73.59**	**71.21**	**72.05**	**75.46**	**71.60**	**69.78**	**68.75**	**73.48**	**70.53**	**72.01**	**73.46**	**71.72**	**75.69**	**74.17**	**74.73**	**71.87**	**76.73**	**73.53**	**75.24**
1	65.54	61.58	70.67	60.79	66.96	65.96	64.83	76.25	73.79	75.21	66.58	75.50	56.67	61.04	74.92	71.42	72.25	74.54	77.29	64.04	69.29	75.13	72.04	65.75	70.50	77.88	74.33
2	66.00	64.17	66.33	61.88	64.71	59.75	69.00	76.58	73.54	75.38	67.75	74.50	62.96	63.29	67.13	69.83	73.75	73.71	77.38	68.79	70.46	75.38	71.83	69.21	72.00	74.33	75.96
3	69.04	58.25	61.00	67.42	66.13	63.79	69.71	75.75	76.13	74.83	69.67	70.08	67.21	64.58	61.04	71.38	74.17	75.25	75.38	70.58	73.54	76.83	73.88	70.63	73.46	67.50	79.29
4	72.29	58.13	69.88	67.38	71.50	69.08	73.58	74.00	75.21	71.13	70.00	71.42	72.46	66.04	64.50	72.67	74.50	76.63	72.79	70.83	75.88	76.67	70.58	72.38	73.00	68.25	78.79
5	73.96	66.92	69.96	68.83	67.38	70.46	74.50	64.46	74.13	60.25	72.67	70.67	74.04	64.00	69.92	68.79	71.21	76.08	77.46	71.38	67.71	75.13	67.75	72.46	75.71	70.71	79.08
6	75.83	65.46	64.63	72.67	71.88	69.46	75.92	67.71	77.46	63.08	73.79	68.83	76.50	65.29	73.58	69.04	63.21	69.13	73.33	71.17	66.38	76.00	65.54	74.04	76.46	72.29	72.04
7	76.25	67.13	64.67	74.25	68.46	66.17	74.29	74.13	76.29	68.00	73.79	69.71	78.17	68.75	72.63	72.17	58.67	70.92	60.00	72.71	73.13	71.29	70.79	75.83	77.33	71.42	66.38
8	77.33	71.29	69.29	73.67	72.00	62.58	72.25	76.08	74.71	70.83	74.33	74.13	77.58	72.92	70.46	75.08	57.50	73.50	60.54	73.83	76.29	71.13	74.79	71.75	77.75	71.42	66.08
9	76.96	71.83	68.33	75.83	71.92	65.04	73.04	74.63	75.50	58.21	74.50	74.88	71.17	73.33	69.21	72.67	58.25	75.71	68.96	71.46	77.38	72.42	75.75	65.58	77.04	67.29	69.25
10	76.71	74.13	64.04	76.75	75.67	59.54	73.33	67.25	76.50	65.50	74.42	75.13	61.21	72.96	71.25	69.21	63.58	75.88	72.79	70.88	78.04	74.21	76.13	67.38	77.29	70.04	73.13
11	77.63	74.67	65.63	78.75	78.83	60.00	71.46	62.08	76.75	70.71	76.08	75.96	62.46	71.17	70.88	69.63	71.67	75.04	75.13	73.71	77.92	75.04	78.38	72.21	77.58	72.96	73.50
12	77.75	70.42	66.38	78.04	75.08	65.25	73.08	64.88	77.79	73.42	76.88	71.50	66.54	69.79	72.17	71.33	73.83	76.04	76.75	71.71	76.42	74.17	76.17	75.00	77.38	72.25	73.92
13	77.17	71.04	67.88	77.29	72.79	70.83	74.29	67.96	71.96	73.42	77.67	74.08	69.58	69.29	71.67	70.83	75.17	67.13	77.63	72.92	73.38	74.17	75.67	74.25	78.25	73.67	75.25
14	76.54	70.63	71.21	78.13	69.04	72.92	62.75	69.54	73.67	69.71	76.33	73.79	70.46	59.96	70.38	71.25	76.71	63.33	71.25	73.33	74.33	74.25	75.63	76.21	78.00	74.79	75.17
15	76.58	70.63	71.83	79.29	71.33	70.79	65.25	73.25	76.21	73.50	76.29	74.75	72.58	61.75	63.08	72.21	69.71	57.50	68.17	71.79	77.04	75.92	77.50	73.63	78.79	73.54	75.58
16	76.67	71.63	66.88	78.21	72.88	65.21	69.04	74.71	72.13	74.46	75.46	77.71	72.04	65.50	63.21	73.00	60.75	61.13	69.75	71.75	77.46	76.42	81.00	63.79	78.63	74.63	74.79
17	77.13	72.75	60.96	76.17	75.25	64.71	70.25	75.38	61.00	72.88	70.88	75.75	72.21	69.00	63.83	75.21	68.46	66.33	72.17	71.63	71.71	76.58	78.42	69.75	77.67	72.75	74.75
18	76.54	74.17	64.79	75.38	75.46	70.17	62.50	77.21	63.29	73.00	59.04	76.38	72.92	70.50	65.17	76.04	69.21	70.17	72.04	67.58	74.08	76.83	79.04	71.00	78.38	71.38	76.88
19	76.92	69.88	67.00	75.08	77.13	72.13	63.58	76.50	64.17	72.33	62.38	76.42	76.29	69.83	68.75	76.38	70.04	72.00	72.83	69.71	78.88	75.29	79.29	67.21	77.71	71.46	78.50
20	75.25	74.21	69.17	75.00	78.63	74.04	69.42	73.83	65.54	73.25	69.75	76.58	75.63	69.17	70.13	77.13	70.38	72.54	73.92	70.63	79.71	77.38	69.17	65.54	75.00	72.71	76.79
21	71.38	73.96	69.17	75.08	79.08	75.75	71.96	71.33	70.13	74.67	72.50	78.42	74.46	71.17	69.96	77.54	70.63	71.04	71.71	71.79	78.71	71.88	70.50	66.58	75.67	74.63	75.58
22	71.21	76.46	60.42	76.67	78.67	76.29	76.46	69.17	74.29	69.54	74.54	78.25	74.79	73.54	70.04	77.67	72.13	72.38	73.21	72.04	77.13	70.17	72.25	67.75	77.58	74.79	73.33
23	76.71	76.17	60.08	74.08	78.29	75.54	72.13	66.33	76.92	70.21	75.21	77.96	70.96	75.13	69.96	77.75	72.04	73.17	74.33	74.29	78.17	68.67	74.50	70.33	75.75	73.63	76.54
24	81.29	74.67	67.63	72.92	77.46	73.96	68.79	66.25	78.38	74.67	75.46	79.13	72.92	75.79	61.13	76.75	73.42	75.13	76.67	76.00	76.54	63.83	73.42	72.25	79.79	74.88	72.79
25	74.13	73.38	74.67	74.54	67.79	72.83	73.58	67.50	76.92	74.42	72.79	78.75	74.83	76.79	62.71	78.00	74.92	75.67	77.42	74.04	76.17	67.67	75.38	74.00	79.17	77.33	70.92
26	78.50	67.63	74.79	75.92	70.21	75.79	74.25	71.08	77.92	69.83	69.33	79.08	71.46	76.17	67.04	78.71	76.67	75.29	76.96	73.08	78.29	72.50	77.29	75.96	81.50	76.67	75.42
27	80.42	61.00	71.79	76.92	74.33	76.04	79.75	74.46	78.50	70.33	69.46	78.79	72.75	71.63	69.96	76.42	76.88	75.42	76.96	73.58	81.04	74.17	77.75	77.17	79.58	76.58	78.42
28	81.83	60.25	66.88	77.79	72.75	77.92	76.04	75.54	77.38	73.75	71.29	77.71	75.46	72.42	69.29	73.25	74.33	76.17	76.71	68.21	81.04	77.04	77.54	79.42	74.42	77.83	80.58
29	82.58	60.58	68.75	77.21	76.38	79.00	73.25	75.79	76.08	75.00	71.46	78.58	75.54	75.21	73.17	71.92	75.13	71.75	77.33	70.75	78.13	79.63	77.58	80.38	77.54	78.75	82.92
30	82.42	64.58	68.92	76.42	77.46	71.92	71.58	73.38	65.42	74.67	71.17	79.25	76.17	77.50	75.38	71.00	76.79	71.71	76.96	77.38	76.58	79.33	76.38	78.79	73.04	79.63	81.29
5	**79.73**	**74.24**	**75.47**	**77.68**	**81.41**	**78.70**	**77.33**	**78.48**	**76.75**	**79.42**	**76.80**	**78.97**	**79.48**	**78.08**	**75.98**	**76.77**	**77.26**	**79.00**	**77.53**	**80.03**	**78.83**	**80.18**	**76.74**	**77.23**	**78.75**	**77.94**	**78.74**
1	82.00	68.25	71.79	78.08	77.38	71.21	74.58	73.71	60.04	73.00	73.21	79.88	74.67	77.75	72.67	71.33	77.88	73.67	76.75	80.50	78.58	80.25	71.54	78.21	72.92	79.25	79.79
2	79.46	70.67	74.50	78.33	79.58	75.38	79.33	74.08	63.29	74.58	74.13	81.04	77.13	78.17	74.04	71.67	76.75	75.38	77.33	81.38	80.96	80.75	72.04	73.88	72.29	79.88	81.08
3	80.79	70.29	74.33	79.50	78.21	77.33	80.79	74.54	70.17	75.83	70.88	81.42	76.67	73.42	75.63	73.13	78.33	75.67	78.46	80.63	78.29	79.50	75.00	68.67	75.25	79.71	79.88

4	80.21	72.08	76.46	81.58	79.58	78.04	75.46	72.67	74.54	77.08	73.92	81.96	77.50	69.33	71.75	74.54	79.54	76.88	79.13	79.75	79.38	79.38	73.83	70.79	74.71	72.83	77.67
5	80.83	71.79	76.42	75.71	80.04	78.67	71.58	74.38	76.67	76.21	74.67	83.17	80.21	71.25	71.38	74.29	80.38	75.38	79.25	80.33	76.33	79.08	70.17	74.54	76.38	73.38	72.63
6	80.46	72.17	75.75	74.21	81.13	77.83	72.33	75.33	79.29	76.04	75.21	82.58	80.88	74.88	69.17	76.83	78.04	76.75	80.42	80.17	74.46	79.21	69.38	76.46	75.79	70.04	69.42
7	78.83	64.46	77.00	76.63	80.71	78.71	73.50	78.25	77.42	75.67	74.88	80.88	81.17	75.21	69.08	77.67	70.38	77.54	79.96	80.88	74.63	78.25	70.50	78.63	76.38	71.50	70.58
8	80.46	64.00	76.75	77.63	81.67	79.13	75.88	79.92	77.54	76.92	73.83	81.13	80.92	75.71	71.92	78.92	68.58	78.83	79.88	79.83	74.46	78.08	72.17	81.08	76.00	71.13	74.96
9	80.63	66.83	76.75	79.50	81.54	79.54	76.33	79.29	77.75	78.25	73.63	80.54	81.63	76.25	73.00	76.96	74.29	81.00	81.08	79.46	77.83	80.38	74.17	79.63	77.38	74.54	76.88
10	80.67	70.63	75.50	78.75	82.17	78.17	76.13	80.13	75.63	78.17	73.58	81.63	81.88	75.79	73.21	78.29	76.08	81.21	81.58	78.21	80.67	78.21	77.96	79.67	78.58	76.83	78.50
11	79.63	73.17	73.71	79.42	83.33	77.58	75.96	76.50	76.92	80.13	74.08	82.46	81.71	78.88	73.88	79.33	78.33	81.96	81.88	79.13	81.38	79.58	78.92	80.92	79.88	78.71	78.04
12	79.33	74.04	75.75	78.50	83.67	77.42	72.96	76.79	76.71	80.79	73.50	82.46	81.46	79.42	75.21	72.79	76.83	76.54	80.17	79.46	81.54	80.13	78.38	80.29	80.04	78.29	77.00
13	78.92	73.33	75.79	79.50	84.75	78.04	74.33	79.17	78.46	81.29	76.58	80.92	79.79	79.17	76.63	73.21	78.08	75.83	76.79	80.29	80.46	78.83	75.08	81.00	80.17	78.33	77.17
14	80.38	75.88	74.00	81.83	85.67	77.25	75.04	79.88	79.25	80.79	77.92	80.38	77.42	78.25	74.25	73.33	77.63	76.63	76.21	79.79	76.96	80.46	72.92	79.58	81.04	78.92	77.42
15	82.25	75.38	74.13	82.13	84.67	78.38	74.50	81.21	78.83	80.50	77.25	77.29	79.54	77.92	76.17	76.88	78.00	77.08	78.67	79.17	76.13	80.58	75.88	77.67	79.25	76.29	79.83
16	80.17	78.54	73.63	81.79	83.42	78.33	76.50	77.13	75.33	79.83	76.46	77.88	80.46	76.75	76.92	69.08	77.71	79.58	78.79	78.63	72.04	74.83	76.75	71.04	79.79	79.88	82.33
17	78.88	75.79	74.08	81.08	83.63	78.29	76.25	78.13	76.50	79.92	76.75	80.75	82.04	77.13	77.92	71.17	78.50	79.88	77.33	78.42	71.83	77.75	78.58	72.96	79.21	78.08	83.13
18	79.67	76.83	75.33	80.00	83.71	79.25	77.29	78.92	75.29	80.92	76.75	80.63	81.63	78.13	79.29	74.13	78.58	80.04	71.13	79.67	71.88	79.46	79.67	74.92	79.50	79.00	83.75
19	79.25	76.75	73.67	77.04	83.67	79.04	80.04	80.58	78.42	77.83	76.13	73.46	78.46	77.75	78.71	76.83	76.75	78.96	67.42	79.04	72.67	79.92	80.04	77.17	79.79	81.21	81.83
20	76.71	76.38	74.50	71.42	79.21	79.92	80.38	80.25	79.50	78.58	76.58	70.79	79.42	79.50	76.88	77.88	76.08	79.00	70.67	81.38	78.42	78.42	79.42	77.83	80.25	80.04	82.25
21	77.88	76.75	74.08	69.50	76.71	73.75	80.58	81.00	76.58	79.17	78.71	72.38	79.58	78.13	78.13	77.92	77.50	81.33	72.54	83.04	80.79	79.00	75.96	75.54	80.46	78.67	80.58
22	76.42	76.88	71.75	69.08	79.71	77.92	81.13	80.17	77.25	79.33	81.29	72.75	77.08	78.71	76.88	78.04	77.67	79.63	75.58	83.21	82.17	79.54	78.00	77.13	82.63	79.25	81.42
23	77.83	76.29	74.79	74.25	79.08	81.92	80.38	80.54	77.67	80.96	79.54	75.50	75.33	79.46	78.25	77.88	78.21	82.00	76.21	82.88	82.54	81.08	80.00	79.75	79.63	77.88	81.08
24	79.29	75.17	77.71	75.83	81.13	80.83	80.00	80.13	79.46	81.83	79.58	77.42	78.75	79.17	79.17	79.04	78.17	82.33	76.21	81.00	82.88	83.08	82.63	80.08	80.21	78.13	79.63
25	82.54	76.79	77.92	75.50	79.67	79.63	80.17	81.46	81.50	82.71	79.42	76.79	79.88	79.08	80.83	79.75	77.13	82.21	76.83	79.25	80.63	85.04	82.00	80.08	81.92	81.42	77.38
26	78.92	78.46	77.88	77.38	81.04	80.50	81.92	82.71	81.33	83.21	78.21	77.17	80.13	81.21	77.29	80.00	77.00	78.00	77.08	78.67	81.71	83.83	78.13	78.63	80.92	79.58	74.92
27	80.29	78.79	77.04	79.92	81.29	82.13	82.04	78.88	81.63	83.79	77.58	78.42	79.79	80.88	78.21	81.54	77.50	77.79	78.79	78.88	82.04	83.79	78.75	76.71	80.71	79.63	75.67
28	81.83	77.71	75.29	78.92	81.08	81.92	77.21	77.04	80.79	83.54	81.29	80.67	80.00	81.67	79.46	81.96	78.75	79.71	79.63	80.21	82.21	82.25	79.29	78.08	80.63	81.13	79.25
29	82.88	78.42	77.67	76.21	81.08	82.29	78.00	79.79	79.21	82.63	81.83	77.79	77.63	82.00	79.17	83.50	79.29	82.63	80.21	78.46	84.08	80.00	79.71	77.33	79.21	80.08	81.75
30	78.46	79.13	77.04	77.92	82.50	81.46	77.58	79.17	77.75	81.54	81.50	79.67	80.50	84.04	81.92	81.08	78.71	83.17	79.67	78.92	82.50	82.33	81.08	77.83	80.04	80.88	81.83
31	75.83	79.92	78.63	81.00	82.79	79.75	79.17	81.04	78.46	80.88	81.92	78.17	80.75	85.38	78.42	80.79	78.42	82.54	77.63	80.38	83.42	82.63	81.08	78.13	80.29	81.63	83.17
6	**80.53**	**81.14**	**81.06**	**81.65**	**79.62**	**80.13**	**80.54**	**84.87**	**79.69**	**80.94**	**80.82**	**79.97**	**80.62**	**82.07**	**79.57**	**80.74**	**80.60**	**81.98**	**82.35**	**83.98**	**82.98**	**80.08**	**81.00**	**81.32**	**82.43**	**82.42**	**81.30**
1	78.33	79.54	79.88	79.71	83.42	77.38	77.54	83.00	80.63	80.54	76.88	80.08	81.50	84.71	76.00	78.21	73.25	83.50	79.54	81.46	76.08	77.29	79.50	78.38	78.38	82.04	82.67
2	80.63	81.46	79.83	77.54	74.54	75.29	77.21	83.63	79.13	82.04	80.71	82.42	82.92	84.21	76.75	79.67	73.58	83.29	79.42	82.75	80.83	80.92	79.71	78.54	74.83	82.79	78.17
3	81.79	77.54	78.33	78.54	75.29	75.58	77.17	83.71	79.79	83.50	82.58	82.75	82.21	83.13	77.08	80.29	77.54	83.42	78.21	82.54	82.79	81.46	80.46	78.54	78.63	82.58	79.42
4	81.29	80.75	78.50	81.00	77.54	77.54	76.79	84.00	80.92	83.58	81.50	83.04	81.88	81.08	75.58	80.96	79.17	83.42	78.71	81.54	83.25	81.75	79.04	79.17	81.67	83.13	76.83
5	80.79	83.04	80.83	81.92	81.46	80.00	77.71	85.83	78.33	82.75	79.83	82.13	79.50	79.88	78.42	80.79	80.38	85.58	78.17	84.96	81.88	79.50	79.67	79.46	81.88	80.04	76.71
6	74.83	80.88	80.33	81.00	82.00	81.13	76.67	85.79	80.63	83.71	78.67	81.83	81.29	81.88	79.83	80.75	80.29	85.92	78.54	85.38	81.13	78.46	77.17	80.79	80.46	76.88	77.88
7	76.04	80.67	81.58	78.75	81.88	80.25	75.21	84.00	79.08	81.58	80.42	81.88	82.33	80.46	80.83	81.13	80.13	85.13	79.08	85.63	83.08	77.00	80.63	80.96	79.96	82.08	78.83
8	77.54	81.21	84.08	82.88	83.42	79.71	76.75	81.75	78.54	82.04	82.75	77.50	82.33	79.71	79.46	80.75	77.92	81.25	78.63	85.00	83.63	76.25	79.50	81.71	81.75	82.29	79.96
9	78.83	80.79	84.92	84.21	83.42	81.67	76.21	82.67	77.71	81.58	83.33	80.67	80.08	79.54	77.96	82.54	80.50	80.29	80.63	82.71	82.50	79.50	80.17	81.29	82.88	79.88	79.25
10	78.92	82.33	84.63	83.79	82.63	79.58	78.38	83.17	80.33	80.29	83.38	80.92	81.75	79.88	77.50	81.50	81.96	80.13	83.25	81.96	83.50	83.13	81.83	81.75	77.33	80.67	78.96
11	78.38	83.83	83.29	83.79	80.79	80.63	79.21	85.04	82.92	77.46	83.96	82.08	81.25	81.63	81.38	79.71	83.67	81.79	82.83	84.50	83.33	83.33	81.83	77.96	80.13	81.50	79.04
12	80.50	82.88	80.33	83.50	82.46	79.92	81.17	85.33	81.25	79.00	85.33	81.46	81.00	83.75	80.50	75.50	83.67	80.29	82.46	87.21	84.25	82.33	83.71	79.54	79.08	82.17	80.67
13	82.83	82.42	79.79	84.83	76.63	81.67	80.54	84.96	80.46	80.04	85.50	82.42	81.58	82.08	82.17	80.13	76.92	79.71	81.88	85.88	84.08	83.17	83.54	78.50	83.92	84.21	81.25
14	81.79	79.71	80.63	82.75	76.25	81.42	83.25	85.50	81.21	82.46	84.29	82.96	82.92	79.79	82.29	80.54	77.92	83.08	82.83	86.50	85.42	81.96	82.75	79.29	84.58	84.96	80.42
15	81.71	81.46	81.08	80.25	78.38	80.46	83.42	85.88	81.58	83.17	84.50	83.42	81.00	79.92	83.67	81.04	81.00	81.75	84.04	85.79	85.46	79.38	80.71	78.92	83.88	84.50	79.13
16	83.17	79.92	81.71	79.25	79.63	78.04	83.67	86.79	78.92	84.08	83.29	83.42	79.92	83.08	82.92	80.67	82.96	79.63	84.25	84.17	83.00	81.63	81.25	79.13	84.50	84.54	80.83
17	84.54	81.25	81.50	77.04	78.58	77.88	85.08	86.71	77.54	80.13	83.71	76.88	80.21	83.54	83.42	82.04	82.67	83.13	83.33	85.46	85.63	81.25	84.54	80.42	85.38	84.92	82.21
18	80.92	80.04	81.46	77.21	77.58	80.29	85.33	87.42	76.75	81.42	81.58	75.46	76.92	82.46	81.96	79.08	81.21	84.21	82.33	84.04	85.17	81.25	84.75	79.42	85.13	83.33	82.83

19	80.83	81.75	82.17	80.92	76.29	80.08	84.83	87.17	78.17	82.38	78.96	78.54	79.17	84.17	81.67	78.54	81.92	81.42	85.04	83.17	84.58	79.75	83.63	79.25	84.38	80.54	79.79
20	82.42	83.04	80.04	82.04	78.50	79.46	84.58	88.17	78.42	80.42	80.13	77.63	77.33	84.00	78.92	80.63	81.08	83.92	85.75	83.04	86.08	78.13	83.17	81.79	85.17	80.46	82.83
21	81.33	84.83	80.29	82.54	78.50	81.00	84.33	87.79	78.25	80.83	80.25	77.25	78.88	83.83	77.25	82.54	82.21	77.33	86.67	81.29	86.88	79.67	79.88	83.42	85.58	80.29	84.63
22	80.92	84.88	80.88	82.88	79.79	84.08	82.25	87.25	79.38	82.08	75.29	77.79	77.75	84.50	77.21	83.50	80.29	76.88	88.04	83.13	86.13	79.63	77.67	83.54	84.83	83.58	84.75
23	81.79	82.79	79.88	83.63	77.29	84.08	80.46	86.08	78.58	82.83	75.54	78.17	78.13	85.21	75.88	82.92	81.58	83.79	87.71	85.67	85.04	77.46	78.38	82.63	83.17	84.08	83.50
24	79.67	77.13	78.04	85.00	73.63	83.75	78.38	83.67	79.63	80.63	79.00	76.71	81.58	83.25	78.25	79.79	82.88	82.08	82.71	86.46	83.71	77.21	80.13	83.71	82.54	84.17	84.58
25	80.00	76.96	78.83	85.00	79.29	84.13	79.88	84.00	81.42	78.46	80.54	77.25	81.75	84.00	78.88	76.58	83.54	79.04	84.54	86.29	82.54	79.88	80.46	84.50	82.08	82.88	85.38
26	80.38	81.58	80.00	84.71	80.54	83.88	80.42	83.33	79.54	75.42	81.33	80.13	80.92	83.71	82.21	79.33	83.42	77.71	80.00	85.25	79.46	80.25	79.79	85.67	83.25	81.92	82.54
27	81.75	80.00	81.88	83.00	82.67	77.54	82.00	80.63	81.33	76.21	79.13	80.42	80.25	79.63	79.75	83.00	81.46	81.96	82.21	83.38	81.50	79.21	81.42	84.29	85.00	81.92	84.63
28	83.71	79.29	84.63	81.75	81.96	77.67	81.29	83.50	80.71	79.42	76.83	78.71	79.63	79.46	79.75	82.67	81.46	83.38	84.38	81.42	79.63	80.54	84.13	85.04	83.33	83.42	83.75
29	80.67	80.04	83.00	80.67	82.67	79.92	83.13	85.08	80.33	80.08	76.67	78.58	80.17	78.29	79.75	83.29	81.71	82.88	84.63	83.00	80.29	79.96	80.92	87.17	83.83	83.54	83.92
30	79.63	82.13	79.50	79.50	81.71	79.75	83.42	84.25	79.17	80.00	78.67	76.54	82.46	81.38	79.92	84.25	81.71	83.46	80.58	79.75	78.67	81.29	79.71	84.75	85.29	83.21	83.71
7	**81.34**	**82.90**	**83.12**	**80.28**	**81.96**	**83.06**	**81.94**	**82.95**	**82.46**	**81.80**	**81.19**	**81.17**	**81.69**	**81.78**	**83.08**	**81.27**	**82.92**	**81.12**	**82.65**	**83.32**	**83.59**	**82.05**	**80.83**	**82.29**	**81.52**	**84.01**	**83.77**
1	78.96	83.88	81.04	77.88	82.88	79.33	82.50	85.96	77.54	78.46	79.54	76.33	82.42	82.21	83.04	84.75	82.25	80.58	78.00	80.08	79.33	83.00	76.67	83.63	85.25	84.17	82.17
2	83.21	83.88	80.29	78.50	81.79	82.00	84.54	87.88	78.17	80.67	82.54	77.00	81.63	79.96	83.08	80.29	80.67	79.13	79.38	77.17	81.63	83.13	78.75	82.92	82.83	81.33	84.21
3	84.46	83.54	81.79	78.38	83.13	83.88	86.33	86.54	78.67	81.63	85.13	80.63	81.63	81.38	84.33	79.50	81.21	78.67	83.54	78.17	82.21	83.46	78.04	82.63	82.71	84.08	84.63
4	82.42	85.00	83.29	78.88	83.75	84.08	84.38	86.75	79.04	80.08	81.58	80.79	81.00	81.58	84.75	81.21	78.79	80.88	84.88	75.92	82.04	83.08	78.17	82.25	82.71	84.92	85.04
5	82.83	85.75	83.67	80.08	85.17	78.92	78.96	84.42	81.67	80.92	82.29	79.58	82.54	81.50	84.83	80.92	80.71	83.50	84.75	76.04	82.29	82.46	79.04	80.96	79.13	86.04	85.75
6	83.29	84.33	84.04	78.71	84.63	78.13	79.25	84.33	80.96	83.54	82.58	81.33	84.63	83.79	84.54	83.54	82.50	80.54	83.42	77.58	85.21	83.17	83.00	78.96	81.71	86.38	86.00
7	83.75	85.71	79.92	79.04	84.83	80.13	83.54	81.33	82.00	85.08	81.42	80.50	84.33	81.71	84.79	78.29	84.46	79.58	82.25	82.33	81.00	83.92	83.71	78.50	80.13	84.88	84.58
8	83.88	84.33	80.54	81.04	83.25	83.63	82.25	81.50	80.71	81.63	82.92	79.33	83.17	82.96	83.54	77.92	84.83	78.08	82.04	81.96	77.88	84.42	82.83	80.67	81.13	85.33	84.50
9	81.92	85.08	82.21	83.25	85.00	81.13	82.04	82.42	79.42	81.13	81.54	78.25	82.29	84.63	77.46	79.79	85.63	81.17	78.96	84.00	82.54	83.67	83.75	79.13	83.88	85.46	84.42
10	82.92	84.38	80.67	80.38	83.79	81.54	82.63	80.83	81.75	83.13	81.29	80.08	84.75	86.46	81.46	79.88	85.75	83.33	80.58	83.88	83.88	80.42	81.04	80.38	84.79	84.63	83.33
11	79.50	84.29	81.88	80.54	84.50	83.17	80.79	83.21	83.96	83.04	79.38	78.83	80.50	82.96	82.25	78.04	86.08	83.83	80.88	84.04	84.13	77.71	80.38	81.00	84.04	85.33	81.79
12	76.63	82.50	78.67	80.25	77.92	83.00	80.00	83.92	82.79	84.33	83.92	78.38	79.79	80.92	80.83	79.42	85.67	81.71	81.08	84.46	84.38	78.92	80.46	82.00	81.58	84.54	82.58
13	76.92	80.75	81.13	81.92	80.04	83.42	81.25	80.83	81.25	82.75	81.38	79.04	77.50	82.75	80.71	79.33	86.29	80.79	83.63	84.92	85.92	81.46	79.29	81.04	82.46	81.92	84.67
14	77.29	82.00	80.88	82.50	79.46	83.17	79.42	80.00	80.33	82.25	81.46	83.33	79.75	85.50	81.83	81.88	85.04	83.83	84.17	85.42	86.29	83.21	78.54	82.50	81.92	83.92	83.54
15	80.08	81.08	79.67	82.00	82.67	82.33	80.88	78.25	79.63	78.50	80.54	84.21	79.21	85.08	81.50	83.54	84.50	80.75	84.92	81.00	85.17	79.71	80.46	80.96	81.71	85.21	85.00
16	82.33	83.08	81.96	81.46	81.75	81.54	81.13	78.92	82.92	84.13	79.75	84.58	80.13	81.42	81.71	84.33	81.96	79.08	85.54	83.13	82.75	79.42	78.92	78.79	79.13	82.46	83.83
17	82.67	81.75	84.08	80.00	77.92	84.58	82.46	82.00	80.88	85.04	79.04	86.75	82.54	78.96	82.79	83.29	82.21	80.79	85.50	87.04	84.00	78.08	78.38	82.25	78.96	84.50	82.04
18	82.54	80.50	85.42	79.46	79.71	84.08	81.79	84.21	80.04	82.63	82.13	84.88	81.71	78.79	83.92	81.08	84.13	81.08	84.96	83.79	84.29	78.29	77.67	82.83	80.63	84.42	81.54
19	83.00	80.00	84.96	81.04	84.25	81.75	77.83	81.79	83.13	84.75	83.08	84.21	82.00	77.42	84.29	79.08	84.38	83.04	81.83	86.58	83.38	83.08	77.42	83.67	81.42	83.04	84.00
20	79.79	82.46	84.50	80.92	83.38	84.13	78.54	79.83	84.33	85.17	83.04	83.58	83.88	77.25	84.21	79.38	83.88	84.42	78.92	87.13	84.96	84.58	78.83	84.54	81.46	85.21	84.00
21	82.13	81.17	84.54	79.17	83.21	84.79	82.21	78.67	85.25	82.63	79.75	79.21	83.96	81.75	84.83	80.54	82.04	84.71	82.96	87.00	85.67	82.67	82.33	82.46	83.13	83.42	82.42
22	84.50	79.67	85.83	80.25	83.50	84.92	81.50	80.83	84.21	81.38	79.88	77.29	81.96	83.92	84.42	80.67	79.67	82.00	83.54	86.38	83.88	79.75	84.17	81.04	84.25	82.04	82.04
23	82.42	80.50	84.50	82.13	85.00	85.46	83.29	82.71	84.42	80.25	77.17	80.79	83.04	81.63	84.92	82.13	77.83	79.96	84.63	82.25	82.71	79.04	81.67	83.54	84.67	80.96	79.38
24	80.46	80.25	82.71	80.00	82.83	84.29	83.50	84.04	85.21	76.79	80.08	82.63	80.63	80.46	82.08	83.71	78.83	77.75	84.54	83.67	85.29	80.96	83.83	83.63	79.21	80.38	84.21
25	80.71	82.71	84.63	80.33	79.63	85.58	82.75	84.54	84.71	78.54	80.58	81.17	79.63	83.00	84.13	84.58	82.54	81.17	84.00	84.75	86.00	84.25	82.92	83.38	79.13	81.79	84.46
26	81.71	83.75	84.50	79.71	78.04	85.21	83.63	83.50	84.71	80.83	78.92	81.25	80.00	80.63	83.67	84.63	84.88	81.71	80.63	84.58	85.33	84.13	82.46	84.25	80.04	84.08	85.88
27	81.21	82.92	83.67	82.67	78.13	85.71	81.71	84.21	84.83	82.08	79.54	83.00	80.79	80.92	85.00	80.83	84.54	81.75	81.04	86.08	81.42	84.67	83.67	85.71	78.67	86.08	86.54
28	81.29	84.00	84.29	81.29	79.00	85.38	81.54	84.79	85.71	82.42	80.21	83.13	81.71	80.08	84.71	78.63	82.50	81.71	84.29	85.13	82.88	84.21	81.38	85.75	80.50	85.50	86.04
29	81.63	83.71	86.17	76.42	79.42	85.42	81.96	85.21	86.38	82.75	82.00	81.71	81.88	79.79	82.42	81.08	83.25	81.46	84.13	84.21	85.54	84.79	83.21	83.96	80.50	84.25	85.67
30	79.04	83.04	87.63	78.88	79.00	82.08	82.83	84.58	84.79	79.79	83.83	81.08	82.46	83.67	81.58	82.79	83.96	79.42	82.00	87.04	86.29	83.25	82.71	84.38	80.21	84.13	83.00
31	77.96	83.88	87.58	81.63	83.21	82.04	84.75	83.46	86.83	79.63	80.29	83.33	81.04	82.00	82.00	84.33	79.50	78.33	81.29	87.21	83.04	80.58	82.00	83.13	79.25	83.79	79.75
8	**81.92**	**80.79**	**82.79**	**79.76**	**82.24**	**81.95**	**82.04**	**82.45**	**82.82**	**82.07**	**82.18**	**81.19**	**80.62**	**81.41**	**83.35**	**82.15**	**83.92**	**81.51**	**82.46**	**83.31**	**84.48**	**82.34**	**82.57**	**83.34**	**81.89**	**82.60**	**84.60**
1	77.29	82.63	84.88	82.38	81.13	83.54	80.21	80.04	86.42	80.92	78.79	83.63	80.63	79.17	83.29	84.08	79.25	79.25	83.92	86.38	84.29	82.83	82.13	84.08	77.58	83.88	82.04
2	82.67	81.58	83.04	81.46	78.33	83.96	78.96	80.25	87.38	80.13	73.42	79.92	78.88	80.54	84.17	85.54	78.13	81.17	84.58	83.71	85.79	84.21	82.13	82.54	79.29	85.50	80.17

3	83.25	81.21	83.75	81.67	78.71	81.00	80.58	81.46	83.63	81.54	78.29	79.46	80.33	82.13	84.13	83.67	83.54	80.58	84.79	84.00	86.13	82.46	84.29	82.17	78.04	82.58	83.29
4	83.42	81.17	84.75	81.67	80.58	83.13	81.25	80.83	80.25	82.67	78.29	82.83	81.42	80.00	84.96	81.50	84.63	80.42	84.38	84.29	86.83	83.25	85.25	83.21	82.29	80.92	84.75
5	83.42	81.25	86.13	81.96	83.17	83.38	81.08	79.58	81.50	82.79	80.63	83.04	83.25	82.92	82.75	82.58	85.08	80.54	80.08	83.79	86.25	82.58	86.46	83.67	81.96	81.50	84.21
6	83.17	80.63	85.63	80.46	82.50	81.75	83.58	79.17	80.21	80.92	80.08	83.83	83.29	84.88	80.67	81.79	85.42	82.67	82.25	84.17	86.04	80.92	82.67	84.67	82.71	80.46	84.92
7	82.88	78.67	86.04	79.00	84.29	83.75	80.79	79.13	84.25	84.08	80.33	79.83	81.50	79.04	79.25	82.50	84.79	84.54	82.08	85.00	87.79	82.25	82.04	84.00	82.79	78.83	85.71
8	84.00	79.04	85.50	77.83	83.25	81.96	80.63	79.96	85.08	85.54	82.67	80.29	78.88	79.17	80.21	83.29	85.13	83.63	81.46	83.17	85.17	85.08	82.46	83.96	79.21	78.88	85.38
9	83.79	77.08	84.21	79.83	79.79	82.46	80.75	81.21	84.08	79.46	80.88	79.33	76.50	80.63	82.50	84.04	86.38	83.08	85.04	81.00	80.33	85.38	80.58	83.92	82.21	77.88	85.25
10	85.04	79.50	81.42	78.33	83.13	83.38	79.96	82.83	84.25	80.33	81.50	81.42	78.29	81.92	84.58	83.38	85.79	83.46	84.88	80.38	81.88	83.08	83.79	82.83	83.25	81.63	86.08
11	85.96	79.04	82.63	79.50	82.71	81.13	81.50	84.63	84.13	83.96	82.04	81.08	78.75	83.38	85.13	85.04	85.79	82.92	85.04	80.71	85.79	82.50	85.21	81.67	83.67	82.88	85.92
12	84.42	78.96	83.50	78.33	81.88	80.46	83.42	84.71	81.50	78.71	83.38	80.33	82.38	82.92	84.08	85.54	82.63	80.79	84.50	83.38	87.08	80.92	85.50	83.17	84.54	82.46	84.79
13	82.29	82.50	83.92	78.79	82.46	84.33	83.75	85.17	84.75	82.58	83.46	80.29	84.17	78.25	84.83	86.42	82.25	83.21	83.46	85.58	85.21	82.88	84.96	83.96	81.88	83.17	85.13
14	84.13	81.00	82.29	77.54	84.67	84.13	84.54	85.83	83.21	81.96	84.08	80.46	79.58	77.08	82.42	81.50	84.04	79.04	80.83	86.13	86.54	83.63	83.04	83.42	80.17	83.29	86.04
15	82.17	79.50	81.96	76.46	84.17	83.54	84.67	83.63	82.67	83.00	83.67	80.33	82.29	78.83	83.08	79.96	81.83	80.92	81.33	86.00	86.38	83.75	83.38	77.71	78.38	84.63	87.08
16	83.42	79.33	83.21	75.96	82.54	82.54	81.58	82.88	83.83	83.92	84.88	83.13	80.08	81.33	85.21	80.38	83.54	80.79	79.88	85.88	85.54	85.04	84.71	81.33	79.79	83.46	86.75
17	83.25	80.29	81.17	80.25	85.00	81.17	82.79	82.63	80.42	83.21	85.42	81.92	81.63	81.46	83.83	79.08	83.46	81.54	81.13	85.25	83.71	83.04	82.38	83.58	81.75	83.92	86.21
18	82.17	82.50	82.83	81.71	85.58	80.67	83.50	83.17	79.33	82.58	84.13	81.17	82.67	81.46	84.50	79.96	83.17	81.21	80.63	84.17	82.83	80.17	80.67	84.67	83.38	83.54	83.38
19	83.46	83.96	85.25	81.04	82.42	81.21	84.75	80.63	79.83	83.50	83.83	80.88	79.54	82.17	85.71	79.58	85.88	78.42	81.96	86.17	82.50	82.88	80.54	85.25	82.50	84.04	84.88
20	79.04	83.17	85.71	80.67	81.38	81.63	84.58	79.46	81.04	83.04	84.21	82.04	78.42	84.04	84.00	78.79	87.42	80.33	84.42	86.79	81.88	83.54	80.96	85.38	83.17	83.21	86.29
21	81.58	81.42	84.88	83.08	81.42	82.50	84.54	80.13	81.25	84.21	83.00	80.00	77.96	81.29	83.04	79.04	86.75	80.96	82.96	84.08	83.17	79.42	81.13	85.92	83.71	83.75	86.46
22	79.25	81.08	85.17	80.58	82.63	82.04	81.42	79.88	78.83	80.33	83.04	81.83	78.33	81.88	83.46	80.33	86.17	80.96	79.79	83.33	84.71	76.75	80.50	83.83	85.54	84.67	87.46
23	79.33	81.17	85.17	80.71	81.29	78.54	80.54	83.04	79.13	82.63	82.42	82.96	79.21	81.71	82.58	83.88	84.71	79.75	81.42	79.96	84.13	80.92	80.83	81.54	85.83	86.79	84.92
24	77.58	81.00	83.13	78.46	81.00	79.08	81.13	82.83	81.54	82.58	83.71	83.79	80.54	81.08	83.21	80.96	82.17	81.42	82.33	79.08	82.42	82.63	81.17	82.46	85.42	84.50	83.17
25	80.00	84.33	78.96	76.38	82.29	80.33	81.54	83.33	82.63	83.13	84.00	84.08	78.21	79.75	83.58	78.88	81.29	82.88	81.04	79.83	83.75	80.54	80.25	83.88	85.33	85.54	83.38
26	82.50	83.67	78.75	78.46	80.38	80.83	81.79	85.79	83.92	79.67	83.79	83.08	80.75	81.13	82.42	80.21	81.50	83.42	79.33	82.21	85.33	79.08	81.00	83.04	84.54	82.79	84.04
27	81.67	83.04	79.08	80.58	83.08	81.58	81.58	85.58	84.13	81.50	82.13	78.88	79.88	83.46	80.29	81.08	82.71	83.50	80.46	79.88	88.08	79.83	81.33	84.00	79.63	82.54	82.38
28	79.54	79.42	79.13	78.04	85.29	82.50	80.58	85.17	85.04	81.83	84.04	79.42	80.96	82.71	83.00	83.38	84.29	83.21	80.75	81.88	83.71	83.46	81.88	85.50	80.13	84.00	80.83
29	79.96	75.79	78.00	78.54	81.42	82.38	82.38	85.08	84.25	80.13	83.17	79.54	82.67	83.96	84.13	85.04	85.88	81.75	83.46	81.46	82.42	81.88	83.17	83.38	79.38	82.13	82.00
30	78.33	79.29	77.08	81.17	81.17	80.58	82.50	84.17	85.88	81.42	81.96	78.17	83.96	83.25	84.50	80.88	84.79	79.17	83.88	82.67	81.96	83.00	83.21	83.08	80.17	81.29	83.25
31	80.58	81.29	79.42	81.71	81.83	80.96	82.50	83.67	82.96	82.04	82.46	80.00	84.21	82.04	84.25	84.33	83.17	81.21	84.13	82.13	81.38	84.67	81.96	81.75	80.25	76.04	86.42
9	**80.22**	**80.22**	**80.64**	**78.45**	**80.63**	**80.92**	**80.97**	**80.28**	**79.93**	**80.91**	**78.37**	**81.23**	**79.93**	**80.20**	**81.60**	**81.10**	**81.31**	**80.79**	**81.32**	**81.97**	**81.47**	**80.76**	**80.83**	**79.79**	**80.88**	**82.25**	**82.77**
1	79.83	80.33	82.13	82.25	80.38	81.00	79.25	82.88	80.79	82.50	83.92	81.21	81.67	80.21	83.42	82.88	82.42	84.83	79.71	82.83	80.75	85.29	82.96	82.75	80.46	79.13	84.83
2	80.79	79.08	79.54	83.58	82.33	83.17	81.54	79.96	81.17	82.29	82.79	81.25	79.96	83.54	81.33	84.50	83.96	83.50	78.29	80.25	83.13	82.50	83.38	82.29	83.33	80.96	78.96
3	80.25	78.29	82.13	82.88	81.17	83.50	83.13	80.92	82.25	83.25	83.25	82.75	79.83	84.00	82.58	81.88	83.21	83.46	78.00	81.75	82.29	82.17	83.88	82.33	83.79	79.92	81.33
4	81.00	77.79	82.13	79.00	80.50	83.00	83.17	82.00	83.83	83.96	82.46	81.75	78.17	81.46	83.33	81.17	84.04	82.33	80.58	83.88	82.50	82.67	82.29	79.71	83.25	82.29	83.67
5	81.96	80.21	81.92	78.71	78.29	83.29	80.33	80.79	83.96	80.17	81.29	78.46	76.21	75.92	80.00	80.96	83.83	80.38	80.50	81.63	84.54	82.79	82.92	80.54	81.50	80.42	83.71
6	84.08	82.13	79.25	80.88	77.63	85.04	78.83	79.92	79.42	80.46	80.08	79.96	81.00	79.54	80.33	83.00	84.17	82.50	81.21	80.63	81.67	79.58	81.25	80.75	80.42	82.29	81.67
7	82.88	81.67	80.67	78.83	75.63	83.71	79.38	79.17	78.46	79.42	79.17	82.13	81.25	82.71	80.46	79.38	82.96	83.79	81.63	80.92	77.88	81.00	79.88	80.50	77.50	83.17	85.04
8	78.79	78.83	78.13	79.29	77.79	81.75	80.21	80.46	79.42	80.46	78.67	81.67	79.00	81.38	80.96	77.58	81.04	83.88	83.00	80.79	76.96	83.25	82.88	80.88	81.25	82.67	83.71
9	78.38	79.63	82.04	79.13	77.88	79.04	79.42	81.04	81.33	81.50	78.25	81.92	79.88	79.04	81.50	81.38	81.00	82.79	83.46	81.71	77.17	80.33	83.79	80.67	83.04	84.67	83.88
10	79.88	81.04	83.04	79.38	79.33	77.63	80.58	80.71	82.25	81.67	79.88	82.79	80.54	81.67	82.29	81.13	81.04	82.83	83.25	84.38	79.17	81.79	83.50	82.50	83.83	85.21	79.17
11	80.50	81.88	81.38	78.29	79.79	76.50	82.00	79.25	80.75	81.75	80.46	77.33	79.46	82.38	81.33	81.38	83.00	84.71	80.58	83.25	82.21	81.29	83.50	82.71	83.29	84.92	78.92
12	81.96	81.29	79.21	78.71	79.38	80.33	81.42	78.04	81.92	80.63	79.08	75.92	79.04	80.50	80.33	81.38	82.21	83.71	77.38	82.42	82.83	80.67	80.54	82.54	80.42	81.79	80.58
13	81.54	78.92	79.46	75.50	81.83	81.63	80.92	79.88	82.46	82.46	75.46	79.79	79.88	81.92	82.38	80.00	81.54	82.96	82.71	84.25	82.54	81.33	79.21	82.63	78.42	81.88	80.13
14	81.83	78.79	78.63	76.21	83.63	80.75	82.96	80.04	79.42	82.33	71.46	80.75	82.29	81.38	83.04	83.46	81.67	82.38	82.13	83.75	82.08	81.33	82.33	80.25	80.83	82.54	81.88
15	83.63	79.25	79.46	75.88	82.58	82.67	81.92	79.42	80.79	82.54	73.08	82.38	81.46	83.04	81.96	84.13	83.17	82.50	81.29	82.17	82.50	81.17	80.17	81.79	80.96	82.96	83.13
16	82.29	80.96	81.08	77.71	82.00	83.33	81.17	79.75	82.79	78.79	75.08	82.42	81.00	82.46	81.42	82.21	82.79	82.46	81.58	83.25	82.63	79.67	80.21	80.79	79.08	83.08	85.25
17	81.46	80.67	82.75	80.21	82.46	84.88	82.46	78.92	80.67	74.54	76.79	82.17	80.96	83.13	83.00	82.92	80.67	81.92	81.25	83.42	83.88	80.88	80.42	77.17	77.88	83.63	83.88

18	78.71	79.58	83.21	81.38	82.88	84.54	82.46	77.38	78.21	78.83	78.71	83.00	78.46	81.58	83.96	83.67	79.79	81.67	82.21	82.33	81.58	77.88	80.46	80.25	78.71	82.79	83.67
19	80.92	78.67	83.38	79.13	82.63	80.92	81.38	78.54	78.46	79.83	79.21	82.67	80.75	79.88	84.13	80.04	76.29	80.71	83.88	81.50	81.08	81.17	79.71	76.38	80.67	83.50	83.58
20	82.38	80.58	83.00	75.63	80.67	80.00	82.67	78.79	76.17	79.79	79.75	82.46	80.88	75.42	81.38	80.42	76.54	79.21	81.17	81.71	82.88	79.67	81.17	75.46	82.71	82.50	84.38
21	81.42	82.08	81.13	76.88	80.71	79.33	83.79	81.75	78.17	81.79	80.25	82.00	81.96	76.42	80.63	78.29	81.96	79.33	83.42	82.13	83.17	78.67	80.38	78.58	82.92	83.75	84.17
22	79.96	82.79	82.21	77.25	81.42	78.29	81.88	82.33	74.17	83.17	81.04	81.38	81.38	79.92	79.46	82.50	77.75	78.96	81.92	81.42	80.54	78.75	82.04	77.08	82.25	83.29	83.25
23	81.46	80.88	82.17	78.50	82.00	76.63	79.04	82.04	73.38	82.83	81.33	80.08	79.79	79.58	81.71	82.38	78.08	79.25	83.04	82.75	81.13	81.50	78.79	76.96	81.50	83.25	82.63
24	81.50	80.83	81.75	80.13	81.46	77.00	81.21	80.92	75.71	81.38	79.83	79.04	82.13	78.46	83.38	81.75	80.71	77.75	81.88	82.00	82.54	77.75	77.83	77.17	80.08	83.38	82.25
25	80.29	81.13	80.92	76.83	80.04	77.67	82.00	78.50	77.38	82.04	78.04	80.83	78.42	76.88	82.04	82.08	81.58	72.33	81.67	82.42	80.46	77.13	76.17	77.29	80.04	82.17	82.88
26	74.50	82.08	81.29	75.71	82.21	80.88	77.58	80.04	78.92	83.04	73.92	81.71	77.96	75.71	80.63	81.88	80.46	74.79	82.88	81.63	78.92	79.46	81.33	77.42	79.88	79.00	83.58
27	73.00	82.13	79.17	73.63	80.46	81.38	76.71	81.54	80.67	81.79	75.38	81.96	82.67	79.50	79.67	77.88	80.33	76.00	82.96	81.67	81.08	81.00	77.38	78.50	78.67	80.79	84.58
28	77.04	79.88	79.63	76.21	78.92	80.83	81.42	81.58	82.96	78.71	76.79	82.08	80.88	79.75	79.04	76.96	82.71	76.67	81.83	80.13	82.46	80.29	78.04	79.54	78.00	80.21	85.17
29	78.08	79.13	75.42	78.04	81.00	79.79	80.96	81.42	81.00	77.71	73.54	83.33	76.21	79.54	80.00	78.63	81.21	79.42	82.88	79.54	82.67	80.58	79.21	78.08	80.63	80.04	82.50
30	76.21	76.00	73.04	77.83	81.88	79.21	79.38	80.42	81.04	77.63	72.13	81.58	74.71	79.21	82.25	77.29	79.25	76.71	73.38	78.54	80.75	81.38	79.29	80.08	81.21	81.46	80.58
10	**73.99**	**71.92**	**74.92**	**75.08**	**76.54**	**74.82**	**74.04**	**76.54**	**75.28**	**73.26**	**74.13**	**77.95**	**76.03**	**75.96**	**74.89**	**75.49**	**78.51**	**73.95**	**77.43**	**75.26**	**73.18**	**75.47**	**76.44**	**75.31**	**76.25**	**77.11**	**77.87**
1	75.21	72.17	72.88	77.79	80.92	81.42	80.13	80.92	80.79	76.04	69.13	82.42	75.13	80.04	82.17	78.46	77.46	79.38	72.33	78.17	75.13	81.75	81.75	80.00	81.92	81.25	81.17
2	78.38	69.46	77.50	79.08	81.79	80.17	78.71	80.13	81.29	77.04	68.92	82.17	73.21	81.29	80.54	81.29	78.08	75.00	75.79	77.00	69.96	80.25	80.88	80.63	79.58	80.25	81.96
3	81.58	77.67	77.92	82.21	81.42	77.96	77.63	80.38	78.08	77.04	73.33	80.50	76.04	80.38	81.17	80.21	81.00	76.00	78.04	76.13	72.00	76.96	81.33	81.29	75.33	77.88	79.96
4	78.63	79.67	78.00	79.42	82.88	76.54	78.25	79.46	78.21	79.38	76.08	78.92	76.42	78.92	78.58	79.83	82.67	77.96	80.88	73.08	75.92	78.25	81.46	77.42	71.83	80.21	80.08
5	80.04	72.42	75.88	74.63	79.75	76.46	78.13	81.08	73.83	81.29	78.83	81.92	78.29	78.50	78.33	79.25	79.54	77.04	82.04	71.75	76.46	78.58	81.46	67.92	73.42	81.25	79.00
6	76.29	68.79	72.71	75.88	76.71	75.00	78.13	81.46	76.71	81.00	80.00	82.04	79.38	78.75	78.83	78.71	82.08	76.46	83.04	71.08	77.08	79.13	80.33	71.63	74.50	80.13	82.38
7	68.96	72.83	76.79	77.75	78.50	77.33	78.17	82.00	77.29	79.63	80.04	81.21	78.08	77.67	79.83	78.88	81.63	76.92	83.46	69.75	75.71	78.71	80.00	77.88	76.54	79.67	85.13
8	70.29	76.08	77.33	79.25	78.33	74.88	78.96	80.13	77.83	75.00	76.92	80.75	77.96	76.71	79.96	75.83	81.92	78.67	83.54	72.88	72.83	77.75	80.92	78.38	78.58	80.75	84.17
9	74.21	77.42	75.58	78.42	80.13	75.13	79.04	80.17	81.13	62.63	75.96	81.63	78.67	78.33	81.42	72.17	81.17	79.96	84.71	74.88	71.75	77.88	74.83	80.63	79.83	80.75	84.42
10	75.25	77.71	77.54	78.29	79.46	71.17	78.00	78.71	79.83	63.46	76.50	79.42	76.96	78.75	81.33	72.46	79.83	78.96	83.50	75.67	76.08	77.33	75.38	80.33	78.08	75.83	84.88
11	73.54	74.63	74.75	73.75	78.96	70.46	76.46	77.17	79.13	69.96	77.92	80.88	79.21	74.21	80.54	75.71	79.83	78.00	84.08	76.04	78.29	76.58	76.54	79.54	76.08	74.29	84.29
12	71.08	68.75	71.17	74.17	79.83	72.75	77.46	77.63	79.17	71.79	77.92	80.21	78.21	76.63	79.50	78.33	76.67	80.29	82.88	75.79	79.21	76.67	76.63	80.75	72.96	76.75	82.50
13	73.58	66.17	69.79	74.67	81.00	73.08	78.54	78.88	80.13	72.50	79.29	78.79	80.42	77.04	79.00	76.63	77.83	79.50	83.25	76.25	78.42	76.79	76.75	81.54	75.67	77.83	81.58
14	75.46	71.33	72.50	75.29	78.75	74.92	77.92	77.29	78.04	72.96	78.08	77.42	79.83	74.25	78.21	73.88	76.96	79.21	81.96	75.54	77.21	79.58	76.38	78.13	76.96	78.79	81.88
15	73.75	73.46	75.38	71.79	73.75	75.50	76.67	77.13	77.38	71.21	76.92	74.67	72.63	71.17	76.50	73.04	78.54	78.29	82.71	70.58	74.13	78.63	73.38	75.67	78.29	78.00	80.96
16	67.54	73.58	72.92	72.13	71.33	76.58	75.29	77.46	76.67	69.67	74.92	72.08	71.63	67.04	74.75	76.75	79.17	77.79	80.00	71.50	76.54	76.67	75.54	73.42	76.00	79.38	82.08
17	64.29	73.13	76.75	73.67	73.63	76.96	73.54	75.33	77.75	70.17	66.00	68.13	73.96	71.17	74.54	77.71	79.79	75.83	66.13	72.46	77.54	73.88	77.46	71.29	76.67	78.92	77.88
18	69.08	73.17	76.08	72.46	75.46	76.25	70.50	77.75	76.63	71.04	69.25	69.79	73.58	75.50	75.58	79.63	81.75	74.38	57.17	72.75	76.71	76.83	79.71	71.00	74.00	79.08	76.96
19	70.88	67.42	78.25	73.46	78.29	65.13	67.54	77.83	76.58	73.38	76.29	71.79	73.58	78.04	77.04	80.75	81.13	69.58	61.42	74.46	75.54	77.96	80.21	75.04	72.71	78.67	78.63
20	72.92	68.29	79.08	73.75	75.67	61.50	65.88	77.79	78.50	74.17	78.04	74.79	74.17	79.08	80.75	81.13	77.50	72.58	69.42	75.46	65.54	75.25	80.50	74.79	74.54	77.25	79.79
21	75.50	70.08	80.17	73.79	68.25	65.13	66.79	78.25	72.83	74.67	76.75	77.38	74.38	78.21	79.08	81.46	78.63	73.88	73.58	74.96	63.79	72.08	78.83	76.13	74.79	76.63	80.21
22	77.33	71.67	79.54	75.17	68.33	72.13	68.46	73.58	67.58	74.25	77.67	78.13	76.50	75.17	79.50	81.67	82.21	75.08	76.33	73.92	64.04	74.67	78.08	75.25	76.17	68.63	81.79
23	77.38	70.46	75.13	76.21	75.29	75.58	70.21	66.33	68.88	74.17	77.58	76.79	76.71	73.83	77.67	74.13	81.63	77.17	77.63	76.46	67.33	75.25	74.13	72.50	77.21	69.38	79.54
24	77.29	67.04	74.25	75.46	76.08	77.13	73.04	69.25	60.50	74.38	79.83	77.17	73.46	71.88	66.54	59.63	73.63	76.04	75.04	78.96	68.38	77.08	66.75	70.00	77.13	70.33	74.63
25	76.75	66.92	73.92	74.21	76.38	77.54	76.67	73.08	65.96	72.83	80.21	77.63	77.00	75.33	58.75	64.17	72.13	75.00	67.38	79.42	70.67	76.71	69.17	68.71	77.50	72.29	68.79
26	76.38	70.92	71.29	71.00	77.08	78.83	78.21	73.08	69.08	73.04	71.58	78.25	77.83	74.50	57.21	70.46	72.75	68.00	73.54	80.17	73.96	77.42	67.33	68.79	77.29	75.25	65.58
27	76.04	71.00	72.38	69.04	78.04	79.71	72.79	73.75	69.13	70.88	60.00	79.13	77.75	73.17	60.63	76.08	74.71	67.75	78.63	81.00	74.50	73.13	67.75	71.29	74.21	75.58	70.75
28	74.46	71.63	73.25	69.17	76.42	76.13	58.54	72.04	69.79	70.38	59.58	80.00	76.17	73.17	65.17	71.08	76.29	55.54	79.79	80.21	72.67	69.17	70.21	74.46	77.54	75.92	72.17
29	72.71	70.13	75.04	73.92	66.88	76.25	62.96	71.83	73.08	72.25	64.54	80.08	71.88	73.46	64.54	65.54	74.25	53.42	81.46	76.96	72.88	62.00	73.96	75.21	75.71	76.04	65.29
30	71.92	72.38	77.17	75.33	70.04	76.00	70.50	71.21	75.13	72.96	68.54	79.63	72.04	75.54	65.17	70.75	75.21	61.50	81.54	74.67	68.29	61.96	75.88	75.21	74.83	77.21	60.46
31	67.00	73.04	61.50	76.46	73.50	75.67	72.08	71.67	76.63	71.96	71.38	72.58	75.83	76.96	68.71	74.42	77.75	67.42	79.08	74.96	70.04	64.79	76.04	69.75	77.96	76.13	65.08
11	**64.55**	**68.99**	**68.47**	**71.64**	**65.09**	**67.70**	**66.27**	**71.82**	**67.99**	**66.26**	**70.53**	**65.43**	**70.84**	**69.52**	**69.89**	**66.97**	**67.96**	**64.32**	**68.36**	**68.37**	**69.36**	**65.18**	**69.65**	**63.52**	**74.38**	**67.97**	**70.48**
1	71.04	75.46	48.13	75.21	77.08	76.08	76.50	72.96	76.50	70.38	75.67	69.38	75.08	78.50	67.79	77.33	77.00	68.83	75.04	75.08	67.79	68.42	77.50	61.54	79.33	76.04	70.00

2	72.79	75.88	58.17	66.25	78.21	75.67	72.92	74.17	72.71	70.67	75.00	68.33	75.88	78.46	68.13	73.83	73.00	69.00	70.63	73.33	69.58	66.71	71.42	54.38	79.79	76.63	71.63
3	66.79	76.75	66.58	70.13	77.42	60.75	67.33	74.79	57.42	70.42	77.00	69.17	75.54	77.33	71.29	69.33	67.33	71.54	70.67	75.83	70.17	69.67	66.92	61.17	80.08	74.92	74.17
4	57.13	77.25	69.79	73.13	72.17	69.38	63.96	71.42	60.83	70.71	74.79	73.67	78.50	76.54	69.96	69.63	66.75	66.38	74.54	70.92	64.63	69.46	69.38	67.63	80.79	73.96	74.25
5	53.96	77.08	73.83	74.50	69.42	75.58	65.21	66.00	67.00	72.38	69.54	76.21	78.33	68.00	73.21	72.38	65.67	65.75	71.75	60.46	63.00	71.29	73.96	72.42	81.33	74.46	73.79
6	63.79	67.50	74.50	72.42	71.50	76.38	68.00	59.25	68.83	73.46	67.29	73.63	76.25	65.13	73.42	73.50	67.08	66.50	69.38	53.96	66.92	67.38	76.33	71.79	79.88	72.38	74.17
7	64.88	58.08	63.17	73.67	74.96	77.67	65.67	64.21	69.17	74.88	65.50	59.88	76.96	64.92	74.58	71.46	63.38	68.38	71.58	56.25	70.96	60.96	73.00	68.29	77.96	72.13	75.29
8	62.50	59.83	66.96	75.67	68.54	71.33	58.50	69.00	69.79	75.79	66.83	67.17	78.58	65.79	75.83	68.96	59.21	67.42	73.42	59.04	71.42	58.04	70.92	61.88	76.83	69.13	74.04
9	54.17	70.54	73.88	75.71	57.92	58.38	59.21	71.54	70.13	74.92	66.13	74.50	72.75	66.54	71.63	67.92	61.08	65.71	76.50	62.88	70.63	61.21	72.67	61.08	76.92	68.21	74.13
10	51.54	73.75	64.79	77.71	67.17	55.75	65.21	74.67	71.38	73.29	67.04	76.58	71.33	71.67	71.33	68.25	63.21	64.88	75.29	64.58	67.83	65.54	73.50	64.29	75.88	66.92	69.46
11	56.38	75.50	64.33	74.08	72.13	58.63	68.83	74.67	70.96	64.25	66.21	77.21	73.75	72.75	69.79	69.08	66.58	68.83	71.96	68.67	57.96	69.21	72.63	65.04	75.00	63.33	71.83
12	56.46	75.92	70.08	69.50	53.33	59.58	71.79	73.71	70.71	65.04	69.17	75.71	73.71	72.63	70.58	70.00	68.67	76.46	61.50	68.54	63.29	72.38	70.96	65.13	75.42	65.33	73.42
13	58.04	69.54	75.71	74.83	59.08	64.00	72.83	72.92	70.25	69.38	68.29	65.67	72.08	71.08	72.25	62.29	69.50	78.42	63.17	65.00	68.63	72.38	61.17	67.00	75.96	65.21	75.25
14	64.04	59.63	79.00	73.54	59.54	66.46	71.96	73.21	68.13	69.46	68.25	63.71	64.46	70.71	71.88	65.42	69.13	77.08	66.17	65.58	73.50	68.79	63.25	62.04	69.29	64.21	71.29
15	69.50	58.42	77.88	76.08	51.08	67.92	63.88	72.00	68.25	57.54	66.92	70.29	67.21	69.13	75.50	70.83	66.92	73.63	64.58	68.08	75.13	66.42	67.83	60.08	71.79	61.96	66.71
16	70.08	60.42	77.00	75.58	56.50	68.13	59.58	74.46	63.58	63.96	68.71	69.17	71.63	67.04	73.92	70.25	53.46	55.88	65.46	71.50	76.17	61.88	71.08	67.92	75.04	63.50	66.25
17	72.17	63.79	75.25	68.25	61.71	69.21	53.42	74.79	63.88	70.67	70.88	60.92	74.21	64.88	69.33	60.04	58.96	54.58	67.33	72.29	73.00	66.17	73.83	70.21	76.46	63.71	67.38
18	72.33	68.71	74.42	62.83	65.33	67.71	59.46	73.54	67.71	68.79	71.79	54.71	76.29	65.92	64.17	57.04	66.79	56.83	69.38	67.29	68.17	65.04	74.83	52.38	78.42	65.83	67.63
19	74.08	70.88	71.54	70.13	65.13	68.25	63.75	75.17	69.00	70.08	70.08	59.50	71.29	67.25	68.75	58.79	70.79	50.71	66.92	66.46	73.54	60.04	73.00	49.29	77.00	66.00	67.83
20	74.13	72.75	67.88	74.21	64.83	71.46	67.46	75.00	71.50	58.63	67.88	67.17	62.96	70.96	73.46	53.71	71.21	56.04	67.96	68.96	75.13	64.25	71.42	54.46	75.29	56.21	65.46
21	73.50	76.25	66.58	73.63	65.08	72.42	72.21	76.42	69.13	52.54	67.38	67.88	64.04	70.42	71.33	51.71	71.54	60.46	71.96	69.58	75.71	63.50	74.83	63.38	73.25	57.04	69.21
22	71.83	75.83	65.79	70.63	56.00	70.00	71.96	74.25	69.38	50.58	68.58	64.21	67.29	71.38	62.42	55.63	71.46	55.67	73.58	71.58	75.33	61.00	75.21	69.38	72.29	62.63	70.29
23	68.08	75.88	68.04	68.42	58.29	63.67	69.67	75.63	67.58	55.38	72.75	50.79	70.29	72.00	56.00	59.29	66.38	59.38	72.79	72.00	71.88	59.83	71.79	74.33	59.46	66.25	71.00
24	57.50	77.13	66.04	59.54	63.42	69.17	59.83	75.13	69.33	67.00	73.46	55.38	71.29	73.92	68.00	61.92	68.04	62.38	71.46	71.88	67.67	60.92	65.08	74.38	63.38	69.17	64.88
25	49.96	77.71	71.88	63.50	59.58	72.29	62.13	72.54	71.50	71.42	75.38	62.33	66.79	68.88	69.29	66.54	74.33	61.50	68.25	72.96	67.63	56.83	66.92	73.00	68.75	70.58	65.21
26	51.25	77.13	74.21	64.58	55.96	66.88	63.71	73.04	71.08	64.50	73.75	61.04	69.92	57.54	68.04	69.13	74.58	55.38	62.17	72.58	71.50	61.75	72.67	58.71	71.42	69.00	66.75
27	62.54	64.50	71.42	69.75	65.58	59.08	65.00	68.46	65.83	59.88	72.71	61.29	71.79	65.54	71.29	70.92	71.79	56.75	54.46	69.58	72.71	67.46	62.96	57.00	71.63	67.67	66.71
28	67.71	55.38	62.33	75.00	71.46	62.96	69.04	64.42	62.38	59.33	73.21	58.63	68.88	66.21	72.58	73.08	73.42	60.96	55.75	66.63	66.83	66.29	50.42	52.00	70.50	69.96	71.50
29	72.21	51.33	55.00	76.50	70.67	65.71	71.75	67.25	64.42	60.63	73.75	50.50	51.38	65.67	70.79	73.79	72.25	66.83	60.75	74.67	65.46	64.96	59.96	59.17	71.13	72.71	73.54
30	76.17	51.00	60.04	74.33	63.54	70.46	67.42	70.04	61.21	61.71	71.96	58.13	56.79	68.67	60.08	77.04	69.38	67.46	66.54	74.96	58.71	67.75	64.00	66.33	71.25	74.08	71.25
12	**63.89**	**63.47**	**59.16**	**64.09**	**59.99**	**62.55**	**61.31**	**67.43**	**62.83**	**59.27**	**68.04**	**59.75**	**59.42**	**60.67**	**59.00**	**68.63**	**67.84**	**65.79**	**63.18**	**52.74**	**66.60**	**64.69**	**67.76**	**64.42**	**71.87**	**68.65**	**65.75**
1	76.33	54.38	66.13	67.17	61.75	71.13	62.08	70.33	52.25	59.96	70.71	60.13	59.79	70.75	55.42	75.33	70.50	63.88	71.33	61.50	57.38	67.67	64.79	68.71	73.79	72.88	70.71
2	74.83	57.13	66.50	70.21	64.83	63.88	60.79	71.83	53.25	62.21	70.67	53.17	61.13	67.29	57.63	75.29	71.04	54.71	73.50	50.67	63.50	70.92	64.00	70.21	74.75	66.21	69.75
3	73.13	52.96	68.42	74.25	64.92	58.63	67.67	73.21	60.92	57.42	70.75	56.67	63.88	60.50	58.88	74.08	71.38	55.00	68.88	52.54	66.46	71.50	69.79	71.13	71.08	67.25	70.21
4	52.79	59.50	69.13	76.00	64.17	59.25	67.83	74.42	68.29	52.63	72.92	68.25	68.29	57.38	63.67	66.21	58.25	62.42	58.21	57.21	69.46	69.67	71.67	71.04	67.88	72.79	70.88
5	53.42	61.04	64.92	72.67	65.38	64.17	57.83	73.88	71.29	55.21	72.00	70.88	65.54	62.83	67.88	60.83	61.21	64.46	57.17	62.79	71.29	68.46	72.67	71.96	70.63	75.38	72.75
6	61.54	60.83	58.58	70.04	66.71	68.75	51.17	74.13	65.96	54.67	73.67	56.08	50.75	70.42	62.88	64.75	66.08	65.25	54.13	45.63	70.29	70.88	74.96	71.21	71.13	75.46	71.50
7	66.75	67.21	58.71	67.13	67.17	68.13	48.17	72.96	58.88	60.38	74.50	56.25	47.63	72.13	63.75	65.54	68.67	58.25	66.29	44.17	65.08	67.96	74.08	65.25	66.17	67.71	69.96
8	69.88	64.79	60.25	66.21	67.21	61.29	56.38	72.38	67.04	65.58	74.50	64.50	54.58	73.00	65.79	53.71	74.42	60.17	70.67	47.25	54.42	70.83	74.50	60.50	66.00	63.71	74.38
9	68.33	61.21	59.29	72.54	69.63	55.46	68.38	71.29	68.33	71.38	74.88	63.33	65.25	73.13	68.42	57.13	73.50	70.08	71.71	50.54	65.42	69.17	74.54	56.00	68.63	56.88	60.67
10	68.71	65.75	65.58	74.33	54.75	55.33	69.38	73.13	68.08	71.46	74.75	67.96	67.71	72.50	59.25	63.88	73.54	72.83	66.58	52.67	66.42	69.67	73.25	54.88	68.58	59.79	51.29
11	68.67	57.42	61.25	64.33	49.46	61.00	70.25	72.21	69.63	71.83	74.88	64.38	56.96	63.54	56.63	68.71	74.29	68.63	57.13	51.29	67.71	72.13	70.71	54.58	68.96	66.71	51.79
12	71.71	50.88	48.21	58.63	58.21	65.54	65.08	74.63	70.88	71.17	75.63	59.13	54.04	52.92	53.96	69.58	73.08	58.17	69.92	56.88	69.50	72.88	64.04	52.00	72.42	70.96	61.29
13	70.79	51.83	54.67	59.42	64.96	67.83	63.92	72.00	71.83	72.92	74.00	66.79	62.71	62.54	55.67	70.79	71.83	56.00	72.75	45.96	68.46	64.04	62.46	55.88	73.67	68.79	54.75
14	71.83	60.33	62.33	59.25	68.21	61.63	56.92	61.63	67.38	72.17	76.54	58.46	65.25	53.17	58.46	71.38	72.42	65.88	73.04	39.42	68.54	58.63	71.71	54.92	75.13	68.42	62.79
15	61.58	63.67	61.08	61.54	70.58	61.67	51.13	56.83	65.42	73.67	75.88	48.63	54.04	44.96	65.75	67.33	75.88	71.46	72.46	43.88	68.83	64.92	67.46	56.21	74.96	68.25	67.04
16	53.17	69.00	54.54	65.96	69.13	61.29	56.38	54.38	62.42	72.67	75.71	50.96	63.63	55.00	57.38	68.88	66.38	70.17	68.63	52.29	71.46	69.04	56.71	59.04	74.50	66.13	65.25
17	55.00	70.08	55.67	66.08	70.79	66.79	55.71	57.00	61.54	61.75	73.42	55.21	57.88	58.96	58.63	73.33	47.25	70.42	67.54	61.71	68.21	70.50	56.54	64.08	74.92	72.08	66.96

18	57.79	69.21	61.79	62.29	71.38	69.08	56.42	56.88	63.58	47.17	68.38	64.54	51.83	59.92	61.21	73.54	56.92	70.63	69.21	61.25	61.08	70.13	59.04	57.79	68.96	75.13	69.42
19	55.67	70.17	60.54	56.00	70.58	49.08	55.33	65.67	66.33	50.79	63.63	67.96	55.04	57.67	56.63	71.13	62.17	69.08	59.08	53.58	64.46	62.75	61.75	61.25	56.38	75.04	70.13
20	60.29	69.17	63.79	59.71	58.58	38.29	62.08	71.50	64.04	40.83	61.17	64.33	48.21	48.79	54.83	70.71	65.54	65.58	53.63	50.58	69.29	69.13	71.21	65.58	62.13	71.42	70.50
21	62.88	67.42	62.54	62.63	49.42	48.29	66.63	72.33	70.71	46.71	59.58	54.38	49.96	53.88	50.13	74.38	65.79	68.00	50.63	54.21	70.67	57.25	74.46	69.04	71.25	64.75	72.88
22	61.54	70.42	55.54	61.50	49.00	60.08	71.67	70.79	70.04	54.17	62.04	56.17	58.21	65.79	48.04	74.58	60.79	55.88	54.58	59.96	71.33	51.13	74.17	70.54	74.63	62.92	68.58
23	61.88	69.75	52.67	58.54	47.67	62.29	71.67	70.54	62.75	56.00	68.50	61.96	61.88	66.79	52.00	71.63	66.08	61.00	60.63	59.25	72.17	53.04	73.96	73.54	75.71	70.08	70.08
24	66.08	68.83	48.63	56.13	42.79	63.67	72.54	71.67	53.46	57.29	66.04	69.08	61.79	54.96	57.75	74.54	66.92	72.79	67.50	53.50	72.54	60.96	63.75	73.42	75.13	72.13	69.08
25	58.83	67.83	52.21	53.96	42.79	62.38	70.42	70.88	49.46	58.25	53.67	59.92	54.54	52.38	63.50	72.96	65.63	74.04	68.25	58.42	71.42	66.04	61.04	61.58	75.42	73.79	64.08
26	64.17	68.46	50.04	53.79	48.21	64.63	68.17	61.46	47.92	59.71	51.21	50.63	58.25	49.00	55.46	62.58	63.96	74.58	56.83	50.04	69.08	65.75	66.50	63.08	75.92	74.33	62.21
27	69.04	68.83	53.13	55.83	49.46	67.67	64.54	58.92	58.88	61.63	51.08	53.13	60.29	50.29	53.88	52.79	67.75	72.04	53.25	43.00	67.67	51.83	64.38	70.21	76.00	72.38	67.67
28	68.71	63.67	61.58	60.00	47.71	69.42	46.79	63.25	60.58	63.46	59.33	51.92	62.04	56.79	57.33	62.54	72.63	71.00	54.00	41.75	56.13	56.96	71.13	71.00	76.08	71.58	64.79
29	63.88	58.75	63.42	66.38	54.21	71.63	53.92	66.96	55.83	51.25	67.58	51.63	65.42	61.92	63.75	69.54	72.58	68.88	48.88	46.21	56.42	65.75	69.46	70.42	76.29	68.83	58.92
30	56.04	59.46	59.83	68.17	63.38	70.83	53.33	57.50	57.92	45.58	63.67	57.75	66.83	64.58	59.58	74.04	72.63	65.54	57.33	59.79	62.67	48.46	62.46	69.29	76.04	56.92	56.96
31	55.38	67.67	53.00	66.17	66.67	70.00	57.88	55.71	62.96	37.50	57.96	67.96	68.71	66.92	64.75	75.83	74.04	62.63	64.83	66.92	67.25	57.42	63.46	62.67	74.92	59.38	61.00
Grand Total	**73.34**	**71.60**	**71.97**	**73.06**	**72.42**	**71.71**	**73.22**	**73.90**	**72.75**	**72.49**	**72.62**	**72.93**	**72.39**	**72.36**	**72.16**	**73.05**	**73.78**	**72.97**	**73.35**	**70.93**	**73.98**	**74.01**	**73.57**	**72.18**	**74.81**	**74.01**	**75.11**

Saint Petersburg / Clearwater: St Pete-CLWTR Florida International Airport

2018	2019	2020	Grand Total	Rank	Month	Day of Month	Normal Daily Temperature	NCDD_D_65_Avg	NHDD_D_59_Avg	NCDD_D_75_Avg	NHDD_D_65_Avg	NHDD_D_50_Avg
								Weather Splines for Normal Weather Forecast Scenarios				
57.35	**59.93**	**65.34**	**60.82**									
53.63	69.50	63.33	64.30	2	1.0	1	**64.30**	**0.00**	**0.00**	**0.00**	**0.70**	**0.00**
45.88	70.71	69.42	64.34	1	1.0	2	**64.34**	**0.00**	**0.00**	**0.00**	**0.66**	**0.00**
46.79	70.38	75.92	61.65	9	1.0	3	**61.65**	**0.00**	**0.00**	**0.00**	**3.35**	**0.00**
47.13	69.50	71.79	59.73	25	1.0	4	**59.73**	**0.00**	**0.00**	**0.00**	**5.27**	**0.00**
46.33	61.50	58.54	59.83	24	1.0	5	**59.83**	**0.00**	**0.00**	**0.00**	**5.17**	**0.00**
49.38	60.08	57.79	61.57	11	1.0	6	**61.57**	**0.00**	**0.00**	**0.00**	**3.43**	**0.00**
53.75	64.38	59.67	60.52	15	1.0	7	**60.52**	**0.00**	**0.00**	**0.00**	**4.48**	**0.00**
60.63	64.21	61.08	60.12	18	1.0	8	**60.12**	**0.00**	**0.00**	**0.00**	**4.88**	**0.00**
65.04	62.58	66.42	60.04	19	1.0	9	**60.04**	**0.00**	**0.00**	**0.00**	**4.96**	**0.00**
67.67	53.67	72.29	61.35	13	1.0	10	**61.35**	**0.00**	**0.00**	**0.00**	**3.65**	**0.00**
67.25	58.38	74.71	61.67	8	1.0	11	**61.67**	**0.00**	**0.00**	**0.00**	**3.33**	**0.00**
67.38	65.79	75.50	63.02	3	1.0	12	**63.02**	**0.00**	**0.00**	**0.00**	**1.98**	**0.00**
55.25	66.75	75.04	61.76	7	1.0	13	**61.76**	**0.00**	**0.00**	**0.00**	**3.24**	**0.00**
48.50	59.21	73.63	59.98	21	1.0	14	**59.98**	**0.00**	**0.00**	**0.00**	**5.02**	**0.00**
54.04	52.75	73.25	59.58	28	1.0	15	**59.58**	**0.00**	**0.00**	**0.00**	**5.42**	**0.00**
57.46	51.46	72.04	60.26	16	1.0	16	**60.26**	**0.00**	**0.00**	**0.00**	**4.74**	**0.00**
51.96	56.63	72.96	59.58	27	1.0	17	**59.58**	**0.00**	**0.00**	**0.00**	**5.42**	**0.00**
40.46	59.25	70.83	58.49	30	1.0	18	**58.49**	**0.00**	**0.51**	**0.00**	**6.51**	**0.00**
50.42	65.17	70.13	60.23	17	1.0	19	**60.23**	**0.00**	**0.00**	**0.00**	**4.77**	**0.00**
56.54	58.63	55.67	59.03	29	1.0	20	**59.03**	**0.00**	**0.00**	**0.00**	**5.97**	**0.00**
64.54	52.13	49.04	59.67	26	1.0	21	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**
67.58	61.21	48.17	61.57	10	1.0	22	**61.57**	**0.00**	**0.00**	**0.00**	**3.43**	**0.00**
67.46	68.79	60.79	62.02	5	1.0	23	**62.02**	**0.00**	**0.00**	**0.00**	**2.98**	**0.00**
57.08	66.21	67.58	59.97	22	1.0	24	**59.97**	**0.00**	**0.00**	**0.00**	**5.03**	**0.00**
58.46	54.21	61.38	58.41	31	1.0	25	**58.41**	**0.00**	**0.59**	**0.00**	**6.59**	**0.00**
62.71	54.79	58.75	59.95	23	1.0	26	**59.95**	**0.00**	**0.00**	**0.00**	**5.05**	**0.00**
67.92	51.04	62.42	61.15	14	1.0	27	**61.15**	**0.00**	**0.00**	**0.00**	**3.85**	**0.00**
68.33	50.29	61.71	61.38	12	1.0	28	**61.38**	**0.00**	**0.00**	**0.00**	**3.62**	**0.00**
65.17	52.33	61.71	62.47	4	1.0	29	**62.47**	**0.00**	**0.00**	**0.00**	**2.53**	**0.00**
56.96	52.79	60.67	61.86	6	1.0	30	**61.86**	**0.00**	**0.00**	**0.00**	**3.14**	**0.00**
56.25	53.54	63.42	60.01	20	1.0	31	**60.01**	**0.00**	**0.00**	**0.00**	**4.99**	**0.00**
71.56	**69.01**	**67.12**	**63.44**									
61.04	63.38	62.08	61.60	23	2.0	1	**61.60**	**0.00**	**0.00**	**0.00**	**3.40**	**0.00**
63.21	66.96	56.83	63.05	13	2.0	2	**63.05**	**0.00**	**0.00**	**0.00**	**1.95**	**0.00**

63.00	65.46	58.88	62.38	18	2.0	3	**62.38**	**0.00**	**0.00**	**0.00**	**2.62**	**0.00**
66.29	63.29	63.79	62.25	20	2.0	4	**62.25**	**0.00**	**0.00**	**0.00**	**2.75**	**0.00**
65.42	63.17	71.38	61.10	25	2.0	5	**61.10**	**0.00**	**0.00**	**0.00**	**3.90**	**0.00**
67.79	66.50	75.63	61.85	21	2.0	6	**61.85**	**0.00**	**0.00**	**0.00**	**3.15**	**0.00**
71.08	67.58	61.00	61.62	22	2.0	7	**61.62**	**0.00**	**0.00**	**0.00**	**3.38**	**0.00**
70.04	68.79	60.42	60.11	28	2.0	8	**60.11**	**0.00**	**0.00**	**0.00**	**4.89**	**0.00**
70.75	67.88	67.33	60.92	27	2.0	9	**60.92**	**0.00**	**0.00**	**0.00**	**4.08**	**0.00**
73.21	70.29	72.33	62.53	17	2.0	10	**62.53**	**0.00**	**0.00**	**0.00**	**2.47**	**0.00**
74.75	71.88	74.42	62.76	16	2.0	11	**62.76**	**0.00**	**0.00**	**0.00**	**2.24**	**0.00**
74.75	73.79	74.92	62.27	19	2.0	12	**62.27**	**0.00**	**0.00**	**0.00**	**2.73**	**0.00**
75.25	59.88	76.33	61.08	26	2.0	13	**61.08**	**0.00**	**0.00**	**0.00**	**3.92**	**0.00**
71.42	59.96	71.46	61.18	24	2.0	14	**61.18**	**0.00**	**0.00**	**0.00**	**3.82**	**0.00**
71.42	64.92	66.50	63.58	10	2.0	15	**63.58**	**0.00**	**0.00**	**0.00**	**1.42**	**0.00**
70.75	67.21	71.75	63.04	14	2.0	16	**63.04**	**0.00**	**0.00**	**0.00**	**1.96**	**0.00**
69.58	72.83	74.04	62.91	15	2.0	17	**62.91**	**0.00**	**0.00**	**0.00**	**2.09**	**0.00**
68.83	74.88	75.67	63.39	12	2.0	18	**63.39**	**0.00**	**0.00**	**0.00**	**1.61**	**0.00**
76.00	73.83	75.50	64.50	8	2.0	19	**64.50**	**0.00**	**0.00**	**0.00**	**0.50**	**0.00**
77.46	75.88	75.54	65.47	7	2.0	20	**65.47**	**0.47**	**0.00**	**0.00**	**0.00**	**0.00**
77.71	74.88	57.79	66.23	6	2.0	21	**66.23**	**1.23**	**0.00**	**0.00**	**0.00**	**0.00**
76.54	75.63	56.75	67.63	1	2.0	22	**67.63**	**2.63**	**0.00**	**0.00**	**0.00**	**0.00**
75.67	76.00	63.88	67.47	2	2.0	23	**67.47**	**2.47**	**0.00**	**0.00**	**0.00**	**0.00**
74.21	74.83	69.71	66.61	3	2.0	24	**66.61**	**1.61**	**0.00**	**0.00**	**0.00**	**0.00**
75.58	68.83	72.50	66.48	4	2.0	25	**66.48**	**1.48**	**0.00**	**0.00**	**0.00**	**0.00**
74.71	67.83	69.54	66.47	5	2.0	26	**66.47**	**1.47**	**0.00**	**0.00**	**0.00**	**0.00**
74.29	68.46	55.79	63.48	11	2.0	27	**63.48**	**0.00**	**0.00**	**0.00**	**1.52**	**0.00**
73.00	67.33	55.33	64.09	9	2.0	28	**64.09**	**0.00**	**0.00**	**0.00**	**0.91**	**0.00**
		59.42	64.12									
65.71	**67.15**	**73.82**	**67.39**									
74.83	69.54	59.29	66.42	20	3.0	1	**66.42**	**1.42**	**0.00**	**0.00**	**0.00**	**0.00**
72.29	70.54	68.21	66.80	17	3.0	2	**66.80**	**1.80**	**0.00**	**0.00**	**0.00**	**0.00**
65.75	70.04	72.46	65.48	26	3.0	3	**65.48**	**0.48**	**0.00**	**0.00**	**0.00**	**0.00**
65.21	69.33	75.63	64.06	31	3.0	4	**64.06**	**0.00**	**0.00**	**0.00**	**0.94**	**0.00**
62.79	57.50	77.75	64.09	30	3.0	5	**64.09**	**0.00**	**0.00**	**0.00**	**0.91**	**0.00**
64.67	52.79	67.25	65.14	29	3.0	6	**65.14**	**0.14**	**0.00**	**0.00**	**0.00**	**0.00**
67.04	58.58	60.54	65.80	23	3.0	7	**65.80**	**0.80**	**0.00**	**0.00**	**0.00**	**0.00**
57.33	65.00	62.96	65.21	28	3.0	8	**65.21**	**0.21**	**0.00**	**0.00**	**0.00**	**0.00**
57.71	70.38	69.00	65.53	25	3.0	9	**65.53**	**0.53**	**0.00**	**0.00**	**0.00**	**0.00**
60.75	72.08	72.25	65.70	24	3.0	10	**65.70**	**0.70**	**0.00**	**0.00**	**0.00**	**0.00**
69.21	71.33	70.04	65.42	27	3.0	11	**65.42**	**0.42**	**0.00**	**0.00**	**0.00**	**0.00**
65.88	69.29	72.21	66.44	19	3.0	12	**66.44**	**1.44**	**0.00**	**0.00**	**0.00**	**0.00**
55.58	71.67	74.00	66.18	22	3.0	13	**66.18**	**1.18**	**0.00**	**0.00**	**0.00**	**0.00**
55.79	72.58	74.38	66.21	21	3.0	14	**66.21**	**1.21**	**0.00**	**0.00**	**0.00**	**0.00**
57.29	73.42	75.79	66.72	18	3.0	15	**66.72**	**1.72**	**0.00**	**0.00**	**0.00**	**0.00**
57.21	72.04	76.92	67.87	14	3.0	16	**67.87**	**2.87**	**0.00**	**0.00**	**0.00**	**0.00**
63.38	67.08	76.04	67.92	13	3.0	17	**67.92**	**2.92**	**0.00**	**0.00**	**0.00**	**0.00**
69.83	64.21	77.58	68.30	11	3.0	18	**68.30**	**3.30**	**0.00**	**0.00**	**0.00**	**0.00**
71.71	59.88	77.17	68.35	10	3.0	19	**68.35**	**3.35**	**0.00**	**0.00**	**0.00**	**0.00**

73.46	64.63	76.63	68.75	9	3.0	20	**68.75**	**3.75**	**0.00**	**0.00**	**0.00**	**0.00**
63.88	64.33	77.17	67.39	15	3.0	21	**67.39**	**2.39**	**0.00**	**0.00**	**0.00**	**0.00**
59.50	63.88	77.46	67.30	16	3.0	22	**67.30**	**2.30**	**0.00**	**0.00**	**0.00**	**0.00**
61.63	61.88	77.08	68.00	12	3.0	23	**68.00**	**3.00**	**0.00**	**0.00**	**0.00**	**0.00**
65.04	68.83	75.67	69.21	8	3.0	24	**69.21**	**4.21**	**0.00**	**0.00**	**0.00**	**0.00**
67.29	70.63	78.42	69.67	7	3.0	25	**69.67**	**4.67**	**0.00**	**0.00**	**0.00**	**0.00**
70.96	69.79	78.58	69.87	5	3.0	26	**69.87**	**4.87**	**0.00**	**0.00**	**0.00**	**0.00**
72.92	64.54	77.54	69.81	6	3.0	27	**69.81**	**4.81**	**0.00**	**0.00**	**0.00**	**0.00**
71.00	66.46	77.04	69.94	4	3.0	28	**69.94**	**4.94**	**0.00**	**0.00**	**0.00**	**0.00**
73.17	68.17	77.63	70.23	3	3.0	29	**70.23**	**5.23**	**0.00**	**0.00**	**0.00**	**0.00**
73.50	70.79	77.08	70.56	2	3.0	30	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**
70.42	70.33	78.71	70.71	1	3.0	31	**70.71**	**5.71**	**0.00**	**0.00**	**0.00**	**0.00**
73.68	**73.12**	**76.21**	**72.71**									
73.08	68.29	70.88	69.77	30	4.0	1	**69.77**	**4.77**	**0.00**	**0.00**	**0.00**	**0.00**
73.71	66.13	69.17	69.82	29	4.0	2	**69.82**	**4.82**	**0.00**	**0.00**	**0.00**	**0.00**
75.29	67.25	71.79	70.36	28	4.0	3	**70.36**	**5.36**	**0.00**	**0.00**	**0.00**	**0.00**
73.88	72.46	74.17	71.67	22	4.0	4	**71.67**	**6.67**	**0.00**	**0.00**	**0.00**	**0.00**
71.54	73.38	68.75	70.98	27	4.0	5	**70.98**	**5.98**	**0.00**	**0.00**	**0.00**	**0.00**
74.04	75.92	73.50	71.14	26	4.0	6	**71.14**	**6.14**	**0.00**	**0.00**	**0.00**	**0.00**
73.58	77.08	76.25	71.34	25	4.0	7	**71.34**	**6.34**	**0.00**	**0.00**	**0.00**	**0.00**
73.88	75.33	76.88	72.17	18	4.0	8	**72.17**	**7.17**	**0.00**	**0.00**	**0.00**	**0.00**
78.63	74.96	79.46	71.97	20	4.0	9	**71.97**	**6.97**	**0.00**	**0.00**	**0.00**	**0.00**
73.58	71.92	78.88	71.91	21	4.0	10	**71.91**	**6.91**	**0.00**	**0.00**	**0.00**	**0.00**
69.38	74.33	75.79	72.84	15	4.0	11	**72.84**	**7.84**	**0.00**	**0.00**	**0.00**	**0.00**
71.50	76.96	82.92	73.51	10	4.0	12	**73.51**	**8.51**	**0.00**	**0.00**	**0.00**	**0.00**
75.33	79.00	84.00	73.79	9	4.0	13	**73.79**	**8.79**	**0.00**	**0.00**	**0.00**	**0.00**
76.75	78.21	82.46	72.89	14	4.0	14	**72.89**	**7.89**	**0.00**	**0.00**	**0.00**	**0.00**
74.63	69.13	80.58	72.43	17	4.0	15	**72.43**	**7.43**	**0.00**	**0.00**	**0.00**	**0.00**
64.67	71.13	68.83	71.45	24	4.0	16	**71.45**	**6.45**	**0.00**	**0.00**	**0.00**	**0.00**
65.96	73.29	75.38	71.61	23	4.0	17	**71.61**	**6.61**	**0.00**	**0.00**	**0.00**	**0.00**
70.04	77.13	75.50	72.06	19	4.0	18	**72.06**	**7.06**	**0.00**	**0.00**	**0.00**	**0.00**
70.67	74.33	80.00	72.76	16	4.0	19	**72.76**	**7.76**	**0.00**	**0.00**	**0.00**	**0.00**
71.88	67.25	78.63	72.94	13	4.0	20	**72.94**	**7.94**	**0.00**	**0.00**	**0.00**	**0.00**
75.54	66.38	74.50	73.06	12	4.0	21	**73.06**	**8.06**	**0.00**	**0.00**	**0.00**	**0.00**
77.33	68.63	76.71	73.45	11	4.0	22	**73.45**	**8.45**	**0.00**	**0.00**	**0.00**	**0.00**
77.67	70.96	80.83	73.81	8	4.0	23	**73.81**	**8.81**	**0.00**	**0.00**	**0.00**	**0.00**
76.08	72.04	74.50	73.82	7	4.0	24	**73.82**	**8.82**	**0.00**	**0.00**	**0.00**	**0.00**
73.96	73.46	78.58	74.08	6	4.0	25	**74.08**	**9.08**	**0.00**	**0.00**	**0.00**	**0.00**
72.92	73.83	78.96	74.77	5	4.0	26	**74.77**	**9.77**	**0.00**	**0.00**	**0.00**	**0.00**
75.00	73.25	72.13	75.02	3	4.0	27	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**
73.50	74.75	74.96	74.87	4	4.0	28	**74.87**	**9.87**	**0.00**	**0.00**	**0.00**	**0.00**
76.96	78.04	77.42	75.76	1	4.0	29	**75.76**	**10.76**	**0.00**	**0.76**	**0.00**	**0.00**
79.29	78.63	73.83	75.23	2	4.0	30	**75.23**	**10.23**	**0.00**	**0.23**	**0.00**	**0.00**
78.27	**79.55**	**78.60**	**78.13**									
77.96	78.50	71.33	75.22	31	5.0	1	**75.22**	**10.22**	**0.00**	**0.22**	**0.00**	**0.00**
77.96	77.00	75.13	76.24	28	5.0	2	**76.24**	**11.24**	**0.00**	**1.24**	**0.00**	**0.00**
78.33	76.54	76.63	76.46	26	5.0	3	**76.46**	**11.46**	**0.00**	**1.46**	**0.00**	**0.00**

78.42	78.33	76.92	76.48	25	5.0	4	**76.48**	**11.48**	**0.00**	**1.48**	**0.00**	**0.00**
78.29	77.17	76.29	76.23	29	5.0	5	**76.23**	**11.23**	**0.00**	**1.23**	**0.00**	**0.00**
79.08	77.38	77.33	76.27	27	5.0	6	**76.27**	**11.27**	**0.00**	**1.27**	**0.00**	**0.00**
79.92	79.04	72.63	76.03	30	5.0	7	**76.03**	**11.03**	**0.00**	**1.03**	**0.00**	**0.00**
79.83	80.33	71.88	76.65	24	5.0	8	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**
79.71	78.88	78.00	77.72	23	5.0	9	**77.72**	**12.72**	**0.00**	**2.72**	**0.00**	**0.00**
79.54	78.71	74.67	78.03	17	5.0	10	**78.03**	**13.03**	**0.00**	**3.03**	**0.00**	**0.00**
80.83	79.00	76.25	78.72	10	5.0	11	**78.72**	**13.72**	**0.00**	**3.72**	**0.00**	**0.00**
80.79	79.92	77.63	78.26	14	5.0	12	**78.26**	**13.26**	**0.00**	**3.26**	**0.00**	**0.00**
76.54	77.29	79.04	78.16	15	5.0	13	**78.16**	**13.16**	**0.00**	**3.16**	**0.00**	**0.00**
74.08	75.21	79.08	77.92	19	5.0	14	**77.92**	**12.92**	**0.00**	**2.91**	**0.00**	**0.00**
79.17	76.79	80.04	78.39	12	5.0	15	**78.39**	**13.39**	**0.00**	**3.39**	**0.00**	**0.00**
79.08	78.92	81.25	77.76	22	5.0	16	**77.76**	**12.76**	**0.00**	**2.76**	**0.00**	**0.00**
80.21	79.13	80.71	78.13	16	5.0	17	**78.13**	**13.13**	**0.00**	**3.13**	**0.00**	**0.00**
80.04	78.46	76.04	78.33	13	5.0	18	**78.33**	**13.33**	**0.00**	**3.33**	**0.00**	**0.00**
78.17	79.63	78.92	77.97	18	5.0	19	**77.97**	**12.97**	**0.00**	**2.97**	**0.00**	**0.00**
75.04	80.88	79.42	77.90	20	5.0	20	**77.90**	**12.90**	**0.00**	**2.90**	**0.00**	**0.00**
77.08	81.29	81.88	77.88	21	5.0	21	**77.88**	**12.88**	**0.00**	**2.88**	**0.00**	**0.00**
78.04	82.96	81.25	78.43	11	5.0	22	**78.43**	**13.43**	**0.00**	**3.43**	**0.00**	**0.00**
79.33	81.13	81.83	79.11	9	5.0	23	**79.11**	**14.11**	**0.00**	**4.11**	**0.00**	**0.00**
78.58	80.54	80.38	79.61	7	5.0	24	**79.61**	**14.61**	**0.00**	**4.61**	**0.00**	**0.00**
76.83	80.88	78.25	79.78	6	5.0	25	**79.78**	**14.78**	**0.00**	**4.78**	**0.00**	**0.00**
73.58	80.83	80.96	79.37	8	5.0	26	**79.37**	**14.37**	**0.00**	**4.37**	**0.00**	**0.00**
76.92	82.13	83.67	79.84	5	5.0	27	**79.84**	**14.84**	**0.00**	**4.84**	**0.00**	**0.00**
78.75	83.79	82.42	80.22	3	5.0	28	**80.22**	**15.22**	**0.00**	**5.22**	**0.00**	**0.00**
78.46	81.08	81.04	80.11	4	5.0	29	**80.11**	**15.11**	**0.00**	**5.11**	**0.00**	**0.00**
76.17	81.71	82.46	80.29	2	5.0	30	**80.29**	**15.29**	**0.00**	**5.29**	**0.00**	**0.00**
79.58	82.46	83.17	80.58	1	5.0	31	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**
81.26	**81.95**	**83.20**	**81.36**									
79.96	82.58	85.00	79.90	30	6.0	1	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**
80.50	82.71	83.21	79.97	29	6.0	2	**79.97**	**14.97**	**0.00**	**4.97**	**0.00**	**0.00**
81.42	83.29	79.54	80.30	28	6.0	3	**80.30**	**15.30**	**0.00**	**5.30**	**0.00**	**0.00**
82.38	83.83	77.04	80.56	26	6.0	4	**80.56**	**15.56**	**0.00**	**5.56**	**0.00**	**0.00**
82.08	82.71	78.38	80.82	23	6.0	5	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**
77.88	83.04	77.04	80.40	27	6.0	6	**80.40**	**15.40**	**0.00**	**5.40**	**0.00**	**0.00**
79.08	83.33	81.67	80.76	24	6.0	7	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**
78.38	81.96	83.75	80.75	25	6.0	8	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**
80.00	79.33	84.25	80.98	22	6.0	9	**80.98**	**15.98**	**0.00**	**5.98**	**0.00**	**0.00**
80.92	78.38	84.75	81.25	21	6.0	10	**81.25**	**16.25**	**0.00**	**6.25**	**0.00**	**0.00**
80.42	80.88	82.17	81.62	16	6.0	11	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**
78.92	82.17	82.13	81.75	9	6.0	12	**81.75**	**16.75**	**0.00**	**6.75**	**0.00**	**0.00**
81.04	80.13	80.00	81.74	10	6.0	13	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**
80.38	78.71	81.96	81.95	6	6.0	14	**81.95**	**16.95**	**0.00**	**6.95**	**0.00**	**0.00**
81.96	80.04	83.38	82.03	2	6.0	15	**82.03**	**17.03**	**0.00**	**7.03**	**0.00**	**0.00**
80.96	78.38	80.00	81.79	8	6.0	16	**81.79**	**16.79**	**0.00**	**6.79**	**0.00**	**0.00**
83.79	78.83	81.63	82.11	1	6.0	17	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**
83.67	81.50	82.75	81.58	17	6.0	18	**81.58**	**16.58**	**0.00**	**6.58**	**0.00**	**0.00**

82.79	79.71	82.67	81.48	18	6.0	19	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**
83.42	83.88	83.46	81.93	7	6.0	20	**81.93**	**16.93**	**0.00**	**6.93**	**0.00**	**0.00**
82.88	84.33	83.92	81.96	5	6.0	21	**81.96**	**16.96**	**0.00**	**6.96**	**0.00**	**0.00**
83.50	83.58	84.00	82.00	3	6.0	22	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**
84.33	83.83	85.42	82.00	4	6.0	23	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**
82.21	82.83	86.63	81.33	20	6.0	24	**81.33**	**16.33**	**0.00**	**6.33**	**0.00**	**0.00**
80.38	84.96	86.71	81.67	15	6.0	25	**81.67**	**16.67**	**0.00**	**6.67**	**0.00**	**0.00**
82.33	86.29	86.92	81.74	11	6.0	26	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**
82.71	84.38	87.33	81.69	14	6.0	27	**81.69**	**16.69**	**0.00**	**6.69**	**0.00**	**0.00**
81.42	82.25	86.42	81.72	12	6.0	28	**81.72**	**16.72**	**0.00**	**6.72**	**0.00**	**0.00**
80.29	79.33	87.17	81.70	13	6.0	29	**81.70**	**16.70**	**0.00**	**6.70**	**0.00**	**0.00**
77.67	81.46	86.71	81.34	19	6.0	30	**81.34**	**16.34**	**0.00**	**6.34**	**0.00**	**0.00**
81.70	**81.11**	**84.39**	**82.24**									
81.67	84.29	86.67	81.48	31	7.0	1	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**
82.50	84.88	86.88	81.69	29	7.0	2	**81.69**	**16.69**	**0.00**	**6.69**	**0.00**	**0.00**
80.50	83.50	85.50	82.33	13	7.0	3	**82.33**	**17.33**	**0.00**	**7.33**	**0.00**	**0.00**
79.83	82.83	85.50	82.18	19	7.0	4	**82.18**	**17.18**	**0.00**	**7.18**	**0.00**	**0.00**
78.79	82.08	84.58	82.01	23	7.0	5	**82.01**	**17.01**	**0.00**	**7.01**	**0.00**	**0.00**
79.58	81.04	83.79	82.48	9	7.0	6	**82.48**	**17.48**	**0.00**	**7.48**	**0.00**	**0.00**
80.46	79.29	85.21	82.22	18	7.0	7	**82.22**	**17.22**	**0.00**	**7.22**	**0.00**	**0.00**
82.50	79.38	85.71	82.13	21	7.0	8	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**
83.46	79.00	86.63	82.31	16	7.0	9	**82.31**	**17.31**	**0.00**	**7.31**	**0.00**	**0.00**
83.00	80.00	86.58	82.58	5	7.0	10	**82.58**	**17.58**	**0.00**	**7.58**	**0.00**	**0.00**
81.88	80.04	86.58	82.15	20	7.0	11	**82.15**	**17.15**	**0.00**	**7.15**	**0.00**	**0.00**
81.58	78.83	87.46	81.62	30	7.0	12	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**
82.71	81.42	86.25	81.79	28	7.0	13	**81.79**	**16.79**	**0.00**	**6.79**	**0.00**	**0.00**
82.96	84.42	86.92	82.46	10	7.0	14	**82.46**	**17.46**	**0.00**	**7.46**	**0.00**	**0.00**
81.88	83.54	84.04	81.93	24	7.0	15	**81.93**	**16.93**	**0.00**	**6.93**	**0.00**	**0.00**
83.46	83.83	83.33	81.89	25	7.0	16	**81.89**	**16.89**	**0.00**	**6.89**	**0.00**	**0.00**
83.50	81.67	83.67	82.24	17	7.0	17	**82.24**	**17.24**	**0.00**	**7.24**	**0.00**	**0.00**
81.92	81.13	83.63	82.11	22	7.0	18	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**
82.42	81.63	83.46	82.40	11	7.0	19	**82.40**	**17.40**	**0.00**	**7.40**	**0.00**	**0.00**
80.42	81.08	84.33	82.61	4	7.0	20	**82.61**	**17.61**	**0.00**	**7.61**	**0.00**	**0.00**
82.50	79.21	82.79	82.57	7	7.0	21	**82.57**	**17.57**	**0.00**	**7.57**	**0.00**	**0.00**
85.00	79.25	81.88	82.32	14	7.0	22	**82.32**	**17.32**	**0.00**	**7.32**	**0.00**	**0.00**
79.83	80.33	79.21	81.88	26	7.0	23	**81.88**	**16.88**	**0.00**	**6.88**	**0.00**	**0.00**
82.67	78.13	82.75	81.85	27	7.0	24	**81.85**	**16.85**	**0.00**	**6.85**	**0.00**	**0.00**
81.88	76.71	81.38	82.39	12	7.0	25	**82.39**	**17.39**	**0.00**	**7.39**	**0.00**	**0.00**
82.67	77.29	83.75	82.55	8	7.0	26	**82.55**	**17.55**	**0.00**	**7.55**	**0.00**	**0.00**
83.96	79.71	83.67	82.82	2	7.0	27	**82.82**	**17.82**	**0.00**	**7.82**	**0.00**	**0.00**
82.29	82.79	81.63	82.83	1	7.0	28	**82.83**	**17.83**	**0.00**	**7.83**	**0.00**	**0.00**
79.67	81.88	83.00	82.78	3	7.0	29	**82.78**	**17.78**	**0.00**	**7.78**	**0.00**	**0.00**
77.88	82.63	83.54	82.58	6	7.0	30	**82.58**	**17.58**	**0.00**	**7.58**	**0.00**	**0.00**
79.33	82.46	85.79	82.31	15	7.0	31	**82.31**	**17.31**	**0.00**	**7.31**	**0.00**	**0.00**
82.35	**82.93**	**83.61**	**82.39**									
80.71	79.42	87.29	82.07	27	8.0	1	**82.07**	**17.07**	**0.00**	**7.07**	**0.00**	**0.00**
80.88	78.96	84.79	81.74	30	8.0	2	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**

81.50	80.83	85.08	82.13	20	8.0	3	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**
84.25	82.88	85.58	82.72	7	8.0	4	**82.72**	**17.72**	**0.00**	**7.72**	**0.00**	**0.00**
82.96	82.04	83.71	82.81	3	8.0	5	**82.81**	**17.81**	**0.00**	**7.81**	**0.00**	**0.00**
82.96	83.17	83.58	82.64	10	8.0	6	**82.64**	**17.64**	**0.00**	**7.64**	**0.00**	**0.00**
82.79	81.50	84.75	82.47	14	8.0	7	**82.47**	**17.47**	**0.00**	**7.47**	**0.00**	**0.00**
83.92	83.88	85.33	82.47	15	8.0	8	**82.47**	**17.47**	**0.00**	**7.47**	**0.00**	**0.00**
85.17	84.75	83.42	82.03	28	8.0	9	**82.03**	**17.03**	**0.00**	**7.03**	**0.00**	**0.00**
85.00	85.21	85.25	82.73	5	8.0	10	**82.73**	**17.73**	**0.00**	**7.73**	**0.00**	**0.00**
80.38	84.46	84.21	83.06	2	8.0	11	**83.06**	**18.06**	**0.00**	**8.06**	**0.00**	**0.00**
82.08	84.25	83.42	82.80	4	8.0	12	**82.80**	**17.80**	**0.00**	**7.80**	**0.00**	**0.00**
81.71	81.25	83.25	83.20	1	8.0	13	**83.20**	**18.20**	**0.00**	**8.20**	**0.00**	**0.00**
81.96	82.54	84.13	82.64	9	8.0	14	**82.64**	**17.64**	**0.00**	**7.64**	**0.00**	**0.00**
81.79	81.92	84.63	82.32	17	8.0	15	**82.32**	**17.32**	**0.00**	**7.32**	**0.00**	**0.00**
83.42	78.71	82.96	82.53	11	8.0	16	**82.53**	**17.53**	**0.00**	**7.53**	**0.00**	**0.00**
84.13	78.25	81.96	82.46	16	8.0	17	**82.46**	**17.46**	**0.00**	**7.46**	**0.00**	**0.00**
85.25	81.08	83.21	82.51	12	8.0	18	**82.51**	**17.51**	**0.00**	**7.51**	**0.00**	**0.00**
82.71	82.96	81.04	82.65	8	8.0	19	**82.65**	**17.65**	**0.00**	**7.65**	**0.00**	**0.00**
83.13	82.00	81.92	82.72	6	8.0	20	**82.72**	**17.72**	**0.00**	**7.72**	**0.00**	**0.00**
83.25	83.88	80.13	82.50	13	8.0	21	**82.50**	**17.50**	**0.00**	**7.50**	**0.00**	**0.00**
83.63	85.08	80.75	82.11	23	8.0	22	**82.11**	**17.11**	**0.00**	**7.11**	**0.00**	**0.00**
83.58	85.08	82.50	82.21	19	8.0	23	**82.21**	**17.21**	**0.00**	**7.21**	**0.00**	**0.00**
81.17	85.92	83.29	81.96	29	8.0	24	**81.96**	**16.96**	**0.00**	**6.96**	**0.00**	**0.00**
80.92	86.54	86.50	82.10	24	8.0	25	**82.10**	**17.10**	**0.00**	**7.10**	**0.00**	**0.00**
81.08	83.96	85.46	82.13	21	8.0	26	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**
83.58	82.17	85.13	82.09	26	8.0	27	**82.09**	**17.09**	**0.00**	**7.09**	**0.00**	**0.00**
81.67	83.21	83.71	82.28	18	8.0	28	**82.28**	**17.28**	**0.00**	**7.28**	**0.00**	**0.00**
78.50	86.50	84.46	82.09	25	8.0	29	**82.09**	**17.09**	**0.00**	**7.09**	**0.00**	**0.00**
78.21	83.92	79.04	81.73	31	8.0	30	**81.73**	**16.73**	**0.00**	**6.73**	**0.00**	**0.00**
80.63	84.46	81.42	82.13	22	8.0	31	**82.13**	**17.13**	**0.00**	**7.13**	**0.00**	**0.00**
82.40	**83.59**	**81.56**	**80.91**									
83.71	83.50	82.08	82.00	3	9.0	1	**82.00**	**17.00**	**0.00**	**7.00**	**0.00**	**0.00**
81.71	82.63	84.75	81.88	4	9.0	2	**81.88**	**16.88**	**0.00**	**6.88**	**0.00**	**0.00**
80.17	83.21	85.38	82.10	2	9.0	3	**82.10**	**17.10**	**0.00**	**7.10**	**0.00**	**0.00**
81.58	85.38	87.08	82.20	1	9.0	4	**82.20**	**17.20**	**0.00**	**7.20**	**0.00**	**0.00**
83.25	87.96	85.67	81.40	10	9.0	5	**81.40**	**16.40**	**0.00**	**6.40**	**0.00**	**0.00**
80.25	87.50	83.25	81.29	11	9.0	6	**81.29**	**16.29**	**0.00**	**6.29**	**0.00**	**0.00**
79.29	83.38	81.08	80.76	19	9.0	7	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**
80.13	83.88	81.71	80.68	20	9.0	8	**80.68**	**15.68**	**0.00**	**5.68**	**0.00**	**0.00**
79.21	85.38	81.38	80.99	14	9.0	9	**80.99**	**15.99**	**0.00**	**5.99**	**0.00**	**0.00**
80.33	86.33	81.38	81.62	5	9.0	10	**81.62**	**16.62**	**0.00**	**6.62**	**0.00**	**0.00**
83.13	85.58	82.54	81.47	8	9.0	11	**81.47**	**16.47**	**0.00**	**6.47**	**0.00**	**0.00**
84.33	84.92	80.71	80.81	18	9.0	12	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**
81.75	83.88	78.08	80.84	17	9.0	13	**80.84**	**15.84**	**0.00**	**5.84**	**0.00**	**0.00**
82.50	84.00	79.42	81.14	13	9.0	14	**81.14**	**16.14**	**0.00**	**6.14**	**0.00**	**0.00**
84.29	82.42	80.50	81.44	9	9.0	15	**81.44**	**16.44**	**0.00**	**6.44**	**0.00**	**0.00**
84.58	84.17	82.08	81.54	6	9.0	16	**81.54**	**16.54**	**0.00**	**6.54**	**0.00**	**0.00**
84.17	85.33	81.88	81.48	7	9.0	17	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**

83.13	84.29	82.92	81.27	12	9.0	18	**81.27**	**16.27**	**0.00**	**6.27**	**0.00**	**0.00**
83.92	81.50	82.13	80.89	16	9.0	19	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
82.33	80.50	81.71	80.40	24	9.0	20	**80.40**	**15.40**	**0.00**	**5.40**	**0.00**	**0.00**
80.83	81.50	81.83	80.97	15	9.0	21	**80.97**	**15.97**	**0.00**	**5.97**	**0.00**	**0.00**
83.08	81.71	78.88	80.67	21	9.0	22	**80.67**	**15.67**	**0.00**	**5.67**	**0.00**	**0.00**
81.29	81.08	79.58	80.49	22	9.0	23	**80.49**	**15.49**	**0.00**	**5.49**	**0.00**	**0.00**
82.25	80.42	81.17	80.46	23	9.0	24	**80.46**	**15.46**	**0.00**	**5.46**	**0.00**	**0.00**
83.04	81.08	81.96	79.84	28	9.0	25	**79.84**	**14.84**	**0.00**	**4.84**	**0.00**	**0.00**
83.33	81.25	82.00	79.80	29	9.0	26	**79.80**	**14.80**	**0.00**	**4.80**	**0.00**	**0.00**
83.08	82.71	82.17	79.95	27	9.0	27	**79.95**	**14.95**	**0.00**	**4.95**	**0.00**	**0.00**
82.83	83.88	81.42	80.20	25	9.0	28	**80.20**	**15.20**	**0.00**	**5.20**	**0.00**	**0.00**
84.21	83.92	80.25	79.96	26	9.0	29	**79.96**	**14.96**	**0.00**	**4.96**	**0.00**	**0.00**
84.17	84.38	71.71	78.76	30	9.0	30	**78.76**	**13.76**	**0.00**	**3.76**	**0.00**	**0.00**
78.83	**80.90**	**79.37**	**75.89**									
82.63	83.25	75.50	78.58	2	10.0	1	**78.58**	**13.58**	**0.00**	**3.58**	**0.00**	**0.00**
82.42	82.75	76.21	78.39	5	10.0	2	**78.39**	**13.39**	**0.00**	**3.39**	**0.00**	**0.00**
82.17	83.04	75.21	78.66	1	10.0	3	**78.66**	**13.66**	**0.00**	**3.66**	**0.00**	**0.00**
81.92	81.58	74.08	78.55	3	10.0	4	**78.55**	**13.55**	**0.00**	**3.55**	**0.00**	**0.00**
82.42	83.00	78.67	78.04	9	10.0	5	**78.04**	**13.04**	**0.00**	**3.04**	**0.00**	**0.00**
80.92	81.54	82.83	78.12	8	10.0	6	**78.12**	**13.12**	**0.00**	**3.12**	**0.00**	**0.00**
80.71	79.63	83.46	78.47	4	10.0	7	**78.47**	**13.47**	**0.00**	**3.47**	**0.00**	**0.00**
79.75	79.33	82.96	78.29	6	10.0	8	**78.29**	**13.29**	**0.00**	**3.29**	**0.00**	**0.00**
81.75	79.38	83.08	78.24	7	10.0	9	**78.24**	**13.24**	**0.00**	**3.24**	**0.00**	**0.00**
81.29	80.58	82.17	77.83	10	10.0	10	**77.83**	**12.83**	**0.00**	**2.83**	**0.00**	**0.00**
82.21	80.54	80.71	77.48	11	10.0	11	**77.48**	**12.48**	**0.00**	**2.48**	**0.00**	**0.00**
78.25	79.13	79.00	77.07	14	10.0	12	**77.07**	**12.07**	**0.00**	**2.07**	**0.00**	**0.00**
76.92	80.04	79.08	77.37	13	10.0	13	**77.37**	**12.37**	**0.00**	**2.37**	**0.00**	**0.00**
81.25	81.38	81.29	77.42	12	10.0	14	**77.42**	**12.42**	**0.00**	**2.42**	**0.00**	**0.00**
82.71	81.29	79.96	76.14	15	10.0	15	**76.14**	**11.14**	**0.00**	**1.14**	**0.00**	**0.00**
83.25	81.63	81.25	75.49	16	10.0	16	**75.49**	**10.49**	**0.00**	**0.49**	**0.00**	**0.00**
82.75	79.33	79.21	74.53	23	10.0	17	**74.53**	**9.53**	**0.00**	**0.00**	**0.00**	**0.00**
82.33	76.00	78.88	74.64	22	10.0	18	**74.64**	**9.64**	**0.00**	**0.00**	**0.00**	**0.00**
80.96	80.38	77.58	75.02	20	10.0	19	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**
80.46	80.88	79.04	75.28	18	10.0	20	**75.28**	**10.28**	**0.00**	**0.28**	**0.00**	**0.00**
78.13	80.17	78.25	75.09	19	10.0	21	**75.09**	**10.09**	**0.00**	**0.09**	**0.00**	**0.00**
74.92	81.96	78.88	75.29	17	10.0	22	**75.29**	**10.29**	**0.00**	**0.29**	**0.00**	**0.00**
76.25	77.08	79.75	74.92	21	10.0	23	**74.92**	**9.92**	**0.00**	**0.00**	**0.00**	**0.00**
76.96	80.63	79.96	73.28	27	10.0	24	**73.28**	**8.28**	**0.00**	**0.00**	**0.00**	**0.00**
75.92	81.63	80.25	73.43	26	10.0	25	**73.43**	**8.43**	**0.00**	**0.00**	**0.00**	**0.00**
77.29	80.63	81.50	73.61	24	10.0	26	**73.61**	**8.61**	**0.00**	**0.00**	**0.00**	**0.00**
72.58	81.58	82.42	73.51	25	10.0	27	**73.51**	**8.51**	**0.00**	**0.00**	**0.00**	**0.00**
67.04	82.71	81.46	72.41	30	10.0	28	**72.41**	**7.41**	**0.00**	**0.00**	**0.00**	**0.00**
68.83	81.75	80.63	71.78	31	10.0	29	**71.78**	**6.78**	**0.00**	**0.00**	**0.00**	**0.00**
74.38	82.50	72.79	72.69	29	10.0	30	**72.69**	**7.69**	**0.00**	**0.00**	**0.00**	**0.00**
74.29	82.54	74.46	72.99	28	10.0	31	**72.99**	**7.99**	**0.00**	**0.00**	**0.00**	**0.00**
69.73	**69.38**	**73.07**	**68.46**									
75.67	76.50	78.46	73.01	1	11.0	1	**73.01**	**8.01**	**0.00**	**0.00**	**0.00**	**0.00**

74.04	74.58	67.63	71.65	2	11.0	2	**71.65**	**6.65**	**0.00**	**0.00**	**0.00**	**0.00**
66.42	73.33	66.67	70.56	6	11.0	3	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**
72.29	77.71	71.33	70.96	4	11.0	4	**70.96**	**5.96**	**0.00**	**0.00**	**0.00**	**0.00**
76.58	80.00	74.71	71.26	3	11.0	5	**71.26**	**6.26**	**0.00**	**0.00**	**0.00**	**0.00**
75.92	78.25	75.67	70.68	5	11.0	6	**70.68**	**5.68**	**0.00**	**0.00**	**0.00**	**0.00**
76.96	79.13	77.21	69.70	7	11.0	7	**69.70**	**4.70**	**0.00**	**0.00**	**0.00**	**0.00**
78.04	76.29	76.83	69.12	12	11.0	8	**69.12**	**4.12**	**0.00**	**0.00**	**0.00**	**0.00**
77.83	70.08	78.33	68.77	13	11.0	9	**68.77**	**3.77**	**0.00**	**0.00**	**0.00**	**0.00**
75.58	70.00	79.96	69.28	10	11.0	10	**69.28**	**4.28**	**0.00**	**0.00**	**0.00**	**0.00**
75.21	73.00	76.54	69.48	9	11.0	11	**69.48**	**4.48**	**0.00**	**0.00**	**0.00**	**0.00**
77.92	73.96	77.75	69.62	8	11.0	12	**69.62**	**4.62**	**0.00**	**0.00**	**0.00**	**0.00**
77.17	63.42	75.67	69.21	11	11.0	13	**69.21**	**4.21**	**0.00**	**0.00**	**0.00**	**0.00**
77.33	70.00	75.58	68.75	14	11.0	14	**68.75**	**3.75**	**0.00**	**0.00**	**0.00**	**0.00**
66.38	68.96	77.67	67.95	16	11.0	15	**67.95**	**2.95**	**0.00**	**0.00**	**0.00**	**0.00**
57.46	60.96	76.25	67.09	22	11.0	16	**67.09**	**2.09**	**0.00**	**0.00**	**0.00**	**0.00**
61.29	54.54	68.63	66.73	26	11.0	17	**66.73**	**1.73**	**0.00**	**0.00**	**0.00**	**0.00**
67.54	62.38	65.96	66.64	27	11.0	18	**66.64**	**1.64**	**0.00**	**0.00**	**0.00**	**0.00**
71.13	62.46	66.50	67.18	21	11.0	19	**67.18**	**2.18**	**0.00**	**0.00**	**0.00**	**0.00**
70.29	63.25	70.38	67.48	19	11.0	20	**67.48**	**2.48**	**0.00**	**0.00**	**0.00**	**0.00**
65.29	65.79	70.71	68.09	15	11.0	21	**68.09**	**3.09**	**0.00**	**0.00**	**0.00**	**0.00**
63.58	68.04	70.88	67.56	18	11.0	22	**67.56**	**2.56**	**0.00**	**0.00**	**0.00**	**0.00**
68.13	70.25	71.00	66.87	24	11.0	23	**66.87**	**1.87**	**0.00**	**0.00**	**0.00**	**0.00**
71.71	66.25	70.88	67.20	20	11.0	24	**67.20**	**2.20**	**0.00**	**0.00**	**0.00**	**0.00**
69.04	62.38	72.92	67.73	17	11.0	25	**67.73**	**2.73**	**0.00**	**0.00**	**0.00**	**0.00**
72.00	65.33	72.13	66.92	23	11.0	26	**66.92**	**1.92**	**0.00**	**0.00**	**0.00**	**0.00**
58.21	66.58	72.50	66.05	28	11.0	27	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**
51.58	69.96	71.63	65.33	30	11.0	28	**65.33**	**0.33**	**0.00**	**0.00**	**0.00**	**0.00**
56.21	69.21	72.38	66.02	29	11.0	29	**66.02**	**1.02**	**0.00**	**0.00**	**0.00**	**0.00**
65.13	68.67	69.33	66.78	25	11.0	30	**66.78**	**1.78**	**0.00**	**0.00**	**0.00**	**0.00**
63.95	**67.44**	**60.65**	**63.69**									
72.50	72.88	54.08	65.87	2	12.0	1	**65.87**	**0.87**	**0.00**	**0.00**	**0.00**	**0.00**
76.88	64.29	51.92	65.10	7	12.0	2	**65.10**	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**
77.13	53.83	60.42	65.43	6	12.0	3	**65.43**	**0.43**	**0.00**	**0.00**	**0.00**	**0.00**
69.67	59.58	67.46	65.56	5	12.0	4	**65.56**	**0.56**	**0.00**	**0.00**	**0.00**	**0.00**
56.13	60.88	65.38	65.70	3	12.0	5	**65.70**	**0.70**	**0.00**	**0.00**	**0.00**	**0.00**
55.92	61.13	60.46	64.17	11	12.0	6	**64.17**	**0.00**	**0.00**	**0.00**	**0.83**	**0.00**
62.79	63.92	59.71	63.84	15	12.0	7	**63.84**	**0.00**	**0.00**	**0.00**	**1.16**	**0.00**
66.83	69.92	52.04	64.76	9	12.0	8	**64.76**	**0.00**	**0.00**	**0.00**	**0.24**	**0.00**
69.25	70.96	54.38	65.99	1	12.0	9	**65.99**	**0.99**	**0.00**	**0.00**	**0.00**	**0.00**
57.13	72.29	58.71	65.67	4	12.0	10	**65.67**	**0.67**	**0.00**	**0.00**	**0.00**	**0.00**
51.79	71.58	60.42	63.96	13	12.0	11	**63.96**	**0.00**	**0.00**	**0.00**	**1.04**	**0.00**
53.88	70.58	65.50	63.71	17	12.0	12	**63.71**	**0.00**	**0.00**	**0.00**	**1.29**	**0.00**
65.71	71.21	68.25	64.75	10	12.0	13	**64.75**	**0.00**	**0.00**	**0.00**	**0.25**	**0.00**
70.67	69.63	69.92	64.87	8	12.0	14	**64.87**	**0.00**	**0.00**	**0.00**	**0.13**	**0.00**
66.04	65.17	63.50	63.66	19	12.0	15	**63.66**	**0.00**	**0.00**	**0.00**	**1.34**	**0.00**
61.67	71.33	65.79	63.63	20	12.0	16	**63.63**	**0.00**	**0.00**	**0.00**	**1.37**	**0.00**
57.13	74.29	60.54	63.67	18	12.0	17	**63.67**	**0.00**	**0.00**	**0.00**	**1.33**	**0.00**

59.13	59.67	51.13	62.82	22	12.0	18	**62.82**	**0.00**	**0.00**	**0.00**	**2.18**	**0.00**	
59.88	57.63	58.29	61.46	28	12.0	19	**61.46**	**0.00**	**0.00**	**0.00**	**3.54**	**0.00**	
63.67	64.96	63.29	61.43	29	12.0	20	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**	
59.96	68.79	62.75	62.08	27	12.0	21	**62.08**	**0.00**	**0.00**	**0.00**	**2.92**	**0.00**	
55.50	69.88	60.25	62.66	23	12.0	22	**62.66**	**0.00**	**0.00**	**0.00**	**2.34**	**0.00**	
52.79	66.08	61.17	63.74	16	12.0	23	**63.74**	**0.00**	**0.00**	**0.00**	**1.26**	**0.00**	
57.58	62.83	66.75	64.00	12	12.0	24	**64.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	
61.21	69.21	51.38	62.18	26	12.0	25	**62.18**	**0.00**	**0.00**	**0.00**	**2.82**	**0.00**	
64.83	70.38	45.75	60.56	31	12.0	26	**60.56**	**0.00**	**0.00**	**0.00**	**4.44**	**0.00**	
69.71	72.25	53.71	61.04	30	12.0	27	**61.04**	**0.00**	**0.00**	**0.00**	**3.96**	**0.00**	
73.88	73.63	62.50	62.41	25	12.0	28	**62.41**	**0.00**	**0.00**	**0.00**	**2.59**	**0.00**	
71.33	75.54	64.17	63.33	21	12.0	29	**63.33**	**0.00**	**0.00**	**0.00**	**1.68**	**0.00**	
71.04	74.17	66.92	62.62	24	12.0	30	**62.62**	**0.00**	**0.00**	**0.00**	**2.38**	**0.00**	
70.92	62.00	73.46	63.87	14	12.0	31	**63.87**	**0.00**	**0.00**	**0.00**	**1.13**	**0.00**	
73.89	**74.69**	**75.59**	**73.16**										

Sorted by Month and Rank of Average Temperatures 1991 to 2020

Average of
TPAPIE_Actuals_Te
mp_Avg_D

Month	Day	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1.0	2	71.75	65.6	70.6	67.9	65.5	69.3	66.3	58.8	72	69.1	46.8	58.3	64	68	67.4	69.7	64	44.5	67.4	47.8	65.8	60.7	67.7	67.5	67.9	66.5	73.3	45.9	70.7	69.4
1.0	1	73.42	62.8	70.9	62	66.4	67.4	69	50.4	62.9	67.8	42.2	55.2	65.1	67.9	68	67.2	71	66.4	62.4	60	66.5	65.6	66	60.2	64.2	73.4	68.3	53.6	69.5	63.3
1.0	12	68.46	64	74.2	67.2	66	55.7	59.3	62.9	58.8	62.3	59.3	59.8	51.8	53.3	70.2	67.1	67.2	69.9	65.1	44.6	44.8	67.3	73.8	61.9	66.8	54.1	66.5	67.4	65.8	75.5
1.0	29	70.88	68.3	60.3	70.5	67.2	65.3	68.9	55.1	68.8	63.3	63.9	73.5	60	53.3	65.6	66.4	48.1	60	67.4	63.5	59.8	62.5	71.4	52.2	57	56.9	54.8	65.2	52.3	61.7
1.0	23	53.83	67	69.7	58.5	56.8	64.5	64.9	69	74.3	63.4	49.2	74.4	55.1	53.8	52.2	72.1	66.1	68.8	51.6	66	47.6	68.1	57.4	49.1	71.2	52.4	66.5	67.5	68.8	60.8
1.0	30	74.17	65.3	62.4	67.2	57.3	66.5	60	56.6	70.5	64	66.3	75	61.5	57.7	63.5	64.5	49.1	67.4	57	65.3	60	62.8	72.3	46.4	58.3	57.2	57.2	57	52.8	60.7
1.0	13	53.04	70.4	72.8	61.6	69.9	49.9	56.9	68	64.2	64.1	49.7	59.5	55.1	53.9	73.6	67.2	69.1	68.3	60.8	45.2	41.3	56	72.5	62.5	66	55.8	68.4	55.3	66.8	75
1.0	11	73.29	54.3	73.6	67.6	60.5	52.6	56.6	58.8	51	66.8	55.8	56.6	56.5	47.9	67.6	67.4	61.5	69.3	67.5	37.6	54.7	67.5	74	70.5	64.3	52	64.3	67.3	58.4	74.7
1.0	3	71	60	70.8	63	61.6	58.9	63.5	66.8	61.5	69.1	45.7	48.3	58.2	71	66.8	68.4	70.6	40.8	68	41.4	63	47.1	65.9	48.5	74.7	57.8	74.4	46.8	70.4	75.9
1.0	22	50.25	64.9	68.8	53.1	56	60.5	63.1	70.9	72.5	53.1	48	72.4	63.5	53.6	62.6	73.6	70.8	67.9	45.5	67	51.4	66.2	59.9	48.5	68	63.1	75.1	67.6	61.2	48.2
1.0	6	73.25	60.8	69.2	54.1	64.1	60	70.3	73.4	43.8	67.4	53.8	62.7	55.2	65.2	68.1	54.6	76	63.3	70.8	39	60.4	59.4	67.6	58.4	62.1	59.7	67.4	49.4	60.1	57.8
1.0	28	68.42	66.5	55.2	71	64.4	57.6	69.4	57.1	68.5	53.3	58.1	72.7	52.7	51.9	60.8	63.5	61.3	53.6	70.5	58.7	55.2	61.5	71.1	65.3	55	63.8	54.3	68.3	50.3	61.7
1.0	10	71.25	66.9	69.2	61.6	56	55.3	56.5	59.2	56	72.8	44.9	52.9	64.4	48.7	65.7	65.9	54.6	68.8	64	34.6	62.9	68.3	75.7	71.5	54.5	65.4	59.5	67.7	53.7	72.3
1.0	27	63.58	62.8	52.5	70.3	54	65.2	65.9	64.6	67.3	44.3	52.5	70.8	51.7	65.6	63.1	59.4	60.5	60.3	69.5	56.5	50.8	67.3	66.5	63.7	59.1	64.4	61.3	67.9	51	62.4
1.0	7	72.21	59.1	71.3	64.1	67	55.7	69.8	75.8	56.3	68.5	51.4	52	48.3	51.4	68.8	47.2	75.5	68.9	67.9	45.1	56	62.6	63.1	41.6	58.9	60.1	59.2	53.8	64.4	59.7
1.0	16	67.42	47.1	60.7	53.4	56.4	63	62.8	63.8	67.3	57.2	65.2	57.4	55.4	56.5	54	56.1	69	61.9	52.3	69.1	58.7	59.9	71.6	49.1	56.5	65.9	69.3	57.5	51.5	72
1.0	19	68.67	58.1	64.9	48	64.3	58	44.7	63.1	70.1	66	69.5	66	48	60.9	49.2	56	63.5	66.5	63.9	56.1	63.6	59.8	64.3	52.8	57.6	50.4	67.2	50.4	65.2	70.1
1.0	8	72.17	61.5	70.6	60.9	52.7	41.5	70.3	70.4	62.2	64.9	60.2	44.6	51.2	55.9	70.3	51.6	70.2	69.7	62.1	48.8	61	64.1	71.3	48.8	50	66.6	44	60.6	64.2	61.1
1.0	9	66.67	67	68.2	50.6	51.8	43.2	67	64.4	63	66.3	47	48.1	59.3	61.3	68.6	57.7	56.9	67.6	63.8	35.7	54.9	67.1	76.2	63.2	51.2	67	53.4	65	62.6	66.4
1.0	31	70.33	59.6	60	58.8	50	64.3	57.8	56.4	69.6	51.1	68.8	76	61.5	55.5	57.9	58.9	58.3	69.7	51.6	52.8	63.5	66.8	57	54.1	59.5	61.6	55.8	56.3	53.5	63.4
1.0	14	53.71	65.5	63.5	54.3	65.7	52.6	60.1	68.1	67.8	57.5	55.3	62.7	51.7	54.6	64.5	56.8	71.3	57	54.5	54	48.5	50.6	71.7	64.8	63.3	58.6	69.2	48.5	59.2	73.6
1.0	24	66.75	55.5	69.9	61.5	47.4	66.5	68.8	61.7	63	58.5	51.5	72.8	36.5	54.5	42.7	68.7	58.7	64.3	56.5	71.9	58.7	69.6	58.7	49.5	62.8	47	64.5	57.1	66.2	67.6
1.0	26	56.67	52.3	56.1	66	51.3	67.6	62.4	58.9	64.2	45.1	49.1	72.8	52.5	67.3	61.3	56.1	51.5	58.8	65.5	57.6	59.7	71.3	62.7	60.3	61	63.1	71.3	62.7	54.8	58.8
1.0	5	71.21	55.3	72.5	46.3	52.1	55.8	70.1	74.3	40	61.2	46.8	49.8	49.5	69.8	68.4	61.5	74.4	60.7	70	42.5	65	52.6	63.9	66.3	66.1	57.9	64.5	46.3	61.5	58.5
1.0	4	68.54	55.6	72	59.1	53.4	50.2	67.3	72.2	45.9	70.7	42.3	42	47.1	71.5	67.3	60.4	74.6	52.1	69.3	43	61.1	44.1	58.4	56.5	73.3	57.3	68.6	47.1	69.5	71.8
1.0	21	59.08	51.9	70	55.4	54.5	57.9	56.7	62.7	66.4	49.7	42	69.5	57.5	52	61	71.2	67.7	57	42.7	67.2	63.7	65.8	66	62.1	64	58.6	72.1	64.5	52.1	49
1.0	17	58.88	47.6	55.3	64.1	54.3	67	45	58.8	69.8	58.8	67	58.7	51.5	60.7	48.3	66	65.2	67.5	50.1	64.1	60.6	63	63.9	51	59.2	60	69.6	52	56.6	73
1.0	15	63.33	49.6	60.9	53.6	59.6	57.2	63.8	68.3	68	54.1	60.5	61.4	52.1	60.5	58.4	50.8	68.8	53.3	51.2	63.2	56	54.2	70.6	57.3	55.7	66.1	69	54	52.8	73.3
1.0	20	63.08	50.3	66.8	51.9	56.2	51.9	54	57.1	66	65.1	56.8	70.3	55.3	51.1	57.1	67.8	62.7	51.2	53	60.1	61.8	63.8	66.7	57.8	60.2	51.8	70.5	56.5	58.6	55.7
1.0	18	58.79	57.4	58.8	59.1	58.5	68.7	41	61.5	67.9	61.1	68.7	62.7	41.7	63.5	48.3	54.9	63	62.9	55.9	57.3	64	63.3	53.6	50.8	61	52.4	67.4	40.5	59.3	70.8
1.0	25	60.33	48.8	62.3	65	47.8	58.1	65.9	54.1	58.6	50.9	51.6	71.4	47.8	62	51.7	61	52.2	56.8	62	64.5	67.1	72.8	61.2	53.5	54.9	51.7	64.2	58.5	54.2	61.4
2.0	22	72.29	70.6	66.2	73.5	54.8	68.5	71.1	71.2	48.8	64.1	69.8	66.6	71.8	65.9	68.6	69.1	64.7	72.9	61.6	65.5	69.8	68.5	72	72	66	67.5	66.9	76.5	75.6	56.8
2.0	23	69.92	71.3	60.2	74	59	67.3	68.8	64.3	51	66.2	71.1	57.9	62	66.9	70.2	71	65.5	71.1	59.4	65.8	71.5	71.9	73	71	68.2	71.2	68.8	75.7	76	63.9
2.0	24	66.58	70.2	55.7	65	62.9	69.2	69.3	59.6	56.7	67.5	72.7	55.9	62.1	68	69.4	66	65.9	69	59.3	57	69.8	74	71.7	70.7	65.5	69.4	70.5	74.2	74.8	69.7
2.0	25	67.92	68.4	61	63.5	61.6	66.6	69.9	63.5	56	69.4	73.9	60.1	67.5	64.9	67.3	70	68.3	69.7	64.8	48.8	71.3	67	73.7	69.1	64.4	58.4	70.4	75.6	68.8	72.5

2.0	26	64.75	67.5	64.2	63.5	65.5	67.7	72.9	67	59.9	70.8	72.3	62.9	70.1	65.4	63.5	64.1	70.7	72.5	66.8	48.7	72	63.3	71.8	66.7	62.8	55.8	68.7	74.7	67.8	69.5
2.0	21	69.17	63.9	62.5	72.9	62.3	67.7	74.3	62.1	52.5	60	70.8	71.8	71.8	67.7	67.6	64.8	63.1	70.8	55.2	61.7	68.5	63.8	68.3	71.8	58	63.8	69.7	77.7	74.9	57.8
2.0	20	70	66.9	55.3	72.8	62.5	64.8	75.2	64.9	59.5	69.8	69.3	68.3	68.9	59.3	65	63.2	56.5	61.9	55.5	57.9	67.6	63.1	66.1	71.2	46.2	65.1	68.4	77.5	75.9	75.5
2.0	19	69.79	69.1	48.2	69.7	70	59.9	72.8	64.4	67.5	71.4	65.7	63	60.6	53.3	60.1	64.3	49.8	61.2	67.4	52.6	64.5	70.5	64.9	68.3	47.8	64	69.3	76	73.8	75.5
2.0	28	60.21	59.5	53.9	64.9	69.8	69.6	76.5	70.3	66.3	68.3	70.8	45.2	69	55	65.3	59.4	70.1	49.4	68.5	53.5	72.7	74.2	62.9	55.8	61.5	59.7	74.7	73	67.3	55.3
2.0	15	59.83	67.5	60.3	61.3	72.8	62.5	66.6	61.7	56.4	67.8	71.5	62.2	67.4	64.9	67.8	57.4	52.8	60.8	69.5	52.6	58.9	69.3	58.8	58.5	60.3	65.2	70.2	71.4	64.9	66.5
2.0	27	55.71	58.8	55.8	58.4	69.5	68	75.6	70.1	62.4	70.3	70.3	52.3	68.8	50.5	67.9	56.8	70.9	54.4	67.3	49.4	70.8	73.7	65.2	57.9	58.2	54.6	72.5	74.3	68.5	55.8
2.0	18	64.71	70.7	56.8	66.8	71	54.5	66.9	65.8	68.4	69.9	64.2	60	56.7	49.8	59.1	65.5	51.1	69.6	65.5	49.5	67.8	69.7	54	64.4	53.7	62.6	63.8	68.8	74.9	75.7
2.0	2	67.46	54.5	57.4	49.7	60.3	69.1	61	67.9	69.5	57.5	60.1	70	54.9	60.3	62.3	65.7	67.6	60.9	62.5	61.8	69.5	69.1	56	69.4	64	71.7	64.4	63.2	67	56.8
2.0	16	42.29	66.8	68	65.5	71.3	55.2	61.3	68.8	61.9	66.7	71.8	62.1	68.5	54.7	66.4	64.8	48.7	67.4	65	49.4	61.6	70.5	57.9	55.2	63.3	64.1	62.2	70.8	67.2	71.8
2.0	17	52.13	68.8	66.1	64	71.6	42.2	62.5	70.8	67.4	69.6	67.7	60.3	63	54.8	66.2	66.4	48.4	71	60.6	50	65.8	68.8	47.3	60.7	64.7	60.3	59.8	69.6	72.8	74
2.0	11	60.21	60.2	65.9	73.3	65	63	54.6	64.5	71.3	61	71.1	64.3	56.9	67.7	50	57.7	59	63.3	69.3	46.3	51.8	59.5	69.8	63.7	55.5	52.7	64.5	74.8	71.9	74.4
2.0	10	58.38	60.5	60.4	72.9	53.3	61.8	58	56.9	68.8	57.3	70.3	64.3	63.1	67.6	62.7	53.4	60.1	63.3	67	50	62.1	66.5	68.7	61	57	52.5	62.5	73.2	70.3	72.3
2.0	3	69.92	58.8	56.3	48.4	63.1	57.9	65.2	67.7	71.8	57.2	52.4	66	58.5	61	65.2	66.2	58.7	66.3	55	56.4	68.9	70.7	56.5	70.5	55.2	74.8	65.3	63	65.5	58.9
2.0	12	58.75	56	67.9	72.3	64.9	55.4	57.3	62.5	71.3	63.5	71.9	59.7	56	68.9	53.4	47.7	64.6	65.9	68.8	48.5	50.4	44.4	70.8	62.8	56	59.3	65.5	74.8	73.8	74.9
2.0	4	69.25	63.3	60.1	58	57	42.6	69.7	59	71.6	58	55	60.2	64	65.6	51	62.4	56.2	70.5	49.9	63.3	70.3	72.6	56.1	71.2	63.7	68	65.5	66.3	63.3	63.8
2.0	6	70.13	59	62.8	69.1	48.5	49.1	69.3	52.5	65.1	48.8	54	67	62.2	71.6	62.3	57.5	54.8	71.9	49.1	60	61.5	72.7	67.5	64	57.6	52.1	65.8	67.8	66.5	75.6
2.0	7	67.21	54.3	62.8	70.6	52.1	56	69.6	52.1	66	53	62.6	65	63.7	58.9	63.4	59	57	72.8	57.2	49.8	62.5	67.7	69.2	54.5	59.2	51.9	71.3	71.1	67.6	61
2.0	1	61.29	57.1	58.9	53.8	52.3	66.6	57.4	59.7	69.9	53.9	67.8	72.7	56	64.3	60.1	55.9	67	65	55.7	56.7	67.1	68.3	54.5	67	64.5	69.2	59.1	61	63.4	62.1
2.0	14	68.13	63.1	55.9	59.5	66.3	55.1	73.9	55.7	51	67.8	71	60.3	62.2	67.3	64.8	47.8	64.3	53.6	65.9	46.4	54.5	63.3	62.2	53.8	51.3	58.7	68.8	71.4	60	71.5
2.0	5	68.21	64.2	61.7	63.1	54.1	37.5	71.3	56.1	68.3	50	57.3	58.8	59	71.5	55.1	55.8	54.4	72	41.4	67	65.1	71.8	60.5	71.7	61.9	54.9	60.5	65.4	63.2	71.4
2.0	13	63.33	58.5	58.6	69.1	59.7	48.1	69.3	54.8	54.5	66.4	71.9	58.4	58.2	70.6	57.8	46.2	65.6	65.5	67.2	46.8	52.6	50.5	71.1	56.7	50.9	60.1	68.3	75.3	59.9	76.3
2.0	9	59	51.2	54.8	71.4	40.8	60.5	60.2	54	69.5	56.8	68.3	62.1	53.6	60.3	64.2	54.3	59.1	64.6	63.7	60.1	55.2	64.7	64	60.3	60.8	57	71.3	70.8	67.9	67.3
2.0	8	59	53.1	57.5	68.2	48.8	60	69.5	53.5	71.2	56.4	67.7	52.5	55.7	48.5	64.9	51	57.9	68.3	59.8	51	52.3	66.1	66.5	57.3	61.4	55.5	70.5	70	68.8	60.4
3.0	31	64.17	65.1	73.5	65.7	69.8	68.3	72.8	76.4	72.6	77.2	68.8	76.5	53	70.6	75.2	72.2	74.2	73.5	75.2	62.6	69.9	74.6	68.3	63.4	69.1	75.6	73.5	70.4	70.3	78.7
3.0	30	69.29	68.5	70.5	65.3	72.5	72.3	76	74.3	72.3	76.3	69.9	75.3	63.7	67.3	66.9	71.3	73.3	73.3	68	63.1	73.8	75.6	64.3	62.8	62.8	72.8	74.2	73.5	70.8	77.1
3.0	29	77.04	64.1	65.7	66.2	71.5	70.3	75.6	75.8	69.5	72.3	65.6	72.3	71.2	69.8	66.5	67.8	74.3	72	70.7	63.7	72.3	74.8	61.3	69.7	62.7	71.1	74.3	73.2	68.2	77.6
3.0	28	75.29	64.5	64.4	79.6	73.5	70.3	74.6	71.9	64.3	71.5	65.9	68.3	69.8	69	69.5	63.1	72.2	70	77.2	67.9	70.3	74.7	56.3	70.5	61.6	75.1	72.4	71	66.5	77
3.0	26	73.46	64.1	70.6	76.1	73	71.3	74	69.7	68.3	70.8	63.4	74.5	72.4	70.4	75.8	54.9	73.7	62.6	72.4	67	73.3	73	52.9	55.6	74.1	76.3	73	71	69.8	78.6
3.0	27	75.38	63.4	68.2	78.8	72.5	71.7	74	70.5	61.5	72.1	60.5	72	71.3	71.3	75.7	57.3	74.5	66	73.3	68.8	76.5	75.3	50.1	60.8	69.1	76.7	72.4	72.9	64.5	77.5
3.0	25	74.75	68.1	71.8	76.8	71.8	69	75.1	67.3	65.5	70.3	64.8	74.7	68.8	66.9	74.2	55.2	73.3	57.8	70.9	67.9	72.8	75	62.6	65.9	71.4	69	72	67.3	70.6	78.4
3.0	24	72	64.8	70.1	75.4	72.9	66.8	73.4	61	66.2	69.5	64.7	71.5	66.4	64.2	71.7	61.3	73.8	62.4	70	63.5	73.5	75.8	73.3	67.8	70.7	72.5	71.7	65	68.8	75.7
3.0	20	65.38	63.5	64.8	72	64.3	56.1	71.9	66.8	66.2	73.1	64.1	74.8	79.2	71.2	62.7	72.5	67.5	70.1	73.1	62.2	72.7	75.8	66.8	64.9	72.8	70	63.5	73.5	64.6	76.6
3.0	19	66.42	71.5	59.1	70.9	65.5	62.4	72.7	65.8	64.9	71.7	64.7	74.3	77.4	69.5	56.3	68.2	63.4	74	71.9	61	70.5	75.4	70.1	62.7	74.5	70.7	66	71.7	59.9	77.2
3.0	18	68.46	66.7	61	61.6	66.5	71	73.8	72.7	64.8	74	61.9	73.9	74.7	67	57.4	69.3	59.4	73	73.2	58	70	75.1	68.8	65	74.7	72.7	62.8	69.8	64.2	77.6
3.0	23	73.13	66.2	72.3	73.8	72.8	59	71.1	57.8	65.1	68.7	62.6	63.1	64.2	60.5	71.1	66	74.3	70.2	64.6	60.3	70.3	76.2	71	71.7	73.2	67.3	72.8	61.6	61.9	77.1
3.0	17	66.54	59.8	66.8	59.5	68.6	67.7	70	71.2	62.9	72.4	68.3	77.2	71.1	68.4	66.1	68.3	58.5	72	72.3	57.8	68.7	75	65.3	71.4	71.8	74	59.5	63.4	67.1	76
3.0	16	59.58	62.9	61.5	67.5	68.8	65	68.5	67.8	55.8	73.6	73.5	74.6	72.2	69.6	70.9	66.1	69.8	74.8	74.4	56.9	68.3	75	61.7	70.7	73.3	74.8	52.6	57.2	72	76.9
3.0	21	70.58	58.3	66.2	73.8	65.8	52.9	69.5	59.9	66.4	68.8	57.8	74.4	75.8	68.4	66.9	74.6	69.6	67.9	69	64.1	72.4	75.1	58.9	71.7	73.7	58.7	65.7	63.9	64.3	77.2
3.0	22	72.58	59.5	69.3	74.4	71.2	55.5	71.6	53.9	62.3	70.8	59.6	67.5	71.7	64.3	74	68.8	70.9	67.4	67.1	61.9	70.6	76.6	61.4	70.8	73.6	61.9	69.3	59.5	63.9	77.5
3.0	2	75.63	64.3	62	68.5	62.4	58.2	75.6	59.3	64.8	70.9	73	72.3	68.8	71.2	53.3	66.5	73.3	67.4	51.6	62.1	67.5	73.7	53.5	66	71.8	67.4	71.8	72.3	70.5	68.2
3.0	15	62.33	61.3	47	61.2	68	60.6	71.5	62	56.3	71.5	73.4	72.9	73	70	69.7	66	72.3	70.3	74.2	62.2	66.7	75.2	57.4	67	73.2	75.6	54.2	57.3	73.4	75.8
3.0	12	58.88	49.6	67.6	60.8	66.2	53	74.5	49	64.6	68.2	70.8	71.5	75.8	60.7	62.2	73.3	70.5	66	70.1	64	58	73.8	63.8	70.4	77.3	73.7	71.6	65.9	69.3	72.2
3.0	1	72.88	63.7	57.4	69.1	68.6	57.7	76	66.9	63.1	67.5	72.1	58.8	71.5	69.2	60.6	64	74	64	60.7	56.9	72	72.5	56.7	61	70.9	66.8	74.3	74.8	69.5	59.3
3.0	14	69.54	56.6	44	64	69.8	58.5	71.8	56	66.8	67.5	68.8	66.1	72.2	70.3	68.6	73	71.8	61.2	73.7	63.3	63.9	74.7	57	61.4	75	74.3	63.7	55.8	72.6	74.4
3.0	13	66.42	58	54.8	64.1	65.7	54.9	76.4	50.1	67.6	62	71.8	68.3	74	66.8	66.3	73.2	72.3	63.3	72.8	63.9	60.6	72.8	61	59.2	76.8	73.6	67.3	55.6	71.7	74
3.0	7	70.83	71.8	60.7	69.3	74.5	70.8	67.8	71.8	65.3	70.4	55.5	64.4	75.9	70.3	65.1	64.9	63	71.9	67.7	53.8	61.9	70.7	52.4	59	61.1	66.5	70.7	67	58.6	60.5

3.0	10	55.29	69.5	63.1	66.5	57	49.3	73.5	52.3	68.1	70.8	64.6	68.3	70.9	57.7	55.2	71.2	69	64.3	68.7	66.7	62.2	71.1	67.8	64	75.5	73.5	70	60.8	72.1	72.3
3.0	9	64.63	68.3	65.3	72.3	57.5	43.2	73.2	65.2	65.2	71.1	59	69.8	74.1	60.1	51.5	65.8	68.4	56.7	69	60.1	72.6	73.7	63.2	62.8	73	72.5	70.8	57.7	70.4	69
3.0	3	72.63	66.1	70.7	57.4	62.3	59.7	76	58.9	63.7	70.7	75.2	69.4	63.7	73.1	49.8	69	61.1	71.6	51.5	52.1	67.6	75.7	47.6	68.3	71.7	64.8	65.8	65.8	70	72.5
3.0	11	54.04	55.7	63.3	54.3	60.9	47.5	72.9	49	64	72.5	63.3	69.1	71.5	57.6	61.6	73.4	71.3	69.1	69.7	68.3	55.2	72.2	68.7	66.3	76.8	72.7	71.3	69.2	71.3	70
3.0	8	72.13	69.2	61	70.5	68.6	51.8	71.8	75.4	63.8	68.9	56.3	69.7	72.3	62.5	64.7	60.4	64.6	60.3	68.7	56	66.7	74	57.8	55	68.3	70.3	70.4	57.3	65	63
3.0	6	64.54	72.4	60.8	64.6	73.3	71.3	73.5	69.3	65.8	66.1	57.4	62	75	71.1	62.9	63.3	59.1	62.4	65.6	52.6	67.7	66	58.8	65.2	66.2	63.5	68.9	64.7	52.8	67.3
3.0	5	58.92	72.1	63	62.1	70.2	67.5	74.7	62.9	59	64.3	61	50	74.4	73	57.8	62.2	54.5	64.2	64.3	49.6	69.8	60.8	59.4	67.5	72.5	61.1	68	62.8	57.5	77.8
3.0	4	60.5	65.8	64	57.8	67.3	64	74.9	54.8	54.3	71.7	70.3	50	66.9	72.7	56.1	65.3	60.4	71.4	55.6	49.8	68.5	64.1	51.9	69.1	72.5	66	65.8	65.2	69.3	75.6
4.0	29	82.58	60.6	68.8	77.2	76.4	79	73.3	75.8	76.1	75	71.5	78.6	75.5	75.2	73.2	71.9	75.1	71.8	77.3	70.8	78.1	79.6	77.6	80.4	77.5	78.8	82.9	77	78	77.4
4.0	30	82.42	64.6	68.9	76.4	77.5	71.9	71.6	73.4	65.4	74.7	71.2	79.3	76.2	77.5	75.4	71	76.8	71.7	77	77.4	76.6	79.3	76.4	78.8	73	79.6	81.3	79.3	78.6	73.8
4.0	27	80.42	61	71.8	76.9	74.3	76	79.8	74.5	78.5	70.3	69.5	78.8	72.8	71.6	70	76.4	76.9	75.4	77	73.6	81	74.2	77.8	77.2	79.6	76.6	78.4	75	73.3	72.1
4.0	28	81.83	60.3	66.9	77.8	72.8	77.9	76	75.5	77.4	73.8	71.3	77.7	75.5	72.4	69.3	73.3	74.3	76.2	76.7	68.2	81	77	77.5	79.4	74.4	77.8	80.6	73.5	74.8	75
4.0	26	78.5	67.6	74.8	75.9	70.2	75.8	74.3	71.1	77.9	69.8	69.3	79.1	71.5	76.2	67	78.7	76.7	75.3	77	73.1	78.3	72.5	77.3	76	81.5	76.7	75.4	72.9	73.8	79
4.0	25	74.13	73.4	74.7	74.5	67.8	72.8	73.6	67.5	76.9	74.4	72.8	78.8	74.8	76.8	62.7	78	74.9	75.7	77.4	74	76.2	67.7	75.4	74	79.2	77.3	70.9	74	73.5	78.6
4.0	24	81.29	74.7	67.6	72.9	77.5	74	68.8	66.3	78.4	74.7	75.5	79.1	72.9	75.8	61.1	76.8	73.4	75.1	76.7	76	76.5	63.8	73.4	72.3	79.8	74.9	72.8	76.1	72	74.5
4.0	23	76.71	76.2	60.1	74.1	78.3	75.5	72.1	66.3	76.9	70.2	75.2	78	71	75.1	70	77.8	72	73.2	74.3	74.3	78.2	68.7	74.5	70.3	75.8	73.6	76.5	77.7	71	80.8
4.0	13	77.17	71	67.9	77.3	72.8	70.8	74.3	68	72	73.4	77.7	74.1	69.6	69.3	71.7	70.8	75.2	67.1	77.6	72.9	73.4	74.2	75.7	74.3	78.3	73.7	75.3	75.3	79	84
4.0	12	77.75	70.4	66.4	78	75.1	65.3	73.1	64.9	77.8	73.4	76.9	71.5	66.5	69.8	72.2	71.3	73.8	76	76.8	71.7	76.4	74.2	76.2	75	77.4	72.3	73.9	71.5	77	82.9
4.0	22	71.21	76.5	60.4	76.7	78.7	76.3	76.5	69.2	74.3	69.5	74.5	78.3	74.8	73.5	70	77.7	72.1	72.4	73.2	72	77.1	70.2	72.3	67.8	77.6	74.8	73.3	77.3	68.6	76.7
4.0	21	71.38	74	69.2	75.1	79.1	75.8	72	71.3	70.1	74.7	72.5	78.4	74.5	71.2	70	77.5	70.6	71	71.7	71.8	78.7	71.9	70.5	66.6	75.7	74.6	75.6	75.5	66.4	74.5
4.0	20	75.25	74.2	69.2	75	78.6	74	69.4	73.8	65.5	73.3	69.8	76.6	75.6	69.2	70.1	77.1	70.4	72.5	73.9	70.6	79.7	77.4	69.2	65.5	75	72.7	76.8	71.9	67.3	78.6
4.0	14	76.54	70.6	71.2	78.1	69	72.9	62.8	69.5	73.7	69.7	76.3	73.8	70.5	60	70.4	71.3	76.7	63.3	71.3	73.3	74.3	74.3	75.6	76.2	78	74.8	75.2	76.8	78.2	82.5
4.0	11	77.63	74.7	65.6	78.8	78.8	60	71.5	62.1	76.8	70.7	76.1	76	62.5	71.2	70.9	69.6	71.7	75	75.1	73.7	77.9	75	78.4	72.2	77.6	73	73.5	69.4	74.3	75.8
4.0	19	76.92	69.9	67	75.1	77.1	72.1	63.6	76.5	64.2	72.3	62.4	76.4	76.3	69.8	68.8	76.4	70	72	72.8	69.7	78.9	75.3	79.3	67.2	77.7	71.5	78.5	70.7	74.3	80
4.0	15	76.58	70.6	71.8	79.3	71.3	70.8	65.3	73.3	76.2	73.5	76.3	74.8	72.6	61.8	63.1	72.2	69.7	57.5	68.2	71.8	77	75.9	77.5	73.6	78.8	73.5	75.6	74.6	69.1	80.6
4.0	8	77.33	71.3	69.3	73.7	72	62.6	72.3	76.1	74.7	70.8	74.3	74.1	77.6	72.9	70.5	75.1	57.5	73.5	60.5	73.8	76.3	71.1	74.8	71.8	77.8	71.4	66.1	73.9	75.3	76.9
4.0	18	76.54	74.2	64.8	75.4	75.5	70.2	62.5	77.2	63.3	73	59	76.4	72.9	70.5	65.2	76	69.2	70.2	72	67.6	74.1	76.8	79	71	78.4	71.4	76.9	70	77.1	75.5
4.0	9	76.96	71.8	68.3	75.8	71.9	65	73	74.6	75.5	58.2	74.5	74.9	71.2	73.3	69.2	72.7	58.3	75.7	69	71.5	77.4	72.4	75.8	65.6	77	67.3	69.3	78.6	75	79.5
4.0	10	76.71	74.1	64	76.8	75.7	59.5	73.3	67.3	76.5	65.5	74.4	75.1	61.2	73	71.3	69.2	63.6	75.9	72.8	70.9	78	74.2	76.1	67.4	77.3	70	73.1	73.6	71.9	78.9
4.0	4	72.29	58.1	69.9	67.4	71.5	69.1	73.6	74	75.2	71.1	70	71.4	72.5	66	64.5	72.7	74.5	76.6	72.8	70.8	75.9	76.7	70.6	72.4	73	68.3	78.8	73.9	72.5	74.2
4.0	17	77.13	72.8	61	76.2	75.3	64.7	70.3	75.4	61	72.9	70.9	75.8	72.2	69	63.8	75.2	68.5	66.3	72.2	71.6	71.7	76.6	78.4	69.8	77.7	72.8	74.8	66	73.3	75.4
4.0	16	76.67	71.6	66.9	78.2	72.9	65.2	69	74.7	72.1	74.5	75.5	77.7	72	65.5	63.2	73	60.8	61.1	69.8	71.8	77.5	76.4	81	63.8	78.6	74.6	74.8	64.7	71.1	68.8
4.0	7	76.25	67.1	64.7	74.3	68.5	66.2	74.3	74.1	76.3	68	73.8	69.7	78.2	68.8	72.6	72.2	58.7	70.9	60	72.7	73.1	71.3	70.8	75.8	77.3	71.4	66.4	73.6	77.1	76.3
4.0	6	75.83	65.5	64.6	72.7	71.9	69.5	75.9	67.7	77.5	63.1	73.8	68.8	76.5	65.3	73.6	69	63.2	69.1	73.3	71.2	66.4	76	65.5	74	76.5	72.3	72	74	75.9	73.5
4.0	5	73.96	66.9	70	68.8	67.4	70.5	74.5	64.5	74.1	60.3	72.7	70.7	74	64	69.9	68.8	71.2	76.1	77.5	71.4	67.7	75.1	67.8	72.5	75.7	70.7	79.1	71.5	73.4	68.8
4.0	3	69.04	58.3	61	67.4	66.1	63.8	69.7	75.8	76.1	74.8	69.7	70.1	67.2	64.6	61	71.4	74.2	75.3	75.4	70.6	73.5	76.8	73.9	70.6	73.5	67.5	79.3	75.3	67.3	71.8
4.0	2	66	64.2	66.3	61.9	64.7	59.8	69	76.6	73.5	75.4	67.8	74.5	63	63.3	67.1	69.8	73.8	73.7	77.4	68.8	70.5	75.4	71.8	69.2	72	74.3	76	73.7	66.1	69.2
4.0	1	65.54	61.6	70.7	60.8	67	66	64.8	76.3	73.8	75.2	66.6	75.5	56.7	61	74.9	71.4	72.3	74.5	77.3	64	69.3	75.1	72	65.8	70.5	77.9	74.3	73.1	68.3	70.9
5.0	31	75.83	79.9	78.6	81	82.8	79.8	79.2	81	78.5	80.9	81.9	78.2	80.8	85.4	78.4	80.8	78.4	82.5	77.6	80.4	83.4	82.6	81.1	78.1	80.3	81.6	83.2	79.6	82.5	83.2
5.0	30	78.46	79.1	77	77.9	82.5	81.5	77.6	79.2	77.8	81.5	81.5	79.7	80.5	84	81.9	81.1	78.7	83.2	79.7	78.9	82.5	82.3	81.1	77.8	80	80.9	81.8	76.2	81.7	82.5
5.0	28	81.83	77.7	75.3	78.9	81.1	81.9	77.2	77	80.8	83.5	81.3	80.7	80	81.7	79.5	82	78.8	79.7	79.6	80.2	82.2	82.3	79.3	78.1	80.6	81.1	79.3	78.8	83.8	82.4
5.0	29	82.88	78.4	77.7	76.2	81.1	82.3	78	79.8	79.2	82.6	81.8	77.8	77.6	82	79.2	83.5	79.3	82.6	80.2	78.5	84.1	80	79.7	77.3	79.2	80.1	81.8	78.5	81.1	81
5.0	27	80.29	78.8	77	79.9	81.3	82.1	82	78.9	81.6	83.8	77.6	78.4	79.8	80.9	78.2	81.5	77.5	77.8	78.8	78.9	82	83.8	78.8	76.7	80.7	79.6	75.7	76.9	82.1	83.7
5.0	25	82.54	76.8	77.9	75.5	79.7	79.6	80.2	81.5	81.5	82.7	79.4	76.8	79.9	79.1	80.8	79.8	77.1	82.2	76.8	79.3	80.6	85	82	80.1	81.9	81.4	77.4	76.8	80.9	78.3
5.0	24	79.29	75.2	77.7	75.8	81.1	80.8	80	80.1	79.5	81.8	79.6	77.4	78.8	79.2	79.2	79	78.2	82.3	76.2	81	82.9	83.1	82.6	80.1	80.2	78.1	79.6	78.6	80.5	80.4
5.0	26	78.92	78.5	77.9	77.4	81	80.5	81.9	82.7	81.3	83.2	78.2	77.2	80.1	81.2	77.3	80	77	78	77.1	78.7	81.7	83.8	78.1	78.6	80.9	79.6	74.9	73.6	80.8	81
5.0	23	77.83	76.3	74.8	74.3	79.1	81.9	80.4	80.5	77.7	81	79.5	75.5	75.3	79.5	78.3	77.9	78.2	82	76.2	82.9	82.5	81.1	80	79.8	79.6	77.9	81.1	79.3	81.1	81.8

5.0	11	79.63	73.2	73.7	79.4	83.3	77.6	76	76.5	76.9	80.1	74.1	82.5	81.7	78.9	73.9	79.3	78.3	82	81.9	79.1	81.4	79.6	78.9	80.9	79.9	78.7	78	80.8	79	76.3
5.0	22	76.42	76.9	71.8	69.1	79.7	77.9	81.1	80.2	77.3	79.3	81.3	72.8	77.1	78.7	76.9	78	77.7	79.6	75.6	83.2	82.2	79.5	78	77.1	82.6	79.3	81.4	78	83	81.3
5.0	15	82.25	75.4	74.1	82.1	84.7	78.4	74.5	81.2	78.8	80.5	77.3	77.3	79.5	77.9	76.2	76.9	78	77.1	78.7	79.2	76.1	80.6	75.9	77.7	79.3	76.3	79.8	79.2	76.8	80
5.0	18	79.67	76.8	75.3	80	83.7	79.3	77.3	78.9	75.3	80.9	76.8	80.6	81.6	78.1	79.3	74.1	78.6	80	71.1	79.7	71.9	79.5	79.7	74.9	79.5	79	83.8	80	78.5	76
5.0	12	79.33	74	75.8	78.5	83.7	77.4	73	76.8	76.7	80.8	73.5	82.5	81.5	79.4	75.2	72.8	76.8	76.5	80.2	79.5	81.5	80.1	78.4	80.3	80	78.3	77	80.8	79.9	77.6
5.0	13	78.92	73.3	75.8	79.5	84.8	78	74.3	79.2	78.5	81.3	76.6	80.9	79.8	79.2	76.6	73.2	78.1	75.8	76.8	80.3	80.5	78.8	75.1	81	80.2	78.3	77.2	76.5	77.3	79
5.0	17	78.88	75.8	74.1	81.1	83.6	78.3	76.3	78.1	76.5	79.9	76.8	80.8	82	77.1	77.9	71.2	78.5	79.9	77.3	78.4	71.8	77.8	78.6	73	79.2	78.1	83.1	80.2	79.1	80.7
5.0	10	80.67	70.6	75.5	78.8	82.2	78.2	76.1	80.1	75.6	78.2	73.6	81.6	81.9	75.8	73.2	78.3	76.1	81.2	81.6	78.2	80.7	78.2	78	79.7	78.6	76.8	78.5	79.5	78.7	74.7
5.0	19	79.25	76.8	73.7	77	83.7	79	80	80.6	78.4	77.8	76.1	73.5	78.5	77.8	78.7	76.8	76.8	79	67.4	79	72.7	79.9	80	77.2	79.8	81.2	81.8	78.2	79.6	78.9
5.0	14	80.38	75.9	74	81.8	85.7	77.3	75	79.9	79.3	80.8	77.9	80.4	77.4	78.3	74.3	73.3	77.6	76.6	76.2	79.8	77	80.5	72.9	79.6	81	78.9	77.4	74.1	75.2	79.1
5.0	20	76.71	76.4	74.5	71.4	79.2	79.9	80.4	80.3	79.5	78.6	76.6	70.8	79.4	79.5	76.9	77.9	76.1	79	70.7	81.4	78.4	78.4	79.4	77.8	80.3	80	82.3	75	80.9	79.4
5.0	21	77.88	76.8	74.1	69.5	76.7	73.8	80.6	81	76.6	79.2	78.7	72.4	79.6	78.1	78.1	77.9	77.5	81.3	72.5	83	80.8	79	76	75.5	80.5	78.7	80.6	77.1	81.3	81.9
5.0	16	80.17	78.5	73.6	81.8	83.4	78.3	76.5	77.1	75.3	79.8	76.5	77.9	80.5	76.8	76.9	69.1	77.7	79.6	78.8	78.6	72	74.8	76.8	71	79.8	79.9	82.3	79.1	78.9	81.3
5.0	9	80.63	66.8	76.8	79.5	81.5	79.5	76.3	79.3	77.8	78.3	73.6	80.5	81.6	76.3	73	77	74.3	81	81.1	79.5	77.8	80.4	74.2	79.6	77.4	74.5	76.9	79.7	78.9	78
5.0	8	80.46	64	76.8	77.6	81.7	79.1	75.9	79.9	77.5	76.9	73.8	81.1	80.9	75.7	71.9	78.9	68.6	78.8	79.9	79.8	74.5	78.1	72.2	81.1	76	71.1	75	79.8	80.3	71.9
5.0	4	80.21	72.1	76.5	81.6	79.6	78	75.5	72.7	74.5	77.1	73.9	82	77.5	69.3	71.8	74.5	79.5	76.9	79.1	79.8	79.4	79.4	73.8	70.8	74.7	72.8	77.7	78.4	78.3	76.9
5.0	3	80.79	70.3	74.3	79.5	78.2	77.3	80.8	74.5	70.2	75.8	70.9	81.4	76.7	73.4	75.6	73.1	78.3	75.7	78.5	80.6	78.3	79.5	75	68.7	75.3	79.7	79.9	78.3	76.5	76.6
5.0	6	80.46	72.2	75.8	74.2	81.1	77.8	72.3	75.3	79.3	76	75.2	82.6	80.9	74.9	69.2	76.8	78	76.8	80.4	80.2	74.5	79.2	69.4	76.5	75.8	70	69.4	79.1	77.4	77.3
5.0	2	79.46	70.7	74.5	78.3	79.6	75.4	79.3	74.1	63.3	74.6	74.1	81	77.1	78.2	74	71.7	76.8	75.4	77.3	81.4	81	80.8	72	73.9	72.3	79.9	81.1	78	77	75.1
5.0	5	80.83	71.8	76.4	75.7	80	78.7	71.6	74.4	76.7	76.2	74.7	83.2	80.2	71.3	71.4	74.3	80.4	75.4	79.3	80.3	76.3	79.1	70.2	74.5	76.4	73.4	72.6	78.3	77.2	76.3
5.0	7	78.83	64.5	77	76.6	80.7	78.7	73.5	78.3	77.4	75.7	74.9	80.9	81.2	75.2	69.1	77.7	70.4	77.5	80	80.9	74.6	78.3	70.5	78.6	76.4	71.5	70.6	79.9	79	72.6
5.0	1	82	68.3	71.8	78.1	77.4	71.2	74.6	73.7	60	73	73.2	79.9	74.7	77.8	72.7	71.3	77.9	73.7	76.8	80.5	78.6	80.3	71.5	78.2	72.9	79.3	79.8	78	78.5	71.3
6.0	17	84.54	81.3	81.5	77	78.6	77.9	85.1	86.7	77.5	80.1	83.7	76.9	80.2	83.5	83.4	82	82.7	83.1	83.3	85.5	85.6	81.3	84.5	80.4	85.4	84.9	82.2	83.8	78.8	81.6
6.0	15	81.71	81.5	81.1	80.3	78.4	80.5	83.4	85.9	81.6	83.2	84.5	83.4	81	79.9	83.7	81	81	81.8	84	85.8	85.5	79.4	80.7	78.9	83.9	84.5	79.1	82	80	83.4
6.0	22	80.92	84.9	80.9	82.9	79.8	84.1	82.3	87.3	79.4	82.1	75.3	77.8	77.8	84.5	77.2	83.5	80.3	76.9	88	83.1	86.1	79.6	77.7	83.5	84.8	83.6	84.8	83.5	83.6	84
6.0	23	81.79	82.8	79.9	83.6	77.3	84.1	80.5	86.1	78.6	82.8	75.5	78.2	78.1	85.2	75.9	82.9	81.6	83.8	87.7	85.7	85	77.5	78.4	82.6	83.2	84.1	83.5	84.3	83.8	85.4
6.0	21	81.33	84.8	80.3	82.5	78.5	81	84.3	87.8	78.3	80.8	80.3	77.3	78.9	83.8	77.3	82.5	82.2	77.3	86.7	81.3	86.9	79.7	79.9	83.4	85.6	80.3	84.6	82.9	84.3	83.9
6.0	14	81.79	79.7	80.6	82.8	76.3	81.4	83.3	85.5	81.2	82.5	84.3	83	82.9	79.8	82.3	80.5	77.9	83.1	82.8	86.5	85.4	82	82.8	79.3	84.6	85	80.4	80.4	78.7	82
6.0	20	82.42	83	80	82	78.5	79.5	84.6	88.2	78.4	80.4	80.1	77.6	77.3	84	78.9	80.6	81.1	83.9	85.8	83	86.1	78.1	83.2	81.8	85.2	80.5	82.8	83.4	83.9	83.5
6.0	16	83.17	79.9	81.7	79.3	79.6	78	83.7	86.8	78.9	84.1	83.3	83.4	79.9	83.1	82.9	80.7	83	79.6	84.3	84.2	83	81.6	81.3	79.1	84.5	84.5	80.8	81	78.4	80
6.0	12	80.5	82.9	80.3	83.5	82.5	79.9	81.2	85.3	81.3	79	85.3	81.5	81	83.8	80.5	75.5	83.7	80.3	82.5	87.2	84.3	82.3	83.7	79.5	79.1	82.2	80.7	78.9	82.2	82.1
6.0	13	82.83	82.4	79.8	84.8	76.6	81.7	80.5	85	80.5	80	85.5	82.4	81.6	82.1	82.2	80.1	76.9	79.7	81.9	85.9	84.1	83.2	83.5	78.5	83.9	84.2	81.3	81	80.1	80
6.0	26	80.38	81.6	80	84.7	80.5	83.9	80.4	83.3	79.5	75.4	81.3	80.1	80.9	83.7	82.2	79.3	83.4	77.7	80	85.3	79.5	80.3	79.8	85.7	83.3	81.9	82.5	82.3	86.3	86.9
6.0	28	83.71	79.3	84.6	81.8	82	77.7	81.3	83.5	80.7	79.4	76.8	78.7	79.6	79.5	79.8	82.7	81.5	83.4	84.4	81.4	79.6	80.5	84.1	85	83.3	83.4	83.8	81.4	82.3	86.4
6.0	29	80.67	80	83	80.7	82.7	79.9	83.1	85.1	80.3	80.1	76.7	78.6	80.2	78.3	79.8	83.3	81.7	82.9	84.6	83	80.3	80	80.9	87.2	83.8	83.5	83.9	80.3	79.3	87.2
6.0	27	81.75	80	81.9	83	82.7	77.5	82	80.6	81.3	76.2	79.1	80.4	80.3	79.6	79.8	83	81.5	82	82.2	83.4	81.5	79.2	81.4	84.3	85	81.9	84.6	82.7	84.4	87.3
6.0	25	80	77	78.8	85	79.3	84.1	79.9	84	81.4	78.5	80.5	77.3	81.8	84	78.9	76.6	83.5	79	84.5	86.3	82.5	79.9	80.5	84.5	82.1	82.9	85.4	80.4	85	86.7
6.0	11	78.38	83.8	83.3	83.8	80.8	80.6	79.2	85	82.9	77.5	84	82.1	81.3	81.6	81.4	79.7	83.7	81.8	82.8	84.5	83.3	83.3	81.8	78	80.1	81.5	79	80.4	80.9	82.2
6.0	18	80.92	80	81.5	77.2	77.6	80.3	85.3	87.4	76.8	81.4	81.6	75.5	76.9	82.5	82	79.1	81.2	84.2	82.3	84	85.2	81.3	84.8	79.4	85.1	83.3	82.8	83.7	81.5	82.8
6.0	19	80.83	81.8	82.2	80.9	76.3	80.1	84.8	87.2	78.2	82.4	79	78.5	79.2	84.2	81.7	78.5	81.9	81.4	85	83.2	84.6	79.8	83.6	79.3	84.4	80.5	79.8	82.8	79.7	82.7
6.0	30	79.63	82.1	79.5	79.5	81.7	79.8	83.4	84.3	79.2	80	78.7	76.5	82.5	81.4	79.9	84.3	81.7	83.5	80.6	79.8	78.7	81.3	79.7	84.8	85.3	83.2	83.7	77.7	81.5	86.7
6.0	24	79.67	77.1	78	85	73.6	83.8	78.4	83.7	79.6	80.6	79	76.7	81.6	83.3	78.3	79.8	82.9	82.1	82.7	86.5	83.7	77.2	80.1	83.7	82.5	84.2	84.6	82.2	82.8	86.6
6.0	10	78.92	82.3	84.6	83.8	82.6	79.6	78.4	83.2	80.3	80.3	83.4	80.9	81.8	79.9	77.5	81.5	82	80.1	83.3	82	83.5	83.1	81.8	81.8	77.3	80.7	79	80.9	78.4	84.8
6.0	9	78.83	80.8	84.9	84.2	83.4	81.7	76.2	82.7	77.7	81.6	83.3	80.7	80.1	79.5	78	82.5	80.5	80.3	80.6	82.7	82.5	79.5	80.2	81.3	82.9	79.9	79.3	80	79.3	84.3
6.0	5	80.79	83	80.8	81.9	81.5	80	77.7	85.8	78.3	82.8	79.8	82.1	79.5	79.9	78.4	80.8	80.4	85.6	78.2	85	81.9	79.5	79.7	79.5	81.9	80	76.7	82.1	82.7	78.4
6.0	7	76.04	80.7	81.6	78.8	81.9	80.3	75.2	84	79.1	81.6	80.4	81.9	82.3	80.5	80.8	81.1	80.1	85.1	79.1	85.6	83.1	77	80.6	81	80	82.1	78.8	79.1	83.3	81.7
6.0	8	77.54	81.2	84.1	82.9	83.4	79.7	76.8	81.8	78.5	82	82.8	77.5	82.3	79.7	79.5	80.8	77.9	81.3	78.6	85	83.6	76.3	79.5	81.7	81.8	82.3	80	78.4	82	83.8

6.0	4	81.29	80.8	78.5	81	77.5	77.5	76.8	84	80.9	83.6	81.5	83	81.9	81.1	75.6	81	79.2	83.4	78.7	81.5	83.3	81.8	79	79.2	81.7	83.1	76.8	82.4	83.8	77
6.0	6	74.83	80.9	80.3	81	82	81.1	76.7	85.8	80.6	83.7	78.7	81.8	81.3	81.9	79.8	80.8	80.3	85.9	78.5	85.4	81.1	78.5	77.2	80.8	80.5	76.9	77.9	77.9	83	77
6.0	3	81.79	77.5	78.3	78.5	75.3	75.6	77.2	83.7	79.8	83.5	82.6	82.8	82.2	83.1	77.1	80.3	77.5	83.4	78.2	82.5	82.8	81.5	80.5	78.5	78.6	82.6	79.4	81.4	83.3	79.5
6.0	2	80.63	81.5	79.8	77.5	74.5	75.3	77.2	83.6	79.1	82	80.7	82.4	82.9	84.2	76.8	79.7	73.6	83.3	79.4	82.8	80.8	80.9	79.7	78.5	74.8	82.8	78.2	80.5	82.7	83.2
6.0	1	78.33	79.5	79.9	79.7	83.4	77.4	77.5	83	80.6	80.5	76.9	80.1	81.5	84.7	76	78.2	73.3	83.5	79.5	81.5	76.1	77.3	79.5	78.4	78.4	82	82.7	80	82.6	85
7.0	28	81.29	84	84.3	81.3	79	85.4	81.5	84.8	85.7	82.4	80.2	83.1	81.7	80.1	84.7	78.6	82.5	81.7	84.3	85.1	82.9	84.2	81.4	85.8	80.5	85.5	86	82.3	82.8	81.6
7.0	27	81.21	82.9	83.7	82.7	78.1	85.7	81.7	84.2	84.8	82.1	79.5	83	80.8	80.9	85	80.8	84.5	81.8	81	86.1	81.4	84.7	83.7	85.7	78.7	86.1	86.5	84	79.7	83.7
7.0	29	81.63	83.7	86.2	76.4	79.4	85.4	82	85.2	86.4	82.8	82	81.7	81.9	79.8	82.4	81.1	83.3	81.5	84.1	84.2	85.5	84.8	83.2	84	80.5	84.3	85.7	79.7	81.9	83
7.0	20	79.79	82.5	84.5	80.9	83.4	84.1	78.5	79.8	84.3	85.2	83	83.6	83.9	77.3	84.2	79.4	83.9	84.4	78.9	87.1	85	84.6	78.8	84.5	81.5	85.2	84	80.4	81.1	84.3
7.0	10	82.92	84.4	80.7	80.4	83.8	81.5	82.6	80.8	81.8	83.1	81.3	80.1	84.8	86.5	81.5	79.9	85.8	83.3	80.6	83.9	83.9	80.4	81	80.4	84.8	84.6	83.3	83	80	86.6
7.0	30	79.04	83	87.6	78.9	79	82.1	82.8	84.6	84.8	79.8	83.8	81.1	82.5	83.7	81.6	82.8	84	79.4	82	87	86.3	83.3	82.7	84.4	80.2	84.1	83	77.9	82.6	83.5
7.0	21	82.13	81.2	84.5	79.2	83.2	84.8	82.2	78.7	85.3	82.6	79.8	79.2	84	81.8	84.8	80.5	82	84.7	83	87	85.7	82.7	82.3	82.5	83.1	83.4	82.4	82.5	79.2	82.8
7.0	26	81.71	83.8	84.5	79.7	78	85.2	83.6	83.5	84.7	80.8	78.9	81.3	80	80.6	83.7	84.6	84.9	81.7	80.6	84.6	85.3	84.1	82.5	84.3	80	84.1	85.9	82.7	77.3	83.8
7.0	6	83.29	84.3	84	78.7	84.6	78.1	79.3	84.3	81	83.5	82.6	81.3	84.6	83.8	84.5	83.5	82.5	80.5	83.4	77.6	85.2	83.2	83	79	81.7	86.4	86	79.6	81	83.8
7.0	14	77.29	82	80.9	82.5	79.5	83.2	79.4	80	80.3	82.3	81.5	83.3	79.8	85.5	81.8	81.9	85	83.8	84.2	85.4	86.3	83.2	78.5	82.5	81.9	83.9	83.5	83	84.4	86.9
7.0	19	83	80	85	81	84.3	81.8	77.8	81.8	83.1	84.8	83.1	84.2	82	77.4	84.3	79.1	84.4	83	81.8	86.6	83.4	83.1	77.4	83.7	81.4	83	84	82.4	81.6	83.5
7.0	25	80.71	82.7	84.6	80.3	79.6	85.6	82.8	84.5	84.7	78.5	80.6	81.2	79.6	83	84.1	84.6	82.5	81.2	84	84.8	86	84.3	82.9	83.4	79.1	81.8	84.5	81.9	76.7	81.4
7.0	3	84.46	83.5	81.8	78.4	83.1	83.9	86.3	86.5	78.7	81.6	85.1	80.6	81.6	81.4	84.3	79.5	81.2	78.7	83.5	78.2	82.2	83.5	78	82.6	82.7	84.1	84.6	80.5	83.5	85.5
7.0	22	84.5	79.7	85.8	80.3	83.5	84.9	81.5	80.8	84.2	81.4	79.9	77.3	82	83.9	84.4	80.7	79.7	82	83.5	86.4	83.9	79.8	84.2	81	84.3	82	82	85	79.3	81.9
7.0	31	77.96	83.9	87.6	81.6	83.2	82	84.8	83.5	86.8	79.6	80.3	83.3	81	82	82	84.3	79.5	78.3	81.3	87.2	83	80.6	82	83.1	79.3	83.8	79.8	79.3	82.5	85.8
7.0	9	81.92	85.1	82.2	83.3	85	81.1	82	82.4	79.4	81.1	81.5	78.3	82.3	84.6	77.5	79.8	85.6	81.2	79	84	82.5	83.7	83.8	79.1	83.9	85.5	84.4	83.5	79	86.6
7.0	17	82.67	81.8	84.1	80	77.9	84.6	82.5	82	80.9	85	79	86.8	82.5	79	82.8	83.3	82.2	80.8	85.5	87	84	78.1	78.4	82.3	79	84.5	82	83.5	81.7	83.7
7.0	7	83.75	85.7	79.9	79	84.8	80.1	83.5	81.3	82	85.1	81.4	80.5	84.3	81.7	84.8	78.3	84.5	79.6	82.3	82.3	81	83.9	83.7	78.5	80.1	84.9	84.6	80.5	79.3	85.2
7.0	4	82.42	85	83.3	78.9	83.8	84.1	84.4	86.8	79	80.1	81.6	80.8	81	81.6	84.8	81.2	78.8	80.9	84.9	75.9	82	83.1	78.2	82.3	82.7	84.9	85	79.8	82.8	85.5
7.0	11	79.5	84.3	81.9	80.5	84.5	83.2	80.8	83.2	84	83	79.4	78.8	80.5	83	82.3	78	86.1	83.8	80.9	84	84.1	77.7	80.4	81	84	85.3	81.8	81.9	80	86.6
7.0	8	83.88	84.3	80.5	81	83.3	83.6	82.3	81.5	80.7	81.6	82.9	79.3	83.2	83	83.5	77.9	84.8	78.1	82	82	77.9	84.4	82.8	80.7	81.1	85.3	84.5	82.5	79.4	85.7
7.0	18	82.54	80.5	85.4	79.5	79.7	84.1	81.8	84.2	80	82.6	82.1	84.9	81.7	78.8	83.9	81.1	84.1	81.1	85	83.8	84.3	78.3	77.7	82.8	80.6	84.4	81.5	81.9	81.1	83.6
7.0	5	82.83	85.8	83.7	80.1	85.2	78.9	79	84.4	81.7	80.9	82.3	79.6	82.5	81.5	84.8	80.9	80.7	83.5	84.8	76	82.3	82.5	79	81	79.1	86	85.8	78.8	82.1	84.6
7.0	15	80.08	81.1	79.7	82	82.7	82.3	80.9	78.3	79.6	78.5	80.5	84.2	79.2	85.1	81.5	83.5	84.5	80.8	84.9	81	85.2	79.7	80.5	81	81.7	85.2	85	81.9	83.5	84
7.0	16	82.33	83.1	82	81.5	81.8	81.5	81.1	78.9	82.9	84.1	79.8	84.6	80.1	81.4	81.7	84.3	82	79.1	85.5	83.1	82.8	79.4	78.9	78.8	79.1	82.5	83.8	83.5	83.8	83.3
7.0	23	82.42	80.5	84.5	82.1	85	85.5	83.3	82.7	84.4	80.3	77.2	80.8	83	81.6	84.9	82.1	77.8	80	84.6	82.3	82.7	79	81.7	83.5	84.7	81	79.4	79.8	80.3	79.2
7.0	24	80.46	80.3	82.7	80	82.8	84.3	83.5	84	85.2	76.8	80.1	82.6	80.6	80.5	82.1	83.7	78.8	77.8	84.5	83.7	85.3	81	83.8	83.6	79.2	80.4	84.2	82.7	78.1	82.8
7.0	13	76.92	80.8	81.1	81.9	80	83.4	81.3	80.8	81.3	82.8	81.4	79	77.5	82.8	80.7	79.3	86.3	80.8	83.6	84.9	85.9	81.5	79.3	81	82.5	81.9	84.7	82.7	81.4	86.3
7.0	2	83.21	83.9	80.3	78.5	81.8	82	84.5	87.9	78.2	80.7	82.5	77	81.6	80	83.1	80.3	80.7	79.1	79.4	77.2	81.6	83.1	78.8	82.9	82.8	81.3	84.2	82.5	84.9	86.9
7.0	12	76.63	82.5	78.7	80.3	77.9	83	80	83.9	82.8	84.3	83.9	78.4	79.8	80.9	80.8	79.4	85.7	81.7	81.1	84.5	84.4	78.9	80.5	82	81.6	84.5	82.6	81.6	78.8	87.5
7.0	1	78.96	83.9	81	77.9	82.9	79.3	82.5	86	77.5	78.5	79.5	76.3	82.4	82.2	83	84.8	82.3	80.6	78	80.1	79.3	83	76.7	83.6	85.3	84.2	82.2	81.7	84.3	86.7
8.0	13	82.29	82.5	83.9	78.8	82.5	84.3	83.8	85.2	84.8	82.6	83.5	80.3	84.2	78.3	84.8	86.4	82.3	83.2	83.5	85.6	85.2	82.9	85	84	81.9	83.2	85.1	81.7	81.3	83.3
8.0	11	85.96	79	82.6	79.5	82.7	81.1	81.5	84.6	84.1	84	82	81.1	78.8	83.4	85.1	85	85.8	82.9	85	80.7	85.8	82.5	85.2	81.7	83.7	82.9	85.9	80.4	84.5	84.2
8.0	5	83.42	81.3	86.1	82	83.2	83.4	81.1	79.6	81.5	82.8	80.6	83	83.3	82.9	82.8	82.6	85.1	80.5	80.1	83.8	86.3	82.6	86.5	83.7	82	81.5	84.2	83	82	83.7
8.0	12	84.42	79	83.5	78.3	81.9	80.5	83.4	84.7	81.5	78.7	83.4	80.3	82.4	82.9	84.1	85.5	82.6	80.8	84.5	83.4	87.1	80.9	85.5	83.2	84.5	82.5	84.8	82.1	84.3	83.4
8.0	10	85.04	79.5	81.4	78.3	83.1	83.4	80	82.8	84.3	80.3	81.5	81.4	78.3	81.9	84.6	83.4	85.8	83.5	84.9	80.4	81.9	83.1	83.8	82.8	83.3	81.6	86.1	85	85.2	85.3
8.0	20	79.04	83.2	85.7	80.7	81.4	81.6	84.6	79.5	81	83	84.2	82	78.4	84	84	78.8	87.4	80.3	84.4	86.8	81.9	83.5	81	85.4	83.2	83.2	86.3	83.1	82	81.9
8.0	4	83.42	81.2	84.8	81.7	80.6	83.1	81.3	80.8	80.3	82.7	78.3	82.8	81.4	80	85	81.5	84.6	80.4	84.4	84.3	86.8	83.3	85.3	83.2	82.3	80.9	84.8	84.3	82.9	85.6
8.0	19	83.46	84	85.3	81	82.4	81.2	84.8	80.6	79.8	83.5	83.8	80.9	79.5	82.2	85.7	79.6	85.9	78.4	82	86.2	82.5	82.9	80.5	85.3	82.5	84	84.9	82.7	83	81
8.0	14	84.13	81	82.3	77.5	84.7	84.1	84.5	85.8	83.2	82	84.1	80.5	79.6	77.1	82.4	81.5	84	79	80.8	86.1	86.5	83.6	83	83.4	80.2	83.3	86	82	82.5	84.1
8.0	6	83.17	80.6	85.6	80.5	82.5	81.8	83.6	79.2	80.2	80.9	80.1	83.8	83.3	84.9	80.7	81.8	85.4	82.7	82.3	84.2	86	80.9	82.7	84.7	82.7	80.5	84.9	83	83.2	83.6
8.0	16	83.42	79.3	83.2	76	82.5	82.5	81.6	82.9	83.8	83.9	84.9	83.1	80.1	81.3	85.2	80.4	83.5	80.8	79.9	85.9	85.5	85	84.7	81.3	79.8	83.5	86.8	83.4	78.7	83

8.0	18	82.17	82.5	82.8	81.7	85.6	80.7	83.5	83.2	79.3	82.6	84.1	81.2	82.7	81.5	84.5	80	83.2	81.2	80.6	84.2	82.8	80.2	80.7	84.7	83.4	83.5	83.4	85.3	81.1	83.2
8.0	21	81.58	81.4	84.9	83.1	81.4	82.5	84.5	80.1	81.3	84.2	83	80	78	81.3	83	79	86.8	81	83	84.1	83.2	79.4	81.1	85.9	83.7	83.8	86.5	83.3	83.9	80.1
8.0	7	82.88	78.7	86	79	84.3	83.8	80.8	79.1	84.3	84.1	80.3	79.8	81.5	79	79.3	82.5	84.8	84.5	82.1	85	87.8	82.3	82	84	82.8	78.8	85.7	82.8	81.5	84.8
8.0	8	84	79	85.5	77.8	83.3	82	80.6	80	85.1	85.5	82.7	80.3	78.9	79.2	80.2	83.3	85.1	83.6	81.5	83.2	85.2	85.1	82.5	84	79.2	78.9	85.4	83.9	83.9	85.3
8.0	17	83.25	80.3	81.2	80.3	85	81.2	82.8	82.6	80.4	83.2	85.4	81.9	81.6	81.5	83.8	79.1	83.5	81.5	81.1	85.3	83.7	83	82.4	83.6	81.8	83.9	86.2	84.1	78.3	82
8.0	15	82.17	79.5	82	76.5	84.2	83.5	84.7	83.6	82.7	83	83.7	80.3	82.3	78.8	83.1	80	81.8	80.9	81.3	86	86.4	83.8	83.4	77.7	78.4	84.6	87.1	81.8	81.9	84.6
8.0	28	79.54	79.4	79.1	78	85.3	82.5	80.6	85.2	85	81.8	84	79.4	81	82.7	83	83.4	84.3	83.2	80.8	81.9	83.7	83.5	81.9	85.5	80.1	84	80.8	81.7	83.2	83.7
8.0	23	79.33	81.2	85.2	80.7	81.3	78.5	80.5	83	79.1	82.6	82.4	83	79.2	81.7	82.6	83.9	84.7	79.8	81.4	80	84.1	80.9	80.8	81.5	85.8	86.8	84.9	83.6	85.1	82.5
8.0	3	83.25	81.2	83.8	81.7	78.7	81	80.6	81.5	83.6	81.5	78.3	79.5	80.3	82.1	84.1	83.7	83.5	80.6	84.8	84	86.1	82.5	84.3	82.2	78	82.5	83.3	81.5	80.8	85.1
8.0	26	82.5	83.7	78.8	78.5	80.4	80.8	81.8	85.8	83.9	79.7	83.8	83.1	80.8	81.1	82.4	80.2	81.5	83.4	79.3	82.2	85.3	79.1	81	83	84.5	82.8	84	81.1	84	85.5
8.0	31	80.58	81.3	79.4	81.7	81.8	81	82.5	83.7	83	82	82.5	80	84.2	82	84.3	84.3	83.2	81.2	84.1	82.1	81.4	84.7	82	81.8	80.3	76	86.4	80.6	84.5	81.4
8.0	22	79.25	81.1	85.2	80.6	82.6	82	81.4	79.9	78.8	80.3	83	81.8	78.3	81.9	83.5	80.3	86.2	81	79.8	83.3	84.7	76.8	80.5	83.8	85.5	84.7	87.5	83.6	85.1	80.8
8.0	25	80	84.3	79	76.4	82.3	80.3	81.5	83.3	82.6	83.1	84	84.1	78.2	79.8	83.6	78.9	81.3	82.9	81	79.8	83.8	80.5	80.3	83.9	85.3	85.5	83.4	80.9	86.5	86.5
8.0	29	79.96	75.8	78	78.5	81.4	82.4	82.4	85.1	84.3	80.1	83.2	79.5	82.7	84	84.1	85	85.9	81.8	83.5	81.5	82.4	81.9	83.2	83.4	79.4	82.1	82	78.5	86.5	84.5
8.0	27	81.67	83	79.1	80.6	83.1	81.6	81.6	85.6	84.1	81.5	82.1	78.9	79.9	83.5	80.3	81.1	82.7	83.5	80.5	79.9	88.1	79.8	81.3	84	79.6	82.5	82.4	83.6	82.2	85.1
8.0	1	77.29	82.6	84.9	82.4	81.1	83.5	80.2	80	86.4	80.9	78.8	83.6	80.6	79.2	83.3	84.1	79.3	79.3	83.9	86.4	84.3	82.8	82.1	84.1	77.6	83.9	82	80.7	79.4	87.3
8.0	9	83.79	77.1	84.2	79.8	79.8	82.5	80.8	81.2	84.1	79.5	80.9	79.3	76.5	80.6	82.5	84	86.4	83.1	85	81	80.3	85.4	80.6	83.9	82.2	77.9	85.3	85.2	84.8	83.4
8.0	24	77.58	81	83.1	78.5	81	79.1	81.1	82.8	81.5	82.6	83.7	83.8	80.5	81.1	83.2	81	82.2	81.4	82.3	79.1	82.4	82.6	81.2	82.5	85.4	84.5	83.2	81.2	85.9	83.3
8.0	2	82.67	81.6	83	81.5	78.3	84	79	80.3	87.4	80.1	73.4	79.9	78.9	80.5	84.2	85.5	78.1	81.2	84.6	83.7	85.8	84.2	82.1	82.5	79.3	85.5	80.2	80.9	79	84.8
8.0	30	78.33	79.3	77.1	81.2	81.2	80.6	82.5	84.2	85.9	81.4	82	78.2	84	83.3	84.5	80.9	84.8	79.2	83.9	82.7	82	83	83.2	83.1	80.2	81.3	83.3	78.2	83.9	79
9.0	4	81	77.8	82.1	79	80.5	83	83.2	82	83.8	84	82.5	81.8	78.2	81.5	83.3	81.2	84	82.3	80.6	83.9	82.5	82.7	82.3	79.7	83.3	82.3	83.7	81.6	85.4	87.1
9.0	3	80.25	78.3	82.1	82.9	81.2	83.5	83.1	80.9	82.3	83.3	83.3	82.8	79.8	84	82.6	81.9	83.2	83.5	78	81.8	82.3	82.2	83.9	82.3	83.8	79.9	81.3	80.2	83.2	85.4
9.0	1	79.83	80.3	82.1	82.3	80.4	81	79.3	82.9	80.8	82.5	83.9	81.2	81.7	80.2	83.4	82.9	82.4	84.8	79.7	82.8	80.8	85.3	83	82.8	80.5	79.1	84.8	83.7	83.5	82.1
9.0	2	80.79	79.1	79.5	83.6	82.3	83.2	81.5	80	81.2	82.3	82.8	81.3	80	83.5	81.3	84.5	84	83.5	78.3	80.3	83.1	82.5	83.4	82.3	83.3	81	79	81.7	82.6	84.8
9.0	10	79.88	81	83	79.4	79.3	77.6	80.6	80.7	82.3	81.7	79.9	82.8	80.5	81.7	82.3	81.1	81	82.8	83.3	84.4	79.2	81.8	83.5	82.5	83.8	85.2	79.2	80.3	86.3	81.4
9.0	16	82.29	81	81.1	77.7	82	83.3	81.2	79.8	82.8	78.8	75.1	82.4	81	82.5	81.4	82.2	82.8	82.5	81.6	83.3	82.6	79.7	80.2	80.8	79.1	83.1	85.3	84.6	84.2	82.1
9.0	17	81.46	80.7	82.8	80.2	82.5	84.9	82.5	78.9	80.7	74.5	76.8	82.2	81	83.1	83	82.9	80.7	81.9	81.3	83.4	83.9	80.9	80.4	77.2	77.9	83.6	83.9	84.2	85.3	81.9
9.0	11	80.5	81.9	81.4	78.3	79.8	76.5	82	79.3	80.8	81.8	80.5	77.3	79.5	82.4	81.3	81.4	83	84.7	80.6	83.3	82.2	81.3	83.5	82.7	83.3	84.9	78.9	83.1	85.6	82.5
9.0	15	83.63	79.3	79.5	75.9	82.6	82.7	81.9	79.4	80.8	82.5	73.1	82.4	81.5	83	82	84.1	83.2	82.5	81.3	82.2	82.5	81.2	80.2	81.8	81	83	83.1	84.3	82.4	80.5
9.0	5	81.96	80.2	81.9	78.7	78.3	83.3	80.3	80.8	84	80.2	81.3	78.5	76.2	75.9	80	81	83.8	80.4	80.5	81.6	84.5	82.8	82.9	80.5	81.5	80.4	83.7	83.3	88	85.7
9.0	6	84.08	82.1	79.3	80.9	77.6	85	78.8	79.9	79.4	80.5	80.1	80	81	79.5	80.3	83	84.2	82.5	81.2	80.6	81.7	79.6	81.3	80.8	80.4	82.3	81.7	80.3	87.5	83.3
9.0	18	78.71	79.6	83.2	81.4	82.9	84.5	82.5	77.4	78.2	78.8	78.7	83	78.5	81.6	84	83.7	79.8	81.7	82.2	82.3	81.6	77.9	80.5	80.3	78.7	82.8	83.7	83.1	84.3	82.9
9.0	14	81.83	78.8	78.6	76.2	83.6	80.8	83	80	79.4	82.3	71.5	80.8	82.3	81.4	83	83.5	81.7	82.4	82.1	83.8	82.1	81.3	82.3	80.3	80.8	82.5	81.9	82.5	84	79.4
9.0	9	78.38	79.6	82	79.1	77.9	79	79.4	81	81.3	81.5	78.3	81.9	79.9	79	81.5	81.4	81	82.8	83.5	81.7	77.2	80.3	83.8	80.7	83	84.7	83.9	79.2	85.4	81.4
9.0	21	81.42	82.1	81.1	76.9	80.7	79.3	83.8	81.8	78.2	81.8	80.3	82	82	76.4	80.6	78.3	82	79.3	83.4	82.1	83.2	78.7	80.4	78.6	82.9	83.8	84.2	80.8	81.5	81.8
9.0	19	80.92	78.7	83.4	79.1	82.6	80.9	81.4	78.5	78.5	79.8	79.2	82.7	80.8	79.9	84.1	80	76.3	80.7	83.9	81.5	81.1	81.2	79.7	76.4	80.7	83.5	83.6	83.9	81.5	82.1
9.0	13	81.54	78.9	79.5	75.5	81.8	81.6	80.9	79.9	82.5	82.5	75.5	79.8	79.9	81.9	82.4	80	81.5	83	82.7	84.3	82.5	81.3	79.2	82.6	78.4	81.9	80.1	81.8	83.9	78.1
9.0	12	81.96	81.3	79.2	78.7	79.4	80.3	81.4	78	81.9	80.6	79.1	75.9	79	80.5	80.3	81.4	82.2	83.7	77.4	82.4	82.8	80.7	80.5	82.5	80.4	81.8	80.6	84.3	84.9	80.7
9.0	7	82.88	81.7	80.7	78.8	75.6	83.7	79.4	79.2	78.5	79.4	79.2	82.1	81.3	82.7	80.5	79.4	83	83.8	81.6	80.9	77.9	81	79.9	80.5	77.5	83.2	85	79.3	83.4	81.1
9.0	8	78.79	78.8	78.1	79.3	77.8	81.8	80.2	80.5	79.4	80.5	78.7	81.7	79	81.4	81	77.6	81	83.9	83	80.8	77	83.3	82.9	80.9	81.3	82.7	83.7	80.1	83.9	81.7
9.0	22	79.96	82.8	82.2	77.3	81.4	78.3	81.9	82.3	74.2	83.2	81	81.4	81.4	79.9	79.5	82.5	77.8	79	81.9	81.4	80.5	78.8	82	77.1	82.3	83.3	83.3	83.1	81.7	78.9
9.0	23	81.46	80.9	82.2	78.5	82	76.6	79	82	73.4	82.8	81.3	80.1	79.8	79.6	81.7	82.4	78.1	79.3	83	82.8	81.1	81.5	78.8	77	81.5	83.3	82.6	81.3	81.1	79.6
9.0	24	81.5	80.8	81.8	80.1	81.5	77	81.2	80.9	75.7	81.4	79.8	79	82.1	78.5	83.4	81.8	80.7	77.8	81.9	82	82.5	77.8	77.8	77.2	80.1	83.4	82.3	82.3	80.4	81.2
9.0	20	82.38	80.6	83	75.6	80.7	80	82.7	78.8	76.2	79.8	79.8	82.5	80.9	75.4	81.4	80.4	76.5	79.2	81.2	81.7	82.9	79.7	81.2	75.5	82.7	82.5	84.4	82.3	80.5	81.7
9.0	28	77.04	79.9	79.6	76.2	78.9	80.8	81.4	81.6	83	78.7	76.8	82.1	80.9	79.8	79	77	82.7	76.7	81.8	80.1	82.5	80.3	78	79.5	78	80.2	85.2	82.8	83.9	81.4
9.0	29	78.08	79.1	75.4	78	81	79.8	81	81.4	81	77.7	73.5	83.3	76.2	79.5	80	78.6	81.2	79.4	82.9	79.5	82.7	80.6	79.2	78.1	80.6	80	82.5	84.2	83.9	80.3
9.0	27	73	82.1	79.2	73.6	80.5	81.4	76.7	81.5	80.7	81.8	75.4	82	82.7	79.5	79.7	77.9	80.3	76	83	81.7	81.1	81	77.4	78.5	78.7	80.8	84.6	83.1	82.7	82.2

9.0	25	80.29	81.1	80.9	76.8	80	77.7	82	78.5	77.4	82	78	80.8	78.4	76.9	82	82.1	81.6	72.3	81.7	82.4	80.5	77.1	76.2	77.3	80	82.2	82.9	83	81.1	82
9.0	26	74.5	82.1	81.3	75.7	82.2	80.9	77.6	80	78.9	83	73.9	81.7	78	75.7	80.6	81.9	80.5	74.8	82.9	81.6	78.9	79.5	81.3	77.4	79.9	79	83.6	83.3	81.3	82
9.0	30	76.21	76	73	77.8	81.9	79.2	79.4	80.4	81	77.6	72.1	81.6	74.7	79.2	82.3	77.3	79.3	76.7	73.4	78.5	80.8	81.4	79.3	80.1	81.2	81.5	80.6	84.2	84.4	71.7
10.0	3	81.58	77.7	77.9	82.2	81.4	78	77.6	80.4	78.1	77	73.3	80.5	76	80.4	81.2	80.2	81	76	78	76.1	72	77	81.3	81.3	75.3	77.9	80	82.2	83	75.2
10.0	1	75.21	72.2	72.9	77.8	80.9	81.4	80.1	80.9	80.8	76	69.1	82.4	75.1	80	82.2	78.5	77.5	79.4	72.3	78.2	75.1	81.8	81.8	80	81.9	81.3	81.2	82.6	83.3	75.5
10.0	4	78.63	79.7	78	79.4	82.9	76.5	78.3	79.5	78.2	79.4	76.1	78.9	76.4	78.9	78.6	79.8	82.7	78	80.9	73.1	75.9	78.3	81.5	77.4	71.8	80.2	80.1	81.9	81.6	74.1
10.0	7	68.96	72.8	76.8	77.8	78.5	77.3	78.2	82	77.3	79.6	80	81.2	78.1	77.7	79.8	78.9	81.6	76.9	83.5	69.8	75.7	78.7	80	77.9	76.5	79.7	85.1	80.7	79.6	83.5
10.0	2	78.38	69.5	77.5	79.1	81.8	80.2	78.7	80.1	81.3	77	68.9	82.2	73.2	81.3	80.5	81.3	78.1	75	75.8	77	70	80.3	80.9	80.6	79.6	80.3	82	82.4	82.8	76.2
10.0	8	70.29	76.1	77.3	79.3	78.3	74.9	79	80.1	77.8	75	76.9	80.8	78	76.7	80	75.8	81.9	78.7	83.5	72.9	72.8	77.8	80.9	78.4	78.6	80.8	84.2	79.8	79.3	83
10.0	9	74.21	77.4	75.6	78.4	80.1	75.1	79	80.2	81.1	62.6	76	81.6	78.7	78.3	81.4	72.2	81.2	80	84.7	74.9	71.8	77.9	74.8	80.6	79.8	80.8	84.4	81.8	79.4	83.1
10.0	6	76.29	68.8	72.7	75.9	76.7	75	78.1	81.5	76.7	81	80	82	79.4	78.8	78.8	78.7	82.1	76.5	83	71.1	77.1	79.1	80.3	71.6	74.5	80.1	82.4	80.9	81.5	82.8
10.0	5	80.04	72.4	75.9	74.6	79.8	76.5	78.1	81.1	73.8	81.3	78.8	81.9	78.3	78.5	78.3	79.3	79.5	77	82	71.8	76.5	78.6	81.5	67.9	73.4	81.3	79	82.4	83	78.7
10.0	10	75.25	77.7	77.5	78.3	79.5	71.2	78	78.7	79.8	63.5	76.5	79.4	77	78.8	81.3	72.5	79.8	79	83.5	75.7	76.1	77.3	75.4	80.3	78.1	75.8	84.9	81.3	80.6	82.2
10.0	11	73.54	74.6	74.8	73.8	79	70.5	76.5	77.2	79.1	70	77.9	80.9	79.2	74.2	80.5	75.7	79.8	78	84.1	76	78.3	76.6	76.5	79.5	76.1	74.3	84.3	82.2	80.5	80.7
10.0	14	75.46	71.3	72.5	75.3	78.8	74.9	77.9	77.3	78	73	78.1	77.4	79.8	74.3	78.2	73.9	77	79.2	82	75.5	77.2	79.6	76.4	78.1	77	78.8	81.9	81.3	81.4	81.3
10.0	13	73.58	66.2	69.8	74.7	81	73.1	78.5	78.9	80.1	72.5	79.3	78.8	80.4	77	79	76.6	77.8	79.5	83.3	76.3	78.4	76.8	76.8	81.5	75.7	77.8	81.6	76.9	80	79.1
10.0	12	71.08	68.8	71.2	74.2	79.8	72.8	77.5	77.6	79.2	71.8	77.9	80.2	78.2	76.6	79.5	78.3	76.7	80.3	82.9	75.8	79.2	76.7	76.6	80.8	73	76.8	82.5	78.3	79.1	79
10.0	15	73.75	73.5	75.4	71.8	73.8	75.5	76.7	77.1	77.4	71.2	76.9	74.7	72.6	71.2	76.5	73	78.5	78.3	82.7	70.6	74.1	78.6	73.4	75.7	78.3	78	81	82.7	81.3	80
10.0	16	67.54	73.6	72.9	72.1	71.3	76.6	75.3	77.5	76.7	69.7	74.9	72.1	71.6	67	74.8	76.8	79.2	77.8	80	71.5	76.5	76.7	75.5	73.4	76	79.4	82.1	83.3	81.6	81.3
10.0	22	77.33	71.7	79.5	75.2	68.3	72.1	68.5	73.6	67.6	74.3	77.7	78.1	76.5	75.2	79.5	81.7	82.2	75.1	76.3	73.9	64	74.7	78.1	75.3	76.2	68.6	81.8	74.9	82	78.9
10.0	20	72.92	68.3	79.1	73.8	75.7	61.5	65.9	77.8	78.5	74.2	78	74.8	74.2	79.1	80.8	81.1	77.5	72.6	69.4	75.5	65.5	75.3	80.5	74.8	74.5	77.3	79.8	80.5	80.9	79
10.0	21	75.5	70.1	80.2	73.8	68.3	65.1	66.8	78.3	72.8	74.7	76.8	77.4	74.4	78.2	79.1	81.5	78.6	73.9	73.6	75	63.8	72.1	78.8	76.1	74.8	76.6	80.2	78.1	80.2	78.3
10.0	19	70.88	67.4	78.3	73.5	78.3	65.1	67.5	77.8	76.6	73.4	76.3	71.8	73.6	78	77	80.8	81.1	69.6	61.4	74.5	75.5	78	80.2	75	72.7	78.7	78.6	81	80.4	77.6
10.0	23	77.38	70.5	75.1	76.2	75.3	75.6	70.2	66.3	68.9	74.2	77.6	76.8	76.7	73.8	77.7	74.1	81.6	77.2	77.6	76.5	67.3	75.3	74.1	72.5	77.2	69.4	79.5	76.3	77.1	79.8
10.0	18	69.08	73.2	76.1	72.5	75.5	76.3	70.5	77.8	76.6	71	69.3	69.8	73.6	75.5	75.6	79.6	81.8	74.4	57.2	72.8	76.7	76.8	79.7	71	74	79.1	77	82.3	76	78.9
10.0	17	64.29	73.1	76.8	73.7	73.6	77	73.5	75.3	77.8	70.2	66	68.1	74	71.2	74.5	77.7	79.8	75.8	66.1	72.5	77.5	73.9	77.5	71.3	76.7	78.9	77.9	82.8	79.3	79.2
10.0	26	76.38	70.9	71.3	71	77.1	78.8	78.2	73.1	69.1	73	71.6	78.3	77.8	74.5	57.2	70.5	72.8	68	73.5	80.2	74	77.4	67.3	68.8	77.3	75.3	65.6	77.3	80.6	81.5
10.0	27	76.04	71	72.4	69	78	79.7	72.8	73.8	69.1	70.9	60	79.1	77.8	73.2	60.6	76.1	74.7	67.8	78.6	81	74.5	73.1	67.8	71.3	74.2	75.6	70.8	72.6	81.6	82.4
10.0	25	76.75	66.9	73.9	74.2	76.4	77.5	76.7	73.1	66	72.8	80.2	77.6	77	75.3	58.8	64.2	72.1	75	67.4	79.4	70.7	76.7	69.2	68.7	77.5	72.3	68.8	75.9	81.6	80.3
10.0	24	77.29	67	74.3	75.5	76.1	77.1	73	69.3	60.5	74.4	79.8	77.2	73.5	71.9	66.5	59.6	73.6	76	75	79	68.4	77.1	66.8	70	77.1	70.3	74.6	77	80.6	80
10.0	31	67	73	61.5	76.5	73.5	75.7	72.1	71.7	76.6	72	71.4	72.6	75.8	77	68.7	74.4	77.8	67.4	79.1	75	70	64.8	76	69.8	78	76.1	65.1	74.3	82.5	74.5
10.0	30	71.92	72.4	77.2	75.3	70	76	70.5	71.2	75.1	73	68.5	79.6	72	75.5	65.2	70.8	75.2	61.5	81.5	74.7	68.3	62	75.9	75.2	74.8	77.2	60.5	74.4	82.5	72.8
10.0	28	74.46	71.6	73.3	69.2	76.4	76.1	58.5	72	69.8	70.4	59.6	80	76.2	73.2	65.2	71.1	76.3	55.5	79.8	80.2	72.7	69.2	70.2	74.5	77.5	75.9	72.2	67	82.7	81.5
10.0	29	72.71	70.1	75	73.9	66.9	76.3	63	71.8	73.1	72.3	64.5	80.1	71.9	73.5	64.5	65.5	74.3	53.4	81.5	77	72.9	62	74	75.2	75.7	76	65.3	68.8	81.8	80.6
11.0	1	71.04	75.5	48.1	75.2	77.1	76.1	76.5	73	76.5	70.4	75.7	69.4	75.1	78.5	67.8	77.3	77	68.8	75	75.1	67.8	68.4	77.5	61.5	79.3	76	70	75.7	76.5	78.5
11.0	2	72.79	75.9	58.2	66.3	78.2	75.7	72.9	74.2	72.7	70.7	75	68.3	75.9	78.5	68.1	73.8	73	69	70.6	73.3	69.6	66.7	71.4	54.4	79.8	76.6	71.6	74	74.6	67.6
11.0	5	53.96	77.1	73.8	74.5	69.4	75.6	65.2	66	67	72.4	69.5	76.2	78.3	68	73.2	72.4	65.7	65.8	71.8	60.5	63	71.3	74	72.4	81.3	74.5	73.8	76.6	80	74.7
11.0	4	57.13	77.3	69.8	73.1	72.2	69.4	64	71.4	60.8	70.7	74.8	73.7	78.5	76.5	70	69.6	66.8	66.4	74.5	70.9	64.6	69.5	69.4	67.6	80.8	74	74.3	72.3	77.7	71.3
11.0	6	63.79	67.5	74.5	72.4	71.5	76.4	68	59.3	68.8	73.5	67.3	73.6	76.3	65.1	73.4	73.5	67.1	66.5	69.4	54	66.9	67.4	76.3	71.8	79.9	72.4	74.2	75.9	78.3	75.7
11.0	3	66.79	76.8	66.6	70.1	77.4	60.8	67.3	74.8	57.4	70.4	77	69.2	75.5	77.3	71.3	69.3	67.3	71.5	70.7	75.8	70.2	69.7	66.9	61.2	80.1	74.9	74.2	66.4	73.3	66.7
11.0	7	64.88	58.1	63.2	73.7	75	77.7	65.7	64.2	69.2	74.9	65.5	59.9	77	64.9	74.6	71.5	63.4	68.4	71.6	56.3	71	61	73	68.3	78	72.1	75.3	77	79.1	77.2
11.0	12	56.46	75.9	70.1	69.5	53.3	59.6	71.8	73.7	70.7	65	69.2	75.7	73.7	72.6	70.6	70	68.7	76.5	61.5	68.5	63.3	72.4	71	65.1	75.4	65.3	73.4	77.9	74	77.8
11.0	11	56.38	75.5	64.3	74.1	72.1	58.6	68.8	74.7	71	64.3	66.2	77.2	73.8	72.8	69.8	69.1	66.6	68.8	72	68.7	58	69.2	72.6	65	75	63.3	71.8	75.2	73	76.5
11.0	10	51.54	73.8	64.8	77.7	67.2	55.8	65.2	74.7	71.4	73.3	67	76.6	71.3	71.7	71.3	68.3	63.2	64.9	75.3	64.6	67.8	65.5	73.5	64.3	75.9	66.9	69.5	75.6	70	80
11.0	13	58.04	69.5	75.7	74.8	59.1	64	72.8	72.9	70.3	69.4	68.3	65.7	72.1	71.1	72.3	62.3	69.5	78.4	63.2	65	68.6	72.4	61.2	67	76	65.2	75.3	77.2	63.4	75.7
11.0	8	62.5	59.8	67	75.7	68.5	71.3	58.5	69	69.8	75.8	66.8	67.2	78.6	65.8	75.8	69	59.2	67.4	73.4	59	71.4	58	70.9	61.9	76.8	69.1	74	78	76.3	76.8
11.0	9	54.17	70.5	73.9	75.7	57.9	58.4	59.2	71.5	70.1	74.9	66.1	74.5	72.8	66.5	71.6	67.9	61.1	65.7	76.5	62.9	70.6	61.2	72.7	61.1	76.9	68.2	74.1	77.8	70.1	78.3

11.0	14	64.04	59.6	79	73.5	59.5	66.5	72	73.2	68.1	69.5	68.3	63.7	64.5	70.7	71.9	65.4	69.1	77.1	66.2	65.6	73.5	68.8	63.3	62	69.3	64.2	71.3	77.3	70	75.6
11.0	21	73.5	76.3	66.6	73.6	65.1	72.4	72.2	76.4	69.1	52.5	67.4	67.9	64	70.4	71.3	51.7	71.5	60.5	72	69.6	75.7	63.5	74.8	63.4	73.3	57	69.2	65.3	65.8	70.7
11.0	15	69.5	58.4	77.9	76.1	51.1	67.9	63.9	72	68.3	57.5	66.9	70.3	67.2	69.1	75.5	70.8	66.9	73.6	64.6	68.1	75.1	66.4	67.8	60.1	71.8	62	66.7	66.4	69	77.7
11.0	25	49.96	77.7	71.9	63.5	59.6	72.3	62.1	72.5	71.5	71.4	75.4	62.3	66.8	68.9	69.3	66.5	74.3	61.5	68.3	73	67.6	56.8	66.9	73	68.8	70.6	65.2	69	62.4	72.9
11.0	22	71.83	75.8	65.8	70.6	56	70	72	74.3	69.4	50.6	68.6	64.2	67.3	71.4	62.4	55.6	71.5	55.7	73.6	71.6	75.3	61	75.2	69.4	72.3	62.6	70.3	63.6	68	70.9
11.0	20	74.13	72.8	67.9	74.2	64.8	71.5	67.5	75	71.5	58.6	67.9	67.2	63	71	73.5	53.7	71.2	56	68	69	75.1	64.3	71.4	54.5	75.3	56.2	65.5	70.3	63.3	70.4
11.0	24	57.5	77.1	66	59.5	63.4	69.2	59.8	75.1	69.3	67	73.5	55.4	71.3	73.9	68	61.9	68	62.4	71.5	71.9	67.7	60.9	65.1	74.4	63.4	69.2	64.9	71.7	66.3	70.9
11.0	19	74.08	70.9	71.5	70.1	65.1	68.3	63.8	75.2	69	70.1	70.1	59.5	71.3	67.3	68.8	58.8	70.8	50.7	66.9	66.5	73.5	60	73	49.3	77	66	67.8	71.1	62.5	66.5
11.0	16	70.08	60.4	77	75.6	56.5	68.1	59.6	74.5	63.6	64	68.7	69.2	71.6	67	73.9	70.3	53.5	55.9	65.5	71.5	76.2	61.9	71.1	67.9	75	63.5	66.3	57.5	61	76.3
11.0	26	51.25	77.1	74.2	64.6	56	66.9	63.7	73	71.1	64.5	73.8	61	69.9	57.5	68	69.1	74.6	55.4	62.2	72.6	71.5	61.8	72.7	58.7	71.4	69	66.8	72	65.3	72.1
11.0	23	68.08	75.9	68	68.4	58.3	63.7	69.7	75.6	67.6	55.4	72.8	50.8	70.3	72	56	59.3	66.4	59.4	72.8	72	71.9	59.8	71.8	74.3	59.5	66.3	71	68.1	70.3	71
11.0	30	76.17	51	60	74.3	63.5	70.5	67.4	70	61.2	61.7	72	58.1	56.8	68.7	60.1	77	69.4	67.5	66.5	75	58.7	67.8	64	66.3	71.3	74.1	71.3	65.1	68.7	69.3
11.0	17	72.17	63.8	75.3	68.3	61.7	69.2	53.4	74.8	63.9	70.7	70.9	60.9	74.2	64.9	69.3	60	59	54.6	67.3	72.3	73	66.2	73.8	70.2	76.5	63.7	67.4	61.3	54.5	68.6
11.0	18	72.33	68.7	74.4	62.8	65.3	67.7	59.5	73.5	67.7	68.8	71.8	54.7	76.3	65.9	64.2	57	66.8	56.8	69.4	67.3	68.2	65	74.8	52.4	78.4	65.8	67.6	67.5	62.4	66
11.0	27	62.54	64.5	71.4	69.8	65.6	59.1	65	68.5	65.8	59.9	72.7	61.3	71.8	65.5	71.3	70.9	71.8	56.8	54.5	69.6	72.7	67.5	63	57	71.6	67.7	66.7	58.2	66.6	72.5
11.0	29	72.21	51.3	55	76.5	70.7	65.7	71.8	67.3	64.4	60.6	73.8	50.5	51.4	65.7	70.8	73.8	72.3	66.8	60.8	74.7	65.5	65	60	59.2	71.1	72.7	73.5	56.2	69.2	72.4
11.0	28	67.71	55.4	62.3	75	71.5	63	69	64.4	62.4	59.3	73.2	58.6	68.9	66.2	72.6	73.1	73.4	61	55.8	66.6	66.8	66.3	50.4	52	70.5	70	71.5	51.6	70	71.6
12.0	9	68.33	61.2	59.3	72.5	69.6	55.5	68.4	71.3	68.3	71.4	74.9	63.3	65.3	73.1	68.4	57.1	73.5	70.1	71.7	50.5	65.4	69.2	74.5	56	68.6	56.9	60.7	69.3	71	54.4
12.0	1	76.33	54.4	66.1	67.2	61.8	71.1	62.1	70.3	52.3	60	70.7	60.1	59.8	70.8	55.4	75.3	70.5	63.9	71.3	61.5	57.4	67.7	64.8	68.7	73.8	72.9	70.7	72.5	72.9	54.1
12.0	5	53.42	61	64.9	72.7	65.4	64.2	57.8	73.9	71.3	55.2	72	70.9	65.5	62.8	67.9	60.8	61.2	64.5	57.2	62.8	71.3	68.5	72.7	72	70.6	75.4	72.8	56.1	60.9	65.4
12.0	10	68.71	65.8	65.6	74.3	54.8	55.3	69.4	73.1	68.1	71.5	74.8	68	67.7	72.5	59.3	63.9	73.5	72.8	66.6	52.7	66.4	69.7	73.3	54.9	68.6	59.8	51.3	57.1	72.3	58.7
12.0	4	52.79	59.5	69.1	76	64.2	59.3	67.8	74.4	68.3	52.6	72.9	68.3	68.3	57.4	63.7	66.2	58.3	62.4	58.2	57.2	69.5	69.7	71.7	71	67.9	72.8	70.9	69.7	59.6	67.5
12.0	3	73.13	53	68.4	74.3	64.9	58.6	67.7	73.2	60.9	57.4	70.8	56.7	63.9	60.5	58.9	74.1	71.4	55	68.9	52.5	66.5	71.5	69.8	71.1	71.1	67.3	70.2	77.1	53.8	60.4
12.0	2	74.83	57.1	66.5	70.2	64.8	63.9	60.8	71.8	53.3	62.2	70.7	53.2	61.1	67.3	57.6	75.3	71	54.7	73.5	50.7	63.5	70.9	64	70.2	74.8	66.2	69.8	76.9	64.3	51.9
12.0	14	71.83	60.3	62.3	59.3	68.2	61.6	56.9	61.6	67.4	72.2	76.5	58.5	65.3	53.2	58.5	71.4	72.4	65.9	73	39.4	68.5	58.6	71.7	54.9	75.1	68.4	62.8	70.7	69.6	69.9
12.0	8	69.88	64.8	60.3	66.2	67.2	61.3	56.4	72.4	67	65.6	74.5	64.5	54.6	73	65.8	53.7	74.4	60.2	70.7	47.3	54.4	70.8	74.5	60.5	66	63.7	74.4	66.8	69.9	52
12.0	13	70.79	51.8	54.7	59.4	65	67.8	63.9	72	71.8	72.9	74	66.8	62.7	62.5	55.7	70.8	71.8	56	72.8	46	68.5	64	62.5	55.9	73.7	68.8	54.8	65.7	71.2	68.3
12.0	6	61.54	60.8	58.6	70	66.7	68.8	51.2	74.1	66	54.7	73.7	56.1	50.8	70.4	62.9	64.8	66.1	65.3	54.1	45.6	70.3	70.9	75	71.2	71.1	75.5	71.5	55.9	61.1	60.5
12.0	24	66.08	68.8	48.6	56.1	42.8	63.7	72.5	71.7	53.5	57.3	66	69.1	61.8	55	57.8	74.5	66.9	72.8	67.5	53.5	72.5	61	63.8	73.4	75.1	72.1	69.1	57.6	62.8	66.8
12.0	11	68.67	57.4	61.3	64.3	49.5	61	70.3	72.2	69.6	71.8	74.9	64.4	57	63.5	56.6	68.7	74.3	68.6	57.1	51.3	67.7	72.1	70.7	54.6	69	66.7	51.8	51.8	71.6	60.4
12.0	31	55.38	67.7	53	66.2	66.7	70	57.9	55.7	63	37.5	58	68	68.7	66.9	64.8	75.8	74	62.6	64.8	66.9	67.3	57.4	63.5	62.7	74.9	59.4	61	70.9	62	73.5
12.0	7	66.75	67.2	58.7	67.1	67.2	68.1	48.2	73	58.9	60.4	74.5	56.3	47.6	72.1	63.8	65.5	68.7	58.3	66.3	44.2	65.1	68	74.1	65.3	66.2	67.7	70	62.8	63.9	59.7
12.0	23	61.88	69.8	52.7	58.5	47.7	62.3	71.7	70.5	62.8	56	68.5	62	61.9	66.8	52	71.6	66.1	61	60.6	59.3	72.2	53	74	73.5	75.7	70.1	70.1	52.8	66.1	61.2
12.0	12	71.71	50.9	48.2	58.6	58.2	65.5	65.1	74.6	70.9	71.2	75.6	59.1	54	52.9	54	69.6	73.1	58.2	69.9	56.9	69.5	72.9	64	52	72.4	71	61.3	53.9	70.6	65.5
12.0	17	55	70.1	55.7	66.1	70.8	66.8	55.7	57	61.5	61.8	73.4	55.2	57.9	59	58.6	73.3	47.3	70.4	67.5	61.7	68.2	70.5	56.5	64.1	74.9	72.1	67	57.1	74.3	60.5
12.0	15	61.58	63.7	61.1	61.5	70.6	61.7	51.1	56.8	65.4	73.7	75.9	48.6	54	45	65.8	67.3	75.9	71.5	72.5	43.9	68.8	64.9	67.5	56.2	75	68.3	67	66	65.2	63.5
12.0	16	53.17	69	54.5	66	69.1	61.3	56.4	54.4	62.4	72.7	75.7	51	63.6	55	57.4	68.9	66.4	70.2	68.6	52.3	71.5	69	56.7	59	74.5	66.1	65.3	61.7	71.3	65.8
12.0	29	63.88	58.8	63.4	66.4	54.2	71.6	53.9	67	55.8	51.3	67.6	51.6	65.4	61.9	63.8	69.5	72.6	68.9	48.9	46.2	56.4	65.8	69.5	70.4	76.3	68.8	58.9	71.3	75.5	64.2
12.0	18	57.79	69.2	61.8	62.3	71.4	69.1	56.4	56.9	63.6	47.2	68.4	64.5	51.8	59.9	61.2	73.5	56.9	70.6	69.2	61.3	61.1	70.1	59	57.8	69	75.1	69.4	59.1	59.7	51.1
12.0	22	61.54	70.4	55.5	61.5	49	60.1	71.7	70.8	70	54.2	62	56.2	58.2	65.8	48	74.6	60.8	55.9	54.6	60	71.3	51.1	74.2	70.5	74.6	62.9	68.6	55.5	69.9	60.3
12.0	30	56.04	59.5	59.8	68.2	63.4	70.8	53.3	57.5	57.9	45.6	63.7	57.8	66.8	64.6	59.6	74	72.6	65.5	57.3	59.8	62.7	48.5	62.5	69.3	76	56.9	57	71	74.2	66.9
12.0	28	68.71	63.7	61.6	60	47.7	69.4	46.8	63.3	60.6	63.5	59.3	51.9	62	56.8	57.3	62.5	72.6	71	54	41.8	56.1	57	71.1	71	76.1	71.6	64.8	73.9	73.6	62.5
12.0	25	58.83	67.8	52.2	54	42.8	62.4	70.4	70.9	49.5	58.3	53.7	59.9	54.5	52.4	63.5	73	65.6	74	68.3	58.4	71.4	66	61	61.6	75.4	73.8	64.1	61.2	69.2	51.4
12.0	21	62.88	67.4	62.5	62.6	49.4	48.3	66.6	72.3	70.7	46.7	59.6	54.4	50	53.9	50.1	74.4	65.8	68	50.6	54.2	70.7	57.3	74.5	69	71.3	64.8	72.9	60	68.8	62.8
12.0	19	55.67	70.2	60.5	56	70.6	49.1	55.3	65.7	66.3	50.8	63.6	68	55	57.7	56.6	71.1	62.2	69.1	59.1	53.6	64.5	62.8	61.8	61.3	56.4	75	70.1	59.9	57.6	58.3
12.0	20	60.29	69.2	63.8	59.7	58.6	38.3	62.1	71.5	64	40.8	61.2	64.3	48.2	48.8	54.8	70.7	65.5	65.6	53.6	50.6	69.3	69.1	71.2	65.6	62.1	71.4	70.5	63.7	65	63.3
12.0	27	69.04	68.8	53.1	55.8	49.5	67.7	64.5	58.9	58.9	61.6	51.1	53.1	60.3	50.3	53.9	52.8	67.8	72	53.3	43	67.7	51.8	64.4	70.2	76	72.4	67.7	69.7	72.3	53.7

12.0		26	64.17	68.5	50	53.8	48.2	64.6	68.2	61.5	47.9	59.7	51.2	50.6	58.3	49	55.5	62.6	64	74.6	56.8	50	69.1	65.8	66.5	63.1	75.9	74.3	62.2	64.8	70.4	45.8		

Average Daily Temperature for each day of month	Daily Rank of Temperature For Each Month	Average Daily Temperature for each day of month

Avg Day Temp	Rank	Avg Day Temp
64.34	1	64.34
64.30	2	64.30
63.02	3	63.02
62.47	4	62.47
62.02	5	62.02
61.86	6	61.86
61.76	7	61.76
61.67	8	61.67
61.65	9	61.65
61.57	10	61.57
61.57	11	61.57
61.38	12	61.38
61.35	13	61.35
61.15	14	61.15
60.52	15	60.52
60.26	16	60.26
60.23	17	60.23
60.12	18	60.12
60.04	19	60.04
60.01	20	60.01
59.98	21	59.98
59.97	22	59.97
59.95	23	59.95
59.83	24	59.83
59.73	25	59.73
59.67	26	59.67
59.58	27	59.58
59.58	28	59.58
59.03	29	59.03
58.49	30	58.49
58.41	31	58.41
67.63	1	67.63
67.47	2	67.47
66.61	3	66.61
66.48	4	66.48

Average of Column Labels

Row Labels	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	73.42	62.79	70.88	61.96	66.38	67.42	69.00	50.38	62.88	67.79	42.21
2	71.75	65.63	70.58	67.92	65.50	69.29	66.25	58.83	72.04	69.13	46.83
3	71.00	59.96	70.79	63.04	61.58	58.88	63.50	66.79	61.46	69.08	45.67
4	68.54	55.58	71.96	59.08	53.42	50.17	67.29	72.17	45.92	70.67	42.25
5	71.21	55.33	72.50	46.33	52.08	55.83	70.08	74.29	40.00	61.17	46.79
6	73.25	60.79	69.21	54.08	64.08	59.96	70.29	73.42	43.75	67.38	53.75
7	72.21	59.13	71.33	64.08	66.96	55.71	69.79	75.75	56.25	68.54	51.42
8	72.17	61.50	70.58	60.92	52.71	41.50	70.33	70.42	62.21	64.92	60.21
9	66.67	67.00	68.17	50.58	51.79	43.21	67.00	64.38	63.04	66.33	47.00
10	71.25	66.92	69.17	61.58	55.96	55.25	56.54	59.21	55.96	72.83	44.92
11	73.29	54.25	73.58	67.58	60.50	52.63	56.63	58.83	51.00	66.83	55.75
12	68.46	64.00	74.21	67.21	66.00	55.67	59.25	62.92	58.79	62.25	59.33
13	53.04	70.42	72.83	61.63	69.88	49.88	56.88	67.96	64.21	64.13	49.71
14	53.71	65.50	63.54	54.33	65.71	52.58	60.08	68.13	67.83	57.46	55.33
15	63.33	49.58	60.92	53.58	59.58	57.17	63.75	68.29	68.04	54.08	60.54
16	67.42	47.08	60.67	53.38	56.42	62.96	62.75	63.79	67.33	57.17	65.17
17	58.88	47.63	55.25	64.08	54.33	67.04	44.96	58.83	69.75	58.79	67.00
18	58.79	57.38	58.83	59.13	58.54	68.71	41.00	61.46	67.92	61.13	68.71
19	68.67	58.13	64.92	48.00	64.25	57.96	44.71	63.08	70.13	65.96	69.54
20	63.08	50.25	66.79	51.92	56.17	51.92	54.00	57.08	65.96	65.08	56.83
21	59.08	51.92	70.04	55.38	54.50	57.88	56.71	62.67	66.38	49.71	42.04
22	50.25	64.92	68.83	53.13	56.00	60.46	63.13	70.88	72.54	53.13	47.96
23	53.83	67.04	69.71	58.54	56.83	64.50	64.92	68.96	74.33	63.38	49.17
24	66.75	55.50	69.92	61.46	47.42	66.46	68.75	61.71	63.04	58.46	51.46
25	60.33	48.79	62.25	64.96	47.83	58.08	65.92	54.13	58.63	50.88	51.63
26	56.67	52.25	56.13	65.96	51.33	67.63	62.38	58.88	64.17	45.08	49.08
27	63.58	62.75	52.46	70.33	54.00	65.17	65.92	64.58	67.25	44.25	52.50
28	68.42	66.46	55.21	70.96	64.38	57.58	69.38	57.08	68.46	53.25	58.13
29	70.88	68.25	60.33	70.50	67.21	65.25	68.88	55.08	68.75	63.33	63.92
30	74.17	65.29	62.38	67.17	57.33	66.50	60.04	56.63	70.54	64.04	66.33
31	70.33	59.58	59.96	58.83	50.04	64.33	57.75	56.38	69.63	51.08	68.79
1	61.29	57.08	58.92	53.79	52.33	66.58	57.42	59.67	69.92	53.88	67.83
2	67.46	54.54	57.38	49.67	60.25	69.08	61.00	67.92	69.50	57.46	60.13
3	69.92	58.79	56.33	48.42	63.13	57.92	65.17	67.71	71.83	57.21	52.42
4	69.25	63.29	60.08	58.04	57.04	42.63	69.71	58.96	71.63	58.04	54.96

66.47	5	66.47	5	68.21	64.21	61.71	63.08	54.08	37.46	71.29	56.13	68.25	49.96	57.25
66.23	6	66.23	6	70.13	58.96	62.75	69.08	48.46	49.08	69.33	52.50	65.13	48.79	54.00
65.47	7	65.47	7	67.21	54.25	62.75	70.63	52.13	55.96	69.58	52.08	65.96	53.00	62.58
64.50	8	64.50	8	59.00	53.08	57.50	68.21	48.75	60.04	69.50	53.54	71.21	56.42	67.71
64.09	9	64.09	9	59.00	51.17	54.79	71.42	40.83	60.46	60.17	54.00	69.54	56.79	68.25
63.58	10	63.58	10	58.38	60.54	60.42	72.92	53.25	61.79	58.00	56.92	68.75	57.33	70.25
63.48	11	63.48	11	60.21	60.17	65.88	73.29	64.96	63.00	54.63	64.54	71.29	61.00	71.08
63.39	12	63.39	12	58.75	56.00	67.88	72.33	64.88	55.38	57.33	62.50	71.25	63.50	71.92
63.05	13	63.05	13	63.33	58.50	58.63	69.13	59.67	48.08	69.29	54.79	54.54	66.38	71.92
63.04	14	63.04	14	68.13	63.08	55.92	59.54	66.33	55.13	73.88	55.67	51.00	67.75	71.04
62.91	15	62.91	15	59.83	67.54	60.33	61.29	72.75	62.50	66.58	61.67	56.38	67.83	71.50
62.76	16	62.76	16	42.29	66.83	68.04	65.46	71.33	55.17	61.33	68.79	61.92	66.67	71.83
62.53	17	62.53	17	52.13	68.83	66.08	63.96	71.63	42.21	62.50	70.79	67.38	69.63	67.71
62.38	18	62.38	18	64.71	70.67	56.83	66.79	71.00	54.54	66.88	65.79	68.38	69.88	64.21
62.27	19	62.27	19	69.79	69.13	48.17	69.71	70.04	59.88	72.75	64.42	67.54	71.38	65.71
62.25	20	62.25	20	70.00	66.92	55.33	72.79	62.50	64.79	75.21	64.92	59.46	69.83	69.29
61.85	21	61.85	21	69.17	63.88	62.46	72.92	62.33	67.67	74.33	62.13	52.46	60.04	70.83
61.62	22	61.62	22	72.29	70.58	66.21	73.50	54.75	68.50	71.08	71.17	48.83	64.08	69.79
61.60	23	61.60	23	69.92	71.29	60.17	74.00	58.96	67.33	68.83	64.33	51.00	66.21	71.08
61.18	24	61.18	24	66.58	70.17	55.67	64.96	62.88	69.21	69.33	59.63	56.71	67.50	72.67
61.10	25	61.10	25	67.92	68.38	61.04	63.50	61.63	66.63	69.92	63.54	56.04	69.42	73.88
61.08	26	61.08	26	64.75	67.50	64.21	63.54	65.50	67.67	72.92	67.04	59.92	70.83	72.33
60.92	27	60.92	27	55.71	58.83	55.75	58.38	69.50	67.96	75.58	70.08	62.38	70.25	70.33
60.11	28	60.11	28	60.21	59.46	53.92	64.92	69.83	69.63	76.46	70.25	66.25	68.29	70.83
70.71	1	70.71	1	72.88	63.67	57.38	69.08	68.58	57.71	76.04	66.88	63.08	67.54	72.13
70.56	2	70.56	2	75.63	64.25	62.00	68.54	62.38	58.17	75.63	59.25	64.75	70.92	72.96
70.23	3	70.23	3	72.63	66.08	70.67	57.42	62.33	59.71	76.00	58.88	63.71	70.71	75.21
69.94	4	69.94	4	60.50	65.83	64.00	57.79	67.25	64.04	74.92	54.75	54.29	71.67	70.25
69.87	5	69.87	5	58.92	72.08	62.96	62.13	70.17	67.54	74.67	62.92	58.96	64.25	61.00
69.81	6	69.81	6	64.54	72.42	60.79	64.63	73.33	71.25	73.50	69.29	65.79	66.08	57.42
69.67	7	69.67	7	70.83	71.83	60.71	69.33	74.54	70.75	67.83	71.79	65.25	70.38	55.50
69.21	8	69.21	8	72.13	69.21	60.96	70.50	68.63	51.79	71.75	75.38	63.83	68.88	56.25
68.75	9	68.75	9	64.63	68.25	65.25	72.25	57.46	43.17	73.17	65.17	65.21	71.13	58.96
68.35	10	68.35	10	55.29	69.54	63.13	66.54	57.00	49.33	73.46	52.29	68.13	70.75	64.58
68.30	11	68.30	11	54.04	55.71	63.25	54.29	60.88	47.50	72.88	49.00	63.96	72.46	63.33
68.00	12	68.00	12	58.88	49.63	67.63	60.75	66.17	52.96	74.46	49.00	64.63	68.17	70.79
67.92	13	67.92	13	66.42	58.00	54.83	64.13	65.71	54.88	76.38	50.13	67.63	61.96	71.83
67.87	14	67.87	14	69.54	56.63	44.04	64.00	69.83	58.54	71.75	56.04	66.79	67.50	68.83
67.39	15	67.39	15	62.33	61.33	46.96	61.17	68.00	60.58	71.54	62.00	56.25	71.54	73.42
67.30	16	67.30	16	59.58	62.92	61.50	67.50	68.75	64.96	68.50	67.79	55.83	73.58	73.46
66.80	17	66.80	17	66.54	59.75	66.83	59.50	68.63	67.71	70.04	71.17	62.88	72.42	68.33
66.72	18	66.72	18	68.46	66.67	60.96	61.63	66.54	70.96	73.75	72.71	64.75	74.00	61.92
66.44	19	66.44	19	66.42	71.54	59.13	70.88	65.54	62.38	72.67	65.83	64.88	71.71	64.71
66.42	20	66.42	20	65.38	63.54	64.83	71.96	64.25	56.13	71.92	66.79	66.17	73.08	64.08
66.21	21	66.21	21	70.58	58.33	66.17	73.75	65.75	52.88	69.46	59.88	66.42	68.75	57.75
66.18	22	66.18	22	72.58	59.54	69.29	74.38	71.21	55.54	71.58	53.88	62.25	70.75	59.58
65.80	23	65.80	23	73.13	66.17	72.25	73.83	72.83	58.96	71.08	57.75	65.08	68.71	62.63

65.70	24	65.70	24	72.00	64.83	70.13	75.42	72.88	66.83	73.42	61.00	66.21	69.46	64.67
65.53	25	65.53	25	74.75	68.08	71.83	76.75	71.83	69.04	75.13	67.33	65.50	70.29	64.83
65.48	26	65.48	26	73.46	64.13	70.58	76.13	72.96	71.25	74.00	69.71	68.29	70.75	63.42
65.42	27	65.42	27	75.38	63.42	68.21	78.79	72.50	71.67	73.96	70.54	61.50	72.13	60.46
65.21	28	65.21	28	75.29	64.46	64.42	79.63	73.50	70.29	74.63	71.92	64.33	71.46	65.92
65.14	29	65.14	29	77.04	64.08	65.71	66.21	71.50	70.29	75.58	75.79	69.54	72.25	65.63
64.09	30	64.09	30	69.29	68.46	70.46	65.29	72.54	72.29	76.04	74.25	72.33	76.25	69.92
64.06	31	64.06	31	64.17	65.13	73.54	65.67	69.79	68.25	72.75	76.38	72.58	77.17	68.79
75.76	1	75.76	1	65.54	61.58	70.67	60.79	66.96	65.96	64.83	76.25	73.79	75.21	66.58
75.23	2	75.23	2	66.00	64.17	66.33	61.88	64.71	59.75	69.00	76.58	73.54	75.38	67.75
75.02	3	75.02	3	69.04	58.25	61.00	67.42	66.13	63.79	69.71	75.75	76.13	74.83	69.67
74.87	4	74.87	4	72.29	58.13	69.88	67.38	71.50	69.08	73.58	74.00	75.21	71.13	70.00
74.77	5	74.77	5	73.96	66.92	69.96	68.83	67.38	70.46	74.50	64.46	74.13	60.25	72.67
74.08	6	74.08	6	75.83	65.46	64.63	72.67	71.88	69.46	75.92	67.71	77.46	63.08	73.79
73.82	7	73.82	7	76.25	67.13	64.67	74.25	68.46	66.17	74.29	74.13	76.29	68.00	73.79
73.81	8	73.81	8	77.33	71.29	69.29	73.67	72.00	62.58	72.25	76.08	74.71	70.83	74.33
73.79	9	73.79	9	76.96	71.83	68.33	75.83	71.92	65.04	73.04	74.63	75.50	58.21	74.50
73.51	10	73.51	10	76.71	74.13	64.04	76.75	75.67	59.54	73.33	67.25	76.50	65.50	74.42
73.45	11	73.45	11	77.63	74.67	65.63	78.75	78.83	60.00	71.46	62.08	76.75	70.71	76.08
73.06	12	73.06	12	77.75	70.42	66.38	78.04	75.08	65.25	73.08	64.88	77.79	73.42	76.88
72.94	13	72.94	13	77.17	71.04	67.88	77.29	72.79	70.83	74.29	67.96	71.96	73.42	77.67
72.89	14	72.89	14	76.54	70.63	71.21	78.13	69.04	72.92	62.75	69.54	73.67	69.71	76.33
72.84	15	72.84	15	76.58	70.63	71.83	79.29	71.33	70.79	65.25	73.25	76.21	73.50	76.29
72.76	16	72.76	16	76.67	71.63	66.88	78.21	72.88	65.21	69.04	74.71	72.13	74.46	75.46
72.43	17	72.43	17	77.13	72.75	60.96	76.17	75.25	64.71	70.25	75.38	61.00	72.88	70.88
72.17	18	72.17	18	76.54	74.17	64.79	75.38	75.46	70.17	62.50	77.21	63.29	73.00	59.04
72.06	19	72.06	19	76.92	69.88	67.00	75.08	77.13	72.13	63.58	76.50	64.17	72.33	62.38
71.97	20	71.97	20	75.25	74.21	69.17	75.00	78.63	74.04	69.42	73.83	65.54	73.25	69.75
71.91	21	71.91	21	71.38	73.96	69.17	75.08	79.08	75.75	71.96	71.33	70.13	74.67	72.50
71.67	22	71.67	22	71.21	76.46	60.42	76.67	78.67	76.29	76.46	69.17	74.29	69.54	74.54
71.61	23	71.61	23	76.71	76.17	60.08	74.08	78.29	75.54	72.13	66.33	76.92	70.21	75.21
71.45	24	71.45	24	81.29	74.67	67.63	72.92	77.46	73.96	68.79	66.25	78.38	74.67	75.46
71.34	25	71.34	25	74.13	73.38	74.67	74.54	67.79	72.83	73.58	67.50	76.92	74.42	72.79
71.14	26	71.14	26	78.50	67.63	74.79	75.92	70.21	75.79	74.25	71.08	77.92	69.83	69.33
70.98	27	70.98	27	80.42	61.00	71.79	76.92	74.33	76.04	79.75	74.46	78.50	70.33	69.46
70.36	28	70.36	28	81.83	60.25	66.88	77.79	72.75	77.92	76.04	75.54	77.38	73.75	71.29
69.82	29	69.82	29	82.58	60.58	68.75	77.21	76.38	79.00	73.25	75.79	76.08	75.00	71.46
69.77	30	69.77	30	82.42	64.58	68.92	76.42	77.46	71.92	71.58	73.38	65.42	74.67	71.17
80.58	1	80.58	1	82.00	68.25	71.79	78.08	77.38	71.21	74.58	73.71	60.04	73.00	73.21
80.29	2	80.29	2	79.46	70.67	74.50	78.33	79.58	75.38	79.33	74.08	63.29	74.58	74.13
80.22	3	80.22	3	80.79	70.29	74.33	79.50	78.21	77.33	80.79	74.54	70.17	75.83	70.88
80.11	4	80.11	4	80.21	72.08	76.46	81.58	79.58	78.04	75.46	72.67	74.54	77.08	73.92
79.84	5	79.84	5	80.83	71.79	76.42	75.71	80.04	78.67	71.58	74.38	76.67	76.21	74.67
79.78	6	79.78	6	80.46	72.17	75.75	74.21	81.13	77.83	72.33	75.33	79.29	76.04	75.21
79.61	7	79.61	7	78.83	64.46	77.00	76.63	80.71	78.71	73.50	78.25	77.42	75.67	74.88
79.37	8	79.37	8	80.46	64.00	76.75	77.63	81.67	79.13	75.88	79.92	77.54	76.92	73.83
79.11	9	79.11	9	80.63	66.83	76.75	79.50	81.54	79.54	76.33	79.29	77.75	78.25	73.63

78.72	10	78.72	10	80.67	70.63	75.50	78.75	82.17	78.17	76.13	80.13	75.63	78.17	73.58
78.43	11	78.43	11	79.63	73.17	73.71	79.42	83.33	77.58	75.96	76.50	76.92	80.13	74.08
78.39	12	78.39	12	79.33	74.04	75.75	78.50	83.67	77.42	72.96	76.79	76.71	80.79	73.50
78.33	13	78.33	13	78.92	73.33	75.79	79.50	84.75	78.04	74.33	79.17	78.46	81.29	76.58
78.26	14	78.26	14	80.38	75.88	74.00	81.83	85.67	77.25	75.04	79.88	79.25	80.79	77.92
78.16	15	78.16	15	82.25	75.38	74.13	82.13	84.67	78.38	74.50	81.21	78.83	80.50	77.25
78.13	16	78.13	16	80.17	78.54	73.63	81.79	83.42	78.33	76.50	77.13	75.33	79.83	76.46
78.03	17	78.03	17	78.88	75.79	74.08	81.08	83.63	78.29	76.25	78.13	76.50	79.92	76.75
77.97	18	77.97	18	79.67	76.83	75.33	80.00	83.71	79.25	77.29	78.92	75.29	80.92	76.75
77.92	19	77.92	19	79.25	76.75	73.67	77.04	83.67	79.04	80.04	80.58	78.42	77.83	76.13
77.90	20	77.90	20	76.71	76.38	74.50	71.42	79.21	79.92	80.38	80.25	79.50	78.58	76.58
77.88	21	77.88	21	77.88	76.75	74.08	69.50	76.71	73.75	80.58	81.00	76.58	79.17	78.71
77.76	22	77.76	22	76.42	76.88	71.75	69.08	79.71	77.92	81.13	80.17	77.25	79.33	81.29
77.72	23	77.72	23	77.83	76.29	74.79	74.25	79.08	81.92	80.38	80.54	77.67	80.96	79.54
76.65	24	76.65	24	79.29	75.17	77.71	75.83	81.13	80.83	80.00	80.13	79.46	81.83	79.58
76.48	25	76.48	25	82.54	76.79	77.92	75.50	79.67	79.63	80.17	81.46	81.50	82.71	79.42
76.46	26	76.46	26	78.92	78.46	77.88	77.38	81.04	80.50	81.92	82.71	81.33	83.21	78.21
76.27	27	76.27	27	80.29	78.79	77.04	79.92	81.29	82.13	82.04	78.88	81.63	83.79	77.58
76.24	28	76.24	28	81.83	77.71	75.29	78.92	81.08	81.92	77.21	77.04	80.79	83.54	81.29
76.23	29	76.23	29	82.88	78.42	77.67	76.21	81.08	82.29	78.00	79.79	79.21	82.63	81.83
76.03	30	76.03	30	78.46	79.13	77.04	77.92	82.50	81.46	77.58	79.17	77.75	81.54	81.50
75.22	31	75.22	31	75.83	79.92	78.63	81.00	82.79	79.75	79.17	81.04	78.46	80.88	81.92
82.11	1	82.11	1	78.33	79.54	79.88	79.71	83.42	77.38	77.54	83.00	80.63	80.54	76.88
82.03	2	82.03	2	80.63	81.46	79.83	77.54	74.54	75.29	77.21	83.63	79.13	82.04	80.71
82.00	3	82.00	3	81.79	77.54	78.33	78.54	75.29	75.58	77.17	83.71	79.79	83.50	82.58
82.00	4	82.00	4	81.29	80.75	78.50	81.00	77.54	77.54	76.79	84.00	80.92	83.58	81.50
81.96	5	81.96	5	80.79	83.04	80.83	81.92	81.46	80.00	77.71	85.83	78.33	82.75	79.83
81.95	6	81.95	6	74.83	80.88	80.33	81.00	82.00	81.13	76.67	85.79	80.63	83.71	78.67
81.93	7	81.93	7	76.04	80.67	81.58	78.75	81.88	80.25	75.21	84.00	79.08	81.58	80.42
81.79	8	81.79	8	77.54	81.21	84.08	82.88	83.42	79.71	76.75	81.75	78.54	82.04	82.75
81.75	9	81.75	9	78.83	80.79	84.92	84.21	83.42	81.67	76.21	82.67	77.71	81.58	83.33
81.74	10	81.74	10	78.92	82.33	84.63	83.79	82.63	79.58	78.38	83.17	80.33	80.29	83.38
81.74	11	81.74	11	78.38	83.83	83.29	83.79	80.79	80.63	79.21	85.04	82.92	77.46	83.96
81.72	12	81.72	12	80.50	82.88	80.33	83.50	82.46	79.92	81.17	85.33	81.25	79.00	85.33
81.70	13	81.70	13	82.83	82.42	79.79	84.83	76.63	81.67	80.54	84.96	80.46	80.04	85.50
81.69	14	81.69	14	81.79	79.71	80.63	82.75	76.25	81.42	83.25	85.50	81.21	82.46	84.29
81.67	15	81.67	15	81.71	81.46	81.08	80.25	78.38	80.46	83.42	85.88	81.58	83.17	84.50
81.62	16	81.62	16	83.17	79.92	81.71	79.25	79.63	78.04	83.67	86.79	78.92	84.08	83.29
81.58	17	81.58	17	84.54	81.25	81.50	77.04	78.58	77.88	85.08	86.71	77.54	80.13	83.71
81.48	18	81.48	18	80.92	80.04	81.46	77.21	77.58	80.29	85.33	87.42	76.75	81.42	81.58
81.34	19	81.34	19	80.83	81.75	82.17	80.92	76.29	80.08	84.83	87.17	78.17	82.38	78.96
81.33	20	81.33	20	82.42	83.04	80.04	82.04	78.50	79.46	84.58	88.17	78.42	80.42	80.13
81.25	21	81.25	21	81.33	84.83	80.29	82.54	78.50	81.00	84.33	87.79	78.25	80.83	80.25
80.98	22	80.98	22	80.92	84.88	80.88	82.88	79.79	84.08	82.25	87.25	79.38	82.08	75.29
80.82	23	80.82	23	81.79	82.79	79.88	83.63	77.29	84.08	80.46	86.08	78.58	82.83	75.54
80.76	24	80.76	24	79.67	77.13	78.04	85.00	73.63	83.75	78.38	83.67	79.63	80.63	79.00
80.75	25	80.75	25	80.00	76.96	78.83	85.00	79.29	84.13	79.88	84.00	81.42	78.46	80.54

80.56	26	80.56	26	80.38	81.58	80.00	84.71	80.54	83.88	80.42	83.33	79.54	75.42	81.33
80.40	27	80.40	27	81.75	80.00	81.88	83.00	82.67	77.54	82.00	80.63	81.33	76.21	79.13
80.30	28	80.30	28	83.71	79.29	84.63	81.75	81.96	77.67	81.29	83.50	80.71	79.42	76.83
79.97	29	79.97	29	80.67	80.04	83.00	80.67	82.67	79.92	83.13	85.08	80.33	80.08	76.67
79.90	30	79.90	30	79.63	82.13	79.50	79.50	81.71	79.75	83.42	84.25	79.17	80.00	78.67
82.83	1	82.83	1	78.96	83.88	81.04	77.88	82.88	79.33	82.50	85.96	77.54	78.46	79.54
82.82	2	82.82	2	83.21	83.88	80.29	78.50	81.79	82.00	84.54	87.88	78.17	80.67	82.54
82.78	3	82.78	3	84.46	83.54	81.79	78.38	83.13	83.88	86.33	86.54	78.67	81.63	85.13
82.61	4	82.61	4	82.42	85.00	83.29	78.88	83.75	84.08	84.38	86.75	79.04	80.08	81.58
82.58	5	82.58	5	82.83	85.75	83.67	80.08	85.17	78.92	78.96	84.42	81.67	80.92	82.29
82.58	6	82.58	6	83.29	84.33	84.04	78.71	84.63	78.13	79.25	84.33	80.96	83.54	82.58
82.57	7	82.57	7	83.75	85.71	79.92	79.04	84.83	80.13	83.54	81.33	82.00	85.08	81.42
82.55	8	82.55	8	83.88	84.33	80.54	81.04	83.25	83.63	82.25	81.50	80.71	81.63	82.92
82.48	9	82.48	9	81.92	85.08	82.21	83.25	85.00	81.13	82.04	82.42	79.42	81.13	81.54
82.46	10	82.46	10	82.92	84.38	80.67	80.38	83.79	81.54	82.63	80.83	81.75	83.13	81.29
82.40	11	82.40	11	79.50	84.29	81.88	80.54	84.50	83.17	80.79	83.21	83.96	83.04	79.38
82.39	12	82.39	12	76.63	82.50	78.67	80.25	77.92	83.00	80.00	83.92	82.79	84.33	83.92
82.33	13	82.33	13	76.92	80.75	81.13	81.92	80.04	83.42	81.25	80.83	81.25	82.75	81.38
82.32	14	82.32	14	77.29	82.00	80.88	82.50	79.46	83.17	79.42	80.00	80.33	82.25	81.46
82.31	15	82.31	15	80.08	81.08	79.67	82.00	82.67	82.33	80.88	78.25	79.63	78.50	80.54
82.31	16	82.31	16	82.33	83.08	81.96	81.46	81.75	81.54	81.13	78.92	82.92	84.13	79.75
82.24	17	82.24	17	82.67	81.75	84.08	80.00	77.92	84.58	82.46	82.00	80.88	85.04	79.04
82.22	18	82.22	18	82.54	80.50	85.42	79.46	79.71	84.08	81.79	84.21	80.04	82.63	82.13
82.18	19	82.18	19	83.00	80.00	84.96	81.04	84.25	81.75	77.83	81.79	83.13	84.75	83.08
82.15	20	82.15	20	79.79	82.46	84.50	80.92	83.38	84.13	78.54	79.83	84.33	85.17	83.04
82.13	21	82.13	21	82.13	81.17	84.54	79.17	83.21	84.79	82.21	78.67	85.25	82.63	79.75
82.11	22	82.11	22	84.50	79.67	85.83	80.25	83.50	84.92	81.50	80.83	84.21	81.38	79.88
82.01	23	82.01	23	82.42	80.50	84.50	82.13	85.00	85.46	83.29	82.71	84.42	80.25	77.17
81.93	24	81.93	24	80.46	80.25	82.71	80.00	82.83	84.29	83.50	84.04	85.21	76.79	80.08
81.89	25	81.89	25	80.71	82.71	84.63	80.33	79.63	85.58	82.75	84.54	84.71	78.54	80.58
81.88	26	81.88	26	81.71	83.75	84.50	79.71	78.04	85.21	83.63	83.50	84.71	80.83	78.92
81.85	27	81.85	27	81.21	82.92	83.67	82.67	78.13	85.71	81.71	84.21	84.83	82.08	79.54
81.79	28	81.79	28	81.29	84.00	84.29	81.29	79.00	85.38	81.54	84.79	85.71	82.42	80.21
81.69	29	81.69	29	81.63	83.71	86.17	76.42	79.42	85.42	81.96	85.21	86.38	82.75	82.00
81.62	30	81.62	30	79.04	83.04	87.63	78.88	79.00	82.08	82.83	84.58	84.79	79.79	83.83
81.48	31	81.48	31	77.96	83.88	87.58	81.63	83.21	82.04	84.75	83.46	86.83	79.63	80.29
83.20	1	83.20	1	77.29	82.63	84.88	82.38	81.13	83.54	80.21	80.04	86.42	80.92	78.79
83.06	2	83.06	2	82.67	81.58	83.04	81.46	78.33	83.96	78.96	80.25	87.38	80.13	73.42
82.81	3	82.81	3	83.25	81.21	83.75	81.67	78.71	81.00	80.58	81.46	83.63	81.54	78.29
82.80	4	82.80	4	83.42	81.17	84.75	81.67	80.58	83.13	81.25	80.83	80.25	82.67	78.29
82.73	5	82.73	5	83.42	81.25	86.13	81.96	83.17	83.38	81.08	79.58	81.50	82.79	80.63
82.72	6	82.72	6	83.17	80.63	85.63	80.46	82.50	81.75	83.58	79.17	80.21	80.92	80.08
82.72	7	82.72	7	82.88	78.67	86.04	79.00	84.29	83.75	80.79	79.13	84.25	84.08	80.33
82.65	8	82.65	8	84.00	79.04	85.50	77.83	83.25	81.96	80.63	79.96	85.08	85.54	82.67
82.64	9	82.64	9	83.79	77.08	84.21	79.83	79.79	82.46	80.75	81.21	84.08	79.46	80.88
82.64	10	82.64	10	85.04	79.50	81.42	78.33	83.13	83.38	79.96	82.83	84.25	80.33	81.50
82.53	11	82.53	11	85.96	79.04	82.63	79.50	82.71	81.13	81.50	84.63	84.13	83.96	82.04

82.51	12	82.51	12	84.42	78.96	83.50	78.33	81.88	80.46	83.42	84.71	81.50	78.71	83.38
82.50	13	82.50	13	82.29	82.50	83.92	78.79	82.46	84.33	83.75	85.17	84.75	82.58	83.46
82.47	14	82.47	14	84.13	81.00	82.29	77.54	84.67	84.13	84.54	85.83	83.21	81.96	84.08
82.47	15	82.47	15	82.17	79.50	81.96	76.46	84.17	83.54	84.67	83.63	82.67	83.00	83.67
82.46	16	82.46	16	83.42	79.33	83.21	75.96	82.54	82.54	81.58	82.88	83.83	83.92	84.88
82.32	17	82.32	17	83.25	80.29	81.17	80.25	85.00	81.17	82.79	82.63	80.42	83.21	85.42
82.28	18	82.28	18	82.17	82.50	82.83	81.71	85.58	80.67	83.50	83.17	79.33	82.58	84.13
82.21	19	82.21	19	83.46	83.96	85.25	81.04	82.42	81.21	84.75	80.63	79.83	83.50	83.83
82.13	20	82.13	20	79.04	83.17	85.71	80.67	81.38	81.63	84.58	79.46	81.04	83.04	84.21
82.13	21	82.13	21	81.58	81.42	84.88	83.08	81.42	82.50	84.54	80.13	81.25	84.21	83.00
82.13	22	82.13	22	79.25	81.08	85.17	80.58	82.63	82.04	81.42	79.88	78.83	80.33	83.04
82.11	23	82.11	23	79.33	81.17	85.17	80.71	81.29	78.54	80.54	83.04	79.13	82.63	82.42
82.10	24	82.10	24	77.58	81.00	83.13	78.46	81.00	79.08	81.13	82.83	81.54	82.58	83.71
82.09	25	82.09	25	80.00	84.33	78.96	76.38	82.29	80.33	81.54	83.33	82.63	83.13	84.00
82.09	26	82.09	26	82.50	83.67	78.75	78.46	80.38	80.83	81.79	85.79	83.92	79.67	83.79
82.07	27	82.07	27	81.67	83.04	79.08	80.58	83.08	81.58	81.58	85.58	84.13	81.50	82.13
82.03	28	82.03	28	79.54	79.42	79.13	78.04	85.29	82.50	80.58	85.17	85.04	81.83	84.04
81.96	29	81.96	29	79.96	75.79	78.00	78.54	81.42	82.38	82.38	85.08	84.25	80.13	83.17
81.74	30	81.74	30	78.33	79.29	77.08	81.17	81.17	80.58	82.50	84.17	85.88	81.42	81.96
81.73	31	81.73	31	80.58	81.29	79.42	81.71	81.83	80.96	82.50	83.67	82.96	82.04	82.46
82.20	1	82.20	1	79.83	80.33	82.13	82.25	80.38	81.00	79.25	82.88	80.79	82.50	83.92
82.10	2	82.10	2	80.79	79.08	79.54	83.58	82.33	83.17	81.54	79.96	81.17	82.29	82.79
82.00	3	82.00	3	80.25	78.29	82.13	82.88	81.17	83.50	83.13	80.92	82.25	83.25	83.25
81.88	4	81.88	4	81.00	77.79	82.13	79.00	80.50	83.00	83.17	82.00	83.83	83.96	82.46
81.62	5	81.62	5	81.96	80.21	81.92	78.71	78.29	83.29	80.33	80.79	83.96	80.17	81.29
81.54	6	81.54	6	84.08	82.13	79.25	80.88	77.63	85.04	78.83	79.92	79.42	80.46	80.08
81.48	7	81.48	7	82.88	81.67	80.67	78.83	75.63	83.71	79.38	79.17	78.46	79.42	79.17
81.47	8	81.47	8	78.79	78.83	78.13	79.29	77.79	81.75	80.21	80.46	79.42	80.46	78.67
81.44	9	81.44	9	78.38	79.63	82.04	79.13	77.88	79.04	79.42	81.04	81.33	81.50	78.25
81.40	10	81.40	10	79.88	81.04	83.04	79.38	79.33	77.63	80.58	80.71	82.25	81.67	79.88
81.29	11	81.29	11	80.50	81.88	81.38	78.29	79.79	76.50	82.00	79.25	80.75	81.75	80.46
81.27	12	81.27	12	81.96	81.29	79.21	78.71	79.38	80.33	81.42	78.04	81.92	80.63	79.08
81.14	13	81.14	13	81.54	78.92	79.46	75.50	81.83	81.63	80.92	79.88	82.46	82.46	75.46
80.99	14	80.99	14	81.83	78.79	78.63	76.21	83.63	80.75	82.96	80.04	79.42	82.33	71.46
80.97	15	80.97	15	83.63	79.25	79.46	75.88	82.58	82.67	81.92	79.42	80.79	82.54	73.08
80.89	16	80.89	16	82.29	80.96	81.08	77.71	82.00	83.33	81.17	79.75	82.79	78.79	75.08
80.84	17	80.84	17	81.46	80.67	82.75	80.21	82.46	84.88	82.46	78.92	80.67	74.54	76.79
80.81	18	80.81	18	78.71	79.58	83.21	81.38	82.88	84.54	82.46	77.38	78.21	78.83	78.71
80.76	19	80.76	19	80.92	78.67	83.38	79.13	82.63	80.92	81.38	78.54	78.46	79.83	79.21
80.68	20	80.68	20	82.38	80.58	83.00	75.63	80.67	80.00	82.67	78.79	76.17	79.79	79.75
80.67	21	80.67	21	81.42	82.08	81.13	76.88	80.71	79.33	83.79	81.75	78.17	81.79	80.25
80.49	22	80.49	22	79.96	82.79	82.21	77.25	81.42	78.29	81.88	82.33	74.17	83.17	81.04
80.46	23	80.46	23	81.46	80.88	82.17	78.50	82.00	76.63	79.04	82.04	73.38	82.83	81.33
80.40	24	80.40	24	81.50	80.83	81.75	80.13	81.46	77.00	81.21	80.92	75.71	81.38	79.83
80.20	25	80.20	25	80.29	81.13	80.92	76.83	80.04	77.67	82.00	78.50	77.38	82.04	78.04
79.96	26	79.96	26	74.50	82.08	81.29	75.71	82.21	80.88	77.58	80.04	78.92	83.04	73.92
79.95	27	79.95	27	73.00	82.13	79.17	73.63	80.46	81.38	76.71	81.54	80.67	81.79	75.38

79.84	28	79.84	28	77.04	79.88	79.63	76.21	78.92	80.83	81.42	81.58	82.96	78.71	76.79
79.80	29	79.80	29	78.08	79.13	75.42	78.04	81.00	79.79	80.96	81.42	81.00	77.71	73.54
78.76	30	78.76	30	76.21	76.00	73.04	77.83	81.88	79.21	79.38	80.42	81.04	77.63	72.13
78.66	1	78.66	1	75.21	72.17	72.88	77.79	80.92	81.42	80.13	80.92	80.79	76.04	69.13
78.58	2	78.58	2	78.38	69.46	77.50	79.08	81.79	80.17	78.71	80.13	81.29	77.04	68.92
78.55	3	78.55	3	81.58	77.67	77.92	82.21	81.42	77.96	77.63	80.38	78.08	77.04	73.33
78.47	4	78.47	4	78.63	79.67	78.00	79.42	82.88	76.54	78.25	79.46	78.21	79.38	76.08
78.39	5	78.39	5	80.04	72.42	75.88	74.63	79.75	76.46	78.13	81.08	73.83	81.29	78.83
78.29	6	78.29	6	76.29	68.79	72.71	75.88	76.71	75.00	78.13	81.46	76.71	81.00	80.00
78.24	7	78.24	7	68.96	72.83	76.79	77.75	78.50	77.33	78.17	82.00	77.29	79.63	80.04
78.12	8	78.12	8	70.29	76.08	77.33	79.25	78.33	74.88	78.96	80.13	77.83	75.00	76.92
78.04	9	78.04	9	74.21	77.42	75.58	78.42	80.13	75.13	79.04	80.17	81.13	62.63	75.96
77.83	10	77.83	10	75.25	77.71	77.54	78.29	79.46	71.17	78.00	78.71	79.83	63.46	76.50
77.48	11	77.48	11	73.54	74.63	74.75	73.75	78.96	70.46	76.46	77.17	79.13	69.96	77.92
77.42	12	77.42	12	71.08	68.75	71.17	74.17	79.83	72.75	77.46	77.63	79.17	71.79	77.92
77.37	13	77.37	13	73.58	66.17	69.79	74.67	81.00	73.08	78.54	78.88	80.13	72.50	79.29
77.07	14	77.07	14	75.46	71.33	72.50	75.29	78.75	74.92	77.92	77.29	78.04	72.96	78.08
76.14	15	76.14	15	73.75	73.46	75.38	71.79	73.75	75.50	76.67	77.13	77.38	71.21	76.92
75.49	16	75.49	16	67.54	73.58	72.92	72.13	71.33	76.58	75.29	77.46	76.67	69.67	74.92
75.29	17	75.29	17	64.29	73.13	76.75	73.67	73.63	76.96	73.54	75.33	77.75	70.17	66.00
75.28	18	75.28	18	69.08	73.17	76.08	72.46	75.46	76.25	70.50	77.75	76.63	71.04	69.25
75.09	19	75.09	19	70.88	67.42	78.25	73.46	78.29	65.13	67.54	77.83	76.58	73.38	76.29
75.02	20	75.02	20	72.92	68.29	79.08	73.75	75.67	61.50	65.88	77.79	78.50	74.17	78.04
74.92	21	74.92	21	75.50	70.08	80.17	73.79	68.25	65.13	66.79	78.25	72.83	74.67	76.75
74.64	22	74.64	22	77.33	71.67	79.54	75.17	68.33	72.13	68.46	73.58	67.58	74.25	77.67
74.53	23	74.53	23	77.38	70.46	75.13	76.21	75.29	75.58	70.21	66.33	68.88	74.17	77.58
73.61	24	73.61	24	77.29	67.04	74.25	75.46	76.08	77.13	73.04	69.25	60.50	74.38	79.83
73.51	25	73.51	25	76.75	66.92	73.92	74.21	76.38	77.54	76.67	73.08	65.96	72.83	80.21
73.43	26	73.43	26	76.38	70.92	71.29	71.00	77.08	78.83	78.21	73.08	69.08	73.04	71.58
73.28	27	73.28	27	76.04	71.00	72.38	69.04	78.04	79.71	72.79	73.75	69.13	70.88	60.00
72.99	28	72.99	28	74.46	71.63	73.25	69.17	76.42	76.13	58.54	72.04	69.79	70.38	59.58
72.69	29	72.69	29	72.71	70.13	75.04	73.92	66.88	76.25	62.96	71.83	73.08	72.25	64.54
72.41	30	72.41	30	71.92	72.38	77.17	75.33	70.04	76.00	70.50	71.21	75.13	72.96	68.54
71.78	31	71.78	31	67.00	73.04	61.50	76.46	73.50	75.67	72.08	71.67	76.63	71.96	71.38
73.01	1	73.01	1	71.04	75.46	48.13	75.21	77.08	76.08	76.50	72.96	76.50	70.38	75.67
71.65	2	71.65	2	72.79	75.88	58.17	66.25	78.21	75.67	72.92	74.17	72.71	70.67	75.00
71.26	3	71.26	3	66.79	76.75	66.58	70.13	77.42	60.75	67.33	74.79	57.42	70.42	77.00
70.96	4	70.96	4	57.13	77.25	69.79	73.13	72.17	69.38	63.96	71.42	60.83	70.71	74.79
70.68	5	70.68	5	53.96	77.08	73.83	74.50	69.42	75.58	65.21	66.00	67.00	72.38	69.54
70.56	6	70.56	6	63.79	67.50	74.50	72.42	71.50	76.38	68.00	59.25	68.83	73.46	67.29
69.70	7	69.70	7	64.88	58.08	63.17	73.67	74.96	77.67	65.67	64.21	69.17	74.88	65.50
69.62	8	69.62	8	62.50	59.83	66.96	75.67	68.54	71.33	58.50	69.00	69.79	75.79	66.83
69.48	9	69.48	9	54.17	70.54	73.88	75.71	57.92	58.38	59.21	71.54	70.13	74.92	66.13
69.28	10	69.28	10	51.54	73.75	64.79	77.71	67.17	55.75	65.21	74.67	71.38	73.29	67.04
69.21	11	69.21	11	56.38	75.50	64.33	74.08	72.13	58.63	68.83	74.67	70.96	64.25	66.21
69.12	12	69.12	12	56.46	75.92	70.08	69.50	53.33	59.58	71.79	73.71	70.71	65.04	69.17
68.77	13	68.77	13	58.04	69.54	75.71	74.83	59.08	64.00	72.83	72.92	70.25	69.38	68.29

68.75	14	68.75	14	64.04	59.63	79.00	73.54	59.54	66.46	71.96	73.21	68.13	69.46	68.25
68.09	15	68.09	15	69.50	58.42	77.88	76.08	51.08	67.92	63.88	72.00	68.25	57.54	66.92
67.95	16	67.95	16	70.08	60.42	77.00	75.58	56.50	68.13	59.58	74.46	63.58	63.96	68.71
67.73	17	67.73	17	72.17	63.79	75.25	68.25	61.71	69.21	53.42	74.79	63.88	70.67	70.88
67.56	18	67.56	18	72.33	68.71	74.42	62.83	65.33	67.71	59.46	73.54	67.71	68.79	71.79
67.48	19	67.48	19	74.08	70.88	71.54	70.13	65.13	68.25	63.75	75.17	69.00	70.08	70.08
67.20	20	67.20	20	74.13	72.75	67.88	74.21	64.83	71.46	67.46	75.00	71.50	58.63	67.88
67.18	21	67.18	21	73.50	76.25	66.58	73.63	65.08	72.42	72.21	76.42	69.13	52.54	67.38
67.09	22	67.09	22	71.83	75.83	65.79	70.63	56.00	70.00	71.96	74.25	69.38	50.58	68.58
66.92	23	66.92	23	68.08	75.88	68.04	68.42	58.29	63.67	69.67	75.63	67.58	55.38	72.75
66.87	24	66.87	24	57.50	77.13	66.04	59.54	63.42	69.17	59.83	75.13	69.33	67.00	73.46
66.78	25	66.78	25	49.96	77.71	71.88	63.50	59.58	72.29	62.13	72.54	71.50	71.42	75.38
66.73	26	66.73	26	51.25	77.13	74.21	64.58	55.96	66.88	63.71	73.04	71.08	64.50	73.75
66.64	27	66.64	27	62.54	64.50	71.42	69.75	65.58	59.08	65.00	68.46	65.83	59.88	72.71
66.05	28	66.05	28	67.71	55.38	62.33	75.00	71.46	62.96	69.04	64.42	62.38	59.33	73.21
66.02	29	66.02	29	72.21	51.33	55.00	76.50	70.67	65.71	71.75	67.25	64.42	60.63	73.75
65.33	30	65.33	30	76.17	51.00	60.04	74.33	63.54	70.46	67.42	70.04	61.21	61.71	71.96
65.99	1	65.99	1	76.33	54.38	66.13	67.17	61.75	71.13	62.08	70.33	52.25	59.96	70.71
65.87	2	65.87	2	74.83	57.13	66.50	70.21	64.83	63.88	60.79	71.83	53.25	62.21	70.67
65.70	3	65.70	3	73.13	52.96	68.42	74.25	64.92	58.63	67.67	73.21	60.92	57.42	70.75
65.67	4	65.67	4	52.79	59.50	69.13	76.00	64.17	59.25	67.83	74.42	68.29	52.63	72.92
65.56	5	65.56	5	53.42	61.04	64.92	72.67	65.38	64.17	57.83	73.88	71.29	55.21	72.00
65.43	6	65.43	6	61.54	60.83	58.58	70.04	66.71	68.75	51.17	74.13	65.96	54.67	73.67
65.10	7	65.10	7	66.75	67.21	58.71	67.13	67.17	68.13	48.17	72.96	58.88	60.38	74.50
64.87	8	64.87	8	69.88	64.79	60.25	66.21	67.21	61.29	56.38	72.38	67.04	65.58	74.50
64.76	9	64.76	9	68.33	61.21	59.29	72.54	69.63	55.46	68.38	71.29	68.33	71.38	74.88
64.75	10	64.75	10	68.71	65.75	65.58	74.33	54.75	55.33	69.38	73.13	68.08	71.46	74.75
64.17	11	64.17	11	68.67	57.42	61.25	64.33	49.46	61.00	70.25	72.21	69.63	71.83	74.88
64.00	12	64.00	12	71.71	50.88	48.21	58.63	58.21	65.54	65.08	74.63	70.88	71.17	75.63
63.96	13	63.96	13	70.79	51.83	54.67	59.42	64.96	67.83	63.92	72.00	71.83	72.92	74.00
63.87	14	63.87	14	71.83	60.33	62.33	59.25	68.21	61.63	56.92	61.63	67.38	72.17	76.54
63.84	15	63.84	15	61.58	63.67	61.08	61.54	70.58	61.67	51.13	56.83	65.42	73.67	75.88
63.74	16	63.74	16	53.17	69.00	54.54	65.96	69.13	61.29	56.38	54.38	62.42	72.67	75.71
63.71	17	63.71	17	55.00	70.08	55.67	66.08	70.79	66.79	55.71	57.00	61.54	61.75	73.42
63.67	18	63.67	18	57.79	69.21	61.79	62.29	71.38	69.08	56.42	56.88	63.58	47.17	68.38
63.66	19	63.66	19	55.67	70.17	60.54	56.00	70.58	49.08	55.33	65.67	66.33	50.79	63.63
63.63	20	63.63	20	60.29	69.17	63.79	59.71	58.58	38.29	62.08	71.50	64.04	40.83	61.17
63.33	21	63.33	21	62.88	67.42	62.54	62.63	49.42	48.29	66.63	72.33	70.71	46.71	59.58
62.82	22	62.82	22	61.54	70.42	55.54	61.50	49.00	60.08	71.67	70.79	70.04	54.17	62.04
62.66	23	62.66	23	61.88	69.75	52.67	58.54	47.67	62.29	71.67	70.54	62.75	56.00	68.50
62.62	24	62.62	24	66.08	68.83	48.63	56.13	42.79	63.67	72.54	71.67	53.46	57.29	66.04
62.41	25	62.41	25	58.83	67.83	52.21	53.96	42.79	62.38	70.42	70.88	49.46	58.25	53.67
62.18	26	62.18	26	64.17	68.46	50.04	53.79	48.21	64.63	68.17	61.46	47.92	59.71	51.21
62.08	27	62.08	27	69.04	68.83	53.13	55.83	49.46	67.67	64.54	58.92	58.88	61.63	51.08
61.46	28	61.46	28	68.71	63.67	61.58	60.00	47.71	69.42	46.79	63.25	60.58	63.46	59.33
61.43	29	61.43	29	63.88	58.75	63.42	66.38	54.21	71.63	53.92	66.96	55.83	51.25	67.58
61.04	30	61.04	30	56.04	59.46	59.83	68.17	63.38	70.83	53.33	57.50	57.92	45.58	63.67

60.56	31	60.56				31	55.38	67.67	53.00	66.17	66.67	70.00	57.88	55.71	62.96	37.50	57.96

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Tota	Rank	
55.21	65.13	67.92	67.96	67.17	71.04	66.42	62.38	59.96	66.46	65.58	65.96	60.17	64.21	73.42	68.29	53.63	69.50	63.33	64.30	2	64.30
58.29	64.04	68.04	67.38	69.67	64.04	44.46	67.38	47.83	65.79	60.67	67.71	67.46	67.92	66.46	73.29	45.88	70.71	69.42	64.34	1	64.34
48.33	58.17	71.04	66.75	68.42	70.58	40.83	67.96	41.38	63.00	47.08	65.88	48.46	74.71	57.79	74.38	46.79	70.38	75.92	61.65	9	61.65
42.00	47.08	71.50	67.33	60.38	74.63	52.13	69.25	42.96	61.13	44.13	58.38	56.46	73.25	57.29	68.58	47.13	69.50	71.79	59.73	25	59.73
49.83	49.54	69.79	68.42	61.46	74.38	60.67	69.96	42.46	65.00	52.63	63.92	66.25	66.13	57.92	64.46	46.33	61.50	58.54	59.83	24	59.83
62.67	55.21	65.17	68.08	54.58	75.96	63.29	70.79	39.04	60.42	59.38	67.63	58.38	62.08	59.71	67.38	49.38	60.08	57.79	61.57	11	61.57
51.96	48.33	51.38	68.83	47.17	75.50	68.88	67.88	45.13	55.96	62.58	63.08	41.63	58.88	60.08	59.21	53.75	64.38	59.67	60.52	15	60.52
44.63	51.21	55.88	70.33	51.63	70.17	69.71	62.08	48.83	61.00	64.08	71.25	48.75	50.00	66.63	44.00	60.63	64.21	61.08	60.12	18	60.12
48.08	59.29	61.33	68.63	57.71	56.88	67.63	63.83	35.71	54.92	67.13	76.21	63.21	51.21	66.96	53.38	65.04	62.58	66.42	60.04	19	60.04
52.88	64.42	48.67	65.71	65.92	54.58	68.83	63.96	34.58	62.92	68.33	75.67	71.50	54.46	65.42	59.46	67.67	53.67	72.29	61.35	13	61.35
56.58	56.50	47.88	67.63	67.38	61.50	69.33	67.50	37.63	54.67	67.46	73.96	70.46	64.25	52.00	64.29	67.25	58.38	74.71	61.67	8	61.67
59.75	51.75	53.33	70.17	67.08	67.21	69.92	65.08	44.63	44.75	67.29	73.75	61.88	66.75	54.08	66.46	67.38	65.79	75.50	63.02	3	63.02
59.46	55.08	53.92	73.63	67.17	69.08	68.33	60.83	45.17	41.29	56.00	72.46	62.46	66.04	55.75	68.42	55.25	66.75	75.04	61.76	7	61.76
62.67	51.71	54.63	64.46	56.79	71.25	57.00	54.54	54.00	48.54	50.58	71.67	64.79	63.33	58.63	69.21	48.50	59.21	73.63	59.98	21	59.98
61.38	52.08	60.54	58.38	50.75	68.83	53.29	51.21	63.21	56.00	54.17	70.58	57.25	55.71	66.13	68.96	54.04	52.75	73.25	59.58	28	59.58
57.42	55.38	56.50	53.96	56.13	69.00	61.88	52.29	69.13	58.71	59.92	71.63	49.08	56.54	65.92	69.29	57.46	51.46	72.04	60.26	16	60.26
58.67	51.46	60.71	48.33	65.96	65.17	67.46	50.13	64.08	60.58	63.04	63.92	51.04	59.17	60.00	69.63	51.96	56.63	72.96	59.58	27	59.58
62.67	41.67	63.54	48.33	54.92	63.00	62.88	55.92	57.25	63.96	63.25	53.58	50.75	60.96	52.38	67.42	40.46	59.25	70.83	58.49	30	58.49
66.00	48.00	60.88	49.21	56.04	63.50	66.50	63.92	56.08	63.63	59.79	64.33	52.75	57.63	50.42	67.21	50.42	65.17	70.13	60.23	17	60.23
70.25	55.25	51.08	57.08	67.83	62.67	51.21	53.00	60.13	61.79	63.75	66.71	57.75	60.21	51.79	70.50	56.54	58.63	55.67	59.03	29	59.03
69.46	57.46	52.04	61.04	71.17	67.67	57.04	42.71	67.17	63.71	65.83	65.96	62.13	64.04	58.58	72.13	64.54	52.13	49.04	59.67	26	59.67
72.42	63.54	53.58	62.58	73.58	70.75	67.88	45.50	67.04	51.42	66.17	59.92	48.54	67.96	63.08	75.08	67.58	61.21	48.17	61.57	10	61.57
74.38	55.13	53.75	52.17	72.08	66.08	68.75	51.58	66.00	47.63	68.13	57.42	49.08	71.21	52.42	66.54	67.46	68.79	60.79	62.02	5	62.02
72.79	36.50	54.46	42.71	68.71	58.67	64.25	56.50	71.92	58.71	69.63	58.71	49.54	62.75	46.96	64.54	57.08	66.21	67.58	59.97	22	59.97
71.38	47.79	62.04	51.71	60.96	52.17	56.79	62.04	64.54	67.08	72.75	61.21	53.46	54.92	51.67	64.17	58.46	54.21	61.38	58.41	31	58.41
72.83	52.46	67.29	61.25	56.13	51.50	58.79	65.50	57.63	59.71	71.33	62.67	60.33	60.96	63.08	71.25	62.71	54.79	58.75	59.95	23	59.95
70.83	51.67	65.58	63.13	59.38	60.46	60.29	69.46	56.54	50.75	67.29	66.54	63.71	59.08	64.42	61.33	67.92	51.04	62.42	61.15	14	61.15
72.71	52.71	51.92	60.75	63.46	61.29	53.63	70.46	58.67	55.17	61.50	71.08	65.25	55.04	63.75	54.33	68.33	50.29	61.71	61.38	12	61.38
73.46	60.04	53.29	65.58	66.38	48.13	60.04	67.38	63.46	59.79	62.54	71.38	52.21	57.04	56.92	54.83	65.17	52.33	61.71	62.47	4	62.47
74.96	61.54	57.67	63.54	64.46	49.13	67.38	56.96	65.29	59.96	62.79	72.25	46.42	58.33	57.17	57.21	56.96	52.79	60.67	61.86	6	61.86
76.04	61.46	55.50	57.88	58.92	58.25	69.67	51.58	52.83	63.50	66.75	57.00	54.08	59.54	61.58	55.79	56.25	53.54	63.42	60.01	20	60.01
72.67	55.96	64.25	60.08	55.88	67.00	64.96	55.67	56.67	67.13	68.25	54.54	66.96	64.54	69.17	59.13	61.04	63.38	62.08	61.60	23	61.60
70.04	54.92	60.25	62.29	65.71	67.58	60.92	62.50	61.79	69.46	69.13	55.96	69.42	64.00	71.67	64.38	63.21	66.96	56.83	63.05	13	63.05
66.00	58.50	61.04	65.21	66.21	58.71	66.33	54.96	56.38	68.88	70.71	56.46	70.50	55.17	74.83	65.25	63.00	65.46	58.88	62.38	18	62.38
60.17	64.04	65.58	51.00	62.38	56.21	70.54	49.88	63.25	70.29	72.58	56.08	71.17	63.67	68.04	65.54	66.29	63.29	63.79	62.25	20	62.25

58.83	59.00	71.50	55.08	55.79	54.38	71.96	41.42	66.96	65.13	71.83	60.46	71.67	61.88	54.88	60.54	65.42	63.17	71.38	61.10	25	61.10
67.00	62.21	71.58	62.29	57.54	54.75	71.92	49.08	59.96	61.46	72.67	67.50	64.00	57.63	52.08	65.79	67.79	66.50	75.63	61.85	21	61.85
64.96	63.67	58.92	63.42	58.96	57.00	72.79	57.21	49.75	62.46	67.67	69.21	54.46	59.17	51.88	71.29	71.08	67.58	61.00	61.62	22	61.62
52.46	55.67	48.50	64.88	50.96	57.88	68.33	59.75	51.00	52.33	66.08	66.46	57.29	61.42	55.54	70.54	70.04	68.79	60.42	60.11	28	60.11
62.08	53.63	60.33	64.17	54.25	59.08	64.63	63.67	60.13	55.21	64.67	64.00	60.33	60.79	57.04	71.33	70.75	67.88	67.33	60.92	27	60.92
64.25	63.08	67.58	62.67	53.38	60.08	63.29	66.96	50.00	62.08	66.46	68.67	61.04	57.00	52.50	62.54	73.21	70.29	72.33	62.53	17	62.53
64.25	56.88	67.71	49.96	57.67	59.00	63.33	69.25	46.25	51.75	59.50	69.75	63.71	55.50	52.71	64.50	74.75	71.88	74.42	62.76	16	62.76
59.67	56.04	68.88	53.38	47.71	64.63	65.92	68.83	48.54	50.38	44.42	70.83	62.83	55.96	59.25	65.54	74.75	73.79	74.92	62.27	19	62.27
58.42	58.17	70.63	57.79	46.17	65.58	65.50	67.21	46.79	52.63	50.50	71.13	56.71	50.92	60.08	68.33	75.25	59.88	76.33	61.08	26	61.08
60.29	62.17	67.25	64.79	47.79	64.29	53.63	65.92	46.42	54.54	63.25	62.17	53.83	51.33	58.67	68.79	71.42	59.96	71.46	61.18	24	61.18
62.17	67.42	64.92	67.79	57.42	52.75	60.75	69.46	52.63	58.92	69.29	58.79	58.50	60.29	65.17	70.21	71.42	64.92	66.50	63.58	10	63.58
62.08	68.50	54.67	66.42	64.79	48.71	67.42	65.00	49.38	61.63	70.54	57.88	55.21	63.33	64.08	62.21	70.75	67.21	71.75	63.04	14	63.04
60.29	62.96	54.79	66.21	66.38	48.38	70.96	60.63	50.00	65.75	68.79	47.33	60.67	64.71	60.25	59.79	69.58	72.83	74.04	62.91	15	62.91
59.96	56.67	49.79	59.08	65.50	51.08	69.58	65.54	49.54	67.79	69.71	53.96	64.38	53.67	62.63	63.83	68.83	74.88	75.67	63.39	12	63.39
62.96	60.58	53.29	60.08	64.33	49.75	61.17	67.38	52.58	64.54	70.50	64.88	68.29	47.75	63.96	69.25	76.00	73.83	75.50	64.50	8	64.50
68.33	68.92	59.25	65.00	63.17	56.46	61.92	55.54	57.92	67.63	63.08	66.13	71.21	46.17	65.13	68.38	77.46	75.88	75.54	65.47	7	65.47
71.75	71.83	67.71	67.63	64.83	63.08	70.83	55.21	61.67	68.46	63.75	68.33	71.79	58.00	63.83	69.71	77.71	74.88	57.79	66.23	6	66.23
66.58	71.83	65.88	68.58	69.13	64.67	72.88	61.58	65.46	69.83	68.50	72.00	72.04	65.96	67.50	66.92	76.54	75.63	56.75	67.63	1	67.63
57.92	61.96	66.92	70.21	70.96	65.54	71.13	59.38	65.83	71.54	71.92	73.04	70.96	68.21	71.21	68.83	75.67	76.00	63.88	67.47	2	67.47
55.88	62.13	68.00	69.38	65.96	65.88	69.04	59.25	57.00	69.83	74.04	71.67	70.71	65.54	69.42	70.46	74.21	74.83	69.71	66.61	3	66.61
60.13	67.46	64.88	67.29	70.00	68.33	69.67	64.75	48.79	71.29	66.96	73.67	69.08	64.38	58.38	70.42	75.58	68.83	72.50	66.48	4	66.48
62.92	70.08	65.38	63.46	64.08	70.71	72.54	66.83	48.71	72.04	63.33	71.75	66.71	62.79	55.83	68.71	74.71	67.83	69.54	66.47	5	66.47
52.33	68.75	50.50	67.88	56.83	70.88	54.42	67.29	49.42	70.83	73.67	65.21	57.92	58.17	54.58	72.54	74.29	68.46	55.79	63.48	11	63.48
45.21	69.00	55.00	65.33	59.38	70.13	49.38	68.50	53.50	72.71	74.17	62.92	55.79	61.46	59.71	74.67	73.00	67.33	55.33	64.09	9	64.09
58.83	71.50	69.17	60.58	64.04	74.00	64.04	60.71	56.88	72.04	72.54	56.67	61.04	70.88	66.79	74.25	74.83	69.54	59.29	66.42	20	66.42
72.33	68.83	71.21	53.29	66.50	73.29	67.42	51.63	62.08	67.46	73.71	53.54	66.04	71.79	67.38	71.83	72.29	70.54	68.21	66.80	17	66.80
69.38	63.71	73.08	49.75	69.00	61.08	71.58	51.54	52.13	67.63	75.67	47.58	68.25	71.71	64.79	65.79	65.75	70.04	72.46	65.48	26	65.48
49.96	66.92	72.71	56.08	65.33	60.38	71.38	55.63	49.79	68.50	64.13	51.92	69.13	72.54	66.00	65.79	65.21	69.33	75.63	64.06	31	64.06
50.00	74.42	72.96	57.83	62.21	54.50	64.21	64.25	49.58	69.75	60.79	59.38	67.54	72.46	61.13	67.96	62.79	57.50	77.75	64.09	30	64.09
62.00	75.04	71.13	62.92	63.29	59.08	62.38	65.63	52.58	67.67	66.04	58.79	65.21	66.21	63.50	68.92	64.67	52.79	67.25	65.14	29	65.14
64.38	75.88	70.25	65.13	64.88	62.96	71.92	67.71	53.75	61.92	70.67	52.38	59.00	61.13	66.50	70.67	67.04	58.58	60.54	65.80	23	65.80
69.67	72.29	62.54	64.67	60.38	64.63	60.33	68.67	55.96	66.67	74.00	57.75	55.04	68.29	70.33	70.38	57.33	65.00	62.96	65.21	28	65.21
69.75	74.13	60.08	51.50	65.83	68.42	56.71	69.00	60.08	72.63	73.71	63.17	62.83	73.04	72.54	70.75	57.71	70.38	69.00	65.53	25	65.53
68.25	70.88	57.71	55.17	71.21	68.96	64.33	68.71	66.67	62.17	71.13	67.75	64.04	75.46	73.46	70.04	60.75	72.08	72.25	65.70	24	65.70
69.13	71.46	57.63	61.58	73.42	71.33	69.08	69.67	68.25	55.21	72.21	68.67	66.25	76.79	72.71	71.29	69.21	71.33	70.04	65.42	27	65.42
71.46	75.79	60.71	62.17	73.33	70.50	66.04	70.08	64.04	58.00	73.83	63.75	70.38	77.33	73.71	71.63	65.88	69.29	72.21	66.44	19	66.44
68.29	74.00	66.83	66.33	73.21	72.25	63.25	72.83	63.88	60.58	72.75	61.00	59.21	76.79	73.63	67.33	55.58	71.67	74.00	66.18	22	66.18
66.08	72.21	70.33	68.58	73.04	71.83	61.17	73.71	63.33	63.88	74.71	56.96	61.38	74.96	74.29	63.67	55.79	72.58	74.38	66.21	21	66.21
72.88	73.00	69.96	69.67	66.04	72.33	70.33	74.21	62.17	66.67	75.21	57.38	67.00	73.21	75.63	54.21	57.29	73.42	75.79	66.72	18	66.72
74.63	72.21	69.58	70.92	66.13	69.75	74.83	74.42	56.92	68.25	74.96	61.71	70.67	73.25	74.75	52.58	57.21	72.04	76.92	67.87	14	67.87
77.17	71.08	68.38	66.13	68.29	58.50	72.00	72.29	57.83	68.71	75.00	65.33	71.38	71.83	74.00	59.50	63.38	67.08	76.04	67.92	13	67.92
73.88	74.67	67.00	57.38	69.29	59.42	72.96	73.21	58.04	69.96	75.08	68.83	65.04	74.67	72.71	62.83	69.83	64.21	77.58	68.30	11	68.30
74.33	77.38	69.46	56.29	68.17	63.38	73.96	71.92	61.00	70.54	75.42	70.13	62.71	74.54	70.67	66.00	71.71	59.88	77.17	68.35	10	68.35
74.79	79.17	71.21	62.71	72.46	67.50	70.08	73.13	62.17	72.67	75.75	66.79	64.88	72.83	69.96	63.54	73.46	64.63	76.63	68.75	9	68.75
74.42	75.75	68.42	66.88	74.58	69.58	67.88	69.00	64.08	72.38	75.08	58.88	71.71	73.71	58.71	65.67	63.88	64.33	77.17	67.39	15	67.39
67.46	71.71	64.25	74.00	68.75	70.92	67.38	67.08	61.92	70.58	76.58	61.42	70.79	73.63	61.92	69.33	59.50	63.88	77.46	67.30	16	67.30
63.08	64.17	60.54	71.13	66.04	74.29	70.17	64.63	60.33	70.29	76.21	70.96	71.67	73.17	67.33	72.83	61.63	61.88	77.08	68.00	12	68.00

71.54	66.42	64.17	71.67	61.29	73.79	62.38	70.00	63.46	73.54	75.75	73.29	67.79	70.71	72.46	71.71	65.04	68.83	75.67	69.21	8	69.21
74.71	68.75	66.92	74.17	55.17	73.25	57.83	70.88	67.92	72.79	74.96	62.58	65.92	71.42	69.00	72.04	67.29	70.63	78.42	69.67	7	69.67
74.54	72.42	70.38	75.79	54.92	73.71	62.63	72.38	66.96	73.33	73.04	52.92	55.63	74.08	76.33	72.96	70.96	69.79	78.58	69.87	5	69.87
72.00	71.25	71.25	75.71	57.25	74.50	65.96	73.29	68.75	76.46	75.25	50.08	60.75	69.13	76.67	72.38	72.92	64.54	77.54	69.81	6	69.81
68.25	69.79	69.04	69.54	63.08	72.17	69.96	77.21	67.88	70.29	74.67	56.33	70.54	61.63	75.08	72.42	71.00	66.46	77.04	69.94	4	69.94
72.29	71.21	69.79	66.50	67.75	74.25	72.04	70.67	63.67	72.33	74.79	61.29	69.67	62.71	71.08	74.29	73.17	68.17	77.63	70.23	3	70.23
75.25	63.67	67.29	66.88	71.25	73.33	73.25	67.96	63.13	73.83	75.58	64.33	62.79	62.79	72.75	74.17	73.50	70.79	77.08	70.56	2	70.56
76.50	52.96	70.63	75.17	72.21	74.21	73.54	75.21	62.58	69.92	74.58	68.33	63.42	69.13	75.63	73.50	70.42	70.33	78.71	70.71	1	70.71
75.50	56.67	61.04	74.92	71.42	72.25	74.54	77.29	64.04	69.29	75.13	72.04	65.75	70.50	77.88	74.33	73.08	68.29	70.88	69.77	30	69.77
74.50	62.96	63.29	67.13	69.83	73.75	73.71	77.38	68.79	70.46	75.38	71.83	69.21	72.00	74.33	75.96	73.71	66.13	69.17	69.82	29	69.82
70.08	67.21	64.58	61.04	71.38	74.17	75.25	75.38	70.58	73.54	76.83	73.88	70.63	73.46	67.50	79.29	75.29	67.25	71.79	70.36	28	70.36
71.42	72.46	66.04	64.50	72.67	74.50	76.63	72.79	70.83	75.88	76.67	70.58	72.38	73.00	68.25	78.79	73.88	72.46	74.17	71.67	22	71.67
70.67	74.04	64.00	69.92	68.79	71.21	76.08	77.46	71.38	67.71	75.13	67.75	72.46	75.71	70.71	79.08	71.54	73.38	68.75	70.98	27	70.98
68.83	76.50	65.29	73.58	69.04	63.21	69.13	73.33	71.17	66.38	76.00	65.54	74.04	76.46	72.29	72.04	74.04	75.92	73.50	71.14	26	71.14
69.71	78.17	68.75	72.63	72.17	58.67	70.92	60.00	72.71	73.13	71.29	70.79	75.83	77.33	71.42	66.38	73.58	77.08	76.25	71.34	25	71.34
74.13	77.58	72.92	70.46	75.08	57.50	73.50	60.54	73.83	76.29	71.13	74.79	71.75	77.75	71.42	66.08	73.88	75.33	76.88	72.17	18	72.17
74.88	71.17	73.33	69.21	72.67	58.25	75.71	68.96	71.46	77.38	72.42	75.75	65.58	77.04	67.29	69.25	78.63	74.96	79.46	71.97	20	71.97
75.13	61.21	72.96	71.25	69.21	63.58	75.88	72.79	70.88	78.04	74.21	76.13	67.38	77.29	70.04	73.13	73.58	71.92	78.88	71.91	21	71.91
75.96	62.46	71.17	70.88	69.63	71.67	75.04	75.13	73.71	77.92	75.04	78.38	72.21	77.58	72.96	73.50	69.38	74.33	75.79	72.84	15	72.84
71.50	66.54	69.79	72.17	71.33	73.83	76.04	76.75	71.71	76.42	74.17	76.17	75.00	77.38	72.25	73.92	71.50	76.96	82.92	73.51	10	73.51
74.08	69.58	69.29	71.67	70.83	75.17	67.13	77.63	72.92	73.38	74.17	75.67	74.25	78.25	73.67	75.25	75.33	79.00	84.00	73.79	9	73.79
73.79	70.46	59.96	70.38	71.25	76.71	63.33	71.25	73.33	74.33	74.25	75.63	76.21	78.00	74.79	75.17	76.75	78.21	82.46	72.89	14	72.89
74.75	72.58	61.75	63.08	72.21	69.71	57.50	68.17	71.79	77.04	75.92	77.50	73.63	78.79	73.54	75.58	74.63	69.13	80.58	72.43	17	72.43
77.71	72.04	65.50	63.21	73.00	60.75	61.13	69.75	71.75	77.46	76.42	81.00	63.79	78.63	74.63	74.79	64.67	71.13	68.83	71.45	24	71.45
75.75	72.21	69.00	63.83	75.21	68.46	66.33	72.17	71.63	71.71	76.58	78.42	69.75	77.67	72.75	74.75	65.96	73.29	75.38	71.61	23	71.61
76.38	72.92	70.50	65.17	76.04	69.21	70.17	72.04	67.58	74.08	76.83	79.04	71.00	78.38	71.38	76.88	70.04	77.13	75.50	72.06	19	72.06
76.42	76.29	69.83	68.75	76.38	70.04	72.00	72.83	69.71	78.88	75.29	79.29	67.21	77.71	71.46	78.50	70.67	74.33	80.00	72.76	16	72.76
76.58	75.63	69.17	70.13	77.13	70.38	72.54	73.92	70.63	79.71	77.38	69.17	65.54	75.00	72.71	76.79	71.88	67.25	78.63	72.94	13	72.94
78.42	74.46	71.17	69.96	77.54	70.63	71.04	71.71	71.79	78.71	71.88	70.50	66.58	75.67	74.63	75.58	75.54	66.38	74.50	73.06	12	73.06
78.25	74.79	73.54	70.04	77.67	72.13	72.38	73.21	72.04	77.13	70.17	72.25	67.75	77.58	74.79	73.33	77.33	68.63	76.71	73.45	11	73.45
77.96	70.96	75.13	69.96	77.75	72.04	73.17	74.33	74.29	78.17	68.67	74.50	70.33	75.75	73.63	76.54	77.67	70.96	80.83	73.81	8	73.81
79.13	72.92	75.79	61.13	76.75	73.42	75.13	76.67	76.00	76.54	63.83	73.42	72.25	79.79	74.88	72.79	76.08	72.04	74.50	73.82	7	73.82
78.75	74.83	76.79	62.71	78.00	74.92	75.67	77.42	74.04	76.17	67.67	75.38	74.00	79.17	77.33	70.92	73.96	73.46	78.58	74.08	6	74.08
79.08	71.46	76.17	67.04	78.71	76.67	75.29	76.96	73.08	78.29	72.50	77.29	75.96	81.50	76.67	75.42	72.92	73.83	78.96	74.77	5	74.77
78.79	72.75	71.63	69.96	76.42	76.88	75.42	76.96	73.58	81.04	74.17	77.75	77.17	79.58	76.58	78.42	75.00	73.25	72.13	75.02	3	75.02
77.71	75.46	72.42	69.29	73.25	74.33	76.17	76.71	68.21	81.04	77.04	77.54	79.42	74.42	77.83	80.58	73.50	74.75	74.96	74.87	4	74.87
78.58	75.54	75.21	73.17	71.92	75.13	71.75	77.33	70.75	78.13	79.63	77.58	80.38	77.54	78.75	82.92	76.96	78.04	77.42	75.76	1	75.76
79.25	76.17	77.50	75.38	71.00	76.79	71.71	76.96	77.38	76.58	79.33	76.38	78.79	73.04	79.63	81.29	79.29	78.63	73.83	75.23	2	75.23
79.88	74.67	77.75	72.67	71.33	77.88	73.67	76.75	80.50	78.58	80.25	71.54	78.21	72.92	79.25	79.79	77.96	78.50	71.33	75.22	31	75.22
81.04	77.13	78.17	74.04	71.67	76.75	75.38	77.33	81.38	80.96	80.75	72.04	73.88	72.29	79.88	81.08	77.96	77.00	75.13	76.24	28	76.24
81.42	76.67	73.42	75.63	73.13	78.33	75.67	78.46	80.63	78.29	79.50	75.00	68.67	75.25	79.71	79.88	78.33	76.54	76.63	76.46	26	76.46
81.96	77.50	69.33	71.75	74.54	79.54	76.88	79.13	79.75	79.38	79.38	73.83	70.79	74.71	72.83	77.67	78.42	78.33	76.92	76.48	25	76.48
83.17	80.21	71.25	71.38	74.29	80.38	75.38	79.25	80.33	76.33	79.08	70.17	74.54	76.38	73.38	72.63	78.29	77.17	76.29	76.23	29	76.23
82.58	80.88	74.88	69.17	76.83	78.04	76.75	80.42	80.17	74.46	79.21	69.38	76.46	75.79	70.04	69.42	79.08	77.38	77.33	76.27	27	76.27
80.88	81.17	75.21	69.08	77.67	70.38	77.54	79.96	80.88	74.63	78.25	70.50	78.63	76.38	71.50	70.58	79.92	79.04	72.63	76.03	30	76.03
81.13	80.92	75.71	71.92	78.92	68.58	78.83	79.88	79.83	74.46	78.08	72.17	81.08	76.00	71.13	74.96	79.83	80.33	71.88	76.65	24	76.65
80.54	81.63	76.25	73.00	76.96	74.29	81.00	81.08	79.46	77.83	80.38	74.17	79.63	77.38	74.54	76.88	79.71	78.88	78.00	77.72	23	77.72

81.63	81.88	75.79	73.21	78.29	76.08	81.21	81.58	78.21	80.67	78.21	77.96	79.67	78.58	76.83	78.50	79.54	78.71	74.67	78.03	17	78.03
82.46	81.71	78.88	73.88	79.33	78.33	81.96	81.88	79.13	81.38	79.58	78.92	80.92	79.88	78.71	78.04	80.83	79.00	76.25	78.72	10	78.72
82.46	81.46	79.42	75.21	72.79	76.83	76.54	80.17	79.46	81.54	80.13	78.38	80.29	80.04	78.29	77.00	80.79	79.92	77.63	78.26	14	78.26
80.92	79.79	79.17	76.63	73.21	78.08	75.83	76.79	80.29	80.46	78.83	75.08	81.00	80.17	78.33	77.17	76.54	77.29	79.04	78.16	15	78.16
80.38	77.42	78.25	74.25	73.33	77.63	76.63	76.21	79.79	76.96	80.46	72.92	79.58	81.04	78.92	77.42	74.08	75.21	79.08	77.92	19	77.92
77.29	79.54	77.92	76.17	76.88	78.00	77.08	78.67	79.17	76.13	80.58	75.88	77.67	79.25	76.29	79.83	79.17	76.79	80.04	78.39	12	78.39
77.88	80.46	76.75	76.92	69.08	77.71	79.58	78.79	78.63	72.04	74.83	76.75	71.04	79.79	79.88	82.33	79.08	78.92	81.25	77.76	22	77.76
80.75	82.04	77.13	77.92	71.17	78.50	79.88	77.33	78.42	71.83	77.75	78.58	72.96	79.21	78.08	83.13	80.21	79.13	80.71	78.13	16	78.13
80.63	81.63	78.13	79.29	74.13	78.58	80.04	71.13	79.67	71.88	79.46	79.67	74.92	79.50	79.00	83.75	80.04	78.46	76.04	78.33	13	78.33
73.46	78.46	77.75	78.71	76.83	76.75	78.96	67.42	79.04	72.67	79.92	80.04	77.17	79.79	81.21	81.83	78.17	79.63	78.92	77.97	18	77.97
70.79	79.42	79.50	76.88	77.88	76.08	79.00	70.67	81.38	78.42	78.42	79.42	77.83	80.25	80.04	82.25	75.04	80.88	79.42	77.90	20	77.90
72.38	79.58	78.13	78.13	77.92	77.50	81.33	72.54	83.04	80.79	79.00	75.96	75.54	80.46	78.67	80.58	77.08	81.29	81.88	77.88	21	77.88
72.75	77.08	78.71	76.88	78.04	77.67	79.63	75.58	83.21	82.17	79.54	78.00	77.13	82.63	79.25	81.42	78.04	82.96	81.25	78.43	11	78.43
75.50	75.33	79.46	78.25	77.88	78.21	82.00	76.21	82.88	82.54	81.08	80.00	79.75	79.63	77.88	81.08	79.33	81.13	81.83	79.11	9	79.11
77.42	78.75	79.17	79.17	79.04	78.17	82.33	76.21	81.00	82.88	83.08	82.63	80.08	80.21	78.13	79.63	78.58	80.54	80.38	79.61	7	79.61
76.79	79.88	79.08	80.83	79.75	77.13	82.21	76.83	79.25	80.63	85.04	82.00	80.08	81.92	81.42	77.38	76.83	80.88	78.25	79.78	6	79.78
77.17	80.13	81.21	77.29	80.00	77.00	78.00	77.08	78.67	81.71	83.83	78.13	78.63	80.92	79.58	74.92	73.58	80.83	80.96	79.37	8	79.37
78.42	79.79	80.88	78.21	81.54	77.50	77.79	78.79	78.88	82.04	83.79	78.75	76.71	80.71	79.63	75.67	76.92	82.13	83.67	79.84	5	79.84
80.67	80.00	81.67	79.46	81.96	78.75	79.71	79.63	80.21	82.21	82.25	79.29	78.08	80.63	81.13	79.25	78.75	83.79	82.42	80.22	3	80.22
77.79	77.63	82.00	79.17	83.50	79.29	82.63	80.21	78.46	84.08	80.00	79.71	77.33	79.21	80.08	81.75	78.46	81.08	81.04	80.11	4	80.11
79.67	80.50	84.04	81.92	81.08	78.71	83.17	79.67	78.92	82.50	82.33	81.08	77.83	80.04	80.88	81.83	76.17	81.71	82.46	80.29	2	80.29
78.17	80.75	85.38	78.42	80.79	78.42	82.54	77.63	80.38	83.42	82.63	81.08	78.13	80.29	81.63	83.17	79.58	82.46	83.17	80.58	1	80.58
80.08	81.50	84.71	76.00	78.21	73.25	83.50	79.54	81.46	76.08	77.29	79.50	78.38	78.38	82.04	82.67	79.96	82.58	85.00	79.90	30	79.90
82.42	82.92	84.21	76.75	79.67	73.58	83.29	79.42	82.75	80.83	80.92	79.71	78.54	74.83	82.79	78.17	80.50	82.71	83.21	79.97	29	79.97
82.75	82.21	83.13	77.08	80.29	77.54	83.42	78.21	82.54	82.79	81.46	80.46	78.54	78.63	82.58	79.42	81.42	83.29	79.54	80.30	28	80.30
83.04	81.88	81.08	75.58	80.96	79.17	83.42	78.71	81.54	83.25	81.75	79.04	79.17	81.67	83.13	76.83	82.38	83.83	77.04	80.56	26	80.56
82.13	79.50	79.88	78.42	80.79	80.38	85.58	78.17	84.96	81.88	79.50	79.67	79.46	81.88	80.04	76.71	82.08	82.71	78.38	80.82	23	80.82
81.83	81.29	81.88	79.83	80.75	80.29	85.92	78.54	85.38	81.13	78.46	77.17	80.79	80.46	76.88	77.88	77.88	83.04	77.04	80.40	27	80.40
81.88	82.33	80.46	80.83	81.13	80.13	85.13	79.08	85.63	83.08	77.00	80.63	80.96	79.96	82.08	78.83	79.08	83.33	81.67	80.76	24	80.76
77.50	82.33	79.71	79.46	80.75	77.92	81.25	78.63	85.00	83.63	76.25	79.50	81.71	81.75	82.29	79.96	78.38	81.96	83.75	80.75	25	80.75
80.67	80.08	79.54	77.96	82.54	80.50	80.29	80.63	82.71	82.50	79.50	80.17	81.29	82.88	79.88	79.25	80.00	79.33	84.25	80.98	22	80.98
80.92	81.75	79.88	77.50	81.50	81.96	80.13	83.25	81.96	83.50	83.13	81.83	81.75	77.33	80.67	78.96	80.92	78.38	84.75	81.25	21	81.25
82.08	81.25	81.63	81.38	79.71	83.67	81.79	82.83	84.50	83.33	83.33	81.83	77.96	80.13	81.50	79.04	80.42	80.88	82.17	81.62	16	81.62
81.46	81.00	83.75	80.50	75.50	83.67	80.29	82.46	87.21	84.25	82.33	83.71	79.54	79.08	82.17	80.67	78.92	82.17	82.13	81.75	9	81.75
82.42	81.58	82.08	82.17	80.13	76.92	79.71	81.88	85.88	84.08	83.17	83.54	78.50	83.92	84.21	81.25	81.04	80.13	80.00	81.74	10	81.74
82.96	82.92	79.79	82.29	80.54	77.92	83.08	82.83	86.50	85.42	81.96	82.75	79.29	84.58	84.96	80.42	80.38	78.71	81.96	81.95	6	81.95
83.42	81.00	79.92	83.67	81.04	81.00	81.75	84.04	85.79	85.46	79.38	80.71	78.92	83.88	84.50	79.13	81.96	80.04	83.38	82.03	2	82.03
83.42	79.92	83.08	82.92	80.67	82.96	79.63	84.25	84.17	83.00	81.63	81.25	79.13	84.50	84.54	80.83	80.96	78.38	80.00	81.79	8	81.79
76.88	80.21	83.54	83.42	82.04	82.67	83.13	83.33	85.46	85.63	81.25	84.54	80.42	85.38	84.92	82.21	83.79	78.83	81.63	82.11	1	82.11
75.46	76.92	82.46	81.96	79.08	81.21	84.21	82.33	84.04	85.17	81.25	84.75	79.42	85.13	83.33	82.83	83.67	81.50	82.75	81.58	17	81.58
78.54	79.17	84.17	81.67	78.54	81.92	81.42	85.04	83.17	84.58	79.75	83.63	79.25	84.38	80.54	79.79	82.79	79.71	82.67	81.48	18	81.48
77.63	77.33	84.00	78.92	80.63	81.08	83.92	85.75	83.04	86.08	78.13	83.17	81.79	85.17	80.46	82.83	83.42	83.88	83.46	81.93	7	81.93
77.25	78.88	83.83	77.25	82.54	82.21	77.33	86.67	81.29	86.88	79.67	79.88	83.42	85.58	80.29	84.63	82.88	84.33	83.92	81.96	5	81.96
77.79	77.75	84.50	77.21	83.50	80.29	76.88	88.04	83.13	86.13	79.63	77.67	83.54	84.83	83.58	84.75	83.50	83.58	84.00	82.00	3	82.00
78.17	78.13	85.21	75.88	82.92	81.58	83.79	87.71	85.67	85.04	77.46	78.38	82.63	83.17	84.08	83.50	84.33	83.83	85.42	82.00	4	82.00
76.71	81.58	83.25	78.25	79.79	82.88	82.08	82.71	86.46	83.71	77.21	80.13	83.71	82.54	84.17	84.58	82.21	82.83	86.63	81.33	20	81.33
77.25	81.75	84.00	78.88	76.58	83.54	79.04	84.54	86.29	82.54	79.88	80.46	84.50	82.08	82.88	85.38	80.38	84.96	86.71	81.67	15	81.67

80.13	80.92	83.71	82.21	79.33	83.42	77.71	80.00	85.25	79.46	80.25	79.79	85.67	83.25	81.92	82.54	82.33	86.29	86.92	81.74	11	81.74
80.42	80.25	79.63	79.75	83.00	81.46	81.96	82.21	83.38	81.50	79.21	81.42	84.29	85.00	81.92	84.63	82.71	84.38	87.33	81.69	14	81.69
78.71	79.63	79.46	79.75	82.67	81.46	83.38	84.38	81.42	79.63	80.54	84.13	85.04	83.33	83.42	83.75	81.42	82.25	86.42	81.72	12	81.72
78.58	80.17	78.29	79.75	83.29	81.71	82.88	84.63	83.00	80.29	79.96	80.92	87.17	83.83	83.54	83.92	80.29	79.33	87.17	81.70	13	81.70
76.54	82.46	81.38	79.92	84.25	81.71	83.46	80.58	79.75	78.67	81.29	79.71	84.75	85.29	83.21	83.71	77.67	81.46	86.71	81.34	19	81.34
76.33	82.42	82.21	83.04	84.75	82.25	80.58	78.00	80.08	79.33	83.00	76.67	83.63	85.25	84.17	82.17	81.67	84.29	86.67	81.48	31	81.48
77.00	81.63	79.96	83.08	80.29	80.67	79.13	79.38	77.17	81.63	83.13	78.75	82.92	82.83	81.33	84.21	82.50	84.88	86.88	81.69	29	81.69
80.63	81.63	81.38	84.33	79.50	81.21	78.67	83.54	78.17	82.21	83.46	78.04	82.63	82.71	84.08	84.63	80.50	83.50	85.50	82.33	13	82.33
80.79	81.00	81.58	84.75	81.21	78.79	80.88	84.88	75.92	82.04	83.08	78.17	82.25	82.71	84.92	85.04	79.83	82.83	85.50	82.18	19	82.18
79.58	82.54	81.50	84.83	80.92	80.71	83.50	84.75	76.04	82.29	82.46	79.04	80.96	79.13	86.04	85.75	78.79	82.08	84.58	82.01	23	82.01
81.33	84.63	83.79	84.54	83.54	82.50	80.54	83.42	77.58	85.21	83.17	83.00	78.96	81.71	86.38	86.00	79.58	81.04	83.79	82.48	9	82.48
80.50	84.33	81.71	84.79	78.29	84.46	79.58	82.25	82.33	81.00	83.92	83.71	78.50	80.13	84.88	84.58	80.46	79.29	85.21	82.22	18	82.22
79.33	83.17	82.96	83.54	77.92	84.83	78.08	82.04	81.96	77.88	84.42	82.83	80.67	81.13	85.33	84.50	82.50	79.38	85.71	82.13	21	82.13
78.25	82.29	84.63	77.46	79.79	85.63	81.17	78.96	84.00	82.54	83.67	83.75	79.13	83.88	85.46	84.42	83.46	79.00	86.63	82.31	16	82.31
80.08	84.75	86.46	81.46	79.88	85.75	83.33	80.58	83.88	83.88	80.42	81.04	80.38	84.79	84.63	83.33	83.00	80.00	86.58	82.58	5	82.58
78.83	80.50	82.96	82.25	78.04	86.08	83.83	80.88	84.04	84.13	77.71	80.38	81.00	84.04	85.33	81.79	81.88	80.04	86.58	82.15	20	82.15
78.38	79.79	80.92	80.83	79.42	85.67	81.71	81.08	84.46	84.38	78.92	80.46	82.00	81.58	84.54	82.58	81.58	78.83	87.46	81.62	30	81.62
79.04	77.50	82.75	80.71	79.33	86.29	80.79	83.63	84.92	85.92	81.46	79.29	81.04	82.46	81.92	84.67	82.71	81.42	86.25	81.79	28	81.79
83.33	79.75	85.50	81.83	81.88	85.04	83.83	84.17	85.42	86.29	83.21	78.54	82.50	81.92	83.92	83.54	82.96	84.42	86.92	82.46	10	82.46
84.21	79.21	85.08	81.50	83.54	84.50	80.75	84.92	81.00	85.17	79.71	80.46	80.96	81.71	85.21	85.00	81.88	83.54	84.04	81.93	24	81.93
84.58	80.13	81.42	81.71	84.33	81.96	79.08	85.54	83.13	82.75	79.42	78.92	78.79	79.13	82.46	83.83	83.46	83.83	83.33	81.89	25	81.89
86.75	82.54	78.96	82.79	83.29	82.21	80.79	85.50	87.04	84.00	78.08	78.38	82.25	78.96	84.50	82.04	83.50	81.67	83.67	82.24	17	82.24
84.88	81.71	78.79	83.92	81.08	84.13	81.08	84.96	83.79	84.29	78.29	77.67	82.83	80.63	84.42	81.54	81.92	81.13	83.63	82.11	22	82.11
84.21	82.00	77.42	84.29	79.08	84.38	83.04	81.83	86.58	83.38	83.08	77.42	83.67	81.42	83.04	84.00	82.42	81.63	83.46	82.40	11	82.40
83.58	83.88	77.25	84.21	79.38	83.88	84.42	78.92	87.13	84.96	84.58	78.83	84.54	81.46	85.21	84.00	80.42	81.08	84.33	82.61	4	82.61
79.21	83.96	81.75	84.83	80.54	82.04	84.71	82.96	87.00	85.67	82.67	82.33	82.46	83.13	83.42	82.42	82.50	79.21	82.79	82.57	7	82.57
77.29	81.96	83.92	84.42	80.67	79.67	82.00	83.54	86.38	83.88	79.75	84.17	81.04	84.25	82.04	82.04	85.00	79.25	81.88	82.32	14	82.32
80.79	83.04	81.63	84.92	82.13	77.83	79.96	84.63	82.25	82.71	79.04	81.67	83.54	84.67	80.96	79.38	79.83	80.33	79.21	81.88	26	81.88
82.63	80.63	80.46	82.08	83.71	78.83	77.75	84.54	83.67	85.29	80.96	83.83	83.63	79.21	80.38	84.21	82.67	78.13	82.75	81.85	27	81.85
81.17	79.63	83.00	84.13	84.58	82.54	81.17	84.00	84.75	86.00	84.25	82.92	83.38	79.13	81.79	84.46	81.88	76.71	81.38	82.39	12	82.39
81.25	80.00	80.63	83.67	84.63	84.88	81.71	80.63	84.58	85.33	84.13	82.46	84.25	80.04	84.08	85.88	82.67	77.29	83.75	82.55	8	82.55
83.00	80.79	80.92	85.00	80.83	84.54	81.75	81.04	86.08	81.42	84.67	83.67	85.71	78.67	86.08	86.54	83.96	79.71	83.67	82.82	2	82.82
83.13	81.71	80.08	84.71	78.63	82.50	81.71	84.29	85.13	82.88	84.21	81.38	85.75	80.50	85.50	86.04	82.29	82.79	81.63	82.83	1	82.83
81.71	81.88	79.79	82.42	81.08	83.25	81.46	84.13	84.21	85.54	84.79	83.21	83.96	80.50	84.25	85.67	79.67	81.88	83.00	82.78	3	82.78
81.08	82.46	83.67	81.58	82.79	83.96	79.42	82.00	87.04	86.29	83.25	82.71	84.38	80.21	84.13	83.00	77.88	82.63	83.54	82.58	6	82.58
83.33	81.04	82.00	82.00	84.33	79.50	78.33	81.29	87.21	83.04	80.58	82.00	83.13	79.25	83.79	79.75	79.33	82.46	85.79	82.31	15	82.31
83.63	80.63	79.17	83.29	84.08	79.25	79.25	83.92	86.38	84.29	82.83	82.13	84.08	77.58	83.88	82.04	80.71	79.42	87.29	82.07	27	82.07
79.92	78.88	80.54	84.17	85.54	78.13	81.17	84.58	83.71	85.79	84.21	82.13	82.54	79.29	85.50	80.17	80.88	78.96	84.79	81.74	30	81.74
79.46	80.33	82.13	84.13	83.67	83.54	80.58	84.79	84.00	86.13	82.46	84.29	82.17	78.04	82.50	83.29	81.50	80.83	85.08	82.13	20	82.13
82.83	81.42	80.00	84.96	81.50	84.63	80.42	84.38	84.29	86.83	83.25	85.25	83.21	82.29	80.92	84.75	84.25	82.88	85.58	82.72	7	82.72
83.04	83.25	82.92	82.75	82.58	85.08	80.54	80.08	83.79	86.25	82.58	86.46	83.67	81.96	81.50	84.21	82.96	82.04	83.71	82.81	3	82.81
83.83	83.29	84.88	80.67	81.79	85.42	82.67	82.25	84.17	86.04	80.92	82.67	84.67	82.71	80.46	84.92	82.96	83.17	83.58	82.64	10	82.64
79.83	81.50	79.04	79.25	82.50	84.79	84.54	82.08	85.00	87.79	82.25	82.04	84.00	82.79	78.83	85.71	82.79	81.50	84.75	82.47	14	82.47
80.29	78.88	79.17	80.21	83.29	85.13	83.63	81.46	83.17	85.17	85.08	82.46	83.96	79.21	78.88	85.38	83.92	83.88	85.33	82.47	15	82.47
79.33	76.50	80.63	82.50	84.04	86.38	83.08	85.04	81.00	80.33	85.38	80.58	83.92	82.21	77.88	85.25	85.17	84.75	83.42	82.03	28	82.03
81.42	78.29	81.92	84.58	83.38	85.79	83.46	84.88	80.38	81.88	83.08	83.79	82.83	83.25	81.63	86.08	85.00	85.21	85.25	82.73	5	82.73
81.08	78.75	83.38	85.13	85.04	85.79	82.92	85.04	80.71	85.79	82.50	85.21	81.67	83.67	82.88	85.92	80.38	84.46	84.21	83.06	2	83.06

80.33	82.38	82.92	84.08	85.54	82.63	80.79	84.50	83.38	87.08	80.92	85.50	83.17	84.54	82.46	84.79	82.08	84.25	83.42	82.80	4	82.80
80.29	84.17	78.25	84.83	86.42	82.25	83.21	83.46	85.58	85.21	82.88	84.96	83.96	81.88	83.17	85.13	81.71	81.25	83.25	83.20	1	83.20
80.46	79.58	77.08	82.42	81.50	84.04	79.04	80.83	86.13	86.54	83.63	83.04	83.42	80.17	83.29	86.04	81.96	82.54	84.13	82.64	9	82.64
80.33	82.29	78.83	83.08	79.96	81.83	80.92	81.33	86.00	86.38	83.75	83.38	77.71	78.38	84.63	87.08	81.79	81.92	84.63	82.32	17	82.32
83.13	80.08	81.33	85.21	80.38	83.54	80.79	79.88	85.88	85.54	85.04	84.71	81.33	79.79	83.46	86.75	83.42	78.71	82.96	82.53	11	82.53
81.92	81.63	81.46	83.83	79.08	83.46	81.54	81.13	85.25	83.71	83.04	82.38	83.58	81.75	83.92	86.21	84.13	78.25	81.96	82.46	16	82.46
81.17	82.67	81.46	84.50	79.96	83.17	81.21	80.63	84.17	82.83	80.17	80.67	84.67	83.38	83.54	83.38	85.25	81.08	83.21	82.51	12	82.51
80.88	79.54	82.17	85.71	79.58	85.88	78.42	81.96	86.17	82.50	82.88	80.54	85.25	82.50	84.04	84.88	82.71	82.96	81.04	82.65	8	82.65
82.04	78.42	84.04	84.00	78.79	87.42	80.33	84.42	86.79	81.88	83.54	80.96	85.38	83.17	83.21	86.29	83.13	82.00	81.92	82.72	6	82.72
80.00	77.96	81.29	83.04	79.04	86.75	80.96	82.96	84.08	83.17	79.42	81.13	85.92	83.71	83.75	86.46	83.25	83.88	80.13	82.50	13	82.50
81.83	78.33	81.88	83.46	80.33	86.17	80.96	79.79	83.33	84.71	76.75	80.50	83.83	85.54	84.67	87.46	83.63	85.08	80.75	82.11	23	82.11
82.96	79.21	81.71	82.58	83.88	84.71	79.75	81.42	79.96	84.13	80.92	80.83	81.54	85.83	86.79	84.92	83.58	85.08	82.50	82.21	19	82.21
83.79	80.54	81.08	83.21	80.96	82.17	81.42	82.33	79.08	82.42	82.63	81.17	82.46	85.42	84.50	83.17	81.17	85.92	83.29	81.96	29	81.96
84.08	78.21	79.75	83.58	78.88	81.29	82.88	81.04	79.83	83.75	80.54	80.25	83.88	85.33	85.54	83.38	80.92	86.54	86.50	82.10	24	82.10
83.08	80.75	81.13	82.42	80.21	81.50	83.42	79.33	82.21	85.33	79.08	81.00	83.04	84.54	82.79	84.04	81.08	83.96	85.46	82.13	21	82.13
78.88	79.88	83.46	80.29	81.08	82.71	83.50	80.46	79.88	88.08	79.83	81.33	84.00	79.63	82.54	82.38	83.58	82.17	85.13	82.09	26	82.09
79.42	80.96	82.71	83.00	83.38	84.29	83.21	80.75	81.88	83.71	83.46	81.88	85.50	80.13	84.00	80.83	81.67	83.21	83.71	82.28	18	82.28
79.54	82.67	83.96	84.13	85.04	85.88	81.75	83.46	81.46	82.42	81.88	83.17	83.38	79.38	82.13	82.00	78.50	86.50	84.46	82.09	25	82.09
78.17	83.96	83.25	84.50	80.88	84.79	79.17	83.88	82.67	81.96	83.00	83.21	83.08	80.17	81.29	83.25	78.21	83.92	79.04	81.73	31	81.73
80.00	84.21	82.04	84.25	84.33	83.17	81.21	84.13	82.13	81.38	84.67	81.96	81.75	80.25	76.04	86.42	80.63	84.46	81.42	82.13	22	82.13
81.21	81.67	80.21	83.42	82.88	82.42	84.83	79.71	82.83	80.75	85.29	82.96	82.75	80.46	79.13	84.83	83.71	83.50	82.08	82.00	3	82.00
81.25	79.96	83.54	81.33	84.50	83.96	83.50	78.29	80.25	83.13	82.50	83.38	82.29	83.33	80.96	78.96	81.71	82.63	84.75	81.88	4	81.88
82.75	79.83	84.00	82.58	81.88	83.21	83.46	78.00	81.75	82.29	82.17	83.88	82.33	83.79	79.92	81.33	80.17	83.21	85.38	82.10	2	82.10
81.75	78.17	81.46	83.33	81.17	84.04	82.33	80.58	83.88	82.50	82.67	82.29	79.71	83.25	82.29	83.67	81.58	85.38	87.08	82.20	1	82.20
78.46	76.21	75.92	80.00	80.96	83.83	80.38	80.50	81.63	84.54	82.79	82.92	80.54	81.50	80.42	83.71	83.25	87.96	85.67	81.40	10	81.40
79.96	81.00	79.54	80.33	83.00	84.17	82.50	81.21	80.63	81.67	79.58	81.25	80.75	80.42	82.29	81.67	80.25	87.50	83.25	81.29	11	81.29
82.13	81.25	82.71	80.46	79.38	82.96	83.79	81.63	80.92	77.88	81.00	79.88	80.50	77.50	83.17	85.04	79.29	83.38	81.08	80.76	19	80.76
81.67	79.00	81.38	80.96	77.58	81.04	83.88	83.00	80.79	76.96	83.25	82.88	80.88	81.25	82.67	83.71	80.13	83.88	81.71	80.68	20	80.68
81.92	79.88	79.04	81.50	81.38	81.00	82.79	83.46	81.71	77.17	80.33	83.79	80.67	83.04	84.67	83.88	79.21	85.38	81.38	80.99	14	80.99
82.79	80.54	81.67	82.29	81.13	81.04	82.83	83.25	84.38	79.17	81.79	83.50	82.50	83.83	85.21	79.17	80.33	86.33	81.38	81.62	5	81.62
77.33	79.46	82.38	81.33	81.38	83.00	84.71	80.58	83.25	82.21	81.29	83.50	82.71	83.29	84.92	78.92	83.13	85.58	82.54	81.47	8	81.47
75.92	79.04	80.50	80.33	81.38	82.21	83.71	77.38	82.42	82.83	80.67	80.54	82.54	80.42	81.79	80.58	84.33	84.92	80.71	80.81	18	80.81
79.79	79.88	81.92	82.38	80.00	81.54	82.96	82.71	84.25	82.54	81.33	79.21	82.63	78.42	81.88	80.13	81.75	83.88	78.08	80.84	17	80.84
80.75	82.29	81.38	83.04	83.46	81.67	82.38	82.13	83.75	82.08	81.33	82.33	80.25	80.83	82.54	81.88	82.50	84.00	79.42	81.14	13	81.14
82.38	81.46	83.04	81.96	84.13	83.17	82.50	81.29	82.17	82.50	81.17	80.17	81.79	80.96	82.96	83.13	84.29	82.42	80.50	81.44	9	81.44
82.42	81.00	82.46	81.42	82.21	82.79	82.46	81.58	83.25	82.63	79.67	80.21	80.79	79.08	83.08	85.25	84.58	84.17	82.08	81.54	6	81.54
82.17	80.96	83.13	83.00	82.92	80.67	81.92	81.25	83.42	83.88	80.88	80.42	77.17	77.88	83.63	83.88	84.17	85.33	81.88	81.48	7	81.48
83.00	78.46	81.58	83.96	83.67	79.79	81.67	82.21	82.33	81.58	77.88	80.46	80.25	78.71	82.75	83.67	83.13	84.29	82.92	81.27	12	81.27
82.67	80.75	79.88	84.13	80.04	76.29	80.71	83.88	81.50	81.08	81.17	79.71	76.38	80.67	83.50	83.58	83.92	81.50	82.13	80.89	16	80.89
82.46	80.88	75.42	81.38	80.42	76.54	79.21	81.17	81.71	82.88	79.67	81.17	75.46	82.71	82.50	84.38	82.33	80.50	81.71	80.40	24	80.40
82.00	81.96	76.42	80.63	78.29	81.96	79.33	83.42	82.13	83.17	78.67	80.38	78.58	82.92	83.75	84.17	80.83	81.50	81.83	80.97	15	80.97
81.38	81.38	79.92	79.46	82.50	77.75	78.96	81.92	81.42	80.54	78.75	82.04	77.08	82.25	83.29	83.25	83.08	81.71	78.88	80.67	21	80.67
80.08	79.79	79.58	81.71	82.38	78.08	79.25	83.04	82.75	81.13	81.50	78.79	76.96	81.50	83.25	82.63	81.29	81.08	79.58	80.49	22	80.49
79.04	82.13	78.46	83.38	81.75	80.71	77.75	81.88	82.00	82.54	77.75	77.83	77.17	80.08	83.38	82.25	82.25	80.42	81.17	80.46	23	80.46
80.83	78.42	76.88	82.04	82.08	81.58	72.33	81.67	82.42	80.46	77.13	76.17	77.29	80.04	82.17	82.88	83.04	81.08	81.96	79.84	28	79.84
81.71	77.96	75.71	80.63	81.88	80.46	74.79	82.88	81.63	78.92	79.46	81.33	77.42	79.88	79.00	83.58	83.33	81.25	82.00	79.80	29	79.80
81.96	82.67	79.50	79.67	77.88	80.33	76.00	82.96	81.67	81.08	81.00	77.38	78.50	78.67	80.79	84.58	83.08	82.71	82.17	79.95	27	79.95

82.08	80.88	79.75	79.04	76.96	82.71	76.67	81.83	80.13	82.46	80.29	78.04	79.54	78.00	80.21	85.17	82.83	83.88	81.42	80.20	25	80.20
83.33	76.21	79.54	80.00	78.63	81.21	79.42	82.88	79.54	82.67	80.58	79.21	78.08	80.63	80.04	82.50	84.21	83.92	80.25	79.96	26	79.96
81.58	74.71	79.21	82.25	77.29	79.25	76.71	73.38	78.54	80.75	81.38	79.29	80.08	81.21	81.46	80.58	84.17	84.38	71.71	78.76	30	78.76
82.42	75.13	80.04	82.17	78.46	77.46	79.38	72.33	78.17	75.13	81.75	81.75	80.00	81.92	81.25	81.17	82.63	83.25	75.50	78.58	2	78.58
82.17	73.21	81.29	80.54	81.29	78.08	75.00	75.79	77.00	69.96	80.25	80.88	80.63	79.58	80.25	81.96	82.42	82.75	76.21	78.39	5	78.39
80.50	76.04	80.38	81.17	80.21	81.00	76.00	78.04	76.13	72.00	76.96	81.33	81.29	75.33	77.88	79.96	82.17	83.04	75.21	78.66	1	78.66
78.92	76.42	78.92	78.58	79.83	82.67	77.96	80.88	73.08	75.92	78.25	81.46	77.42	71.83	80.21	80.08	81.92	81.58	74.08	78.55	3	78.55
81.92	78.29	78.50	78.33	79.25	79.54	77.04	82.04	71.75	76.46	78.58	81.46	67.92	73.42	81.25	79.00	82.42	83.00	78.67	78.04	9	78.04
82.04	79.38	78.75	78.83	78.71	82.08	76.46	83.04	71.08	77.08	79.13	80.33	71.63	74.50	80.13	82.38	80.92	81.54	82.83	78.12	8	78.12
81.21	78.08	77.67	79.83	78.88	81.63	76.92	83.46	69.75	75.71	78.71	80.00	77.88	76.54	79.67	85.13	80.71	79.63	83.46	78.47	4	78.47
80.75	77.96	76.71	79.96	75.83	81.92	78.67	83.54	72.88	72.83	77.75	80.92	78.38	78.58	80.75	84.17	79.75	79.33	82.96	78.29	6	78.29
81.63	78.67	78.33	81.42	72.17	81.17	79.96	84.71	74.88	71.75	77.88	74.83	80.63	79.83	80.75	84.42	81.75	79.38	83.08	78.24	7	78.24
79.42	76.96	78.75	81.33	72.46	79.83	78.96	83.50	75.67	76.08	77.33	75.38	80.33	78.08	75.83	84.88	81.29	80.58	82.17	77.83	10	77.83
80.88	79.21	74.21	80.54	75.71	79.83	78.00	84.08	76.04	78.29	76.58	76.54	79.54	76.08	74.29	84.29	82.21	80.54	80.71	77.48	11	77.48
80.21	78.21	76.63	79.50	78.33	76.67	80.29	82.88	75.79	79.21	76.67	76.63	80.75	72.96	76.75	82.50	78.25	79.13	79.00	77.07	14	77.07
78.79	80.42	77.04	79.00	76.63	77.83	79.50	83.25	76.25	78.42	76.79	76.75	81.54	75.67	77.83	81.58	76.92	80.04	79.08	77.37	13	77.37
77.42	79.83	74.25	78.21	73.88	76.96	79.21	81.96	75.54	77.21	79.58	76.38	78.13	76.96	78.79	81.88	81.25	81.38	81.29	77.42	12	77.42
74.67	72.63	71.17	76.50	73.04	78.54	78.29	82.71	70.58	74.13	78.63	73.38	75.67	78.29	78.00	80.96	82.71	81.29	79.96	76.14	15	76.14
72.08	71.63	67.04	74.75	76.75	79.17	77.79	80.00	71.50	76.54	76.67	75.54	73.42	76.00	79.38	82.08	83.25	81.63	81.25	75.49	16	75.49
68.13	73.96	71.17	74.54	77.71	79.79	75.83	66.13	72.46	77.54	73.88	77.46	71.29	76.67	78.92	77.88	82.75	79.33	79.21	74.53	23	74.53
69.79	73.58	75.50	75.58	79.63	81.75	74.38	57.17	72.75	76.71	76.83	79.71	71.00	74.00	79.08	76.96	82.33	76.00	78.88	74.64	22	74.64
71.79	73.58	78.04	77.04	80.75	81.13	69.58	61.42	74.46	75.54	77.96	80.21	75.04	72.71	78.67	78.63	80.96	80.38	77.58	75.02	20	75.02
74.79	74.17	79.08	80.75	81.13	77.50	72.58	69.42	75.46	65.54	75.25	80.50	74.79	74.54	77.25	79.79	80.46	80.88	79.04	75.28	18	75.28
77.38	74.38	78.21	79.08	81.46	78.63	73.88	73.58	74.96	63.79	72.08	78.83	76.13	74.79	76.63	80.21	78.13	80.17	78.25	75.09	19	75.09
78.13	76.50	75.17	79.50	81.67	82.21	75.08	76.33	73.92	64.04	74.67	78.08	75.25	76.17	68.63	81.79	74.92	81.96	78.88	75.29	17	75.29
76.79	76.71	73.83	77.67	74.13	81.63	77.17	77.63	76.46	67.33	75.25	74.13	72.50	77.21	69.38	79.54	76.25	77.08	79.75	74.92	21	74.92
77.17	73.46	71.88	66.54	59.63	73.63	76.04	75.04	78.96	68.38	77.08	66.75	70.00	77.13	70.33	74.63	76.96	80.63	79.96	73.28	27	73.28
77.63	77.00	75.33	58.75	64.17	72.13	75.00	67.38	79.42	70.67	76.71	69.17	68.71	77.50	72.29	68.79	75.92	81.63	80.25	73.43	26	73.43
78.25	77.83	74.50	57.21	70.46	72.75	68.00	73.54	80.17	73.96	77.42	67.33	68.79	77.29	75.25	65.58	77.29	80.63	81.50	73.61	24	73.61
79.13	77.75	73.17	60.63	76.08	74.71	67.75	78.63	81.00	74.50	73.13	67.75	71.29	74.21	75.58	70.75	72.58	81.58	82.42	73.51	25	73.51
80.00	76.17	73.17	65.17	71.08	76.29	55.54	79.79	80.21	72.67	69.17	70.21	74.46	77.54	75.92	72.17	67.04	82.71	81.46	72.41	30	72.41
80.08	71.88	73.46	64.54	65.54	74.25	53.42	81.46	76.96	72.88	62.00	73.96	75.21	75.71	76.04	65.29	68.83	81.75	80.63	71.78	31	71.78
79.63	72.04	75.54	65.17	70.75	75.21	61.50	81.54	74.67	68.29	61.96	75.88	75.21	74.83	77.21	60.46	74.38	82.50	72.79	72.69	29	72.69
72.58	75.83	76.96	68.71	74.42	77.75	67.42	79.08	74.96	70.04	64.79	76.04	69.75	77.96	76.13	65.08	74.29	82.54	74.46	72.99	28	72.99
69.38	75.08	78.50	67.79	77.33	77.00	68.83	75.04	75.08	67.79	68.42	77.50	61.54	79.33	76.04	70.00	75.67	76.50	78.46	73.01	1	73.01
68.33	75.88	78.46	68.13	73.83	73.00	69.00	70.63	73.33	69.58	66.71	71.42	54.38	79.79	76.63	71.63	74.04	74.58	67.63	71.65	2	71.65
69.17	75.54	77.33	71.29	69.33	67.33	71.54	70.67	75.83	70.17	69.67	66.92	61.17	80.08	74.92	74.17	66.42	73.33	66.67	70.56	6	70.56
73.67	78.50	76.54	69.96	69.63	66.75	66.38	74.54	70.92	64.63	69.46	69.38	67.63	80.79	73.96	74.25	72.29	77.71	71.33	70.96	4	70.96
76.21	78.33	68.00	73.21	72.38	65.67	65.75	71.75	60.46	63.00	71.29	73.96	72.42	81.33	74.46	73.79	76.58	80.00	74.71	71.26	3	71.26
73.63	76.25	65.13	73.42	73.50	67.08	66.50	69.38	53.96	66.92	67.38	76.33	71.79	79.88	72.38	74.17	75.92	78.25	75.67	70.68	5	70.68
59.88	76.96	64.92	74.58	71.46	63.38	68.38	71.58	56.25	70.96	60.96	73.00	68.29	77.96	72.13	75.29	76.96	79.13	77.21	69.70	7	69.70
67.17	78.58	65.79	75.83	68.96	59.21	67.42	73.42	59.04	71.42	58.04	70.92	61.88	76.83	69.13	74.04	78.04	76.29	76.83	69.12	12	69.12
74.50	72.75	66.54	71.63	67.92	61.08	65.71	76.50	62.88	70.63	61.21	72.67	61.08	76.92	68.21	74.13	77.83	70.08	78.33	68.77	13	68.77
76.58	71.33	71.67	71.33	68.25	63.21	64.88	75.29	64.58	67.83	65.54	73.50	64.29	75.88	66.92	69.46	75.58	70.00	79.96	69.28	10	69.28
77.21	73.75	72.75	69.79	69.08	66.58	68.83	71.96	68.67	57.96	69.21	72.63	65.04	75.00	63.33	71.83	75.21	73.00	76.54	69.48	9	69.48
75.71	73.71	72.63	70.58	70.00	68.67	76.46	61.50	68.54	63.29	72.38	70.96	65.13	75.42	65.33	73.42	77.92	73.96	77.75	69.62	8	69.62
65.67	72.08	71.08	72.25	62.29	69.50	78.42	63.17	65.00	68.63	72.38	61.17	67.00	75.96	65.21	75.25	77.17	63.42	75.67	69.21	11	69.21

63.71	64.46	70.71	71.88	65.42	69.13	77.08	66.17	65.58	73.50	68.79	63.25	62.04	69.29	64.21	71.29	77.33	70.00	75.58	68.75	14	68.75
70.29	67.21	69.13	75.50	70.83	66.92	73.63	64.58	68.08	75.13	66.42	67.83	60.08	71.79	61.96	66.71	66.38	68.96	77.67	67.95	16	67.95
69.17	71.63	67.04	73.92	70.25	53.46	55.88	65.46	71.50	76.17	61.88	71.08	67.92	75.04	63.50	66.25	57.46	60.96	76.25	67.09	22	67.09
60.92	74.21	64.88	69.33	60.04	58.96	54.58	67.33	72.29	73.00	66.17	73.83	70.21	76.46	63.71	67.38	61.29	54.54	68.63	66.73	26	66.73
54.71	76.29	65.92	64.17	57.04	66.79	56.83	69.38	67.29	68.17	65.04	74.83	52.38	78.42	65.83	67.63	67.54	62.38	65.96	66.64	27	66.64
59.50	71.29	67.25	68.75	58.79	70.79	50.71	66.92	66.46	73.54	60.04	73.00	49.29	77.00	66.00	67.83	71.13	62.46	66.50	67.18	21	67.18
67.17	62.96	70.96	73.46	53.71	71.21	56.04	67.96	68.96	75.13	64.25	71.42	54.46	75.29	56.21	65.46	70.29	63.25	70.38	67.48	19	67.48
67.88	64.04	70.42	71.33	51.71	71.54	60.46	71.96	69.58	75.71	63.50	74.83	63.38	73.25	57.04	69.21	65.29	65.79	70.71	68.09	15	68.09
64.21	67.29	71.38	62.42	55.63	71.46	55.67	73.58	71.58	75.33	61.00	75.21	69.38	72.29	62.63	70.29	63.58	68.04	70.88	67.56	18	67.56
50.79	70.29	72.00	56.00	59.29	66.38	59.38	72.79	72.00	71.88	59.83	71.79	74.33	59.46	66.25	71.00	68.13	70.25	71.00	66.87	24	66.87
55.38	71.29	73.92	68.00	61.92	68.04	62.38	71.46	71.88	67.67	60.92	65.08	74.38	63.38	69.17	64.88	71.71	66.25	70.88	67.20	20	67.20
62.33	66.79	68.88	69.29	66.54	74.33	61.50	68.25	72.96	67.63	56.83	66.92	73.00	68.75	70.58	65.21	69.04	62.38	72.92	67.73	17	67.73
61.04	69.92	57.54	68.04	69.13	74.58	55.38	62.17	72.58	71.50	61.75	72.67	58.71	71.42	69.00	66.75	72.00	65.33	72.13	66.92	23	66.92
61.29	71.79	65.54	71.29	70.92	71.79	56.75	54.46	69.58	72.71	67.46	62.96	57.00	71.63	67.67	66.71	58.21	66.58	72.50	66.05	28	66.05
58.63	68.88	66.21	72.58	73.08	73.42	60.96	55.75	66.63	66.83	66.29	50.42	52.00	70.50	69.96	71.50	51.58	69.96	71.63	65.33	30	65.33
50.50	51.38	65.67	70.79	73.79	72.25	66.83	60.75	74.67	65.46	64.96	59.96	59.17	71.13	72.71	73.54	56.21	69.21	72.38	66.02	29	66.02
58.13	56.79	68.67	60.08	77.04	69.38	67.46	66.54	74.96	58.71	67.75	64.00	66.33	71.25	74.08	71.25	65.13	68.67	69.33	66.78	25	66.78
60.13	59.79	70.75	55.42	75.33	70.50	63.88	71.33	61.50	57.38	67.67	64.79	68.71	73.79	72.88	70.71	72.50	72.88	54.08	65.87	2	65.87
53.17	61.13	67.29	57.63	75.29	71.04	54.71	73.50	50.67	63.50	70.92	64.00	70.21	74.75	66.21	69.75	76.88	64.29	51.92	65.10	7	65.10
56.67	63.88	60.50	58.88	74.08	71.38	55.00	68.88	52.54	66.46	71.50	69.79	71.13	71.08	67.25	70.21	77.13	53.83	60.42	65.43	6	65.43
68.25	68.29	57.38	63.67	66.21	58.25	62.42	58.21	57.21	69.46	69.67	71.67	71.04	67.88	72.79	70.88	69.67	59.58	67.46	65.56	5	65.56
70.88	65.54	62.83	67.88	60.83	61.21	64.46	57.17	62.79	71.29	68.46	72.67	71.96	70.63	75.38	72.75	56.13	60.88	65.38	65.70	3	65.70
56.08	50.75	70.42	62.88	64.75	66.08	65.25	54.13	45.63	70.29	70.88	74.96	71.21	71.13	75.46	71.50	55.92	61.13	60.46	64.17	11	64.17
56.25	47.63	72.13	63.75	65.54	68.67	58.25	66.29	44.17	65.08	67.96	74.08	65.25	66.17	67.71	69.96	62.79	63.92	59.71	63.84	15	63.84
64.50	54.58	73.00	65.79	53.71	74.42	60.17	70.67	47.25	54.42	70.83	74.50	60.50	66.00	63.71	74.38	66.83	69.92	52.04	64.76	9	64.76
63.33	65.25	73.13	68.42	57.13	73.50	70.08	71.71	50.54	65.42	69.17	74.54	56.00	68.63	56.88	60.67	69.25	70.96	54.38	65.99	1	65.99
67.96	67.71	72.50	59.25	63.88	73.54	72.83	66.58	52.67	66.42	69.67	73.25	54.88	68.58	59.79	51.29	57.13	72.29	58.71	65.67	4	65.67
64.38	56.96	63.54	56.63	68.71	74.29	68.63	57.13	51.29	67.71	72.13	70.71	54.58	68.96	66.71	51.79	51.79	71.58	60.42	63.96	13	63.96
59.13	54.04	52.92	53.96	69.58	73.08	58.17	69.92	56.88	69.50	72.88	64.04	52.00	72.42	70.96	61.29	53.88	70.58	65.50	63.71	17	63.71
66.79	62.71	62.54	55.67	70.79	71.83	56.00	72.75	45.96	68.46	64.04	62.46	55.88	73.67	68.79	54.75	65.71	71.21	68.25	64.75	10	64.75
58.46	65.25	53.17	58.46	71.38	72.42	65.88	73.04	39.42	68.54	58.63	71.71	54.92	75.13	68.42	62.79	70.67	69.63	69.92	64.87	8	64.87
48.63	54.04	44.96	65.75	67.33	75.88	71.46	72.46	43.88	68.83	64.92	67.46	56.21	74.96	68.25	67.04	66.04	65.17	63.50	63.66	19	63.66
50.96	63.63	55.00	57.38	68.88	66.38	70.17	68.63	52.29	71.46	69.04	56.71	59.04	74.50	66.13	65.25	61.67	71.33	65.79	63.63	20	63.63
55.21	57.88	58.96	58.63	73.33	47.25	70.42	67.54	61.71	68.21	70.50	56.54	64.08	74.92	72.08	66.96	57.13	74.29	60.54	63.67	18	63.67
64.54	51.83	59.92	61.21	73.54	56.92	70.63	69.21	61.25	61.08	70.13	59.04	57.79	68.96	75.13	69.42	59.13	59.67	51.13	62.82	22	62.82
67.96	55.04	57.67	56.63	71.13	62.17	69.08	59.08	53.58	64.46	62.75	61.75	61.25	56.38	75.04	70.13	59.88	57.63	58.29	61.46	28	61.46
64.33	48.21	48.79	54.83	70.71	65.54	65.58	53.63	50.58	69.29	69.13	71.21	65.58	62.13	71.42	70.50	63.67	64.96	63.29	61.43	29	61.43
54.38	49.96	53.88	50.13	74.38	65.79	68.00	50.63	54.21	70.67	57.25	74.46	69.04	71.25	64.75	72.88	59.96	68.79	62.75	62.08	27	62.08
56.17	58.21	65.79	48.04	74.58	60.79	55.88	54.58	59.96	71.33	51.13	74.17	70.54	74.63	62.92	68.58	55.50	69.88	60.25	62.66	23	62.66
61.96	61.88	66.79	52.00	71.63	66.08	61.00	60.63	59.25	72.17	53.04	73.96	73.54	75.71	70.08	70.08	52.79	66.08	61.17	63.74	16	63.74
69.08	61.79	54.96	57.75	74.54	66.92	72.79	67.50	53.50	72.54	60.96	63.75	73.42	75.13	72.13	69.08	57.58	62.83	66.75	64.00	12	64.00
59.92	54.54	52.38	63.50	72.96	65.63	74.04	68.25	58.42	71.42	66.04	61.04	61.58	75.42	73.79	64.08	61.21	69.21	51.38	62.18	26	62.18
50.63	58.25	49.00	55.46	62.58	63.96	74.58	56.83	50.04	69.08	65.75	66.50	63.08	75.92	74.33	62.21	64.83	70.38	45.75	60.56	31	60.56
53.13	60.29	50.29	53.88	52.79	67.75	72.04	53.25	43.00	67.67	51.83	64.38	70.21	76.00	72.38	67.67	69.71	72.25	53.71	61.04	30	61.04
51.92	62.04	56.79	57.33	62.54	72.63	71.00	54.00	41.75	56.13	56.96	71.13	71.00	76.08	71.58	64.79	73.88	73.63	62.50	62.41	25	62.41
51.63	65.42	61.92	63.75	69.54	72.58	68.88	48.88	46.21	56.42	65.75	69.46	70.42	76.29	68.83	58.92	71.33	75.54	64.17	63.33	21	63.33
57.75	66.83	64.58	59.58	74.04	72.63	65.54	57.33	59.79	62.67	48.46	62.46	69.29	76.04	56.92	56.96	71.04	74.17	66.92	62.62	24	62.62

67.96	68.71	66.92	64.75	75.83	74.04	62.63	64.83	66.92	67.25	57.42	63.46	62.67	74.92	59.38	61.00	70.92	62.00	73.46	63.87	14	63.87

Tallahassee Florida International Airport

Average of TLH_Actuals_Temp_Avg_D	Column Labels																										
Row Labels	**1991**	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
1	**54.27**	**50.03**	**57.86**	**48.81**	**50.45**	**50.13**	**53.48**	**54.08**	**53.21**	**51.91**	**46.89**	**52.77**	**45.71**	**49.98**	**54.12**	**56.92**	**54.08**	**50.90**	**52.19**	**46.63**	**46.60**	**54.28**	**59.26**	**47.69**	**52.48**	**51.03**	**57.53**
1	60.67	53.17	65.46	47.25	57.13	63.38	64.13	36.08	49.96	61.79	32.38	40.96	58.54	50.92	61.58	65.21	59.50	49.33	48.54	49.63	61.79	60.25	59.00	52.71	54.83	58.21	64.71
2	60.50	57.42	62.63	56.92	51.25	66.54	62.42	47.67	60.63	63.63	33.50	39.63	59.38	57.92	58.54	70.75	47.38	36.54	59.71	40.92	58.96	51.00	63.92	56.33	61.63	50.38	68.63
3	58.67	54.17	63.96	56.79	46.46	47.83	66.88	60.79	47.08	61.46	31.46	36.08	45.42	62.88	58.88	63.63	56.71	33.00	65.13	34.25	43.92	37.58	52.08	37.54	68.63	50.17	69.08
4	57.38	49.67	66.08	47.13	44.46	39.92	68.04	64.75	34.04	63.88	34.54	33.46	38.67	65.04	58.54	54.21	62.96	41.54	65.79	35.25	48.46	35.04	47.13	46.88	68.83	51.04	58.88
5	60.29	49.96	71.29	41.71	39.42	46.17	70.33	70.00	28.83	45.54	41.21	37.58	43.71	69.54	59.63	59.00	65.75	46.75	63.58	33.04	48.83	46.75	50.17	58.21	52.33	45.96	54.04
6	63.25	51.79	67.00	44.38	55.42	49.71	62.25	68.92	32.83	48.54	44.38	53.46	48.00	48.96	65.13	47.67	63.38	54.63	66.63	30.71	51.25	51.33	51.33	46.42	47.58	49.08	57.00
7	61.71	45.46	67.67	57.08	60.67	41.08	55.79	69.04	43.83	56.21	44.63	42.04	40.88	38.29	63.92	41.13	68.88	57.46	62.79	37.21	47.33	58.33	52.04	28.25	48.17	55.17	41.08
8	56.96	50.88	66.88	48.17	42.63	30.50	53.29	63.38	51.50	52.25	56.46	34.71	42.04	40.00	65.17	49.42	58.83	60.17	53.38	38.83	48.50	59.29	60.88	39.33	33.54	59.83	34.67
9	51.96	64.63	62.38	39.50	46.54	36.08	59.88	53.88	53.21	58.92	37.88	42.17	53.38	47.83	67.13	55.96	50.29	63.58	51.58	29.83	41.04	59.21	67.67	53.71	39.58	62.33	38.38
10	55.75	51.88	59.25	48.29	53.50	45.88	43.46	45.33	38.96	65.13	36.25	52.46	60.75	42.88	64.71	55.08	45.46	66.63	56.38	29.50	41.58	58.67	70.63	62.96	46.67	54.25	46.83
11	63.75	41.13	58.04	57.46	56.00	43.83	42.38	46.25	40.54	54.13	43.21	57.79	45.17	40.38	60.29	63.75	51.96	66.00	62.50	29.88	38.79	61.92	69.00	66.17	56.21	41.33	55.13
12	56.79	54.79	67.58	60.67	54.54	46.96	41.96	50.92	44.33	53.88	51.46	59.54	42.50	41.17	61.79	64.04	60.67	58.46	47.75	36.67	35.67	56.71	63.96	51.96	61.50	42.08	57.54
13	42.71	66.54	65.83	50.54	63.67	43.83	43.54	59.96	55.54	59.58	44.88	45.50	42.33	45.42	63.75	60.71	61.08	58.75	49.17	36.75	32.58	42.92	66.58	53.54	61.38	46.21	60.13
14	40.96	52.46	52.29	47.63	62.08	46.92	48.88	63.04	57.67	49.17	51.17	47.08	42.83	51.25	55.17	49.88	63.83	47.17	42.04	40.04	33.42	40.33	68.25	60.00	54.96	46.71	60.96
15	56.58	38.13	47.08	41.00	52.25	53.25	55.54	61.25	57.13	43.13	53.29	50.63	44.04	55.67	51.25	48.54	66.63	45.75	43.00	50.13	36.29	44.04	65.21	48.42	48.50	61.92	61.79
16	62.96	35.67	51.50	38.67	47.46	55.75	51.25	51.38	49.63	49.00	57.96	44.04	45.04	47.29	50.54	55.13	59.08	47.92	37.63	60.08	40.88	47.21	69.54	39.08	48.54	58.00	64.79
17	49.29	37.38	47.75	51.46	46.04	61.67	35.21	47.63	63.33	57.58	58.96	45.21	41.33	53.29	39.33	58.25	49.21	57.33	35.67	59.96	48.50	55.21	56.79	48.17	46.08	53.33	64.04
18	50.21	45.33	53.13	45.00	51.04	63.54	32.88	49.71	66.42	61.13	60.00	54.04	31.96	63.54	37.46	47.71	47.50	49.92	50.71	54.63	54.63	58.29	51.08	42.38	50.08	45.71	66.63
19	55.17	42.88	58.13	33.00	56.21	43.96	35.58	55.17	54.63	58.33	68.29	63.58	38.50	52.79	43.21	44.38	53.21	46.83	49.54	51.71	54.67	45.96	56.71	46.92	47.92	41.50	65.46
20	52.42	40.04	55.67	40.96	45.92	36.67	44.79	44.67	56.83	59.67	44.88	55.83	45.42	39.71	52.58	56.13	52.54	37.67	37.79	53.00	51.58	54.67	57.33	48.42	51.96	43.58	69.25
21	44.21	40.96	61.08	40.33	43.04	46.33	50.08	50.54	63.75	41.42	37.13	63.17	55.92	41.42	54.08	68.17	57.25	43.54	33.00	64.33	48.13	64.00	52.33	51.21	59.54	50.67	69.04
22	39.79	49.88	64.88	36.29	46.88	46.38	58.71	60.33	65.96	42.50	38.46	57.17	63.46	42.38	60.04	65.00	62.21	54.38	36.92	65.08	37.42	67.04	49.63	38.33	61.71	57.46	70.88
23	45.79	60.29	54.25	42.00	49.46	51.71	63.75	63.58	66.71	56.75	43.25	65.75	41.71	44.46	38.96	68.25	50.67	58.42	48.33	57.38	36.67	67.46	46.38	38.92	66.17	40.88	59.54
24	48.38	46.33	58.58	49.75	39.75	59.00	63.75	54.29	55.71	48.92	44.92	67.96	28.21	49.08	36.88	65.21	48.42	50.92	57.33	65.29	43.25	67.79	55.21	40.29	52.50	40.08	55.88
25	45.79	39.71	49.75	52.92	42.08	45.50	59.04	42.42	51.79	39.33	42.21	66.67	34.46	59.75	45.21	52.21	48.88	42.00	60.92	56.38	55.17	64.58	59.54	47.29	46.58	45.58	58.08
26	47.79	46.42	47.33	55.13	46.83	58.21	49.42	48.79	55.04	35.67	38.42	60.79	39.67	66.13	58.08	47.75	43.04	47.75	61.21	50.33	53.83	66.29	62.08	46.63	52.04	54.21	63.21
27	45.67	59.00	49.29	61.92	52.17	57.63	57.75	54.92	56.13	35.79	53.67	59.79	40.38	54.33	60.54	52.79	43.63	50.21	59.42	45.54	42.71	60.00	63.54	58.38	49.21	62.79	50.58
28	61.21	56.83	46.08	65.58	65.63	43.17	61.83	50.50	59.21	43.29	55.33	63.63	41.21	38.83	48.38	56.96	49.13	44.58	63.58	46.63	47.54	50.83	63.79	48.67	43.63	55.42	45.46
29	62.00	55.83	51.63	57.54	57.92	55.38	58.25	47.04	61.04	51.25	57.96	63.17	48.83	39.13	44.58	61.58	36.88	48.83	55.58	57.54	51.17	50.88	67.54	33.04	47.33	51.33	49.33
30	66.17	54.29	52.75	51.38	47.96	61.67	48.79	49.46	64.29	49.92	61.04	64.54	55.67	47.38	48.58	64.79	41.38	54.13	49.13	61.08	52.58	45.96	68.79	38.67	53.25	51.79	48.54
31	57.46	57.96	48.42	46.58	39.50	65.46	48.13	44.71	62.96	41.54	54.50	67.33	57.46	51.63	43.79	51.13	50.17	57.71	43.17	43.83	57.50	53.25	48.79	49.58	46.08	54.83	53.75
2	**56.61**	**55.51**	**53.34**	**57.82**	**54.61**	**53.61**	**57.36**	**54.36**	**56.48**	**55.98**	**58.90**	**52.24**	**54.30**	**51.62**	**55.76**	**53.77**	**51.78**	**55.83**	**51.56**	**46.64**	**55.23**	**58.79**	**55.92**	**56.63**	**50.88**	**54.91**	**61.86**
1	50.13	49.88	54.75	40.25	43.21	56.21	51.88	53.21	63.92	42.00	55.96	68.13	52.54	47.04	49.33	48.38	58.83	59.21	44.33	49.00	59.67	57.58	44.46	58.54	56.42	61.25	56.75
2	56.79	44.67	49.75	39.58	53.29	62.63	60.13	57.50	58.58	47.92	48.71	56.04	49.00	47.46	47.50	54.42	57.21	47.00	51.79	53.58	61.25	63.00	45.38	63.67	57.42	64.83	60.21
3	65.00	48.71	48.17	36.58	63.21	37.08	62.88	62.58	63.00	45.21	49.71	52.00	52.71	52.04	50.08	63.42	42.08	50.42	45.50	48.54	48.29	63.79	51.08	66.46	44.25	69.13	61.50
4	65.21	51.33	52.08	44.63	50.29	26.67	62.25	47.38	65.92	48.83	50.33	52.00	60.63	50.17	48.00	58.17	46.08	58.96	36.88	58.58	48.38	65.92	49.25	67.04	50.21	54.75	53.04

5	62.88	60.92	58.00	58.88	47.17	28.04	60.58	45.46	54.17	42.25	49.33	44.63	48.38	61.33	45.83	46.71	45.63	65.04	32.46	62.29	52.63	64.79	56.42	68.50	55.13	46.75	54.75
6	63.00	49.29	54.38	65.42	39.71	37.50	55.50	43.21	53.83	39.96	46.83	53.42	54.50	65.79	53.50	51.83	43.92	68.83	38.75	52.00	49.08	65.17	63.38	43.83	47.71	44.50	60.79
7	63.25	48.88	54.58	59.88	47.04	41.29	57.88	43.96	60.50	45.04	48.58	51.71	50.92	48.67	59.96	55.96	50.08	56.58	45.46	42.88	50.42	60.75	63.21	49.79	46.42	47.54	59.92
8	52.71	43.21	51.71	63.21	38.04	53.13	59.25	40.83	71.38	51.67	54.83	45.75	45.50	41.25	58.38	46.63	55.00	53.17	50.38	44.50	43.50	55.29	59.67	54.71	52.21	48.75	67.67
9	51.08	40.00	50.42	69.83	36.38	60.21	48.71	45.17	67.88	50.88	58.96	51.29	47.83	47.21	60.88	43.67	55.58	56.46	51.50	50.38	44.21	51.08	55.67	52.63	57.96	46.29	64.92
10	51.67	50.71	58.33	67.58	55.88	61.96	48.67	49.13	68.08	51.33	58.33	59.29	57.58	54.46	55.50	43.17	49.83	54.67	54.17	40.25	44.92	50.96	60.71	56.83	50.50	38.88	53.50
11	51.17	49.29	60.46	66.25	66.88	64.63	45.29	58.63	66.88	60.38	57.96	53.42	47.67	55.00	44.50	53.38	45.71	51.29	62.71	39.79	43.92	49.17	68.71	57.71	50.54	50.33	58.63
12	50.38	51.08	60.79	59.96	50.54	48.54	45.08	52.00	55.88	64.38	57.79	47.71	49.46	61.58	47.54	38.58	54.13	59.33	63.54	39.33	41.54	36.38	65.75	47.33	54.79	60.58	70.54
13	60.33	53.00	50.96	57.83	48.17	40.71	55.71	48.08	45.08	62.54	60.21	49.33	51.29	49.04	53.21	36.67	57.25	53.25	55.96	39.71	45.00	38.04	68.92	44.42	42.21	53.21	65.33
14	64.00	62.46	49.50	47.75	57.63	51.71	59.79	47.71	42.96	70.46	62.88	52.58	51.88	51.38	56.83	40.33	50.33	42.58	59.67	41.75	48.33	49.88	47.75	47.46	47.21	49.46	61.38
15	45.08	62.50	53.42	51.00	63.25	63.96	52.71	56.54	43.33	60.04	63.71	54.67	59.71	51.83	62.25	52.38	38.96	49.17	60.29	41.54	52.63	61.67	47.58	52.92	55.29	57.88	67.54
16	34.50	68.50	61.33	58.46	66.75	44.92	47.46	67.21	51.88	59.00	68.04	57.00	64.92	46.83	67.08	57.00	37.71	57.29	52.33	37.08	53.00	66.25	47.17	50.25	57.67	58.75	52.17
17	42.38	60.63	51.75	59.00	67.25	37.33	49.46	65.75	59.63	63.50	61.67	52.21	54.46	48.33	60.50	60.21	39.58	64.13	48.46	38.83	55.79	65.38	38.63	54.67	52.21	56.33	52.29
18	55.50	60.54	44.67	64.63	65.04	45.50	59.25	59.13	62.88	65.04	51.54	48.54	45.50	46.29	49.92	64.42	43.92	65.50	60.58	41.63	56.88	65.21	42.58	61.29	43.50	55.13	58.33
19	62.13	64.96	39.71	67.75	59.08	54.13	62.79	51.75	56.75	70.08	55.33	53.58	50.17	46.21	48.58	50.38	41.33	51.21	65.00	48.08	60.38	66.88	53.21	61.54	36.79	56.83	66.58
20	65.96	55.92	47.21	69.08	59.04	61.75	68.75	58.67	52.33	54.08	58.71	60.92	58.21	51.54	55.58	55.42	52.54	50.88	44.38	50.04	61.00	53.71	49.38	63.21	37.25	58.00	64.33
21	66.92	54.46	60.54	68.46	56.63	60.54	70.75	54.46	52.58	48.17	64.46	63.58	60.79	63.71	63.25	65.83	60.79	55.38	41.75	52.63	63.83	56.17	54.17	64.67	50.29	61.75	64.75
22	63.33	60.58	65.75	66.13	49.33	60.71	67.63	54.92	41.13	53.92	62.54	57.79	65.75	53.50	67.00	66.33	58.54	67.46	48.96	58.50	70.00	60.63	64.54	61.04	61.38	63.33	64.29
23	62.79	67.42	53.29	68.04	52.21	70.63	54.17	54.50	43.54	62.08	61.25	51.29	53.21	53.08	63.88	66.54	58.42	64.17	42.29	57.08	65.79	72.96	69.96	58.42	63.33	66.63	69.00
24	58.50	66.33	47.63	55.79	59.04	70.54	50.33	54.92	51.04	63.42	66.75	48.08	51.58	60.13	66.79	58.71	57.04	58.46	45.88	44.88	60.79	71.83	64.42	65.96	52.46	65.17	67.33
25	60.29	66.50	56.04	50.88	51.67	64.38	49.88	55.67	50.46	63.04	68.67	50.71	57.42	55.17	58.08	64.58	61.96	59.13	56.04	39.92	69.96	53.00	59.08	64.38	52.29	52.50	68.00
26	54.21	59.46	58.88	52.92	56.42	62.96	60.21	58.96	57.67	64.25	70.46	54.04	57.67	43.92	55.17	58.79	59.50	66.42	56.88	40.71	62.75	49.92	65.92	56.29	50.29	48.96	57.38
27	49.08	47.79	49.38	51.13	64.00	64.67	68.33	68.38	58.21	59.25	67.63	38.17	65.00	41.46	55.13	50.13	64.63	45.50	59.83	45.75	63.96	58.38	56.04	46.17	48.87	48.21	61.67
28	56.83	50.71	50.13	58.17	61.92	68.58	70.67	66.46	62.08	56.63	68.00	34.88	56.25	46.92	57.08	53.46	63.29	40.46	67.92	46.67	68.46	64.21	52.83	46.04	49.96	50.71	69.58
29		60.08				53.75				58.00				55.75				47.17				66.88				55.96	
3	**62.35**	**59.39**	**58.84**	**62.09**	**63.54**	**55.47**	**66.74**	**57.15**	**58.25**	**64.39**	**58.58**	**61.24**	**64.34**	**62.13**	**58.71**	**61.61**	**62.50**	**59.71**	**61.00**	**55.73**	**63.35**	**68.33**	**55.69**	**59.15**	**65.85**	**65.47**	**63.13**
1	63.46	58.58	50.29	62.42	62.63	47.04	70.46	62.75	56.08	61.29	65.46	47.50	57.63	64.13	50.33	58.79	68.25	56.29	46.54	49.33	65.54	73.08	47.54	54.54	55.25	61.38	73.42
2	63.00	62.42	56.88	60.50	57.71	50.92	69.46	51.04	58.33	70.92	70.88	61.96	62.21	62.33	43.04	70.13	60.33	59.04	42.04	50.13	61.96	70.92	42.88	57.96	65.75	62.83	63.50
3	64.38	61.29	60.79	51.42	56.54	51.00	73.50	46.58	58.63	64.71	73.67	58.79	51.79	63.88	44.50	66.79	55.83	64.96	42.58	48.42	64.21	68.17	42.33	64.04	68.17	56.79	55.13
4	50.00	64.13	56.79	54.42	61.67	55.00	69.25	44.67	48.63	65.92	66.29	36.58	56.00	65.96	49.13	57.17	50.63	65.88	44.42	42.83	65.79	52.54	45.17	49.79	68.79	56.42	57.25
5	53.79	66.33	51.63	63.13	63.25	60.29	72.17	52.38	48.54	58.71	55.04	39.54	68.17	67.71	55.42	55.38	47.21	53.63	50.71	44.38	66.38	55.67	59.04	49.79	67.50	55.71	61.29
6	64.50	68.21	52.17	64.04	67.54	68.67	64.13	62.29	55.21	62.38	51.29	49.04	70.79	68.04	56.08	60.92	50.92	55.38	56.29	45.13	58.29	62.17	49.88	49.54	47.75	58.21	65.75
7	70.42	71.21	56.83	65.50	70.42	61.54	54.00	62.08	60.58	63.21	49.42	60.29	62.00	63.83	59.67	57.33	54.96	61.58	58.92	48.13	51.00	65.42	47.63	45.21	52.33	58.92	65.29
8	67.79	67.92	57.67	63.58	58.71	37.17	61.33	66.38	57.25	64.54	48.96	61.67	62.00	56.88	59.71	51.13	56.33	48.50	60.88	54.79	59.13	66.83	52.25	52.92	55.04	63.58	67.00
9	57.71	64.79	62.46	65.88	45.17	34.33	63.58	53.83	61.13	64.29	52.04	68.42	64.50	53.79	46.33	59.13	59.75	46.25	63.75	56.79	63.83	66.21	56.33	59.17	62.92	68.50	64.83
10	51.38	63.13	62.17	54.46	46.79	41.04	66.21	45.96	58.00	65.75	53.29	60.75	62.83	50.71	49.58	69.88	65.67	55.50	64.75	60.00	57.58	66.25	62.67	64.42	68.50	70.00	67.50
11	48.50	43.67	61.75	47.83	55.17	45.92	66.33	40.63	55.38	67.42	58.96	58.83	63.92	49.67	54.21	69.25	63.54	55.46	63.25	64.42	49.46	66.38	62.25	62.63	72.79	70.46	62.17
12	52.33	46.88	61.50	51.42	62.63	47.08	68.54	39.54	57.83	53.42	63.13	63.21	65.08	55.92	56.71	69.42	63.75	56.96	66.79	63.29	51.54	67.38	56.25	68.00	72.67	70.50	60.38
13	68.67	52.71	42.71	61.58	64.75	50.13	70.58	41.13	63.00	51.21	69.67	58.50	72.00	59.83	62.58	69.83	63.83	56.29	68.54	58.75	56.50	65.75	56.08	52.08	70.29	74.38	50.46
14	62.42	53.00	36.42	61.04	67.96	54.21	69.75	50.33	62.75	57.54	61.42	58.46	69.29	62.83	71.00	71.08	65.75	59.13	67.29	56.75	58.25	68.83	49.29	50.79	73.29	72.92	51.83
15	56.08	59.83	41.04	60.58	64.83	58.08	62.04	56.13	49.25	66.88	68.88	66.21	66.21	65.79	61.04	56.25	64.21	71.21	71.13	56.08	61.79	71.08	53.92	57.13	68.54	73.46	45.21
16	56.83	52.96	54.38	62.00	64.25	66.33	57.42	58.88	52.50	67.04	67.13	71.25	66.29	66.75	61.67	57.46	64.04	71.04	69.00	53.79	66.67	69.38	60.13	62.92	70.00	77.04	43.67
17	56.33	54.42	58.25	51.46	65.17	67.25	60.63	64.17	54.71	69.50	54.13	74.92	67.25	61.83	51.29	65.96	52.42	67.25	66.79	52.04	61.04	72.42	60.38	62.71	71.79	70.08	52.33
18	65.79	62.71	57.13	59.13	62.21	63.92	66.50	64.13	59.92	63.46	50.46	71.46	69.79	59.96	48.29	61.96	51.50	66.79	65.71	53.29	63.42	72.58	68.00	59.13	73.00	67.08	59.29
19	60.33	70.08	54.13	71.88	64.33	55.33	70.29	65.58	64.21	63.88	54.29	68.42	70.29	64.58	51.88	63.21	54.83	69.92	66.29	57.63	64.92	70.83	66.25	61.63	71.71	68.58	63.96
20	57.29	55.46	58.00	70.71	61.17	45.21	68.63	65.17	62.54	64.29	50.13	69.50	74.63	66.83	57.42	67.42	60.29	59.46	63.46	56.67	68.08	71.21	61.04	62.96	73.79	64.71	59.25
21	61.67	51.21	66.21	72.29	68.83	47.17	64.63	49.33	60.67	60.96	47.29	69.25	70.13	68.88	64.08	77.58	64.50	58.04	63.04	57.54	70.17	72.88	53.08	64.96	73.29	52.42	66.71

22	68.50	55.29	67.21	70.04	70.58	48.21	70.08	51.46	56.46	64.13	56.04	54.92	66.29	53.29	67.17	61.29	68.50	59.96	59.58	51.92	68.25	72.25	58.67	67.58	72.58	53.17	74.25
23	72.33	57.63	68.67	63.58	74.67	52.75	64.08	53.04	55.67	63.71	60.00	51.25	64.71	51.58	70.21	56.04	68.50	62.29	60.58	55.96	72.13	73.96	60.88	65.54	68.92	58.00	68.92
24	72.75	54.08	67.67	70.96	71.38	57.46	63.54	57.58	59.58	66.17	60.83	58.17	62.13	61.33	65.04	53.04	70.29	54.63	66.25	58.71	73.63	74.54	74.13	62.46	64.38	64.46	67.38
25	67.33	56.67	66.17	69.79	68.21	60.25	69.54	59.79	64.29	67.00	57.33	68.21	61.96	66.46	68.96	49.71	69.21	47.04	65.21	60.00	63.08	67.75	54.25	61.17	65.67	67.08	67.79
26	64.25	61.54	68.67	66.42	67.46	63.50	69.42	65.46	59.00	64.83	51.13	69.00	64.54	68.38	68.67	47.88	71.50	52.83	64.08	65.17	67.00	67.29	47.29	50.33	65.21	68.67	69.33
27	71.25	62.38	61.38	74.83	70.63	65.38	69.25	66.04	53.17	68.21	51.25	62.00	66.79	66.17	70.96	50.88	71.25	57.71	64.38	63.25	74.54	69.46	46.17	59.00	63.33	66.54	69.42
28	74.88	57.08	64.29	67.13	67.79	67.29	69.33	65.71	54.96	65.29	53.92	60.42	67.08	67.00	61.50	57.71	69.96	62.29	69.46	64.75	72.04	68.79	51.46	65.21	53.58	69.96	68.42
29	72.96	58.67	66.92	55.71	63.46	69.67	71.92	67.63	62.00	65.33	63.33	62.58	67.17	67.17	63.63	62.67	71.29	66.29	62.25	58.75	59.50	67.96	56.33	69.21	55.00	67.46	71.67
30	58.92	66.79	63.92	54.96	67.29	63.00	69.63	69.96	66.79	73.08	67.21	66.50	53.42	62.83	62.38	67.83	70.08	66.96	58.04	58.54	65.58	70.13	58.67	60.13	59.58	67.63	69.25
31	56.92	60.00	69.92	56.00	56.50	64.42	62.58	72.04	68.54	71.08	63.13	70.83	47.71	61.71	67.42	66.67	68.38	62.54	59.08	60.29	62.54	70.25	66.00	60.71	70.00	72.54	74.33
4	**70.70**	**64.68**	**62.82**	**69.12**	**67.11**	**63.01**	**65.41**	**66.41**	**70.07**	**65.44**	**67.03**	**71.70**	**66.53**	**64.71**	**63.21**	**70.53**	**65.12**	**67.08**	**67.45**	**67.64**	**69.63**	**69.42**	**68.12**	**67.49**	**73.06**	**69.28**	**70.03**
1	57.21	57.13	66.13	53.50	59.88	56.96	57.83	72.92	70.67	71.04	60.79	68.46	52.04	53.13	64.00	66.08	69.17	70.08	66.38	62.79	61.58	74.88	70.54	61.38	74.38	73.00	70.42
2	60.29	52.96	56.71	55.08	58.00	55.17	57.17	72.96	73.67	71.96	56.54	67.00	56.92	55.42	59.25	74.08	69.25	70.58	68.17	62.67	65.29	75.92	65.79	62.25	71.71	68.38	68.00
3	63.75	52.79	52.79	60.79	59.29	56.33	61.75	75.88	70.46	72.58	63.79	70.50	59.33	60.17	56.54	73.67	71.75	71.54	69.79	65.71	64.79	70.96	62.17	66.96	70.96	63.33	69.79
4	70.17	53.71	61.67	64.13	60.42	60.46	64.04	71.29	73.33	61.67	69.42	68.88	66.29	61.75	61.13	66.25	74.25	72.67	65.21	68.42	67.71	70.79	69.25	71.33	72.63	65.88	72.54
5	71.29	59.79	65.67	62.96	61.71	65.67	68.38	59.75	74.17	54.96	69.42	61.88	67.08	57.71	61.96	61.96	63.42	69.33	67.29	70.33	60.42	69.96	57.13	72.75	69.75	66.33	76.92
6	72.96	58.79	59.63	66.83	62.92	57.54	70.88	60.54	74.25	57.54	69.42	59.54	73.42	61.96	66.88	65.88	55.67	66.54	65.50	68.54	56.88	67.50	59.83	72.21	72.92	65.42	67.29
7	72.13	65.08	60.38	61.42	63.92	54.67	71.46	66.88	73.54	60.58	69.25	65.00	73.79	58.08	68.00	65.88	50.79	67.08	49.17	68.21	63.67	64.38	65.79	72.42	74.21	71.13	58.88
8	71.08	68.42	64.38	64.75	65.96	55.04	62.88	72.50	74.00	61.58	70.17	68.88	66.17	71.63	64.54	73.54	46.21	68.17	51.79	68.54	71.96	65.42	67.71	65.38	76.96	66.63	57.83
9	71.67	65.08	68.04	71.00	68.67	57.33	67.00	74.83	76.79	53.04	70.54	70.38	60.88	69.67	66.42	62.88	52.88	68.83	62.00	62.92	76.46	69.00	69.13	61.54	74.42	63.17	60.83
10	71.58	68.46	62.58	72.08	71.08	51.25	66.71	61.21	78.50	55.13	73.42	70.21	48.46	69.42	67.92	64.00	56.33	71.29	68.88	61.21	73.08	68.83	71.21	60.96	75.83	61.88	66.21
11	74.00	68.92	65.33	71.71	72.17	53.67	66.46	58.29	78.25	61.33	71.88	69.63	57.08	62.13	65.21	65.96	65.38	72.17	72.67	68.08	73.21	67.38	70.71	63.75	70.96	65.21	69.75
12	75.33	70.38	65.00	70.50	69.67	56.83	69.08	57.58	72.88	66.79	74.79	69.63	62.29	68.88	65.04	68.96	71.46	68.58	69.13	67.17	71.00	63.00	73.79	68.29	71.50	71.79	69.54
13	72.46	69.71	69.17	70.75	70.92	64.75	64.92	59.92	67.21	69.17	76.63	70.50	66.79	59.71	66.21	68.92	66.29	63.63	67.04	70.08	65.25	66.63	67.33	71.50	74.38	69.33	69.46
14	70.83	66.13	65.88	73.17	63.25	73.46	55.13	63.88	64.79	60.50	73.58	70.79	68.54	53.08	58.96	72.42	69.25	53.42	70.00	72.38	64.33	70.42	62.67	72.92	79.08	64.29	71.17
15	72.71	65.33	68.25	76.33	64.75	64.08	60.50	68.83	76.13	66.25	74.50	71.29	70.58	56.71	58.17	72.71	60.13	50.42	59.88	69.04	69.17	70.58	70.29	64.08	73.38	63.71	72.75
16	75.00	66.46	61.58	72.63	66.71	57.29	64.17	70.88	59.79	70.29	68.46	73.04	68.13	61.33	57.25	70.08	56.54	53.92	64.29	66.88	72.50	71.71	77.00	56.00	72.67	68.08	71.38
17	70.54	69.00	59.21	67.96	70.46	58.83	64.92	72.08	61.04	73.54	60.46	73.42	67.83	64.29	56.54	76.83	64.88	58.13	66.50	67.29	61.96	71.54	75.21	62.50	70.92	70.04	70.13
18	69.50	68.00	64.42	66.04	70.25	64.25	56.00	72.33	56.17	68.88	52.21	74.25	71.08	67.13	59.58	77.21	62.58	61.67	65.17	69.67	63.71	69.21	73.67	61.75	77.08	65.54	72.46
19	68.42	67.71	60.58	69.29	73.79	67.83	60.08	67.67	58.13	67.83	53.46	74.38	71.67	66.88	63.29	74.13	65.79	67.13	67.46	69.54	71.88	72.75	67.88	59.25	73.58	66.42	73.33
20	72.25	71.92	61.58	73.29	72.00	67.54	65.04	65.63	66.13	69.21	59.08	76.63	73.38	67.33	66.42	77.79	63.50	66.54	73.25	65.42	75.21	70.54	57.46	59.54	68.92	69.88	73.92
21	63.17	75.25	62.04	70.50	68.79	68.79	70.00	64.33	68.71	74.42	65.46	76.54	68.83	66.08	67.21	76.04	65.63	71.21	66.50	68.33	77.13	67.17	62.96	64.54	69.67	72.42	72.58
22	63.83	70.50	54.63	71.42	70.96	69.67	75.63	62.33	67.42	64.29	68.58	76.96	69.96	67.79	68.42	69.25	67.33	68.71	66.58	68.92	74.29	67.92	65.67	69.75	71.88	65.58	71.67
23	73.42	69.96	54.58	66.29	74.13	69.75	66.38	58.33	71.71	62.71	70.50	72.96	65.75	69.08	66.58	73.04	67.88	71.00	73.29	68.38	72.33	59.58	67.21	71.83	74.33	71.96	70.00
24	72.17	73.33	58.71	71.38	65.88	63.63	62.67	60.00	77.71	68.38	71.88	73.21	64.67	71.21	55.17	73.54	67.42	74.08	71.29	72.50	74.63	60.25	69.21	73.54	76.13	71.83	60.92
25	65.96	75.33	66.75	74.42	59.50	63.04	67.00	62.00	76.83	64.79	67.00	76.13	65.50	73.00	55.21	77.08	68.67	73.88	72.13	76.29	76.29	66.04	70.04	75.04	74.88	73.63	65.67
26	70.96	62.33	68.83	75.21	63.71	75.42	68.96	62.46	74.21	65.08	62.04	76.00	72.17	70.58	63.83	73.25	71.25	69.71	72.79	72.29	75.50	70.75	70.96	74.63	77.54	74.67	68.33
27	75.21	54.25	66.13	76.21	70.04	75.04	71.67	66.21	74.38	65.58	61.08	74.75	67.88	68.25	69.50	69.13	74.75	71.71	72.79	65.63	78.00	71.17	71.58	73.00	72.46	75.71	78.00
28	79.04	54.08	65.21	74.08	71.29	70.25	71.63	69.04	70.42	70.38	66.04	77.17	71.08	65.58	63.38	67.79	70.71	71.96	72.79	61.79	74.21	71.17	72.42	75.71	69.96	76.38	76.75
29	78.71	56.79	62.96	74.00	70.92	72.17	66.96	70.04	66.42	66.63	69.54	76.79	73.46	72.04	65.88	69.29	72.50	65.29	72.88	64.00	68.04	77.21	67.13	71.21	70.50	79.50	77.17
30	75.33	62.71	65.75	75.92	72.33	63.46	67.04	71.79	54.25	66.92	70.88	76.29	74.71	71.38	67.79	68.13	71.88	63.21	72.75	66.21	68.46	80.08	71.92	68.71	68.13	77.21	77.13
5	**76.29**	**72.03**	**73.42**	**73.21**	**76.23**	**75.95**	**71.48**	**77.85**	**73.68**	**77.53**	**73.69**	**75.45**	**75.62**	**75.39**	**72.40**	**73.97**	**74.97**	**75.44**	**74.60**	**77.13**	**75.00**	**76.82**	**72.92**	**75.15**	**77.71**	**76.06**	**74.96**
1	72.00	71.33	68.08	74.08	72.13	60.88	69.21	72.88	62.38	67.54	70.63	78.17	72.92	74.79	66.29	67.46	73.29	67.38	71.42	74.96	73.13	79.04	69.79	64.71	67.04	78.25	75.58
2	73.25	73.04	71.71	71.54	72.17	66.33	72.13	69.83	66.50	69.96	70.92	79.38	75.50	73.46	65.00	67.96	73.33	69.83	73.13	77.00	75.00	78.04	70.58	62.25	66.63	77.25	71.17
3	73.33	74.38	70.75	71.21	65.29	71.63	73.33	74.08	66.17	73.08	74.21	80.33	72.54	67.13	66.33	72.54	74.00	68.88	73.25	77.75	75.63	76.75	68.88	67.00	69.42	77.33	72.13
4	75.46	73.79	74.50	70.83	72.38	73.75	65.04	75.29	69.46	74.96	72.21	81.79	75.25	62.13	68.67	73.33	73.54	71.46	74.25	74.25	68.04	77.33	64.25	70.38	72.83	73.46	70.38
5	76.63	71.42	72.54	66.83	77.71	77.88	62.46	70.54	73.58	74.42	70.67	80.17	76.21	66.29	64.63	72.25	75.71	69.71	76.17	74.75	66.71	75.96	61.67	73.96	75.04	66.71	61.21

6	70.71	61.08	74.08	67.33	72.25	76.92	65.79	70.00	77.38	74.58	74.25	75.46	78.67	73.63	64.17	75.08	77.00	70.96	76.63	77.71	71.25	74.50	59.75	74.38	76.50	64.50	63.92
7	72.79	54.83	74.63	69.79	72.67	76.71	68.17	77.42	70.63	73.67	69.79	78.33	78.92	76.08	66.63	72.04	68.08	72.42	75.88	76.54	69.38	74.83	66.58	73.17	75.46	67.63	69.92
8	77.83	56.96	76.96	74.58	75.92	75.00	70.25	81.00	72.71	74.17	72.63	80.63	78.21	76.38	67.96	73.88	68.42	74.17	76.67	78.88	74.42	75.38	68.25	76.25	76.71	72.25	70.58
9	77.83	64.71	76.04	74.04	77.25	73.96	73.29	75.88	73.79	73.75	71.00	79.88	79.04	74.00	67.83	73.75	74.58	80.96	74.67	69.88	80.13	73.92	71.38	75.79	81.38	71.13	72.83
10	75.17	67.50	74.21	75.42	71.79	74.96	66.33	79.38	73.96	76.79	72.25	80.50	78.17	73.04	70.83	74.25	76.96	81.54	78.21	71.08	80.58	71.17	71.04	75.67	80.04	74.96	75.46
11	72.71	70.17	71.13	75.38	72.83	75.08	64.21	75.21	71.58	78.04	71.54	79.88	80.54	75.50	75.63	69.04	77.50	81.46	81.42	74.29	79.71	71.50	71.67	78.21	78.38	76.21	75.50
12	74.25	72.17	70.75	77.42	71.92	73.67	64.25	74.29	70.33	79.67	73.38	79.13	77.92	74.17	74.25	65.63	74.63	70.92	75.46	76.50	79.88	75.79	73.50	77.79	81.00	77.54	74.25
13	75.75	73.92	74.63	79.42	78.33	70.17	70.29	76.63	74.96	80.75	74.63	77.75	72.17	74.67	75.33	68.54	77.42	69.33	76.46	77.25	76.79	72.75	67.71	79.00	82.21	79.54	74.38
14	76.04	73.67	70.46	77.79	83.17	73.21	69.88	79.29	75.54	78.46	71.58	68.46	75.08	75.96	73.17	72.54	76.42	72.25	74.83	76.29	72.79	73.33	66.04	78.67	77.13	77.50	75.13
15	74.58	73.96	73.42	73.63	80.67	72.88	72.63	80.92	70.75	76.21	72.88	72.21	74.25	75.54	72.17	71.50	75.08	72.63	76.04	76.17	67.67	74.25	70.17	69.58	77.21	75.50	76.29
16	75.38	74.88	75.21	77.63	80.92	74.42	71.54	78.63	72.67	77.58	76.88	74.67	78.46	76.71	70.00	65.04	74.08	74.21	75.88	75.29	64.00	73.54	71.33	65.83	77.88	77.50	79.58
17	77.00	77.13	76.00	77.75	79.63	75.58	71.50	80.71	72.92	78.04	78.33	77.54	77.79	75.79	74.25	66.50	76.00	73.08	74.29	78.75	64.33	75.08	73.92	68.63	79.71	77.75	78.58
18	77.38	76.83	75.29	73.63	78.00	77.67	72.96	82.08	73.79	77.67	74.33	73.92	78.67	75.71	74.83	70.42	73.00	71.96	64.29	76.46	63.21	75.25	73.50	71.75	78.79	77.71	80.21
19	76.83	76.38	71.50	69.21	80.71	78.79	72.54	80.96	78.79	77.42	72.79	60.88	74.33	73.33	74.75	77.08	71.33	75.00	62.50	78.33	69.13	75.96	77.25	74.75	80.13	80.54	79.71
20	73.17	74.75	72.50	64.88	73.21	79.63	77.50	80.67	77.92	77.67	73.67	62.96	73.17	75.92	75.92	78.42	71.17	75.96	70.67	78.71	74.21	73.04	79.96	76.75	81.42	71.75	80.42
21	77.29	73.21	68.29	63.92	73.13	77.75	76.33	82.75	75.67	75.88	76.08	65.83	74.29	77.13	75.25	78.50	72.96	80.33	73.33	80.00	75.08	75.33	79.50	77.50	82.29	75.92	76.17
22	79.25	77.08	65.50	67.96	73.58	83.58	74.04	79.96	74.92	76.96	75.75	66.42	69.92	77.38	73.71	76.17	76.46	78.08	74.88	81.42	78.96	75.88	78.33	80.58	77.92	75.83	77.13
23	79.46	74.58	68.29	72.38	75.50	83.25	72.46	80.63	75.58	81.38	71.13	70.50	69.63	76.42	78.63	78.96	76.50	77.38	76.88	82.46	80.00	77.00	81.17	80.92	79.42	73.79	76.96
24	77.83	76.46	73.58	74.33	79.50	81.96	75.50	80.58	79.00	82.46	72.46	74.08	73.17	77.29	83.83	78.83	76.75	81.88	76.13	82.13	79.96	80.50	80.67	82.17	81.50	76.42	72.54
25	79.79	74.46	75.96	74.13	77.42	82.13	72.33	79.63	79.00	84.04	74.33	76.17	76.46	79.54	75.25	77.42	76.67	81.08	74.71	77.29	79.79	83.96	74.29	81.00	81.50	78.46	70.79
26	78.17	75.96	75.54	76.08	77.88	79.42	76.79	78.63	75.33	82.29	75.04	77.46	74.33	79.00	72.08	76.25	75.42	78.00	72.96	77.58	78.33	85.58	74.33	79.25	77.46	78.88	71.54
27	76.08	73.83	77.46	75.67	79.63	80.67	79.08	77.21	72.92	81.71	75.88	78.42	74.92	78.88	73.33	79.71	76.08	78.13	74.17	80.33	78.25	84.79	76.42	78.54	76.83	78.63	76.25
28	79.21	72.25	76.75	76.50	79.04	73.88	72.67	79.00	76.63	84.46	74.25	78.38	73.33	79.92	75.17	81.79	78.33	79.67	75.54	77.21	79.46	79.54	78.71	79.13	79.67	81.17	81.58
29	78.50	73.21	74.83	73.25	78.33	75.63	74.58	80.17	73.58	84.13	75.83	78.13	73.67	78.83	77.17	79.79	78.96	79.25	77.38	77.29	81.71	81.67	79.63	78.75	79.46	82.75	81.96
30	80.96	73.83	76.58	75.58	79.96	80.83	75.08	79.92	78.13	78.71	76.21	74.00	76.50	81.67	76.88	79.04	77.29	79.50	75.75	77.33	83.83	82.00	79.63	78.21	81.38	81.67	81.00
31	80.33	75.04	78.71	77.33	80.08	76.38	73.71	79.33	77.42	76.88	78.88	77.46	80.17	80.79	74.58	79.50	77.13	81.25	78.79	77.25	83.50	77.79	80.58	79.04	76.67	79.29	80.67
6	**78.41**	**78.04**	**79.77**	**78.36**	**78.00**	**78.66**	**75.74**	**84.08**	**78.48**	**80.64**	**77.82**	**79.09**	**77.77**	**78.35**	**79.08**	**79.23**	**79.58**	**79.39**	**82.31**	**82.31**	**82.49**	**79.05**	**80.79**	**80.79**	**80.69**	**81.95**	**78.03**
1	78.50	71.08	74.96	78.50	80.50	75.00	73.29	84.79	76.58	81.13	73.50	79.50	78.63	76.54	75.42	78.25	74.25	83.00	81.58	76.17	86.38	76.63	80.17	76.83	75.67	80.71	80.54
2	76.29	73.50	78.13	78.79	78.29	74.00	72.63	87.88	78.79	82.75	79.38	84.08	77.29	73.75	76.79	77.42	68.58	83.21	78.54	78.13	83.75	77.17	82.08	77.50	75.42	82.46	79.00
3	79.88	72.08	75.63	78.17	79.13	72.25	72.38	85.54	82.42	85.75	82.04	82.08	73.25	73.58	78.04	78.13	74.71	79.33	73.38	78.25	84.46	78.96	80.50	77.33	78.46	83.38	78.42
4	83.96	79.29	80.63	77.63	76.33	74.04	74.58	85.50	82.63	84.88	80.58	82.92	76.46	79.29	77.50	78.29	80.58	81.29	74.08	83.25	81.33	83.04	78.79	78.04	79.33	83.58	76.63
5	78.63	79.92	81.67	76.67	74.33	76.75	66.63	83.67	77.25	80.96	80.54	82.38	75.42	78.13	77.83	78.08	75.79	81.88	73.75	80.00	82.04	81.13	77.42	79.75	82.54	79.25	77.58
6	76.00	78.75	83.75	74.46	81.38	78.71	70.25	79.17	79.00	81.08	78.71	78.50	74.29	76.83	78.67	77.25	79.54	83.88	76.13	81.83	84.92	78.13	72.79	83.04	81.04	77.00	74.25
7	69.79	80.96	83.13	75.04	82.92	77.21	69.79	79.04	76.92	78.46	79.75	77.92	73.92	75.13	78.75	74.04	79.88	84.38	79.13	84.13	82.46	77.38	80.04	79.75	79.38	81.58	74.88
8	73.79	77.58	79.96	80.00	83.25	74.38	72.46	78.38	79.88	80.21	77.33	76.04	78.25	76.63	79.25	78.58	79.42	83.25	80.04	82.38	82.67	74.29	80.33	79.08	79.92	83.21	72.08
9	77.21	76.79	81.58	82.54	85.46	78.21	72.67	79.38	79.08	82.00	76.54	78.46	79.25	77.67	77.29	82.63	82.88	81.33	82.13	82.38	81.17	73.29	78.75	81.75	75.54	85.08	74.33
10	78.71	79.08	79.83	76.29	80.17	76.00	76.04	83.42	77.25	80.21	77.63	79.08	79.63	80.46	75.83	81.50	85.54	77.88	81.96	82.79	83.21	78.42	80.63	82.00	76.63	83.54	78.04
11	77.38	78.13	80.67	77.50	77.96	79.13	75.50	84.33	76.75	78.04	73.29	80.79	79.83	80.63	77.96	79.83	83.17	79.25	83.04	84.83	82.83	81.50	81.38	79.88	76.96	79.54	76.63
12	75.83	77.29	79.46	77.83	77.08	79.00	76.54	84.58	75.92	80.29	80.46	82.04	80.38	80.88	81.71	74.71	78.79	77.71	83.25	86.71	82.42	82.67	84.42	79.88	81.75	81.17	76.88
13	79.08	76.46	81.46	80.63	70.63	80.04	75.67	86.58	78.75	81.04	79.83	84.17	75.71	81.71	79.21	71.71	78.38	77.33	82.25	85.63	84.38	80.96	86.54	80.04	82.75	86.13	77.50
14	81.04	75.00	79.92	82.08	70.75	79.08	82.08	85.79	79.13	81.63	76.46	81.29	77.38	76.42	80.88	77.75	76.92	78.33	80.88	81.88	88.79	76.54	86.42	78.92	83.75	85.67	77.54
15	81.71	74.38	81.21	80.54	73.83	78.13	80.71	86.33	78.79	82.21	80.21	79.08	80.25	75.08	83.42	80.17	79.50	75.71	81.83	85.00	83.88	78.83	84.04	77.92	84.08	80.71	76.25
16	79.83	80.42	83.25	76.08	77.71	77.04	77.79	85.50	78.79	81.50	77.42	77.17	77.75	80.63	83.96	80.71	80.75	77.83	84.25	85.00	79.04	78.79	81.54	80.04	84.00	80.71	79.25
17	77.17	81.08	82.08	76.75	78.42	75.29	82.50	85.46	79.88	78.50	80.29	77.54	76.46	81.08	80.83	80.42	80.58	80.54	87.00	84.33	81.38	78.00	82.67	82.13	83.29	80.58	77.88
18	76.79	80.50	81.21	75.50	76.71	76.08	78.13	86.42	79.88	80.21	79.13	74.92	75.50	81.42	77.54	77.38	80.21	81.75	86.67	80.54	82.08	78.04	82.71	83.50	83.25	80.13	81.17
19	79.63	81.21	80.67	75.88	73.38	76.75	75.29	87.21	77.42	80.67	78.38	77.38	76.46	81.42	78.75	78.83	79.08	79.83	87.79	80.75	84.08	80.67	83.29	80.04	83.79	81.46	78.54
20	79.71	81.96	80.71	77.83	72.04	78.21	74.58	82.63	77.58	83.46	77.42	80.04	75.92	80.54	79.38	81.08	79.46	80.33	88.75	80.21	84.83	81.17	79.33	82.42	84.38	80.96	74.88

21	80.29	81.21	78.83	79.92	74.75	80.33	75.79	83.88	78.46	80.92	79.42	76.33	78.96	79.88	79.25	82.88	82.21	80.42	89.42	78.79	85.33	81.38	78.92	81.25	83.38	81.42	79.33
22	81.42	80.38	80.50	76.71	78.08	79.67	77.17	84.75	78.79	81.79	74.25	76.58	80.79	77.67	80.58	81.17	83.00	76.67	89.08	81.54	84.88	82.54	79.21	80.58	80.17	81.00	81.67
23	78.75	78.83	78.83	75.00	78.33	82.79	78.92	80.58	77.79	77.92	76.54	77.00	79.67	79.50	82.38	82.08	81.83	76.83	85.96	84.75	81.79	80.50	80.21	76.79	79.67	82.75	82.58
24	78.21	78.58	78.96	76.63	79.13	86.67	76.29	84.29	76.00	79.83	77.13	76.21	80.71	79.75	79.79	84.04	81.25	81.38	83.38	85.33	78.92	75.38	79.79	79.79	81.42	84.50	82.88
25	77.50	80.50	75.13	74.92	80.29	86.13	75.17	82.08	76.38	79.92	76.63	76.79	79.67	79.75	77.33	83.08	80.00	80.00	83.38	82.83	80.92	74.67	80.33	82.00	83.17	86.17	78.21
26	74.83	79.79	77.13	79.00	81.17	82.83	77.71	82.08	80.13	78.63	77.17	76.83	79.33	76.71	77.75	80.00	81.58	76.63	83.00	82.13	78.92	77.58	82.50	79.58	80.42	82.58	79.42
27	76.79	79.67	78.33	83.08	80.13	80.96	76.63	83.46	76.75	78.25	76.33	78.75	78.63	77.54	81.00	77.79	80.63	76.46	83.13	84.29	78.46	77.96	83.50	84.04	82.33	82.00	77.71
28	80.75	77.63	79.79	82.71	79.13	80.54	79.83	84.83	78.71	78.08	77.75	78.75	77.33	75.96	77.67	75.75	79.25	76.79	83.79	82.50	78.38	78.58	81.21	85.42	80.42	83.17	77.33
29	80.29	75.04	78.71	82.21	78.83	83.17	77.33	86.50	81.17	77.71	75.71	80.38	75.88	77.21	77.42	80.63	81.54	75.50	79.08	82.21	81.58	82.63	75.96	87.33	80.25	80.75	78.29
30	82.42	74.08	77.00	82.00	79.92	81.42	77.79	88.29	77.67	81.04	74.83	79.67	80.21	78.63	80.13	82.75	78.13	72.96	82.58	80.79	79.33	84.54	78.25	86.96	77.46	77.21	81.29
7	**80.01**	**81.01**	**81.32**	**78.31**	**81.47**	**80.89**	**80.45**	**82.10**	**80.90**	**82.61**	**80.34**	**80.23**	**78.21**	**80.77**	**81.63**	**81.06**	**81.71**	**80.53**	**79.94**	**82.85**	**81.95**	**81.03**	**78.95**	**81.30**	**83.60**	**83.20**	**80.99**
1	82.58	77.92	79.83	81.08	80.17	83.04	78.29	85.00	79.00	80.83	76.46	80.13	78.79	77.71	81.21	82.29	77.88	78.08	84.21	76.50	81.13	85.58	78.83	86.17	80.29	79.88	83.38
2	82.88	82.46	80.79	78.67	79.96	84.50	83.46	85.13	79.83	81.58	78.88	82.75	75.92	77.46	80.17	82.17	78.04	79.13	81.38	78.42	83.29	83.33	77.54	86.83	78.63	83.71	83.63
3	80.79	83.29	81.29	77.54	81.79	82.46	86.88	84.54	80.88	82.13	77.46	78.96	77.46	77.71	80.46	83.00	76.88	77.21	83.71	80.71	82.46	80.96	75.00	82.92	83.92	82.42	84.83
4	81.58	83.67	79.75	78.17	78.75	80.50	87.17	82.08	79.63	81.46	79.46	77.08	75.75	78.42	82.13	83.54	79.21	79.00	82.38	80.04	82.04	77.88	74.46	80.92	79.54	85.00	84.29
5	78.71	83.17	82.67	78.79	82.08	75.92	78.00	87.75	81.63	83.92	80.67	77.29	79.88	82.04	82.75	82.88	82.25	79.63	80.75	78.54	83.67	81.75	78.17	80.29	75.88	85.13	81.21
6	75.96	84.21	81.17	74.67	83.96	75.96	77.50	87.33	82.71	88.25	78.54	80.88	78.83	80.50	81.67	81.38	83.63	77.29	77.42	79.38	81.79	83.58	76.88	80.21	79.17	82.50	81.67
7	77.21	84.67	78.54	76.88	83.29	77.33	76.75	85.08	77.58	89.92	82.58	83.04	80.42	81.17	83.38	77.79	83.08	77.04	77.42	81.83	80.33	79.83	79.63	80.67	83.67	84.58	81.46
8	78.63	83.67	79.33	80.29	81.54	79.17	77.13	85.83	80.54	84.79	82.42	78.46	81.21	76.33	83.29	78.79	83.79	78.29	79.29	84.04	79.33	82.79	79.92	82.75	82.25	86.88	79.75
9	80.96	82.88	81.29	81.00	80.92	82.25	80.17	80.54	79.00	83.75	84.75	77.71	81.54	79.13	78.38	76.79	81.42	78.92	78.38	84.96	80.79	81.75	81.92	80.88	79.92	85.96	78.58
10	79.71	84.38	77.46	79.46	82.21	85.21	82.67	84.50	77.50	85.50	78.96	79.83	81.79	83.04	76.38	79.13	81.50	81.38	79.38	80.50	82.33	79.54	78.21	78.50	84.79	82.88	77.29
11	76.88	84.75	75.96	78.88	80.46	83.17	83.79	88.17	80.33	83.08	81.13	80.88	81.38	84.58	83.25	81.71	84.79	78.79	79.38	85.63	80.83	79.92	76.71	80.17	87.63	81.71	78.63
12	85.54	83.63	78.67	78.79	82.67	81.63	81.58	85.75	79.13	81.58	80.83	81.33	78.38	84.92	82.79	80.29	87.25	80.58	81.63	83.63	82.96	78.04	76.92	80.75	88.00	81.50	80.33
13	84.83	82.21	78.42	78.08	79.88	77.21	81.08	78.50	74.25	78.92	82.83	79.17	78.00	82.38	81.88	82.13	82.88	79.63	81.83	81.42	84.63	82.13	75.25	81.04	85.42	83.58	80.75
14	82.71	77.75	78.17	77.79	80.29	78.92	81.50	78.83	78.29	81.67	81.33	81.08	76.88	83.17	79.46	81.96	81.08	79.63	82.21	82.04	82.04	83.21	80.13	83.13	83.17	83.08	79.75
15	79.50	76.17	80.29	80.88	82.21	81.29	81.00	83.25	79.54	87.42	79.63	82.54	78.75	79.46	78.75	83.83	81.79	81.21	82.88	81.46	79.21	83.75	80.25	79.79	85.08	77.63	78.75
16	77.46	75.50	81.79	82.67	85.08	78.88	81.50	83.25	78.71	87.25	80.54	85.63	77.29	76.00	78.79	82.13	81.29	82.33	80.21	81.96	77.04	84.83	82.25	80.17	82.92	79.75	78.38
17	76.04	78.54	84.71	81.88	80.96	81.92	76.29	80.79	78.46	88.79	82.13	86.42	76.08	78.29	79.33	80.25	80.96	83.58	80.92	79.04	78.04	79.38	83.54	82.04	85.46	81.71	79.38
18	76.96	80.63	83.08	79.71	81.83	83.00	75.67	81.21	78.04	89.13	80.21	88.67	77.13	76.63	82.92	81.21	84.17	83.13	77.79	81.08	82.17	78.17	82.42	81.00	87.04	81.83	79.58
19	81.21	79.17	84.25	79.63	83.63	82.75	75.38	80.33	78.29	87.71	80.42	86.00	79.13	81.08	82.67	80.92	85.42	84.79	76.08	78.96	82.50	78.50	77.92	77.17	84.58	84.88	82.42
20	81.25	78.46	82.38	77.04	82.38	82.83	79.08	78.29	81.96	82.92	81.83	80.63	79.63	81.71	81.33	82.88	87.83	84.50	77.29	83.17	83.92	79.29	76.25	78.17	85.38	85.29	84.08
21	81.71	78.54	80.08	77.25	82.00	84.92	78.96	80.58	83.88	80.67	80.04	78.38	78.96	80.96	83.21	82.46	81.33	84.29	76.33	85.50	82.92	81.83	79.67	77.67	86.54	83.42	80.63
22	82.46	80.00	78.21	78.75	80.50	85.13	81.08	78.58	85.88	79.71	82.17	77.50	74.96	81.25	84.58	81.13	78.21	82.79	78.29	85.54	83.75	81.54	75.54	80.96	85.25	82.29	79.88
23	84.00	79.54	81.58	76.63	80.54	81.00	82.50	78.08	84.33	76.46	83.08	76.29	75.88	83.54	83.33	78.71	79.79	77.29	79.92	86.42	82.38	80.63	78.63	80.21	81.96	84.00	78.29
24	83.25	80.63	81.83	78.67	80.17	77.71	83.08	78.25	83.33	78.17	75.67	76.00	76.92	83.21	85.63	78.58	78.33	80.42	80.38	86.00	83.29	82.83	76.67	80.21	82.04	83.92	80.96
25	75.88	79.79	83.79	80.00	82.96	77.17	82.29	78.25	79.21	76.04	78.63	77.83	76.13	81.17	83.75	78.58	79.21	81.88	79.63	83.67	81.83	82.13	78.96	81.42	82.67	83.71	81.92
26	76.46	81.58	84.96	76.42	81.96	79.46	80.83	82.25	82.71	78.08	79.67	79.58	77.42	82.83	85.13	83.71	79.83	79.92	79.46	83.96	79.46	78.63	82.96	82.88	84.96	82.92	81.88
27	78.54	82.29	84.88	76.04	81.21	81.79	82.00	81.00	82.17	81.33	81.71	80.54	79.83	79.21	85.13	85.13	82.33	80.63	79.58	85.50	79.42	78.46	79.79	86.00	84.58	83.58	82.79
28	81.04	81.63	84.29	76.42	78.04	82.13	81.04	80.79	83.08	80.58	80.54	78.17	80.29	80.92	84.00	82.96	84.88	81.88	78.92	87.96	80.79	81.67	79.96	85.54	88.04	84.54	82.50
29	77.88	82.21	85.88	76.38	79.13	80.08	79.88	79.63	84.42	78.21	80.25	76.67	76.83	81.92	82.00	79.88	83.38	81.04	79.21	87.00	82.88	81.21	81.25	81.83	86.58	85.21	81.96
30	79.00	78.50	83.58	74.58	81.88	81.08	80.04	79.50	86.42	80.83	81.00	78.00	75.83	83.25	76.38	77.42	80.58	81.54	82.38	89.13	86.67	81.79	81.79	79.96	81.79	82.83	81.17
31	78.63	79.33	81.88	74.63	83.04	79.17	77.33	82.13	87.17	80.08	76.63	79.79	77.17	83.88	76.46	79.25	80.00	80.50	79.63	84.50	86.63	76.92	80.13	79.96	84.33	82.75	80.63
8	**79.55**	**78.02**	**81.53**	**78.60**	**82.27**	**78.39**	**79.65**	**81.55**	**82.55**	**81.75**	**79.06**	**79.98**	**78.90**	**79.88**	**81.18**	**82.07**	**83.02**	**79.85**	**79.54**	**82.31**	**83.69**	**79.42**	**80.81**	**82.92**	**82.52**	**82.95**	**81.22**
1	79.04	82.38	81.75	79.33	83.50	77.63	73.33	82.00	85.50	79.17	77.96	78.08	74.96	85.54	75.79	81.96	80.79	78.75	78.83	81.04	80.54	82.38	80.75	80.67	81.96	80.88	78.92
2	77.46	79.96	78.13	80.46	81.21	76.25	76.13	81.25	85.96	77.46	77.75	79.33	78.58	83.92	76.00	82.71	79.42	79.58	80.00	85.13	84.08	82.38	82.88	83.83	83.54	81.17	82.46
3	78.71	78.38	79.54	79.04	80.25	77.63	78.58	80.83	85.21	78.29	77.38	80.21	78.29	84.17	77.83	81.79	78.25	81.50	79.88	85.04	86.54	81.13	81.71	82.29	85.21	84.46	76.04
4	80.38	78.13	79.33	77.92	81.54	80.50	79.58	82.21	83.83	77.58	78.00	77.04	78.46	79.88	77.46	80.54	82.21	81.46	79.92	81.46	87.04	82.08	85.38	82.54	83.17	78.96	76.25

5	81.63	77.50	79.04	79.67	80.96	77.33	82.13	83.58	83.92	82.92	74.17	77.50	78.96	83.92	77.58	80.13	84.25	81.75	80.17	83.58	86.50	79.46	84.17	85.00	81.38	79.63	78.58
6	82.42	80.75	81.17	79.63	81.46	77.00	82.00	82.79	84.21	83.00	74.46	82.75	78.71	84.25	75.58	84.08	85.58	83.96	80.83	84.17	85.04	78.42	85.33	86.08	80.75	82.33	79.00
7	83.17	79.21	82.96	75.54	82.67	78.54	79.58	77.88	82.92	84.00	76.46	83.17	75.33	79.92	77.04	84.58	85.13	81.00	82.58	81.92	82.42	78.83	82.67	81.54	83.00	81.21	80.67
8	83.79	79.83	82.33	77.63	80.67	78.88	77.71	78.54	80.21	84.46	77.54	79.83	80.08	80.21	78.75	81.08	86.04	80.17	82.08	84.08	80.42	79.25	81.13	83.71	82.04	80.96	79.25
9	78.54	78.29	81.88	76.67	81.38	79.50	77.04	78.42	81.54	84.75	81.04	77.46	77.88	80.29	79.71	81.88	84.46	80.92	82.75	86.42	81.67	77.71	81.67	83.00	84.04	80.83	79.54
10	78.88	80.13	82.50	80.33	81.29	77.58	77.83	81.42	80.50	81.92	77.88	79.33	78.54	76.71	79.79	83.83	85.88	79.17	84.04	84.00	82.79	77.38	82.42	79.71	86.38	78.67	81.92
11	80.08	79.46	80.88	78.00	82.50	80.13	80.25	83.50	84.08	79.79	77.71	80.75	77.08	76.50	78.21	84.38	83.04	79.33	83.21	82.38	84.58	77.50	82.46	80.38	84.29	82.29	83.33
12	78.46	77.58	81.21	77.71	80.50	78.38	82.00	84.17	86.63	81.21	76.88	79.08	75.42	75.33	81.38	83.13	80.29	74.88	81.17	79.71	83.00	83.29	84.63	83.38	84.58	83.21	81.92
13	78.29	74.58	79.46	78.46	81.25	79.83	82.29	84.00	83.38	81.71	80.29	79.17	77.42	74.96	83.46	80.54	83.21	76.75	77.75	82.08	82.92	81.17	82.13	80.17	86.21	83.46	81.75
14	77.54	75.75	79.58	76.50	85.29	78.46	82.21	77.08	80.54	81.29	78.54	81.08	80.33	77.21	83.17	81.04	86.21	78.58	79.13	83.96	82.33	78.67	80.29	82.50	80.92	83.46	79.67
15	77.50	76.71	83.75	75.96	87.92	78.25	79.96	80.67	78.71	83.29	81.21	81.67	79.00	77.50	81.25	81.13	86.42	80.25	77.75	80.83	85.13	78.88	80.21	83.67	82.42	83.08	81.38
16	79.79	76.42	83.83	78.92	84.88	79.42	79.71	78.79	81.75	83.75	80.08	81.71	79.42	77.13	82.50	79.88	84.88	76.54	78.17	83.21	80.42	80.71	77.71	84.21	81.46	85.33	83.42
17	80.08	76.04	82.88	78.79	83.54	80.21	81.67	80.79	83.42	84.21	81.50	82.38	77.71	80.42	83.58	82.67	83.50	77.33	79.29	85.17	83.29	78.25	74.83	81.50	78.92	85.42	85.50
18	81.79	77.67	84.33	77.33	83.54	80.21	83.54	80.13	82.17	85.50	80.38	80.42	79.58	81.46	84.96	83.96	81.25	77.38	80.79	82.50	81.75	79.63	77.25	80.63	79.42	84.58	85.96
19	79.13	74.92	82.71	77.79	83.29	80.96	83.38	78.38	81.38	85.13	78.29	79.71	78.92	81.46	86.00	84.21	83.00	80.21	80.38	81.71	83.21	78.17	79.63	79.75	82.21	84.29	83.25
20	81.33	76.88	80.88	75.83	80.33	82.29	82.29	81.33	80.17	79.58	79.13	78.71	78.63	79.29	85.25	83.13	85.08	79.38	81.71	82.21	84.04	73.63	78.88	82.71	81.63	82.50	83.38
21	77.21	76.88	83.88	78.21	82.38	81.71	80.46	79.96	81.54	78.58	79.50	81.58	78.63	77.50	83.88	82.50	85.88	80.17	77.71	82.63	82.92	75.63	79.17	85.04	84.33	80.83	81.25
22	77.04	77.83	84.75	79.21	81.08	80.21	75.33	80.38	81.33	81.08	78.46	82.50	77.33	76.58	83.00	80.58	86.46	76.13	80.33	81.92	82.71	77.33	76.00	85.08	85.54	84.96	81.38
23	77.33	79.92	82.25	79.67	81.38	80.92	74.79	81.33	80.71	82.50	80.63	83.38	77.00	78.13	81.00	81.21	84.38	76.42	76.42	82.58	84.13	75.21	77.88	88.25	82.71	85.04	84.38
24	77.21	79.96	84.75	81.13	81.25	76.04	80.38	81.17	81.17	83.17	79.96	84.04	81.33	80.83	81.71	78.75	81.96	80.08	74.50	82.71	84.83	78.92	78.38	86.79	84.04	85.46	84.50
25	77.00	83.25	84.88	79.54	79.54	75.21	80.08	82.04	79.75	78.13	81.83	81.63	83.50	82.33	84.29	78.42	80.58	80.38	76.63	81.88	85.33	80.42	79.79	84.33	85.38	84.04	83.42
26	79.08	79.63	80.75	80.25	82.08	76.63	77.25	84.17	82.29	81.25	81.83	80.04	81.42	82.58	81.71	81.75	78.75	81.04	77.79	80.63	87.29	81.04	80.25	83.00	81.13	84.83	81.17
27	80.00	78.13	79.00	79.17	84.08	78.63	78.58	85.46	82.21	80.92	81.71	77.13	81.67	82.21	83.13	84.58	78.96	81.42	74.79	78.50	89.42	80.29	81.17	82.79	80.21	83.04	81.96
28	81.38	78.71	80.42	79.92	83.92	76.50	79.92	84.58	84.04	82.38	80.13	77.46	78.13	81.75	83.83	83.50	84.04	81.92	79.54	78.71	84.00	82.42	81.42	80.88	79.63	85.63	80.33
29	81.58	76.46	80.00	79.00	82.29	76.42	79.96	82.25	84.25	85.42	80.17	77.75	80.58	78.63	82.13	82.75	83.54	83.42	80.88	80.17	82.83	79.13	82.54	79.42	77.58	85.54	78.08
30	80.08	74.46	78.88	79.75	81.42	75.54	82.63	84.88	83.79	81.21	80.58	77.38	80.42	76.50	86.25	81.42	81.00	81.83	80.21	80.38	82.42	81.21	83.04	83.13	81.79	84.50	79.79
31	80.21	72.75	79.75	79.38	83.04	73.25	78.58	83.92	82.00	80.58	79.38	77.00	82.50	79.25	80.29	82.04	79.33	83.58	76.54	80.96	80.88	81.42	79.42	84.46	82.17	80.83	79.63
9	**78.54**	**77.04**	**77.89**	**76.04**	**77.68**	**76.05**	**78.66**	**78.27**	**77.39**	**76.59**	**74.08**	**79.87**	**76.05**	**77.53**	**80.23**	**75.89**	**79.66**	**77.97**	**78.54**	**80.06**	**77.21**	**77.81**	**79.07**	**78.29**	**78.65**	**80.31**	**77.65**
1	80.38	75.42	78.29	77.63	82.75	75.33	80.58	78.17	77.96	78.08	77.13	79.17	80.00	79.46	82.46	82.25	79.96	85.29	77.58	81.38	82.88	82.08	81.71	81.79	80.75	77.71	79.96
2	80.21	76.25	81.17	80.63	82.21	76.00	81.75	72.29	77.50	78.17	75.54	78.92	80.46	81.00	82.00	80.83	80.58	80.00	76.79	79.17	81.50	82.63	79.04	83.46	83.29	82.58	78.33
3	78.21	77.21	80.33	79.75	83.08	78.29	83.54	77.54	80.88	79.13	74.79	79.92	79.92	81.75	80.71	80.88	81.33	79.71	78.88	80.79	79.83	81.13	80.29	81.13	81.54	78.58	79.08
4	80.25	78.00	79.46	72.83	79.00	77.83	81.00	79.08	82.58	79.13	75.83	81.71	80.38	81.54	80.75	80.17	82.08	79.88	80.08	81.21	75.42	77.75	79.67	81.38	81.88	79.25	79.50
5	80.42	76.92	78.42	73.17	77.75	77.88	77.42	81.79	81.21	76.33	79.83	81.88	77.46	79.38	80.38	77.04	81.21	79.79	80.83	81.13	79.58	77.17	82.21	80.92	81.46	80.13	79.17
6	81.63	75.54	78.21	76.75	77.25	79.29	76.25	78.54	82.17	74.21	78.25	81.71	76.75	75.71	80.04	76.33	83.63	78.50	80.38	82.00	73.96	80.75	82.54	78.17	81.25	78.83	76.88
7	82.67	77.71	76.33	76.79	75.21	79.08	76.29	78.46	80.29	74.08	78.79	81.25	73.58	78.46	80.17	75.17	82.13	80.21	79.13	83.42	70.71	80.83	80.54	78.67	79.21	79.46	74.50
8	82.29	78.75	76.75	77.13	78.04	78.46	76.79	80.04	81.67	79.21	80.83	81.71	76.00	80.33	80.50	75.58	81.54	82.25	77.50	83.21	68.54	78.25	79.75	78.58	79.29	79.96	77.88
9	79.42	79.38	77.13	77.63	77.00	78.75	76.88	77.71	77.58	80.67	80.71	81.50	75.38	78.63	77.96	76.13	81.96	83.33	80.00	82.33	71.46	78.04	80.17	79.46	80.54	80.42	76.08
10	81.08	78.50	79.46	75.71	78.50	76.04	76.25	74.08	78.38	81.63	80.75	80.58	76.71	76.92	76.46	76.58	80.67	81.08	80.25	82.54	75.17	74.79	82.21	80.71	80.33	81.29	69.46
11	80.58	80.25	78.63	76.63	81.83	77.46	76.00	75.25	81.33	80.08	79.50	80.46	75.25	78.75	75.96	78.67	78.04	82.50	81.04	83.71	76.00	78.50	81.13	81.08	81.50	82.92	63.63
12	81.75	80.17	78.46	79.25	80.08	78.08	79.25	75.92	80.13	79.04	78.71	77.71	73.33	77.96	79.79	77.79	78.54	82.17	75.88	81.71	77.25	78.83	81.25	83.46	75.92	81.50	71.92
13	82.71	79.63	80.79	79.04	78.38	76.92	80.79	75.13	79.50	80.29	76.50	76.75	75.21	75.25	78.29	75.75	79.50	81.04	80.21	83.58	78.50	79.71	81.38	83.38	74.00	81.04	75.04
14	81.21	75.42	80.96	77.75	77.92	74.67	81.08	78.96	79.54	80.75	75.04	73.88	76.04	77.75	79.42	77.38	78.50	81.50	78.88	82.17	80.04	78.92	80.54	83.04	71.46	79.79	76.67
15	81.79	79.17	79.92	77.92	78.67	74.92	80.79	80.42	81.58	80.79	74.04	79.92	79.25	79.42	80.13	78.00	80.75	80.21	76.79	78.96	79.25	80.21	81.25	80.04	78.33	82.33	78.75
16	83.29	79.54	79.75	73.79	79.58	77.96	79.21	79.63	76.38	77.83	69.58	79.88	78.58	80.92	82.71	79.58	80.42	78.92	77.92	78.29	77.17	79.17	81.04	78.42	78.13	82.79	78.75
17	81.38	78.88	77.58	78.17	77.63	80.50	78.29	78.79	74.67	68.29	68.46	80.79	78.50	82.58	83.50	79.33	79.88	77.38	75.08	79.88	77.29	77.21	81.83	79.75	79.71	81.29	79.88
18	80.83	77.88	79.92	80.88	78.67	78.04	79.75	78.25	76.96	69.83	71.96	81.21	73.17	77.13	84.75	77.75	77.71	78.25	78.54	80.83	74.63	74.88	78.71	79.42	79.29	79.79	79.00
19	80.46	77.75	81.50	75.54	79.54	72.13	80.08	79.25	76.83	74.88	74.88	81.88	73.04	74.54	84.88	76.67	75.79	77.50	79.58	80.21	76.96	75.21	79.67	75.63	80.79	78.96	79.29

20	77.67	77.58	78.63	74.88	77.38	71.88	82.25	76.38	77.08	79.17	77.54	80.50	75.38	72.17	83.33	72.04	75.13	75.54	81.58	80.25	79.46	74.54	78.67	73.92	79.50	83.58	79.79
21	73.50	78.17	80.92	75.79	77.50	72.54	83.88	77.46	75.63	77.96	77.63	81.88	77.75	72.08	80.83	69.79	76.42	74.71	81.13	81.42	76.38	75.17	76.42	74.67	78.54	82.83	76.75
22	77.08	77.33	81.75	74.58	77.96	73.33	82.25	79.00	66.71	76.58	77.00	80.29	76.46	76.79	78.21	75.38	78.13	76.54	81.08	81.50	75.67	78.25	75.96	75.38	79.04	82.21	78.50
23	78.21	77.50	81.83	71.13	76.38	70.79	79.79	82.00	66.83	79.25	75.25	80.58	76.88	76.71	80.46	79.08	79.29	77.33	81.50	81.13	79.00	75.83	77.88	76.79	79.50	82.46	80.21
24	76.67	72.29	80.17	76.67	66.79	73.25	77.75	78.00	70.71	80.58	72.46	75.88	77.38	75.13	80.75	77.63	80.71	72.63	82.00	82.54	79.71	71.25	78.71	72.83	75.92	80.46	80.08
25	75.46	70.13	78.79	74.13	69.88	72.92	78.21	77.50	74.17	81.25	67.25	78.88	76.21	76.00	79.71	76.38	80.33	69.04	81.96	81.04	80.38	72.50	77.75	67.96	70.79	79.33	80.21
26	68.29	72.71	77.71	71.00	75.17	76.54	71.46	81.21	76.88	69.13	61.63	79.54	74.67	76.21	78.54	71.71	80.58	71.13	79.79	74.13	81.13	78.21	75.58	74.04	74.83	79.46	79.88
27	68.13	76.79	75.88	69.17	77.58	78.04	75.46	80.46	74.92	67.00	63.04	79.96	77.42	74.21	77.04	67.96	79.33	69.79	77.46	73.92	80.46	79.67	73.75	76.42	75.79	78.88	79.79
28	71.38	78.00	67.42	74.17	77.46	76.08	74.50	81.42	79.04	70.63	68.08	77.29	76.04	78.38	79.08	70.83	79.96	70.58	76.29	71.42	75.38	79.58	74.63	76.79	77.92	78.08	79.83
29	73.50	76.67	66.50	75.58	76.75	72.83	75.54	78.17	80.46	71.33	68.75	80.00	66.67	75.67	78.67	69.17	79.50	75.25	73.67	73.25	76.33	77.00	75.17	75.96	78.92	80.79	79.96
30	75.71	71.54	63.92	77.13	74.38	75.79	76.63	77.33	72.21	72.29	62.63	80.46	67.75	74.92	79.38	64.79	76.25	77.04	64.25	74.63	76.29	76.25	72.79	75.38	80.17	72.63	80.58
10	**68.54**	**65.59**	**68.69**	**69.22**	**70.73**	**66.55**	**68.93**	**71.02**	**69.80**	**65.67**	**66.51**	**72.50**	**68.77**	**71.61**	**70.34**	**67.77**	**72.48**	**66.88**	**71.33**	**67.83**	**65.78**	**69.47**	**70.66**	**68.56**	**72.09**	**72.84**	**71.75**
1	73.92	66.00	63.58	77.46	75.13	74.25	77.50	77.67	69.67	72.13	60.83	80.33	67.50	77.54	80.63	71.08	78.08	73.58	66.17	71.54	67.83	78.92	76.67	75.67	77.83	70.08	73.54
2	73.25	64.88	69.13	76.33	78.75	73.54	72.13	78.38	75.96	67.83	62.96	79.96	65.71	78.21	79.92	76.96	76.46	65.67	68.38	70.33	61.38	77.08	77.63	76.42	72.88	72.88	76.04
3	72.75	70.79	70.96	79.00	78.50	74.25	73.13	77.63	78.42	69.13	64.83	78.42	68.33	78.42	80.33	76.75	79.21	66.38	73.42	69.17	62.17	71.71	76.42	75.88	67.50	77.08	77.29
4	73.88	69.92	72.04	67.42	79.04	72.04	72.29	77.33	75.50	76.50	67.96	77.33	70.88	76.58	81.00	75.21	78.58	69.67	74.79	63.79	65.08	74.54	79.04	70.25	65.00	79.25	77.13
5	73.79	63.17	73.25	65.96	80.04	66.04	78.67	78.04	73.50	77.92	74.25	78.58	71.71	74.00	78.21	73.08	78.75	72.08	77.00	63.00	67.88	77.46	78.29	59.00	69.75	78.38	78.67
6	68.79	64.58	74.79	67.63	73.83	65.17	76.54	79.04	73.42	74.38	73.46	79.33	73.25	76.33	78.42	75.17	79.08	77.92	80.04	61.21	71.83	78.50	76.54	60.79	70.38	76.83	78.17
7	59.54	68.50	69.42	74.33	72.79	61.75	76.33	78.46	71.71	70.92	67.46	78.75	72.42	74.63	80.08	72.33	78.71	75.71	82.42	62.79	75.92	77.08	78.17	69.13	72.29	80.08	81.63
8	59.33	70.13	73.67	75.04	72.63	66.13	78.04	76.58	74.29	59.00	67.92	78.08	73.33	71.96	76.75	66.63	79.46	72.38	80.83	68.38	74.17	71.88	75.25	74.29	71.63	81.75	80.71
9	68.21	71.71	71.46	75.21	74.08	64.88	79.38	71.50	76.21	51.88	69.83	75.54	73.67	73.71	75.33	64.08	78.00	73.38	81.13	70.67	71.83	68.29	68.13	75.46	77.75	76.79	82.08
10	69.58	68.67	73.42	72.79	73.67	61.63	77.92	63.92	76.75	52.75	70.96	75.29	71.88	73.58	74.67	68.00	78.79	73.04	79.63	70.67	71.04	69.63	70.25	76.21	77.63	68.46	80.63
11	66.75	68.42	64.71	64.21	73.58	62.17	75.38	67.58	74.63	57.50	73.46	76.88	69.71	71.54	77.96	71.08	72.29	74.04	78.63	71.13	73.96	69.58	70.83	76.50	69.04	71.17	79.04
12	68.92	57.21	61.38	62.58	74.08	65.88	76.25	74.58	77.71	58.04	72.88	78.17	70.00	73.04	74.63	72.96	63.33	75.04	80.25	69.71	72.21	70.67	70.42	76.54	68.29	73.83	80.42
13	71.29	60.42	60.50	68.92	74.75	66.29	75.42	72.42	75.29	59.21	74.83	76.21	72.79	68.38	73.08	64.17	67.50	77.83	73.17	70.79	72.83	74.88	72.58	76.46	73.83	74.54	78.88
14	67.50	64.04	69.88	71.67	74.54	63.67	74.50	70.42	75.04	58.83	76.50	74.83	74.83	65.88	72.33	61.50	74.50	75.71	74.21	70.92	68.42	75.08	72.63	74.17	74.79	72.00	79.21
15	68.96	66.13	74.42	66.58	62.88	67.42	72.17	70.79	72.63	59.79	67.00	65.46	63.42	60.17	73.13	62.08	73.71	73.63	77.50	62.08	68.71	74.92	73.29	65.71	68.25	76.79	77.33
16	58.92	68.50	71.88	67.42	62.38	70.04	68.08	70.08	76.63	61.54	64.75	63.08	62.67	62.92	70.17	68.83	74.83	71.04	69.46	63.13	69.83	66.63	74.08	63.67	70.58	76.04	75.79
17	56.04	70.54	73.71	67.50	68.88	71.83	66.75	74.13	74.96	64.75	54.50	59.67	68.79	67.88	69.71	74.00	76.92	69.50	53.79	62.38	69.96	67.00	73.96	64.33	70.17	77.58	68.08
18	58.46	66.00	72.00	68.71	71.13	69.42	62.67	73.92	70.58	68.29	57.54	59.17	67.67	68.38	70.00	79.29	74.08	68.42	51.17	63.00	71.29	68.71	74.50	67.71	66.25	76.17	67.29
19	60.83	55.17	71.79	68.75	72.83	55.25	59.04	76.13	72.04	69.29	68.21	62.08	64.58	72.04	71.25	77.88	69.58	62.25	51.50	66.58	61.88	69.25	72.17	67.04	64.83	74.67	72.21
20	64.08	58.83	73.96	70.17	73.00	52.58	57.92	73.96	70.17	69.92	71.88	68.21	64.38	76.08	73.88	74.75	68.13	62.25	57.46	68.17	52.71	61.17	70.83	67.33	68.83	73.08	73.58
21	68.42	64.75	73.46	73.21	56.63	58.29	60.83	75.42	61.79	68.71	72.79	73.04	67.21	73.50	77.08	69.71	69.04	63.17	68.96	65.96	52.67	62.79	72.92	69.13	73.54	71.83	75.46
22	71.00	64.04	74.92	71.42	56.25	63.88	60.08	66.33	59.79	70.08	71.71	72.67	73.17	69.25	74.58	73.13	75.29	65.25	72.29	64.75	53.33	66.33	70.54	66.00	76.29	60.17	76.50
23	74.83	62.13	62.38	69.96	67.92	64.13	58.54	58.25	62.50	69.29	71.83	70.04	67.38	67.46	67.50	57.71	77.42	65.88	74.38	66.29	55.42	69.46	66.13	61.13	75.96	58.92	75.13
24	75.92	58.71	65.63	66.79	71.67	54.33	64.38	63.17	51.71	68.08	73.63	68.38	67.38	68.92	60.83	52.21	62.54	66.17	65.08	70.08	59.96	72.17	58.96	61.29	74.88	61.46	64.38
25	76.79	65.46	71.25	62.46	71.63	64.21	73.04	63.13	51.79	62.21	75.83	69.54	69.13	72.46	53.29	55.25	62.83	64.33	58.38	75.17	61.42	74.67	57.88	61.08	76.00	66.92	57.00
26	74.88	65.38	68.88	62.67	69.13	73.63	76.13	60.46	57.75	64.00	60.88	70.63	69.58	70.00	50.96	61.88	68.17	58.54	64.88	78.54	63.38	75.00	54.63	65.29	75.08	71.83	55.42
27	73.96	66.42	66.96	60.58	76.46	72.25	59.67	63.46	58.50	63.79	51.54	73.42	68.29	68.67	56.21	68.88	65.92	56.88	74.00	78.21	69.25	68.79	58.50	69.50	73.46	73.17	59.04
28	71.75	68.29	65.21	61.67	68.21	71.79	51.46	65.67	61.38	67.08	48.08	74.92	64.46	71.00	58.04	60.25	65.25	47.83	75.25	75.33	69.13	56.63	64.63	67.38	75.54	72.46	64.79
29	70.46	68.21	65.17	64.38	58.04	72.83	57.08	66.08	67.71	69.04	56.13	73.17	62.08	73.54	54.79	55.88	63.88	45.42	77.29	63.83	61.17	54.38	65.33	67.25	70.25	70.08	51.42
30	67.46	67.71	66.25	71.58	62.25	71.04	60.88	67.21	71.83	67.00	55.25	72.21	64.25	72.58	54.58	57.71	66.54	51.29	76.29	61.46	57.75	52.88	67.96	66.21	70.67	72.50	51.00
31	64.63	68.71	43.33	73.54	68.00	72.58	64.54	69.88	73.83	66.75	62.21	64.00	71.29	71.17	61.33	62.29	69.88	59.13	73.38	63.54	64.67	57.54	71.33	58.58	75.54	71.21	56.46
11	**55.05**	**60.67**	**58.85**	**64.71**	**55.84**	**58.73**	**57.06**	**64.83**	**59.32**	**57.55**	**62.92**	**56.50**	**62.28**	**61.74**	**63.23**	**57.74**	**57.81**	**55.93**	**58.75**	**58.71**	**61.12**	**57.56**	**61.38**	**54.25**	**68.11**	**63.41**	**61.37**
1	67.54	69.67	39.92	63.79	73.33	69.08	69.33	68.54	69.92	69.04	70.33	61.33	72.00	71.96	67.33	66.50	71.92	56.50	59.50	66.92	60.83	60.88	74.42	52.42	79.71	70.96	58.17
2	54.88	71.54	47.83	54.42	75.75	62.79	64.04	70.38	59.00	68.38	71.67	57.75	67.00	74.71	67.67	61.92	65.88	62.04	54.50	65.50	61.13	60.88	67.46	48.71	80.54	74.83	63.71
3	50.04	72.21	57.29	57.13	68.79	49.17	55.79	74.79	48.42	68.92	73.58	58.38	70.79	72.79	64.71	54.58	59.67	64.88	59.33	66.42	67.29	71.00	59.92	48.50	77.92	75.46	67.33

4	43.67	74.21	64.75	64.92	55.71	60.04	50.63	62.33	48.25	69.33	69.58	68.29	76.25	68.75	63.21	56.50	56.67	63.50	60.21	62.00	53.54	68.42	64.13	56.54	79.54	74.88	69.50
5	42.46	63.83	70.38	66.58	55.67	67.67	53.00	58.58	55.17	68.67	63.79	72.63	74.96	58.63	65.67	61.50	57.08	60.92	59.50	50.75	55.54	62.71	66.08	64.42	78.54	69.13	69.58
6	44.96	50.58	63.46	68.75	57.58	69.75	57.79	50.88	58.79	69.67	54.04	64.29	75.92	54.00	70.33	64.13	59.21	59.50	53.46	47.17	62.04	58.42	70.33	68.67	76.88	68.83	67.63
7	49.38	47.46	47.29	68.21	68.46	71.50	54.58	50.38	57.63	71.63	54.17	52.75	73.25	54.79	69.00	66.08	49.21	60.75	61.17	47.04	67.25	51.88	69.00	57.54	75.54	71.75	69.71
8	48.75	51.54	51.79	71.25	57.42	64.83	52.00	59.33	60.96	72.21	57.08	55.33	71.00	59.67	69.54	58.75	44.46	61.46	68.88	49.04	68.83	51.25	57.54	53.04	69.71	67.96	72.58
9	49.29	59.13	55.29	71.71	47.13	48.00	52.17	62.75	62.63	73.54	58.21	64.75	64.83	62.33	69.42	59.75	49.08	52.13	69.54	54.63	64.79	51.04	62.88	56.71	66.83	66.00	64.58
10	50.42	63.38	55.08	70.96	59.17	49.46	53.29	68.46	64.04	57.67	58.00	74.42	61.00	62.33	71.58	62.29	55.46	51.38	70.75	56.42	56.54	53.21	64.92	55.54	61.25	59.38	61.08
11	46.88	65.96	50.42	60.63	62.04	46.67	56.17	67.92	63.83	52.29	59.75	77.88	65.83	65.25	57.38	63.71	54.83	56.63	64.21	57.75	47.46	59.79	61.46	56.33	61.88	57.96	59.67
12	47.13	71.04	58.63	62.21	44.58	49.33	56.08	65.83	61.50	54.29	60.13	68.13	67.38	68.75	65.17	54.08	60.25	67.21	60.42	55.38	45.58	65.88	61.21	61.29	70.08	62.04	64.29
13	48.46	57.92	67.67	68.83	47.13	53.00	71.50	66.50	62.79	61.58	61.75	53.79	64.71	60.75	67.33	52.21	59.67	72.50	58.83	50.96	55.17	63.50	47.04	59.33	64.75	64.04	64.42
14	52.08	49.38	71.17	69.38	51.33	57.17	66.58	70.00	58.46	59.08	64.00	51.42	51.17	58.04	67.46	55.21	62.50	73.79	58.08	53.75	60.13	59.88	53.83	46.33	57.33	59.92	61.42
15	58.29	51.88	69.71	72.92	45.67	56.58	54.46	69.83	58.79	48.46	64.88	61.83	57.00	58.17	71.38	65.63	60.42	63.79	56.08	61.58	65.67	55.38	60.46	47.46	63.21	59.50	55.50
16	61.67	52.04	69.25	71.08	50.63	53.54	48.42	72.04	51.08	54.00	61.21	60.17	61.79	57.67	67.08	58.04	45.46	47.29	57.88	69.00	73.96	51.38	66.21	59.83	67.96	61.83	55.13
17	64.21	52.67	72.46	62.33	59.08	63.08	41.96	70.25	49.88	60.13	57.92	48.08	63.21	54.13	52.75	47.46	45.42	46.50	62.92	56.83	65.79	55.25	71.38	63.63	72.04	60.38	56.17
18	68.67	60.96	65.50	60.42	54.96	62.29	45.13	69.92	58.46	49.46	58.63	46.96	70.42	54.58	51.21	47.33	52.17	45.21	59.29	51.88	56.13	60.21	72.25	41.38	74.25	59.58	58.46
19	69.79	67.71	62.92	65.25	55.96	62.67	52.38	70.08	62.29	47.50	60.88	51.96	64.75	63.42	57.38	47.04	61.63	39.83	53.67	53.04	64.29	57.58	61.04	37.29	72.13	59.75	61.17
20	68.96	69.42	60.63	70.21	56.79	65.92	56.25	70.54	64.42	48.13	62.71	58.83	57.75	68.75	63.92	45.38	59.38	48.38	55.96	56.58	70.54	62.50	61.67	43.17	66.42	50.83	48.58
21	72.25	70.96	51.13	70.50	57.29	69.38	65.75	61.67	66.79	40.29	52.92	59.92	55.92	70.42	60.17	46.33	63.04	46.58	59.38	62.67	68.79	60.00	66.92	50.71	67.42	48.71	58.25
22	61.13	73.29	58.25	64.88	43.79	58.25	72.21	60.63	63.88	39.08	59.13	52.38	57.13	67.00	52.88	48.29	66.00	41.25	65.08	64.50	67.33	53.79	69.04	58.92	61.71	51.50	63.21
23	56.00	70.08	60.13	55.58	47.88	50.33	62.17	67.63	63.42	43.71	63.67	42.17	59.79	69.88	48.54	51.46	51.58	46.00	59.71	65.79	69.13	54.50	67.50	68.13	48.33	58.42	60.13
24	46.88	70.50	60.92	46.71	55.88	59.04	51.88	70.33	66.33	57.17	65.92	44.88	56.46	71.46	62.54	51.67	55.79	51.13	59.38	66.25	57.83	55.29	54.79	70.33	51.54	61.71	58.42
25	37.75	73.25	62.63	52.29	47.96	64.38	47.54	66.83	68.75	64.08	69.92	48.42	46.54	56.83	60.38	54.92	60.75	53.50	56.79	63.96	62.21	46.42	52.75	57.54	63.71	63.58	55.08
26	41.75	61.88	66.83	61.00	45.54	53.63	53.33	66.96	63.29	54.79	69.33	49.96	56.96	45.42	63.63	55.42	68.33	44.33	51.25	70.79	66.71	49.21	66.50	51.25	66.83	59.54	56.13
27	52.29	52.29	59.42	66.50	55.96	48.08	56.96	58.04	51.17	49.75	65.67	51.54	63.17	53.63	67.83	67.38	57.33	53.83	46.54	50.08	69.46	57.33	47.50	48.96	69.08	54.04	51.67
28	60.50	41.50	49.83	72.79	63.08	52.46	61.13	55.50	52.38	49.25	64.50	44.71	58.21	55.42	69.83	68.83	57.67	60.92	48.25	48.00	57.88	54.63	39.75	44.58	67.92	64.83	59.92
29	65.08	40.75	45.46	71.46	63.25	58.13	65.63	56.50	55.50	54.50	67.63	40.88	42.25	52.33	63.17	69.04	63.38	65.17	54.00	66.04	48.00	55.71	48.75	46.08	65.00	72.50	65.17
30	70.25	42.92	49.54	58.54	47.38	65.63	63.79	61.50	51.71	49.92	66.63	51.21	41.08	60.33	48.54	70.83	60.04	60.88	57.79	70.46	43.67	58.96	54.79	52.79	65.38	72.58	64.42
12	**55.40**	**54.76**	**48.91**	**55.77**	**49.86**	**53.33**	**51.61**	**58.07**	**51.95**	**48.39**	**56.96**	**49.90**	**48.06**	**50.42**	**51.70**	**57.20**	**57.68**	**56.34**	**53.33**	**44.30**	**56.55**	**55.87**	**58.61**	**56.33**	**64.40**	**59.75**	**55.11**
1	69.96	45.13	57.42	52.08	48.71	65.46	54.00	64.54	39.83	45.83	62.21	45.83	46.38	57.17	49.29	69.00	57.75	51.96	56.71	45.88	44.63	59.79	55.79	59.42	67.04	60.00	66.67
2	70.33	49.92	61.00	60.79	51.13	49.58	54.04	62.13	40.75	50.46	56.83	43.13	51.88	47.67	47.21	54.13	62.63	44.33	63.38	41.13	47.63	60.92	57.83	64.25	67.92	54.42	66.08
3	64.83	42.13	61.04	67.58	54.42	46.25	61.04	62.71	48.04	46.92	57.04	49.63	54.42	49.50	50.67	58.58	66.21	40.88	55.54	44.63	54.67	61.21	61.25	65.75	54.50	58.54	60.71
4	44.71	47.75	65.00	68.29	59.79	50.08	61.58	63.96	52.92	42.17	59.46	60.50	58.46	51.21	68.54	49.63	48.13	51.25	45.13	52.04	62.46	61.75	69.13	65.83	57.04	65.83	64.13
5	41.25	52.75	55.21	66.83	64.83	54.83	44.83	67.00	63.04	39.46	63.50	54.38	53.75	53.63	66.54	41.63	49.92	55.38	45.88	52.75	63.00	61.42	71.46	62.21	60.42	72.04	65.50
6	48.29	50.00	51.75	64.33	65.83	59.38	37.96	68.96	57.58	41.29	63.71	43.96	39.46	62.08	49.83	48.08	51.08	56.04	43.04	38.79	66.13	65.88	69.29	67.17	61.92	71.46	62.08
7	57.63	58.75	45.96	55.92	64.33	65.63	39.83	69.08	45.04	45.75	65.50	42.58	39.63	68.71	51.29	56.00	55.21	45.88	57.75	36.92	58.17	63.63	71.71	59.33	57.92	56.33	46.04
8	66.58	47.25	49.04	60.21	51.75	50.13	44.67	71.25	56.29	53.75	66.00	51.33	43.79	72.50	60.58	37.46	62.75	45.00	64.21	34.54	43.63	60.88	70.00	51.63	54.25	53.00	45.21
9	67.71	49.17	51.92	63.42	51.63	46.46	63.54	65.58	61.29	64.25	67.83	54.00	52.25	69.75	55.67	38.67	65.71	61.58	72.83	36.88	48.13	67.21	71.83	47.79	56.58	46.50	42.08
10	63.83	59.17	57.00	67.71	36.38	49.21	73.04	61.92	61.54	58.13	66.92	52.08	59.08	68.29	50.33	54.38	63.04	65.79	52.13	39.88	51.75	67.58	65.29	44.38	57.63	44.04	38.25
11	55.67	49.79	52.08	49.04	37.46	56.92	55.88	63.21	54.38	59.50	59.92	50.08	46.29	49.17	50.38	60.54	63.63	59.67	44.88	46.00	51.58	61.42	53.79	42.67	60.50	56.46	43.54
12	62.08	43.38	40.17	49.21	43.13	62.67	47.50	65.04	61.00	61.25	64.38	48.04	44.67	45.33	46.13	61.67	64.88	48.75	49.17	51.33	51.92	51.25	52.33	46.25	61.08	64.00	47.50
13	63.04	43.33	48.08	51.04	52.00	63.04	47.42	66.71	66.54	59.13	69.13	56.83	54.33	55.46	44.96	65.08	67.42	43.25	62.21	36.50	57.79	50.29	48.54	47.25	67.83	65.13	45.08
14	66.46	53.46	58.17	51.96	57.04	50.00	44.83	54.00	54.25	68.79	71.46	48.21	54.33	43.29	49.88	61.42	64.21	55.63	68.67	33.04	56.63	50.04	63.04	46.54	69.96	66.17	50.25
15	51.04	58.75	44.71	52.17	61.96	49.75	45.58	51.79	53.33	62.75	70.50	41.50	43.54	36.92	60.54	60.67	66.83	61.13	68.46	35.08	58.54	54.04	54.08	49.13	63.54	57.29	54.38
16	41.92	63.75	43.75	54.42	64.00	51.54	46.79	46.83	49.08	68.96	68.46	45.17	53.21	43.88	47.13	54.83	54.29	64.92	58.38	49.46	58.83	61.58	45.25	59.04	63.17	53.67	51.29
17	40.33	63.58	45.67	59.25	62.29	58.25	43.75	45.46	47.58	46.88	69.58	46.29	45.42	48.08	47.33	57.04	40.96	63.04	54.96	63.17	61.08	66.46	46.88	49.63	74.33	64.50	58.33
18	46.58	55.79	49.79	55.88	68.63	42.83	48.21	41.88	57.00	38.21	57.50	52.83	44.83	48.04	50.75	61.04	42.63	62.29	56.92	54.92	48.58	59.58	48.33	48.96	56.71	72.33	70.71
19	43.75	61.58	49.08	45.58	64.25	34.75	47.21	60.38	58.96	39.33	51.88	63.00	44.46	44.46	52.13	60.00	48.75	61.96	50.79	45.58	50.75	51.33	46.33	51.46	45.58	54.79	69.88

20	48.21	65.83	48.50	51.54	42.83	31.21	48.29	62.25	59.17	29.75	51.50	57.25	37.92	36.17	45.08	60.58	56.25	69.50	41.63	41.42	60.75	56.71	56.92	55.88	49.67	51.42	78.54
21	55.88	65.08	50.50	59.38	38.38	37.21	58.04	64.71	57.00	38.42	46.50	44.08	36.42	42.21	42.50	66.33	60.75	61.63	40.08	47.38	66.92	47.00	69.04	57.04	61.71	52.58	64.67
22	53.25	62.79	41.67	54.00	39.46	45.04	68.83	65.33	54.88	42.88	47.38	51.00	43.83	57.33	39.25	66.58	54.00	41.54	44.29	62.83	70.29	40.04	72.33	59.83	67.08	58.08	60.75
23	58.42	63.42	41.13	56.67	37.67	54.67	65.38	56.75	47.38	41.33	56.04	58.54	52.46	55.50	40.50	65.67	57.92	49.17	50.08	48.67	64.38	44.50	63.71	65.75	72.08	62.25	65.46
24	58.21	60.17	39.00	51.42	33.13	56.58	67.79	61.00	43.08	46.79	51.75	63.42	51.58	36.67	46.79	58.29	46.38	60.17	59.88	41.21	58.25	56.50	47.96	68.29	73.92	62.17	66.92
25	52.67	55.67	43.83	44.33	33.54	48.04	59.58	48.46	40.00	46.92	43.96	49.96	38.83	38.88	59.46	67.42	48.67	64.33	58.75	44.08	63.08	61.54	46.71	52.54	73.33	66.33	49.17
26	56.71	58.13	39.33	49.46	36.92	57.54	52.21	44.75	40.38	47.88	38.08	40.67	40.58	39.63	50.08	48.17	44.42	63.54	45.38	37.46	61.42	56.38	50.00	48.63	72.83	70.00	49.29
27	55.00	53.54	42.96	48.58	38.92	60.71	50.00	45.92	46.46	52.92	37.58	40.92	44.17	41.75	46.96	44.54	55.79	64.42	48.17	34.17	59.54	43.58	55.71	58.21	73.54	67.29	51.46
28	60.54	50.29	47.67	50.71	39.67	64.04	37.79	50.58	43.79	56.00	43.79	40.83	47.58	44.79	57.54	48.46	68.08	64.50	44.79	33.33	45.79	47.13	60.00	66.00	73.96	65.92	46.46
29	57.33	50.71	56.33	53.21	40.67	64.54	42.46	56.21	44.08	41.00	51.17	44.29	57.96	48.33	56.71	63.21	71.21	64.54	40.50	38.79	50.00	54.42	64.88	67.38	73.92	65.71	42.38
30	46.38	55.13	41.33	58.29	46.71	64.46	43.96	46.92	47.92	32.79	45.25	46.46	56.13	50.83	52.08	65.58	70.33	51.42	48.96	47.54	57.83	41.29	54.00	61.42	74.33	46.58	45.00
31	48.75	61.42	37.08	55.46	58.17	62.29	43.79	44.88	57.88	30.50	40.92	60.08	52.08	55.83	66.63	68.42	58.17	52.92	59.79	58.04	58.79	46.54	53.63	56.50	72.21	47.54	48.67
Grand Total	**68.04**	**66.41**	**67.02**	**67.71**	**67.39**	**65.93**	**67.27**	**69.22**	**67.73**	**67.40**	**66.93**	**67.70**	**66.43**	**67.06**	**67.69**	**68.23**	**68.48**	**67.18**	**67.63**	**66.10**	**68.27**	**69.02**	**68.58**	**67.44**	**70.95**	**70.14**	**69.51**

Tallahassee Florida International Airport

2018	2019	2020	Grand Total	Rank	Month	Day of Month	Normal Daily Temperature	NCDD_D_65_Avg	NHDD_D_59_Avg	NCDD_D_75_Avg	NHDD_D_65_Avg	NHDD_D_50_Avg
								Weather Splines for Normal Weather Forecast Scenarios				
48.09	**52.66**	**56.54**	**52.02**									
38.96	72.25	48.96	54.91	2	1.0	1	**54.91**	**0.00**	**4.09**	**0.00**	**10.09**	**0.00**
34.00	67.88	61.88	55.62	1	1.0	2	**55.62**	**0.00**	**3.38**	**0.00**	**9.38**	**0.00**
35.88	66.08	73.54	52.87	10	1.0	3	**52.87**	**0.00**	**6.13**	**0.00**	**12.13**	**0.00**
34.83	64.46	63.92	51.49	18	1.0	4	**51.49**	**0.00**	**7.51**	**0.00**	**13.51**	**0.00**
35.29	51.00	47.29	51.11	22	1.0	5	**51.11**	**0.00**	**7.89**	**0.00**	**13.89**	**0.00**
36.25	51.83	48.83	51.93	15	1.0	6	**51.93**	**0.00**	**7.07**	**0.00**	**13.07**	**0.00**
40.63	52.75	50.71	51.01	24	1.0	7	**51.01**	**0.00**	**7.99**	**0.00**	**13.99**	**0.00**
51.63	56.63	45.33	50.17	29	1.0	8	**50.17**	**0.00**	**8.83**	**0.00**	**14.83**	**0.00**
64.58	55.04	51.17	51.98	14	1.0	9	**51.98**	**0.00**	**7.02**	**0.00**	**13.02**	**0.00**
67.04	46.92	66.29	52.65	11	1.0	10	**52.65**	**0.00**	**6.35**	**0.00**	**12.35**	**0.00**
67.13	45.21	70.96	53.21	6	1.0	11	**53.21**	**0.00**	**5.79**	**0.00**	**11.79**	**0.00**
62.33	58.67	68.00	53.83	3	1.0	12	**53.83**	**0.00**	**5.17**	**0.00**	**11.17**	**0.00**
40.29	62.83	68.79	53.18	7	1.0	13	**53.18**	**0.00**	**5.82**	**0.00**	**11.82**	**0.00**
38.71	48.96	67.92	51.06	23	1.0	14	**51.06**	**0.00**	**7.94**	**0.00**	**13.94**	**0.00**
42.54	44.17	68.79	51.20	21	1.0	15	**51.20**	**0.00**	**7.80**	**0.00**	**13.80**	**0.00**
45.58	42.88	70.29	50.83	27	1.0	16	**50.83**	**0.00**	**8.17**	**0.00**	**14.17**	**0.00**
37.67	48.29	62.42	50.55	28	1.0	17	**50.55**	**0.00**	**8.45**	**0.00**	**14.45**	**0.00**
33.04	59.67	60.71	51.27	19	1.0	18	**51.27**	**0.00**	**7.73**	**0.00**	**13.73**	**0.00**
38.75	64.50	59.00	50.88	26	1.0	19	**50.88**	**0.00**	**8.12**	**0.00**	**14.12**	**0.00**
46.04	46.21	42.96	48.84	31	1.0	20	**48.84**	**0.00**	**10.16**	**0.00**	**16.16**	**1.16**
52.54	42.71	37.25	50.91	25	1.0	21	**50.91**	**0.00**	**8.09**	**0.00**	**14.09**	**0.00**
57.50	52.83	44.29	53.13	9	1.0	22	**53.13**	**0.00**	**5.87**	**0.00**	**11.87**	**0.00**
60.38	64.96	55.88	53.62	4	1.0	23	**53.62**	**0.00**	**5.38**	**0.00**	**11.38**	**0.00**
47.96	54.25	60.08	51.87	16	1.0	24	**51.87**	**0.00**	**7.13**	**0.00**	**13.13**	**0.00**
50.88	44.58	48.67	49.93	30	1.0	25	**49.93**	**0.00**	**9.07**	**0.00**	**15.07**	**0.07**
54.92	44.83	49.25	51.70	17	1.0	26	**51.70**	**0.00**	**7.30**	**0.00**	**13.30**	**0.00**
63.33	47.88	54.04	53.43	5	1.0	27	**53.43**	**0.00**	**5.57**	**0.00**	**11.57**	**0.00**
63.04	46.04	51.63	52.59	12	1.0	28	**52.59**	**0.00**	**6.41**	**0.00**	**12.41**	**0.00**
60.00	44.54	46.25	52.45	13	1.0	29	**52.45**	**0.00**	**6.55**	**0.00**	**12.55**	**0.00**
45.50	39.08	55.29	53.13	8	1.0	30	**53.13**	**0.00**	**5.87**	**0.00**	**11.87**	**0.00**
43.63	44.38	52.33	51.25	20	1.0	31	**51.25**	**0.00**	**7.75**	**0.00**	**13.75**	**0.00**
64.30	**62.54**	**57.50**	**55.55**									
50.92	52.46	47.96	52.81	25	2.0	1	**52.81**	**0.00**	**6.19**	**0.00**	**12.19**	**0.00**
55.00	60.58	48.96	54.13	18	2.0	2	**54.13**	**0.00**	**4.87**	**0.00**	**10.87**	**0.00**
50.50	60.38	53.42	53.59	19	2.0	3	**53.59**	**0.00**	**5.41**	**0.00**	**11.41**	**0.00**
60.79	58.83	58.75	53.38	20	2.0	4	**53.38**	**0.00**	**5.62**	**0.00**	**11.62**	**0.00**

Average Daily Temperature for each day of month

Daily Rank of Temperature For Each Month

54.46	61.33	64.29	53.30	21	2.0	5	**53.30**	**0.00**	**5.70**	**0.00**	**11.70**	**0.00**
58.33	62.88	70.08	53.23	22	2.0	6	**53.23**	**0.00**	**5.77**	**0.00**	**11.77**	**0.00**
63.71	63.92	49.00	52.93	24	2.0	7	**52.93**	**0.00**	**6.07**	**0.00**	**12.07**	**0.00**
61.71	61.50	47.46	52.43	28	2.0	8	**52.43**	**0.00**	**6.57**	**0.00**	**12.57**	**0.00**
59.63	58.17	55.79	53.02	23	2.0	9	**53.02**	**0.00**	**5.98**	**0.00**	**11.98**	**0.00**
64.00	59.75	62.33	54.43	16	2.0	10	**54.43**	**0.00**	**4.57**	**0.00**	**10.57**	**0.00**
66.38	64.00	68.29	55.97	12	2.0	11	**55.97**	**0.00**	**3.03**	**0.00**	**9.03**	**0.00**
64.46	65.50	68.25	54.42	17	2.0	12	**54.42**	**0.00**	**4.58**	**0.00**	**10.58**	**0.00**
65.17	53.33	70.17	52.47	27	2.0	13	**52.47**	**0.00**	**6.53**	**0.00**	**12.53**	**0.00**
63.54	47.46	54.21	52.70	26	2.0	14	**52.70**	**0.00**	**6.30**	**0.00**	**12.30**	**0.00**
65.75	54.13	53.08	55.16	15	2.0	15	**55.16**	**0.00**	**3.84**	**0.00**	**9.84**	**0.00**
69.54	67.21	54.79	56.07	11	2.0	16	**56.07**	**0.00**	**2.93**	**0.00**	**8.93**	**0.00**
70.58	68.92	61.08	55.36	14	2.0	17	**55.36**	**0.00**	**3.64**	**0.00**	**9.64**	**0.00**
70.00	65.67	67.33	56.20	10	2.0	18	**56.20**	**0.00**	**2.80**	**0.00**	**8.80**	**0.00**
69.04	64.71	73.13	56.94	9	2.0	19	**56.94**	**0.00**	**2.06**	**0.00**	**8.06**	**0.00**
70.42	64.54	61.92	57.16	7	2.0	20	**57.16**	**0.00**	**1.84**	**0.00**	**7.84**	**0.00**
71.58	73.17	47.21	59.78	3	2.0	21	**59.78**	**0.00**	**0.00**	**0.00**	**5.22**	**0.00**
70.21	70.29	45.13	60.69	2	2.0	22	**60.69**	**0.00**	**0.00**	**0.00**	**4.31**	**0.00**
70.33	73.33	51.29	60.70	1	2.0	23	**60.70**	**0.00**	**0.00**	**0.00**	**4.30**	**0.00**
68.46	70.75	60.63	59.45	4	2.0	24	**59.45**	**0.00**	**0.00**	**0.00**	**5.55**	**0.00**
67.92	60.13	67.42	58.51	5	2.0	25	**58.51**	**0.00**	**0.49**	**0.00**	**6.49**	**0.00**
67.50	62.58	61.88	57.77	6	2.0	26	**57.77**	**0.00**	**1.23**	**0.00**	**7.23**	**0.00**
64.08	63.67	46.79	55.71	13	2.0	27	**55.71**	**0.00**	**3.29**	**0.00**	**9.29**	**0.00**
66.25	62.04	45.63	57.09	8	2.0	28	**57.09**	**0.00**	**1.91**	**0.00**	**7.91**	**0.00**
		51.25	56.11									
59.31	**60.80**	**68.63**	**61.45**									
73.50	64.42	50.63	59.29	23	3.0	1	**59.29**	**0.00**	**0.00**	**0.00**	**5.72**	**0.00**
65.17	67.54	60.13	60.06	21	3.0	2	**60.06**	**0.00**	**0.00**	**0.00**	**4.94**	**0.00**
57.25	71.08	70.46	59.26	24	3.0	3	**59.26**	**0.00**	**0.00**	**0.00**	**5.74**	**0.00**
54.29	52.92	73.00	56.04	31	3.0	4	**56.04**	**0.00**	**2.96**	**0.00**	**8.96**	**0.00**
55.17	46.25	68.17	57.08	30	3.0	5	**57.08**	**0.00**	**1.92**	**0.00**	**7.92**	**0.00**
59.50	43.96	59.58	58.26	28	3.0	6	**58.26**	**0.00**	**0.74**	**0.00**	**6.74**	**0.00**
54.67	48.38	52.58	58.45	27	3.0	7	**58.45**	**0.00**	**0.55**	**0.00**	**6.55**	**0.00**
46.71	56.17	53.96	57.89	29	3.0	8	**57.89**	**0.00**	**1.11**	**0.00**	**7.11**	**0.00**
48.33	64.71	62.75	58.72	26	3.0	9	**58.72**	**0.00**	**0.28**	**0.00**	**6.28**	**0.00**
51.17	67.54	65.50	59.63	22	3.0	10	**59.63**	**0.00**	**0.00**	**0.00**	**5.37**	**0.00**
59.13	70.71	64.88	59.17	25	3.0	11	**59.17**	**0.00**	**0.00**	**0.00**	**5.83**	**0.00**
55.75	68.21	66.42	60.08	20	3.0	12	**60.08**	**0.00**	**0.00**	**0.00**	**4.92**	**0.00**
48.88	67.08	68.42	60.54	19	3.0	13	**60.54**	**0.00**	**0.00**	**0.00**	**4.46**	**0.00**
49.13	68.92	70.08	61.06	18	3.0	14	**61.06**	**0.00**	**0.00**	**0.00**	**3.94**	**0.00**
49.00	70.17	70.58	61.42	17	3.0	15	**61.42**	**0.00**	**0.00**	**0.00**	**3.58**	**0.00**
56.13	59.33	71.54	62.59	14	3.0	16	**62.59**	**0.00**	**0.00**	**0.00**	**2.41**	**0.00**
65.42	55.79	70.67	61.95	16	3.0	17	**61.95**	**0.00**	**0.00**	**0.00**	**3.05**	**0.00**
70.17	55.42	73.29	62.85	11	3.0	18	**62.85**	**0.00**	**0.00**	**0.00**	**2.15**	**0.00**
67.25	58.38	71.08	64.20	6	3.0	19	**64.20**	**0.00**	**0.00**	**0.00**	**0.80**	**0.00**
72.71	57.42	71.67	63.24	10	3.0	20	**63.24**	**0.00**	**0.00**	**0.00**	**1.76**	**0.00**
57.75	53.71	72.83	62.70	12	3.0	21	**62.70**	**0.00**	**0.00**	**0.00**	**2.30**	**0.00**

53.04	55.88	73.79	62.35	15	3.0	22	**62.35**	**0.00**	**0.00**	**0.00**	**2.65**	**0.00**
54.63	57.00	70.83	62.60	13	3.0	23	**62.60**	**0.00**	**0.00**	**0.00**	**2.40**	**0.00**
59.92	60.54	72.88	64.20	7	3.0	24	**64.20**	**0.00**	**0.00**	**0.00**	**0.80**	**0.00**
69.04	65.04	77.13	64.04	8	3.0	25	**64.04**	**0.00**	**0.00**	**0.00**	**0.96**	**0.00**
58.63	65.38	75.38	63.61	9	3.0	26	**63.61**	**0.00**	**0.00**	**0.00**	**1.39**	**0.00**
64.33	60.46	72.92	64.44	5	3.0	27	**64.44**	**0.00**	**0.00**	**0.00**	**0.56**	**0.00**
65.88	62.25	74.54	64.67	4	3.0	28	**64.67**	**0.00**	**0.00**	**0.00**	**0.33**	**0.00**
66.50	61.42	75.88	65.01	1	3.0	29	**65.01**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**
66.08	65.83	74.50	64.85	2	3.0	30	**64.85**	**0.00**	**0.00**	**0.00**	**0.15**	**0.00**
63.50	63.00	71.50	64.67	3	3.0	31	**64.67**	**0.00**	**0.00**	**0.00**	**0.33**	**0.00**
66.33	**67.43**	**69.46**	**67.53**									
63.33	52.33	60.67	63.96	29	4.0	1	**63.96**	**0.00**	**0.00**	**0.00**	**1.04**	**0.00**
66.54	57.38	60.00	63.84	30	4.0	2	**63.84**	**0.00**	**0.00**	**0.00**	**1.16**	**0.00**
70.13	58.63	62.79	64.99	28	4.0	3	**64.99**	**0.00**	**0.00**	**0.00**	**0.01**	**0.00**
67.17	65.67	68.00	66.87	19	4.0	4	**66.87**	**1.87**	**0.00**	**0.00**	**0.00**	**0.00**
59.58	66.04	69.38	65.43	27	4.0	5	**65.43**	**0.43**	**0.00**	**0.00**	**0.00**	**0.00**
64.17	73.54	69.63	65.49	26	4.0	6	**65.49**	**0.49**	**0.00**	**0.00**	**0.00**	**0.00**
67.08	72.71	71.21	65.56	25	4.0	7	**65.56**	**0.56**	**0.00**	**0.00**	**0.00**	**0.00**
61.58	70.25	77.13	66.37	22	4.0	8	**66.37**	**1.37**	**0.00**	**0.00**	**0.00**	**0.00**
66.88	72.13	82.08	67.22	16	4.0	9	**67.22**	**2.22**	**0.00**	**0.00**	**0.00**	**0.00**
61.54	71.83	68.50	66.32	23	4.0	10	**66.32**	**1.32**	**0.00**	**0.00**	**0.00**	**0.00**
61.58	72.33	60.96	67.21	17	4.0	11	**67.21**	**2.21**	**0.00**	**0.00**	**0.00**	**0.00**
62.63	72.21	70.38	68.47	12	4.0	12	**68.47**	**3.47**	**0.00**	**0.00**	**0.00**	**0.00**
66.21	73.04	79.33	68.57	10	4.0	13	**68.57**	**3.57**	**0.00**	**0.00**	**0.00**	**0.00**
70.75	73.25	72.46	67.36	15	4.0	14	**67.36**	**2.36**	**0.00**	**0.00**	**0.00**	**0.00**
66.17	62.21	64.54	66.78	20	4.0	15	**66.78**	**1.78**	**0.00**	**0.00**	**0.00**	**0.00**
56.04	62.67	64.75	65.92	24	4.0	16	**65.92**	**0.92**	**0.00**	**0.00**	**0.00**	**0.00**
58.88	67.21	66.88	66.63	21	4.0	17	**66.63**	**1.63**	**0.00**	**0.00**	**0.00**	**0.00**
66.88	71.08	73.21	67.03	18	4.0	18	**67.03**	**2.03**	**0.00**	**0.00**	**0.00**	**0.00**
73.08	70.33	76.00	67.99	14	4.0	19	**67.99**	**2.99**	**0.00**	**0.00**	**0.00**	**0.00**
66.92	59.38	72.38	68.27	13	4.0	20	**68.27**	**3.27**	**0.00**	**0.00**	**0.00**	**0.00**
69.88	60.29	70.08	68.82	8	4.0	21	**68.82**	**3.82**	**0.00**	**0.00**	**0.00**	**0.00**
72.17	64.79	69.58	68.55	11	4.0	22	**68.55**	**3.55**	**0.00**	**0.00**	**0.00**	**0.00**
73.58	68.96	69.63	68.84	7	4.0	23	**68.84**	**3.84**	**0.00**	**0.00**	**0.00**	**0.00**
66.25	68.58	72.21	68.75	9	4.0	24	**68.75**	**3.75**	**0.00**	**0.00**	**0.00**	**0.00**
67.92	67.58	72.17	69.66	6	4.0	25	**69.66**	**4.66**	**0.00**	**0.00**	**0.00**	**0.00**
67.71	69.00	71.67	70.39	1	4.0	26	**70.39**	**5.39**	**0.00**	**0.00**	**0.00**	**0.00**
66.92	66.00	64.50	70.25	3	4.0	27	**70.25**	**5.25**	**0.00**	**0.00**	**0.00**	**0.00**
66.67	65.75	65.04	69.93	5	4.0	28	**69.93**	**4.93**	**0.00**	**0.00**	**0.00**	**0.00**
70.50	72.42	69.08	70.33	2	4.0	29	**70.33**	**5.33**	**0.00**	**0.00**	**0.00**	**0.00**
71.21	75.21	69.46	70.21	4	4.0	30	**70.21**	**5.21**	**0.00**	**0.00**	**0.00**	**0.00**
76.24	**78.33**	**74.52**	**75.13**									
71.75	77.67	65.13	71.00	31	5.0	1	**71.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**
72.46	75.50	69.38	71.67	30	5.0	2	**71.67**	**6.67**	**0.00**	**0.00**	**0.00**	**0.00**
72.75	76.54	69.71	72.21	27	5.0	3	**72.21**	**7.21**	**0.00**	**0.00**	**0.00**	**0.00**
74.29	74.92	72.29	72.35	25	5.0	4	**72.35**	**7.35**	**0.00**	**0.00**	**0.00**	**0.00**
74.54	75.38	75.96	71.92	29	5.0	5	**71.92**	**6.92**	**0.00**	**0.00**	**0.00**	**0.00**

78.00	75.75	74.88	72.24	26	5.0	6	**72.24**	**7.24**	**0.00**	**0.00**	**0.00**	**0.00**	
74.92	76.17	63.67	71.93	28	5.0	7	**71.93**	**6.93**	**0.00**	**0.00**	**0.00**	**0.00**	
73.71	77.96	64.04	73.76	24	5.0	8	**73.76**	**8.76**	**0.00**	**0.00**	**0.00**	**0.00**	
74.75	78.08	69.54	74.50	22	5.0	9	**74.50**	**9.50**	**0.00**	**0.00**	**0.00**	**0.00**	
77.79	75.58	70.88	74.85	18	5.0	10	**74.85**	**9.85**	**0.00**	**0.00**	**0.00**	**0.00**	
78.67	78.13	70.92	75.07	15	5.0	11	**75.07**	**10.07**	**0.00**	**0.07**	**0.00**	**0.00**	
82.17	73.96	70.04	74.55	21	5.0	12	**74.55**	**9.55**	**0.00**	**0.00**	**0.00**	**0.00**	
80.04	74.58	73.92	75.31	13	5.0	13	**75.31**	**10.31**	**0.00**	**0.31**	**0.00**	**0.00**	
73.96	72.83	76.21	74.59	19	5.0	14	**74.59**	**9.59**	**0.00**	**0.00**	**0.00**	**0.00**	
74.42	71.17	77.25	74.05	23	5.0	15	**74.05**	**9.05**	**0.00**	**0.00**	**0.00**	**0.00**	
73.79	74.13	79.58	74.57	20	5.0	16	**74.57**	**9.57**	**0.00**	**0.00**	**0.00**	**0.00**	
74.38	75.13	80.08	75.54	12	5.0	17	**75.54**	**10.54**	**0.00**	**0.54**	**0.00**	**0.00**	
75.88	78.08	76.75	75.00	17	5.0	18	**75.00**	**10.00**	**0.00**	**0.00**	**0.00**	**0.00**	
79.04	79.08	78.92	75.27	14	5.0	19	**75.27**	**10.27**	**0.00**	**0.27**	**0.00**	**0.00**	
75.21	78.13	71.63	75.03	16	5.0	20	**75.03**	**10.03**	**0.00**	**0.03**	**0.00**	**0.00**	
76.29	79.00	76.79	75.73	11	5.0	21	**75.73**	**10.73**	**0.00**	**0.73**	**0.00**	**0.00**	
76.21	80.71	80.71	76.18	10	5.0	22	**76.18**	**11.18**	**0.00**	**1.18**	**0.00**	**0.00**	
76.54	82.75	77.21	76.93	9	5.0	23	**76.93**	**11.93**	**0.00**	**1.93**	**0.00**	**0.00**	
77.50	82.21	79.38	78.35	3	5.0	24	**78.35**	**13.35**	**0.00**	**3.35**	**0.00**	**0.00**	
79.75	82.67	77.63	77.92	6	5.0	25	**77.92**	**12.92**	**0.00**	**2.92**	**0.00**	**0.00**	
76.83	84.13	74.50	77.17	8	5.0	26	**77.17**	**12.17**	**0.00**	**2.17**	**0.00**	**0.00**	
75.13	84.50	76.58	77.67	7	5.0	27	**77.67**	**12.67**	**0.00**	**2.67**	**0.00**	**0.00**	
77.46	85.63	78.92	78.18	5	5.0	28	**78.18**	**13.18**	**0.00**	**3.18**	**0.00**	**0.00**	
77.67	84.63	76.88	78.25	4	5.0	29	**78.25**	**13.25**	**0.00**	**3.25**	**0.00**	**0.00**	
78.46	81.21	78.42	78.65	2	5.0	30	**78.65**	**13.65**	**0.00**	**3.65**	**0.00**	**0.00**	
79.17	81.92	82.17	78.73	1	5.0	31	**78.73**	**13.73**	**0.00**	**3.73**	**0.00**	**0.00**	
80.55	**80.98**	**79.52**	**79.66**										
80.33	80.63	79.79	78.30	29	6.0	1	**78.30**	**13.30**	**0.00**	**3.30**	**0.00**	**0.00**	
78.63	81.88	80.33	78.55	27	6.0	2	**78.55**	**13.55**	**0.00**	**3.55**	**0.00**	**0.00**	
84.04	83.92	77.54	78.77	24	6.0	3	**78.77**	**13.77**	**0.00**	**3.77**	**0.00**	**0.00**	
83.71	85.42	79.54	80.10	7	6.0	4	**80.10**	**15.10**	**0.00**	**5.10**	**0.00**	**0.00**	
76.21	84.04	78.13	78.61	26	6.0	5	**78.61**	**13.61**	**0.00**	**3.61**	**0.00**	**0.00**	
75.79	78.33	75.25	78.29	30	6.0	6	**78.29**	**13.29**	**0.00**	**3.29**	**0.00**	**0.00**	
79.67	78.63	75.63	78.32	28	6.0	7	**78.32**	**13.32**	**0.00**	**3.32**	**0.00**	**0.00**	
77.08	76.71	82.79	78.64	25	6.0	8	**78.64**	**13.64**	**0.00**	**3.64**	**0.00**	**0.00**	
76.63	78.42	78.00	79.28	23	6.0	9	**79.28**	**14.28**	**0.00**	**4.28**	**0.00**	**0.00**	
75.58	79.50	79.71	79.55	21	6.0	10	**79.55**	**14.55**	**0.00**	**4.55**	**0.00**	**0.00**	
76.29	78.00	80.21	79.37	22	6.0	11	**79.37**	**14.37**	**0.00**	**4.37**	**0.00**	**0.00**	
79.13	78.33	80.29	79.91	16	6.0	12	**79.91**	**14.91**	**0.00**	**4.91**	**0.00**	**0.00**	
77.63	78.17	78.63	79.97	15	6.0	13	**79.97**	**14.97**	**0.00**	**4.97**	**0.00**	**0.00**	
75.13	79.21	80.25	79.90	17	6.0	14	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	
77.29	81.00	78.17	80.01	12	6.0	15	**80.01**	**15.01**	**0.00**	**5.01**	**0.00**	**0.00**	
77.88	81.63	75.08	80.04	10	6.0	16	**80.04**	**15.04**	**0.00**	**5.04**	**0.00**	**0.00**	
82.13	78.63	74.79	80.26	5	6.0	17	**80.26**	**15.26**	**0.00**	**5.26**	**0.00**	**0.00**	
83.88	77.96	77.67	79.90	18	6.0	18	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	
86.17	78.50	81.29	80.15	6	6.0	19	**80.15**	**15.15**	**0.00**	**5.15**	**0.00**	**0.00**	
87.38	83.17	81.38	80.39	4	6.0	20	**80.39**	**15.39**	**0.00**	**5.39**	**0.00**	**0.00**	

86.42	85.96	81.42	80.89	1	6.0	21	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
82.00	82.17	79.29	80.47	3	6.0	22	**80.47**	**15.47**	**0.00**	**5.47**	**0.00**	**0.00**
84.04	82.29	76.38	80.04	11	6.0	23	**80.04**	**15.04**	**0.00**	**5.04**	**0.00**	**0.00**
83.58	84.63	79.71	80.47	2	6.0	24	**80.47**	**15.47**	**0.00**	**5.47**	**0.00**	**0.00**
83.21	85.46	80.92	80.08	8	6.0	25	**80.08**	**15.08**	**0.00**	**5.08**	**0.00**	**0.00**
81.25	84.50	82.13	79.78	20	6.0	26	**79.78**	**14.78**	**0.00**	**4.78**	**0.00**	**0.00**
81.67	80.38	82.42	79.97	14	6.0	27	**79.97**	**14.97**	**0.00**	**4.97**	**0.00**	**0.00**
81.71	82.38	83.17	79.98	13	6.0	28	**79.98**	**14.98**	**0.00**	**4.98**	**0.00**	**0.00**
81.54	78.38	82.63	79.86	19	6.0	29	**79.86**	**14.86**	**0.00**	**4.86**	**0.00**	**0.00**
80.50	81.04	82.92	80.06	9	6.0	30	**80.06**	**15.06**	**0.00**	**5.06**	**0.00**	**0.00**
80.79	**81.43**	**81.52**	**81.04**									
76.96	84.71	78.29	80.54	26	7.0	1	**80.54**	**15.54**	**0.00**	**5.54**	**0.00**	**0.00**
80.17	85.25	82.79	81.29	8	7.0	2	**81.29**	**16.29**	**0.00**	**6.29**	**0.00**	**0.00**
83.71	84.96	80.08	81.21	9	7.0	3	**81.21**	**16.21**	**0.00**	**6.21**	**0.00**	**0.00**
80.29	84.92	77.50	80.55	25	7.0	4	**80.55**	**15.55**	**0.00**	**5.55**	**0.00**	**0.00**
81.58	81.25	78.38	80.89	23	7.0	5	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
80.33	77.50	78.58	80.45	30	7.0	6	**80.45**	**15.45**	**0.00**	**5.45**	**0.00**	**0.00**
78.63	80.00	77.88	80.72	24	7.0	7	**80.72**	**15.72**	**0.00**	**5.72**	**0.00**	**0.00**
78.67	80.17	81.04	81.01	18	7.0	8	**81.01**	**16.01**	**0.00**	**6.01**	**0.00**	**0.00**
80.13	80.21	82.42	80.91	21	7.0	9	**80.91**	**15.91**	**0.00**	**5.91**	**0.00**	**0.00**
83.54	81.00	83.75	81.08	15	7.0	10	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**
83.79	80.58	85.13	81.74	3	7.0	11	**81.74**	**16.74**	**0.00**	**6.74**	**0.00**	**0.00**
82.71	77.92	82.92	81.76	2	7.0	12	**81.76**	**16.76**	**0.00**	**6.76**	**0.00**	**0.00**
84.13	81.46	83.63	80.92	19	7.0	13	**80.92**	**15.92**	**0.00**	**5.92**	**0.00**	**0.00**
80.58	83.79	83.13	80.89	22	7.0	14	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
81.42	84.21	82.79	81.16	11	7.0	15	**81.16**	**16.16**	**0.00**	**6.16**	**0.00**	**0.00**
80.08	84.42	84.00	81.07	16	7.0	16	**81.07**	**16.07**	**0.00**	**6.07**	**0.00**	**0.00**
80.58	83.29	85.00	81.13	13	7.0	17	**81.13**	**16.13**	**0.00**	**6.13**	**0.00**	**0.00**
80.83	83.38	85.63	81.48	6	7.0	18	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**
78.96	79.29	85.29	81.31	7	7.0	19	**81.31**	**16.31**	**0.00**	**6.31**	**0.00**	**0.00**
79.75	79.29	85.46	81.48	5	7.0	20	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**
79.25	80.75	79.83	81.09	14	7.0	21	**81.09**	**16.09**	**0.00**	**6.09**	**0.00**	**0.00**
83.58	79.25	78.71	80.92	20	7.0	22	**80.92**	**15.92**	**0.00**	**5.92**	**0.00**	**0.00**
82.21	77.88	78.42	80.45	29	7.0	23	**80.45**	**15.45**	**0.00**	**5.45**	**0.00**	**0.00**
78.58	78.88	81.04	80.49	28	7.0	24	**80.49**	**15.49**	**0.00**	**5.49**	**0.00**	**0.00**
80.92	79.83	82.75	80.40	31	7.0	25	**80.40**	**15.40**	**0.00**	**5.40**	**0.00**	**0.00**
82.75	81.17	82.08	81.20	10	7.0	26	**81.20**	**16.20**	**0.00**	**6.20**	**0.00**	**0.00**
79.38	81.33	80.50	81.56	4	7.0	27	**81.56**	**16.56**	**0.00**	**6.56**	**0.00**	**0.00**
81.67	82.46	77.17	81.80	1	7.0	28	**81.80**	**16.80**	**0.00**	**6.80**	**0.00**	**0.00**
80.63	81.17	79.29	81.13	12	7.0	29	**81.13**	**16.13**	**0.00**	**6.13**	**0.00**	**0.00**
80.21	81.33	82.50	81.03	17	7.0	30	**81.03**	**16.03**	**0.00**	**6.03**	**0.00**	**0.00**
78.46	82.71	81.21	80.50	27	7.0	31	**80.50**	**15.50**	**0.00**	**5.50**	**0.00**	**0.00**
79.81	**81.66**	**80.97**	**80.85**									
75.63	80.92	82.83	80.09	31	8.0	1	**80.09**	**15.09**	**0.00**	**5.09**	**0.00**	**0.00**
74.42	79.04	84.79	80.51	27	8.0	2	**80.51**	**15.51**	**0.00**	**5.51**	**0.00**	**0.00**
78.75	79.71	85.21	80.73	20	8.0	3	**80.73**	**15.73**	**0.00**	**5.73**	**0.00**	**0.00**
80.58	81.75	82.75	80.60	25	8.0	4	**80.60**	**15.60**	**0.00**	**5.60**	**0.00**	**0.00**

83.50	79.46	82.96	81.04	8	8.0	5	**81.04**	**16.04**	**0.00**	**6.04**	**0.00**	**0.00**
80.54	80.38	82.50	81.64	1	8.0	6	**81.64**	**16.64**	**0.00**	**6.64**	**0.00**	**0.00**
81.58	82.79	80.88	80.97	11	8.0	7	**80.97**	**15.97**	**0.00**	**5.97**	**0.00**	**0.00**
82.50	82.96	81.71	80.93	14	8.0	8	**80.93**	**15.93**	**0.00**	**5.93**	**0.00**	**0.00**
79.67	84.33	83.46	80.89	16	8.0	9	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**
80.63	83.92	80.88	80.88	17	8.0	10	**80.88**	**15.88**	**0.00**	**5.88**	**0.00**	**0.00**
81.29	84.79	76.71	80.96	12	8.0	11	**80.96**	**15.96**	**0.00**	**5.96**	**0.00**	**0.00**
82.92	83.79	79.83	80.86	18	8.0	12	**80.86**	**15.86**	**0.00**	**5.86**	**0.00**	**0.00**
80.54	83.96	81.71	80.76	19	8.0	13	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**
79.42	83.75	80.50	80.50	28	8.0	14	**80.50**	**15.50**	**0.00**	**5.50**	**0.00**	**0.00**
79.08	82.17	82.25	80.93	13	8.0	15	**80.93**	**15.93**	**0.00**	**5.93**	**0.00**	**0.00**
79.92	81.54	84.29	80.99	10	8.0	16	**80.99**	**15.99**	**0.00**	**5.99**	**0.00**	**0.00**
79.88	79.58	82.58	81.16	7	8.0	17	**81.16**	**16.16**	**0.00**	**6.16**	**0.00**	**0.00**
80.17	78.21	79.33	81.19	5	8.0	18	**81.19**	**16.19**	**0.00**	**6.19**	**0.00**	**0.00**
79.21	79.33	76.96	80.90	15	8.0	19	**80.90**	**15.90**	**0.00**	**5.90**	**0.00**	**0.00**
79.17	81.54	76.00	80.56	26	8.0	20	**80.56**	**15.56**	**0.00**	**5.56**	**0.00**	**0.00**
79.08	81.71	77.96	80.62	24	8.0	21	**80.62**	**15.62**	**0.00**	**5.62**	**0.00**	**0.00**
82.75	82.33	74.29	80.46	29	8.0	22	**80.46**	**15.46**	**0.00**	**5.46**	**0.00**	**0.00**
80.50	83.63	76.21	80.66	22	8.0	23	**80.66**	**15.66**	**0.00**	**5.66**	**0.00**	**0.00**
81.00	84.63	81.67	81.41	2	8.0	24	**81.41**	**16.41**	**0.00**	**6.41**	**0.00**	**0.00**
81.13	80.92	84.17	81.33	3	8.0	25	**81.33**	**16.33**	**0.00**	**6.33**	**0.00**	**0.00**
82.04	78.46	84.88	81.17	6	8.0	26	**81.17**	**16.17**	**0.00**	**6.17**	**0.00**	**0.00**
80.25	77.17	83.75	81.01	9	8.0	27	**81.01**	**16.01**	**0.00**	**6.01**	**0.00**	**0.00**
79.63	81.04	81.46	81.24	4	8.0	28	**81.24**	**16.24**	**0.00**	**6.24**	**0.00**	**0.00**
75.63	83.75	78.58	80.69	21	8.0	29	**80.69**	**15.69**	**0.00**	**5.69**	**0.00**	**0.00**
75.33	81.46	78.25	80.65	23	8.0	30	**80.65**	**15.65**	**0.00**	**5.65**	**0.00**	**0.00**
77.25	82.46	80.67	80.12	30	8.0	31	**80.12**	**15.12**	**0.00**	**5.12**	**0.00**	**0.00**
80.82	**82.50**	**77.85**	**78.14**									
80.29	82.71	79.96	79.97	2	9.0	1	**79.97**	**14.97**	**0.00**	**4.97**	**0.00**	**0.00**
81.08	82.54	82.96	79.96	3	9.0	2	**79.96**	**14.96**	**0.00**	**4.96**	**0.00**	**0.00**
78.83	83.33	83.88	80.14	1	9.0	3	**80.14**	**15.14**	**0.00**	**5.14**	**0.00**	**0.00**
77.38	84.63	85.33	79.83	4	9.0	4	**79.83**	**14.83**	**0.00**	**4.83**	**0.00**	**0.00**
81.00	86.00	85.67	79.79	5	9.0	5	**79.79**	**14.79**	**0.00**	**4.79**	**0.00**	**0.00**
81.92	82.00	84.04	79.12	9	9.0	6	**79.12**	**14.12**	**0.00**	**4.12**	**0.00**	**0.00**
81.75	81.96	82.29	78.64	15	9.0	7	**78.64**	**13.64**	**0.00**	**3.64**	**0.00**	**0.00**
79.88	84.79	81.33	79.23	7	9.0	8	**79.23**	**14.23**	**0.00**	**4.23**	**0.00**	**0.00**
80.00	84.29	81.96	79.08	11	9.0	9	**79.08**	**14.08**	**0.00**	**4.08**	**0.00**	**0.00**
78.83	82.38	80.83	78.61	17	9.0	10	**78.61**	**13.61**	**0.00**	**3.61**	**0.00**	**0.00**
81.21	83.83	79.75	79.05	12	9.0	11	**79.05**	**14.05**	**0.00**	**4.05**	**0.00**	**0.00**
80.63	83.21	80.63	79.01	13	9.0	12	**79.01**	**14.01**	**0.00**	**4.01**	**0.00**	**0.00**
82.58	82.75	79.33	79.10	10	9.0	13	**79.10**	**14.10**	**0.00**	**4.10**	**0.00**	**0.00**
83.83	83.00	78.38	78.82	14	9.0	14	**78.82**	**13.82**	**0.00**	**3.82**	**0.00**	**0.00**
85.04	83.67	76.71	79.63	6	9.0	15	**79.63**	**14.63**	**0.00**	**4.63**	**0.00**	**0.00**
84.13	82.83	77.42	79.12	8	9.0	16	**79.12**	**14.12**	**0.00**	**4.12**	**0.00**	**0.00**
79.50	84.46	77.71	78.61	16	9.0	17	**78.61**	**13.61**	**0.00**	**3.61**	**0.00**	**0.00**
79.71	83.13	78.79	78.32	18	9.0	18	**78.32**	**13.32**	**0.00**	**3.32**	**0.00**	**0.00**
80.04	79.63	74.42	77.92	19	9.0	19	**77.92**	**12.92**	**0.00**	**2.92**	**0.00**	**0.00**

82.54	78.58	68.96	77.53	21	9.0	20	**77.53**	**12.53**	**0.00**	**2.53**	**0.00**	**0.00**
82.96	79.50	70.96	77.37	23	9.0	21	**77.37**	**12.37**	**0.00**	**2.37**	**0.00**	**0.00**
82.17	78.04	72.21	77.51	22	9.0	22	**77.51**	**12.51**	**0.00**	**2.51**	**0.00**	**0.00**
79.79	78.46	74.83	77.89	20	9.0	23	**77.89**	**12.89**	**0.00**	**2.89**	**0.00**	**0.00**
81.17	81.21	74.58	76.86	24	9.0	24	**76.86**	**11.86**	**0.00**	**1.86**	**0.00**	**0.00**
79.21	84.25	77.58	76.31	25	9.0	25	**76.31**	**11.31**	**0.00**	**1.31**	**0.00**	**0.00**
80.17	84.63	78.21	75.81	27	9.0	26	**75.81**	**10.81**	**0.00**	**0.81**	**0.00**	**0.00**
80.21	82.63	73.17	75.48	28	9.0	27	**75.48**	**10.48**	**0.00**	**0.48**	**0.00**	**0.00**
78.29	82.33	78.46	75.98	26	9.0	28	**75.98**	**10.98**	**0.00**	**0.98**	**0.00**	**0.00**
79.75	81.17	70.75	75.46	29	9.0	29	**75.46**	**10.46**	**0.00**	**0.46**	**0.00**	**0.00**
80.67	83.04	64.29	74.04	30	9.0	30	**74.04**	**9.04**	**0.00**	**0.00**	**0.00**	**0.00**
73.28	**74.75**	**73.70**	**69.79**									
80.38	81.50	67.54	73.49	7	10.0	1	**73.49**	**8.48**	**0.00**	**0.00**	**0.00**	**0.00**
80.25	80.96	66.42	73.22	9	10.0	2	**73.22**	**8.22**	**0.00**	**0.00**	**0.00**	**0.00**
80.13	81.17	64.38	73.79	3	10.0	3	**73.79**	**8.79**	**0.00**	**0.00**	**0.00**	**0.00**
78.63	81.21	68.04	73.66	4	10.0	4	**73.66**	**8.66**	**0.00**	**0.00**	**0.00**	**0.00**
77.96	81.38	69.38	73.64	5	10.0	5	**73.64**	**8.64**	**0.00**	**0.00**	**0.00**	**0.00**
77.38	80.75	76.00	73.99	1	10.0	6	**73.99**	**8.99**	**0.00**	**0.00**	**0.00**	**0.00**
78.92	78.00	78.50	73.96	2	10.0	7	**73.96**	**8.96**	**0.00**	**0.00**	**0.00**	**0.00**
79.25	79.79	78.71	73.60	6	10.0	8	**73.60**	**8.60**	**0.00**	**0.00**	**0.00**	**0.00**
79.67	77.92	79.88	73.26	8	10.0	9	**73.26**	**8.26**	**0.00**	**0.00**	**0.00**	**0.00**
79.29	76.50	79.13	72.55	10	10.0	10	**72.55**	**7.55**	**0.00**	**0.00**	**0.00**	**0.00**
80.00	74.25	78.88	71.83	11	10.0	11	**71.83**	**6.83**	**0.00**	**0.00**	**0.00**	**0.00**
70.75	73.58	77.17	71.35	14	10.0	12	**71.35**	**6.35**	**0.00**	**0.00**	**0.00**	**0.00**
68.88	75.25	78.13	71.65	13	10.0	13	**71.65**	**6.65**	**0.00**	**0.00**	**0.00**	**0.00**
73.13	77.04	75.79	71.79	12	10.0	14	**71.79**	**6.79**	**0.00**	**0.00**	**0.00**	**0.00**
77.83	74.13	75.21	69.74	15	10.0	15	**69.74**	**4.74**	**0.00**	**0.00**	**0.00**	**0.00**
79.29	76.50	74.17	69.10	16	10.0	16	**69.10**	**4.10**	**0.00**	**0.00**	**0.00**	**0.00**
78.33	65.42	67.17	68.27	19	10.0	17	**68.27**	**3.27**	**0.00**	**0.00**	**0.00**	**0.00**
77.96	62.92	71.96	68.16	20	10.0	18	**68.16**	**3.16**	**0.00**	**0.00**	**0.00**	**0.00**
76.04	71.67	74.08	67.70	22	10.0	19	**67.70**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**
76.21	67.75	77.54	67.96	21	10.0	20	**67.96**	**2.96**	**0.00**	**0.00**	**0.00**	**0.00**
66.54	70.46	76.21	68.45	17	10.0	21	**68.45**	**3.45**	**0.00**	**0.00**	**0.00**	**0.00**
64.46	73.00	77.00	68.45	18	10.0	22	**68.45**	**3.45**	**0.00**	**0.00**	**0.00**	**0.00**
67.29	61.29	77.08	66.79	25	10.0	23	**66.79**	**1.79**	**0.00**	**0.00**	**0.00**	**0.00**
68.54	67.83	73.25	65.28	29	10.0	24	**65.28**	**0.28**	**0.00**	**0.00**	**0.00**	**0.00**
66.17	76.88	72.13	66.28	26	10.0	25	**66.28**	**1.28**	**0.00**	**0.00**	**0.00**	**0.00**
72.08	76.83	75.71	67.07	23	10.0	26	**67.07**	**2.07**	**0.00**	**0.00**	**0.00**	**0.00**
60.25	74.29	76.79	66.90	24	10.0	27	**66.90**	**1.90**	**0.00**	**0.00**	**0.00**	**0.00**
60.33	72.25	78.42	65.82	28	10.0	28	**65.82**	**0.82**	**0.00**	**0.00**	**0.00**	**0.00**
67.29	74.67	76.04	64.76	31	10.0	29	**64.76**	**0.00**	**0.00**	**0.00**	**0.24**	**0.00**
63.29	76.38	59.17	64.77	30	10.0	30	**64.77**	**0.00**	**0.00**	**0.00**	**0.23**	**0.00**
65.29	75.67	64.75	66.17	27	10.0	31	**66.17**	**1.17**	**0.00**	**0.00**	**0.00**	**0.00**
58.82	**57.80**	**66.24**	**59.94**									
69.75	51.54	69.42	65.75	1	11.0	1	**65.75**	**0.75**	**0.00**	**0.00**	**0.00**	**0.00**
66.50	56.46	56.42	63.81	2	11.0	2	**63.81**	**0.00**	**0.00**	**0.00**	**1.19**	**0.00**
55.25	57.17	52.42	62.66	6	11.0	3	**62.66**	**0.00**	**0.00**	**0.00**	**2.34**	**0.00**

59.08	65.96	58.13	62.95	4	11.0	4	**62.95**	**0.00**	**0.00**	**0.00**	**2.05**	**0.00**
71.08	72.04	68.58	63.50	3	11.0	5	**63.50**	**0.00**	**0.00**	**0.00**	**1.50**	**0.00**
74.96	72.38	71.75	62.87	5	11.0	6	**62.87**	**0.00**	**0.00**	**0.00**	**2.13**	**0.00**
74.21	70.42	73.63	61.86	7	11.0	7	**61.86**	**0.00**	**0.00**	**0.00**	**3.14**	**0.00**
70.42	64.88	75.21	61.22	8	11.0	8	**61.22**	**0.00**	**0.00**	**0.00**	**3.78**	**0.00**
69.79	56.71	76.83	60.75	10	11.0	9	**60.75**	**0.00**	**0.00**	**0.00**	**4.25**	**0.00**
58.75	52.79	77.46	60.55	11	11.0	10	**60.55**	**0.00**	**0.00**	**0.00**	**4.45**	**0.00**
59.00	60.00	77.00	59.89	14	11.0	11	**59.89**	**0.00**	**0.00**	**0.00**	**5.11**	**0.00**
65.29	54.38	75.29	60.76	9	11.0	12	**60.76**	**0.00**	**0.00**	**0.00**	**4.24**	**0.00**
67.17	44.33	68.04	60.19	12	11.0	13	**60.19**	**0.00**	**0.00**	**0.00**	**4.81**	**0.00**
58.79	50.08	65.92	59.12	17	11.0	14	**59.12**	**0.00**	**0.00**	**0.00**	**5.88**	**0.00**
47.88	49.13	69.88	59.38	16	11.0	15	**59.38**	**0.00**	**0.00**	**0.00**	**5.62**	**0.00**
43.96	51.38	62.67	58.79	19	11.0	16	**58.79**	**0.00**	**0.21**	**0.00**	**6.21**	**0.00**
49.83	56.67	57.54	58.00	24	11.0	17	**58.00**	**0.00**	**1.00**	**0.00**	**7.00**	**0.00**
54.46	57.13	54.79	57.40	28	11.0	18	**57.40**	**0.00**	**1.60**	**0.00**	**7.60**	**0.00**
57.79	52.25	59.50	58.43	21	11.0	19	**58.43**	**0.00**	**0.57**	**0.00**	**6.57**	**0.00**
61.25	53.17	65.79	59.76	15	11.0	20	**59.76**	**0.00**	**0.00**	**0.00**	**5.24**	**0.00**
52.42	52.83	67.38	59.89	13	11.0	21	**59.89**	**0.00**	**0.00**	**0.00**	**5.11**	**0.00**
51.33	58.29	67.13	59.04	18	11.0	22	**59.04**	**0.00**	**0.00**	**0.00**	**5.96**	**0.00**
58.50	65.33	60.88	58.21	22	11.0	23	**58.21**	**0.00**	**0.79**	**0.00**	**6.79**	**0.00**
63.63	51.83	58.29	58.49	20	11.0	24	**58.49**	**0.00**	**0.51**	**0.00**	**6.51**	**0.00**
57.33	48.75	66.83	57.72	27	11.0	25	**57.72**	**0.00**	**1.28**	**0.00**	**7.28**	**0.00**
60.04	55.08	68.96	58.16	23	11.0	26	**58.16**	**0.00**	**0.84**	**0.00**	**6.84**	**0.00**
43.29	67.67	70.50	56.90	29	11.0	27	**56.90**	**0.00**	**2.10**	**0.00**	**8.10**	**0.00**
40.33	64.29	69.17	56.60	30	11.0	28	**56.60**	**0.00**	**2.40**	**0.00**	**8.40**	**0.00**
47.21	59.63	65.08	57.78	26	11.0	29	**57.78**	**0.00**	**1.22**	**0.00**	**7.22**	**0.00**
55.35	61.33	56.75	57.83	25	11.0	30	**57.83**	**0.00**	**1.17**	**0.00**	**7.17**	**0.00**
55.84	**57.56**	**50.41**	**54.14**									
65.50	68.04	39.67	55.72	6	12.0	1	**55.72**	**0.00**	**3.28**	**0.00**	**9.28**	**0.00**
74.33	49.79	40.67	54.88	12	12.0	2	**54.88**	**0.00**	**4.12**	**0.00**	**10.12**	**0.00**
65.75	42.21	49.88	55.22	8	12.0	3	**55.22**	**0.00**	**3.78**	**0.00**	**9.78**	**0.00**
53.58	46.08	58.71	56.84	2	12.0	4	**56.84**	**0.00**	**2.16**	**0.00**	**8.16**	**0.00**
44.46	49.96	50.38	56.27	5	12.0	5	**56.27**	**0.00**	**2.73**	**0.00**	**8.73**	**0.00**
43.08	53.58	54.08	55.20	9	12.0	6	**55.20**	**0.00**	**3.80**	**0.00**	**9.80**	**0.00**
48.88	60.79	53.46	54.79	13	12.0	7	**54.79**	**0.00**	**4.21**	**0.00**	**10.21**	**0.00**
56.63	63.04	43.21	54.35	19	12.0	8	**54.35**	**0.00**	**4.65**	**0.00**	**10.65**	**0.00**
58.58	66.38	46.79	57.07	1	12.0	9	**57.07**	**0.00**	**1.93**	**0.00**	**7.93**	**0.00**
45.13	70.42	50.54	56.50	3	12.0	10	**56.50**	**0.00**	**2.50**	**0.00**	**8.50**	**0.00**
44.54	52.25	51.63	52.76	25	12.0	11	**52.76**	**0.00**	**6.24**	**0.00**	**12.24**	**0.00**
41.71	54.46	57.08	52.91	23	12.0	12	**52.91**	**0.00**	**6.09**	**0.00**	**12.09**	**0.00**
54.79	54.08	63.54	55.66	7	12.0	13	**55.66**	**0.00**	**3.34**	**0.00**	**9.34**	**0.00**
63.42	54.71	63.29	56.44	4	12.0	14	**56.44**	**0.00**	**2.56**	**0.00**	**8.56**	**0.00**
60.17	52.92	54.79	54.53	15	12.0	15	**54.53**	**0.00**	**4.47**	**0.00**	**10.47**	**0.00**
55.63	59.46	52.50	54.37	18	12.0	16	**54.37**	**0.00**	**4.63**	**0.00**	**10.63**	**0.00**
52.17	64.58	45.04	54.40	17	12.0	17	**54.40**	**0.00**	**4.60**	**0.00**	**10.60**	**0.00**
51.58	44.33	41.08	52.62	26	12.0	18	**52.62**	**0.00**	**6.38**	**0.00**	**12.38**	**0.00**
54.29	43.71	46.92	51.43	29	12.0	19	**51.43**	**0.00**	**7.57**	**0.00**	**13.57**	**0.00**

59.33	52.75	54.83	51.79	27	12.0	20	**51.79**	**0.00**	**7.21**	**0.00**	**13.21**	**0.00**	
50.79	57.46	53.46	53.11	21	12.0	21	**53.11**	**0.00**	**5.90**	**0.00**	**11.90**	**0.00**	
47.54	60.67	49.63	54.08	20	12.0	22	**54.08**	**0.00**	**4.92**	**0.00**	**10.92**	**0.00**	
47.63	55.29	49.71	54.94	11	12.0	23	**54.94**	**0.00**	**4.06**	**0.00**	**10.06**	**0.00**	
53.13	60.13	52.88	54.45	16	12.0	24	**54.45**	**0.00**	**4.55**	**0.00**	**10.55**	**0.00**	
48.83	62.38	37.50	51.63	28	12.0	25	**51.63**	**0.00**	**7.37**	**0.00**	**13.37**	**0.00**	
54.79	64.38	34.79	49.79	31	12.0	26	**49.79**	**0.00**	**9.21**	**0.00**	**15.21**	**0.21**	
63.00	68.79	40.96	51.19	30	12.0	27	**51.19**	**0.00**	**7.81**	**0.00**	**13.81**	**0.00**	
67.79	68.58	49.96	52.88	24	12.0	28	**52.88**	**0.00**	**6.12**	**0.00**	**12.12**	**0.00**	
67.08	69.92	52.75	55.06	10	12.0	29	**55.06**	**0.00**	**3.94**	**0.00**	**9.94**	**0.00**	
67.83	64.00	58.13	52.96	22	12.0	30	**52.96**	**0.00**	**6.04**	**0.00**	**12.04**	**0.00**	
68.96	49.25	64.71	54.66	14	12.0	31	**54.66**	**0.00**	**4.34**	**0.00**	**10.34**	**0.00**	
68.69	**69.90**	**69.76**	**67.99**										

Sorted by Month and Rank of Average Temperatures 1991 to 2020

Average of
TLH_Actuals_Te
mp_Avg_D

Month	Day	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1.0	2	60.5	57.4	62.6	56.9	51.3	66.5	62.4	47.7	60.6	63.6	33.5	39.6	59.4	57.9	58.5	70.8	47.4	36.5	59.7	40.9	59	51	63.9	56.3	61.6	50.4	68.6	34	67.9	61.9
1.0	1	60.67	53.2	65.5	47.3	57.1	63.4	64.1	36.1	50	61.8	32.4	41	58.5	50.9	61.6	65.2	59.5	49.3	48.5	49.6	61.8	60.3	59	52.7	54.8	58.2	64.7	39	72.3	49
1.0	12	56.79	54.8	67.6	60.7	54.5	47	42	50.9	44.3	53.9	51.5	59.5	42.5	41.2	61.8	64	60.7	58.5	47.8	36.7	35.7	56.7	64	52	61.5	42.1	57.5	62.3	58.7	68
1.0	23	45.79	60.3	54.3	42	49.5	51.7	63.8	63.6	66.7	56.8	43.3	65.8	41.7	44.5	39	68.3	50.7	58.4	48.3	57.4	36.7	67.5	46.4	38.9	66.2	40.9	59.5	60.4	65	55.9
1.0	27	45.67	59	49.3	61.9	52.2	57.6	57.8	54.9	56.1	35.8	53.7	59.8	40.4	54.3	60.5	52.8	43.6	50.2	59.4	45.5	42.7	60	63.5	58.4	49.2	62.8	50.6	63.3	47.9	54
1.0	11	63.75	41.1	58	57.5	56	43.8	42.4	46.3	40.5	54.1	43.2	57.8	45.2	40.4	60.3	63.8	52	66	62.5	29.9	38.8	61.9	69	66.2	56.2	41.3	55.1	67.1	45.2	71
1.0	13	42.71	66.5	65.8	50.5	63.7	43.8	43.5	60	55.5	59.6	44.9	45.5	42.3	45.4	63.8	60.7	61.1	58.8	49.2	36.8	32.6	42.9	66.6	53.5	61.4	46.2	60.1	40.3	62.8	68.8
1.0	30	66.17	54.3	52.8	51.4	48	61.7	48.8	49.5	64.3	49.9	61	64.5	55.7	47.4	48.6	64.8	41.4	54.1	49.1	61.1	52.6	46	68.8	38.7	53.3	51.8	48.5	45.5	39.1	55.3
1.0	22	39.79	49.9	64.9	36.3	46.9	46.4	58.7	60.3	66	42.5	38.5	57.2	63.5	42.4	60	65	62.2	54.4	36.9	65.1	37.4	67	49.6	38.3	61.7	57.5	70.9	57.5	52.8	44.3
1.0	3	58.67	54.2	64	56.8	46.5	47.8	66.9	60.8	47.1	61.5	31.5	36.1	45.4	62.9	58.9	63.6	56.7	33	65.1	34.3	43.9	37.6	52.1	37.5	68.6	50.2	69.1	35.9	66.1	73.5
1.0	10	55.75	51.9	59.3	48.3	53.5	45.9	43.5	45.3	39	65.1	36.3	52.5	60.8	42.9	64.7	55.1	45.5	66.6	56.4	29.5	41.6	58.7	70.6	63	46.7	54.3	46.8	67	46.9	66.3
1.0	28	61.21	56.8	46.1	65.6	65.6	43.2	61.8	50.5	59.2	43.3	55.3	63.6	41.2	38.8	48.4	57	49.1	44.6	63.6	46.6	47.5	50.8	63.8	48.7	43.6	55.4	45.5	63	46	51.6
1.0	29	62	55.8	51.6	57.5	57.9	55.4	58.3	47	61	51.3	58	63.2	48.8	39.1	44.6	61.6	36.9	48.8	55.6	57.5	51.2	50.9	67.5	33	47.3	51.3	49.3	60	44.5	46.3
1.0	9	51.96	64.6	62.4	39.5	46.5	36.1	59.9	53.9	53.2	58.9	37.9	42.2	53.4	47.8	67.1	56	50.3	63.6	51.6	29.8	41	59.2	67.7	53.7	39.6	62.3	38.4	64.6	55	51.2
1.0	6	63.25	51.8	67	44.4	55.4	49.7	62.3	68.9	32.8	48.5	44.4	53.5	48	49	65.1	47.7	63.4	54.6	66.6	30.7	51.3	51.3	51.3	46.4	47.6	49.1	57	36.3	51.8	48.8
1.0	24	48.38	46.3	58.6	49.8	39.8	59	63.8	54.3	55.7	48.9	44.9	68	28.2	49.1	36.9	65.2	48.4	50.9	57.3	65.3	43.3	67.8	55.2	40.3	52.5	40.1	55.9	48	54.3	60.1
1.0	26	47.79	46.4	47.3	55.1	46.8	58.2	49.4	48.8	55	35.7	38.4	60.8	39.7	66.1	58.1	47.8	43	47.8	61.2	50.3	53.8	66.3	62.1	46.6	52	54.2	63.2	54.9	44.8	49.3
1.0	4	57.38	49.7	66.1	47.1	44.5	39.9	68	64.8	34	63.9	34.5	33.5	38.7	65	58.5	54.2	63	41.5	65.8	35.3	48.5	35	47.1	46.9	68.8	51	58.9	34.8	64.5	63.9
1.0	18	50.21	45.3	53.1	45	51	63.5	32.9	49.7	66.4	61.1	60	54	32	63.5	37.5	47.7	47.5	49.9	50.7	54.6	54.6	58.3	51.1	42.4	50.1	45.7	66.6	33	59.7	60.7
1.0	31	57.46	58	48.4	46.6	39.5	65.5	48.1	44.7	63	41.5	54.5	67.3	57.5	51.6	43.8	51.1	50.2	57.7	43.2	43.8	57.5	53.3	48.8	49.6	46.1	54.8	53.8	43.6	44.4	52.3
1.0	15	56.58	38.1	47.1	41	52.3	53.3	55.5	61.3	57.1	43.1	53.3	50.6	44	55.7	51.3	48.5	66.6	45.8	43	50.1	36.3	44	65.2	48.4	48.5	61.9	61.8	42.5	44.2	68.8
1.0	5	60.29	50	71.3	41.7	39.4	46.2	70.3	70	28.8	45.5	41.2	37.6	43.7	69.5	59.6	59	65.8	46.8	63.6	33	48.8	46.8	50.2	58.2	52.3	46	54	35.3	51	47.3
1.0	14	40.96	52.5	52.3	47.6	62.1	46.9	48.9	63	57.7	49.2	51.2	47.1	42.8	51.3	55.2	49.9	63.8	47.2	42	40	33.4	40.3	68.3	60	55	46.7	61	38.7	49	67.9
1.0	7	61.71	45.5	67.7	57.1	60.7	41.1	55.8	69	43.8	56.2	44.6	42	40.9	38.3	63.9	41.1	68.9	57.5	62.8	37.2	47.3	58.3	52	28.3	48.2	55.2	41.1	40.6	52.8	50.7
1.0	21	44.21	41	61.1	40.3	43	46.3	50.1	50.5	63.8	41.4	37.1	63.2	55.9	41.4	54.1	68.2	57.3	43.5	33	64.3	48.1	64	52.3	51.2	59.5	50.7	69	52.5	42.7	37.3
1.0	19	55.17	42.9	58.1	33	56.2	44	35.6	55.2	54.6	58.3	68.3	63.6	38.5	52.8	43.2	44.4	53.2	46.8	49.5	51.7	54.7	46	56.7	46.9	47.9	41.5	65.5	38.8	64.5	59
1.0	16	62.96	35.7	51.5	38.7	47.5	55.8	51.3	51.4	49.6	49	58	44	45	47.3	50.5	55.1	59.1	47.9	37.6	60.1	40.9	47.2	69.5	39.1	48.5	58	64.8	45.6	42.9	70.3
1.0	17	49.29	37.4	47.8	51.5	46	61.7	35.2	47.6	63.3	57.6	59	45.2	41.3	53.3	39.3	58.3	49.2	57.3	35.7	60	48.5	55.2	56.8	48.2	46.1	53.3	64	37.7	48.3	62.4
1.0	8	56.96	50.9	66.9	48.2	42.6	30.5	53.3	63.4	51.5	52.3	56.5	34.7	42	40	65.2	49.4	58.8	60.2	53.4	38.8	48.5	59.3	60.9	39.3	33.5	59.8	34.7	51.6	56.6	45.3
1.0	25	45.79	39.7	49.8	52.9	42.1	45.5	59	42.4	51.8	39.3	42.2	66.7	34.5	59.8	45.2	52.2	48.9	42	60.9	56.4	55.2	64.6	59.5	47.3	46.6	45.6	58.1	50.9	44.6	48.7
1.0	20	52.42	40	55.7	41	45.9	36.7	44.8	44.7	56.8	59.7	44.9	55.8	45.4	39.7	52.6	56.1	52.5	37.7	37.8	53	51.6	54.7	57.3	48.4	52	43.6	69.3	46	46.2	43
2.0	23	62.79	67.4	53.3	68	52.2	70.6	54.2	54.5	43.5	62.1	61.3	51.3	53.2	53.1	63.9	66.5	58.4	64.2	42.3	57.1	65.8	73	70	58.4	63.3	66.6	69	70.3	73.3	51.3
2.0	22	63.33	60.6	65.8	66.1	49.3	60.7	67.6	54.9	41.1	53.9	62.5	57.8	65.8	53.5	67	66.3	58.5	67.5	49	58.5	70	60.6	64.5	61	61.4	63.3	64.3	70.2	70.3	45.1
2.0	21	66.92	54.5	60.5	68.5	56.6	60.5	70.8	54.5	52.6	48.2	64.5	63.6	60.8	63.7	63.3	65.8	60.8	55.4	41.8	52.6	63.8	56.2	54.2	64.7	50.3	61.8	64.8	71.6	73.2	47.2
2.0	24	58.5	66.3	47.6	55.8	59	70.5	50.3	54.9	51	63.4	66.8	48.1	51.6	60.1	66.8	58.7	57	58.5	45.9	44.9	60.8	71.8	64.4	66	52.5	65.2	67.3	68.5	70.8	60.6
2.0	25	60.29	66.5	56	50.9	51.7	64.4	49.9	55.7	50.5	63	68.7	50.7	57.4	55.2	58.1	64.6	62	59.1	56	39.9	70	53	59.1	64.4	52.3	52.5	68	67.9	60.1	67.4
2.0	26	54.21	59.5	58.9	52.9	56.4	63	60.2	59	57.7	64.3	70.5	54	57.7	43.9	55.2	58.8	59.5	66.4	56.9	40.7	62.8	49.9	65.9	56.3	50.3	49	57.4	67.5	62.6	61.9

2.0	20	65.96	55.9	47.2	69.1	59	61.8	68.8	58.7	52.3	54.1	58.7	60.9	58.2	51.5	55.6	55.4	52.5	50.9	44.4	50	61	53.7	49.4	63.2	37.3	58	64.3	70.4	64.5	61.9
2.0	28	56.83	50.7	50.1	58.2	61.9	68.6	70.7	66.5	62.1	56.6	68	34.9	56.3	46.9	57.1	53.5	63.3	40.5	67.9	46.7	68.5	64.2	52.8	46	50	50.7	69.6	66.3	62	45.6
2.0	19	62.13	65	39.7	67.8	59.1	54.1	62.8	51.8	56.8	70.1	55.3	53.6	50.2	46.2	48.6	50.4	41.3	51.2	65	48.1	60.4	66.9	53.2	61.5	36.8	56.8	66.6	69	64.7	73.1
2.0	18	55.5	60.5	44.7	64.6	65	45.5	59.3	59.1	62.9	65	51.5	48.5	45.5	46.3	49.9	64.4	43.9	65.5	60.6	41.6	56.9	65.2	42.6	61.3	43.5	55.1	58.3	70	65.7	67.3
2.0	16	34.5	68.5	61.3	58.5	66.8	44.9	47.5	67.2	51.9	59	68	57	64.9	46.8	67.1	57	37.7	57.3	52.3	37.1	53	66.3	47.2	50.3	57.7	58.8	52.2	69.5	67.2	54.8
2.0	11	51.17	49.3	60.5	66.3	66.9	64.6	45.3	58.6	66.9	60.4	58	53.4	47.7	55	44.5	53.4	45.7	51.3	62.7	39.8	43.9	49.2	68.7	57.7	50.5	50.3	58.6	66.4	64	68.3
2.0	27	49.08	47.8	49.4	51.1	64	64.7	68.3	68.4	58.2	59.3	67.6	38.2	65	41.5	55.1	50.1	64.6	45.5	59.8	45.8	64	58.4	56	46.2	48.9	48.2	61.7	64.1	63.7	46.8
2.0	17	42.38	60.6	51.8	59	67.3	37.3	49.5	65.8	59.6	63.5	61.7	52.2	54.5	48.3	60.5	60.2	39.6	64.1	48.5	38.8	55.8	65.4	38.6	54.7	52.2	56.3	52.3	70.6	68.9	61.1
2.0	15	45.08	62.5	53.4	51	63.3	64	52.7	56.5	43.3	60	63.7	54.7	59.7	51.8	62.3	52.4	39	49.2	60.3	41.5	52.6	61.7	47.6	52.9	55.3	57.9	67.5	65.8	54.1	53.1
2.0	10	51.67	50.7	58.3	67.6	55.9	62	48.7	49.1	68.1	51.3	58.3	59.3	57.6	54.5	55.5	43.2	49.8	54.7	54.2	40.3	44.9	51	60.7	56.8	50.5	38.9	53.5	64	59.8	62.3
2.0	12	50.38	51.1	60.8	60	50.5	48.5	45.1	52	55.9	64.4	57.8	47.7	49.5	61.6	47.5	38.6	54.1	59.3	63.5	39.3	41.5	36.4	65.8	47.3	54.8	60.6	70.5	64.5	65.5	68.3
2.0	2	56.79	44.7	49.8	39.6	53.3	62.6	60.1	57.5	58.6	47.9	48.7	56	49	47.5	47.5	54.4	57.2	47	51.8	53.6	61.3	63	45.4	63.7	57.4	64.8	60.2	55	60.6	49
2.0	3	65	48.7	48.2	36.6	63.2	37.1	62.9	62.6	63	45.2	49.7	52	52.7	52	50.1	63.4	42.1	50.4	45.5	48.5	48.3	63.8	51.1	66.5	44.3	69.1	61.5	50.5	60.4	53.4
2.0	4	65.21	51.3	52.1	44.6	50.3	26.7	62.3	47.4	65.9	48.8	50.3	52	60.6	50.2	48	58.2	46.1	59	36.9	58.6	48.4	65.9	49.3	67	50.2	54.8	53	60.8	58.8	58.8
2.0	5	62.88	60.9	58	58.9	47.2	28	60.6	45.5	54.2	42.3	49.3	44.6	48.4	61.3	45.8	46.7	45.6	65	32.5	62.3	52.6	64.8	56.4	68.5	55.1	46.8	54.8	54.5	61.3	64.3
2.0	6	63	49.3	54.4	65.4	39.7	37.5	55.5	43.2	53.8	40	46.8	53.4	54.5	65.8	53.5	51.8	43.9	68.8	38.8	52	49.1	65.2	63.4	43.8	47.7	44.5	60.8	58.3	62.9	70.1
2.0	9	51.08	40	50.4	69.8	36.4	60.2	48.7	45.2	67.9	50.9	59	51.3	47.8	47.2	60.9	43.7	55.6	56.5	51.5	50.4	44.2	51.1	55.7	52.6	58	46.3	64.9	59.6	58.2	55.8
2.0	7	63.25	48.9	54.6	59.9	47	41.3	57.9	44	60.5	45	48.6	51.7	50.9	48.7	60	56	50.1	56.6	45.5	42.9	50.4	60.8	63.2	49.8	46.4	47.5	59.9	63.7	63.9	49
2.0	1	50.13	49.9	54.8	40.3	43.2	56.2	51.9	53.2	63.9	42	56	68.1	52.5	47	49.3	48.4	58.8	59.2	44.3	49	59.7	57.6	44.5	58.5	56.4	61.3	56.8	50.9	52.5	48
2.0	14	64	62.5	49.5	47.8	57.6	51.7	59.8	47.7	43	70.5	62.9	52.6	51.9	51.4	56.8	40.3	50.3	42.6	59.7	41.8	48.3	49.9	47.8	47.5	47.2	49.5	61.4	63.5	47.5	54.2
2.0	13	60.33	53	51	57.8	48.2	40.7	55.7	48.1	45.1	62.5	60.2	49.3	51.3	49	53.2	36.7	57.3	53.3	56	39.7	45	38	68.9	44.4	42.2	53.2	65.3	65.2	53.3	70.2
2.0	8	52.71	43.2	51.7	63.2	38	53.1	59.3	40.8	71.4	51.7	54.8	45.8	45.5	41.3	58.4	46.6	55	53.2	50.4	44.5	43.5	55.3	59.7	54.7	52.2	48.8	67.7	61.7	61.5	47.5
3.0	29	72.96	58.7	66.9	55.7	63.5	69.7	71.9	67.6	62	65.3	63.3	62.6	67.2	67.2	63.6	62.7	71.3	66.3	62.3	58.8	59.5	68	56.3	69.2	55	67.5	71.7	66.5	61.4	75.9
3.0	30	58.92	66.8	63.9	55	67.3	63	69.6	70	66.8	73.1	67.2	66.5	53.4	62.8	62.4	67.8	70.1	67	58	58.5	65.6	70.1	58.7	60.1	59.6	67.6	69.3	66.1	65.8	74.5
3.0	31	56.92	60	69.9	56	56.5	64.4	62.6	72	68.5	71.1	63.1	70.8	47.7	61.7	67.4	66.7	68.4	62.5	59.1	60.3	62.5	70.3	66	60.7	70	72.5	74.3	63.5	63	71.5
3.0	28	74.88	57.1	64.3	67.1	67.8	67.3	69.3	65.7	55	65.3	53.9	60.4	67.1	67	61.5	57.7	70	62.3	69.5	64.8	72	68.8	51.5	65.2	53.6	70	68.4	65.9	62.3	74.5
3.0	27	71.25	62.4	61.4	74.8	70.6	65.4	69.3	66	53.2	68.2	51.3	62	66.8	66.2	71	50.9	71.3	57.7	64.4	63.3	74.5	69.5	46.2	59	63.3	66.5	69.4	64.3	60.5	72.9
3.0	19	60.33	70.1	54.1	71.9	64.3	55.3	70.3	65.6	64.2	63.9	54.3	68.4	70.3	64.6	51.9	63.2	54.8	69.9	66.3	57.6	64.9	70.8	66.3	61.6	71.7	68.6	64	67.3	58.4	71.1
3.0	24	72.75	54.1	67.7	71	71.4	57.5	63.5	57.6	59.6	66.2	60.8	58.2	62.1	61.3	65	53	70.3	54.6	66.3	58.7	73.6	74.5	74.1	62.5	64.4	64.5	67.4	59.9	60.5	72.9
3.0	25	67.33	56.7	66.2	69.8	68.2	60.3	69.5	59.8	64.3	67	57.3	68.2	62	66.5	69	49.7	69.2	47	65.2	60	63.1	67.8	54.3	61.2	65.7	67.1	67.8	69	65	77.1
3.0	26	64.25	61.5	68.7	66.4	67.5	63.5	69.4	65.5	59	64.8	51.1	69	64.5	68.4	68.7	47.9	71.5	52.8	64.1	65.2	67	67.3	47.3	50.3	65.2	68.7	69.3	58.6	65.4	75.4
3.0	20	57.29	55.5	58	70.7	61.2	45.2	68.6	65.2	62.5	64.3	50.1	69.5	74.6	66.8	57.4	67.4	60.3	59.5	63.5	56.7	68.1	71.2	61	63	73.8	64.7	59.3	72.7	57.4	71.7
3.0	18	65.79	62.7	57.1	59.1	62.2	63.9	66.5	64.1	59.9	63.5	50.5	71.5	69.8	60	48.3	62	51.5	66.8	65.7	53.3	63.4	72.6	68	59.1	73	67.1	59.3	70.2	55.4	73.3
3.0	21	61.67	51.2	66.2	72.3	68.8	47.2	64.6	49.3	60.7	61	47.3	69.3	70.1	68.9	64.1	77.6	64.5	58	63	57.5	70.2	72.9	53.1	65	73.3	52.4	66.7	57.8	53.7	72.8
3.0	23	72.33	57.6	68.7	63.6	74.7	52.8	64.1	53	55.7	63.7	60	51.3	64.7	51.6	70.2	56	68.5	62.3	60.6	56	72.1	74	60.9	65.5	68.9	58	68.9	54.6	57	70.8
3.0	16	56.83	53	54.4	62	64.3	66.3	57.4	58.9	52.5	67	67.1	71.3	66.3	66.8	61.7	57.5	64	71	69	53.8	66.7	69.4	60.1	62.9	70	77	43.7	56.1	59.3	71.5
3.0	22	68.5	55.3	67.2	70	70.6	48.2	70.1	51.5	56.5	64.1	56	54.9	66.3	53.3	67.2	61.3	68.5	60	59.6	51.9	68.3	72.3	58.7	67.6	72.6	53.2	74.3	53	55.9	73.8
3.0	17	56.33	54.4	58.3	51.5	65.2	67.3	60.6	64.2	54.7	69.5	54.1	74.9	67.3	61.8	51.3	66	52.4	67.3	66.8	52	61	72.4	60.4	62.7	71.8	70.1	52.3	65.4	55.8	70.7
3.0	15	56.08	59.8	41	60.6	64.8	58.1	62	56.1	49.3	66.9	68.9	66.2	66.2	65.8	61	56.3	64.2	71.2	71.1	56.1	61.8	71.1	53.9	57.1	68.5	73.5	45.2	49	70.2	70.6
3.0	14	62.42	53	36.4	61	68	54.2	69.8	50.3	62.8	57.5	61.4	58.5	69.3	62.8	71	71.1	65.8	59.1	67.3	56.8	58.3	68.8	49.3	50.8	73.3	72.9	51.8	49.1	68.9	70.1
3.0	13	68.67	52.7	42.7	61.6	64.8	50.1	70.6	41.1	63	51.2	69.7	58.5	72	59.8	62.6	69.8	63.8	56.3	68.5	58.8	56.5	65.8	56.1	52.1	70.3	74.4	50.5	48.9	67.1	68.4
3.0	12	52.33	46.9	61.5	51.4	62.6	47.1	68.5	39.5	57.8	53.4	63.1	63.2	65.1	55.9	56.7	69.4	63.8	57	66.8	63.3	51.5	67.4	56.3	68	72.7	70.5	60.4	55.8	68.2	66.4
3.0	2	63	62.4	56.9	60.5	57.7	50.9	69.5	51	58.3	70.9	70.9	62	62.2	62.3	43	70.1	60.3	59	42	50.1	62	70.9	42.9	58	65.8	62.8	63.5	65.2	67.5	60.1
3.0	10	51.38	63.1	62.2	54.5	46.8	41	66.2	46	58	65.8	53.3	60.8	62.8	50.7	49.6	69.9	65.7	55.5	64.8	60	57.6	66.3	62.7	64.4	68.5	70	67.5	51.2	67.5	65.5
3.0	1	63.46	58.6	50.3	62.4	62.6	47	70.5	62.8	56.1	61.3	65.5	47.5	57.6	64.1	50.3	58.8	68.3	56.3	46.5	49.3	65.5	73.1	47.5	54.5	55.3	61.4	73.4	73.5	64.4	50.6
3.0	3	64.38	61.3	60.8	51.4	56.5	51	73.5	46.6	58.6	64.7	73.7	58.8	51.8	63.9	44.5	66.8	55.8	65	42.6	48.4	64.2	68.2	42.3	64	68.2	56.8	55.1	57.3	71.1	70.5
3.0	11	48.5	43.7	61.8	47.8	55.2	45.9	66.3	40.6	55.4	67.4	59	58.8	63.9	49.7	54.2	69.3	63.5	55.5	63.3	64.4	49.5	66.4	62.3	62.6	72.8	70.5	62.2	59.1	70.7	64.9

3.0	9	57.71	64.8	62.5	65.9	45.2	34.3	63.6	53.8	61.1	64.3	52	68.4	64.5	53.8	46.3	59.1	59.8	46.3	63.8	56.8	63.8	66.2	56.3	59.2	62.9	68.5	64.8	48.3	64.7	62.8
3.0	7	70.42	71.2	56.8	65.5	70.4	61.5	54	62.1	60.6	63.2	49.4	60.3	62	63.8	59.7	57.3	55	61.6	58.9	48.1	51	65.4	47.6	45.2	52.3	58.9	65.3	54.7	48.4	52.6
3.0	6	64.5	68.2	52.2	64	67.5	68.7	64.1	62.3	55.2	62.4	51.3	49	70.8	68	56.1	60.9	50.9	55.4	56.3	45.1	58.3	62.2	49.9	49.5	47.8	58.2	65.8	59.5	44	59.6
3.0	8	67.79	67.9	57.7	63.6	58.7	37.2	61.3	66.4	57.3	64.5	49	61.7	62	56.9	59.7	51.1	56.3	48.5	60.9	54.8	59.1	66.8	52.3	52.9	55	63.6	67	46.7	56.2	54
3.0	5	53.79	66.3	51.6	63.1	63.3	60.3	72.2	52.4	48.5	58.7	55	39.5	68.2	67.7	55.4	55.4	47.2	53.6	50.7	44.4	66.4	55.7	59	49.8	67.5	55.7	61.3	55.2	46.3	68.2
3.0	4	50	64.1	56.8	54.4	61.7	55	69.3	44.7	48.6	65.9	66.3	36.6	56	66	49.1	57.2	50.6	65.9	44.4	42.8	65.8	52.5	45.2	49.8	68.8	56.4	57.3	54.3	52.9	73
4.0	26	70.96	62.3	68.8	75.2	63.7	75.4	69	62.5	74.2	65.1	62	76	72.2	70.6	63.8	73.3	71.3	69.7	72.8	72.3	75.5	70.8	71	74.6	77.5	74.7	68.3	67.7	69	71.7
4.0	29	78.71	56.8	63	74	70.9	72.2	67	70	66.4	66.6	69.5	76.8	73.5	72	65.9	69.3	72.5	65.3	72.9	64	68	77.2	67.1	71.2	70.5	79.5	77.2	70.5	72.4	69.1
4.0	27	75.21	54.3	66.1	76.2	70	75	71.7	66.2	74.4	65.6	61.1	74.8	67.9	68.3	69.5	69.1	74.8	71.7	72.8	65.6	78	71.2	71.6	73	72.5	75.7	78	66.9	66	64.5
4.0	30	75.33	62.7	65.8	75.9	72.3	63.5	67	71.8	54.3	66.9	70.9	76.3	74.7	71.4	67.8	68.1	71.9	63.2	72.8	66.2	68.5	80.1	71.9	68.7	68.1	77.2	77.1	71.2	75.2	69.5
4.0	28	79.04	54.1	65.2	74.1	71.3	70.3	71.6	69	70.4	70.4	66	77.2	71.1	65.6	63.4	67.8	70.7	72	72.8	61.8	74.2	71.2	72.4	75.7	70	76.4	76.8	66.7	65.8	65
4.0	25	65.96	75.3	66.8	74.4	59.5	63	67	62	76.8	64.8	67	76.1	65.5	73	55.2	77.1	68.7	73.9	72.1	76.3	76.3	66	70	75	74.9	73.6	65.7	67.9	67.6	72.2
4.0	23	73.42	70	54.6	66.3	74.1	69.8	66.4	58.3	71.7	62.7	70.5	73	65.8	69.1	66.6	73	67.9	71	73.3	68.4	72.3	59.6	67.2	71.8	74.3	72	70	73.6	69	69.6
4.0	21	63.17	75.3	62	70.5	68.8	68.8	70	64.3	68.7	74.4	65.5	76.5	68.8	66.1	67.2	76	65.6	71.2	66.5	68.3	77.1	67.2	63	64.5	69.7	72.4	72.6	69.9	60.3	70.1
4.0	24	72.17	73.3	58.7	71.4	65.9	63.6	62.7	60	77.7	68.4	71.9	73.2	64.7	71.2	55.2	73.5	67.4	74.1	71.3	72.5	74.6	60.3	69.2	73.5	76.1	71.8	60.9	66.3	68.6	72.2
4.0	13	72.46	69.7	69.2	70.8	70.9	64.8	64.9	59.9	67.2	69.2	76.6	70.5	66.8	59.7	66.2	68.9	66.3	63.6	67	70.1	65.3	66.6	67.3	71.5	74.4	69.3	69.5	66.2	73	79.3
4.0	22	63.83	70.5	54.6	71.4	71	69.7	75.6	62.3	67.4	64.3	68.6	77	70	67.8	68.4	69.3	67.3	68.7	66.6	68.9	74.3	67.9	65.7	69.8	71.9	65.6	71.7	72.2	64.8	69.6
4.0	12	75.33	70.4	65	70.5	69.7	56.8	69.1	57.6	72.9	66.8	74.8	69.6	62.3	68.9	65	69	71.5	68.6	69.1	67.2	71	63	73.8	68.3	71.5	71.8	69.5	62.6	72.2	70.4
4.0	20	72.25	71.9	61.6	73.3	72	67.5	65	65.6	66.1	69.2	59.1	76.6	73.4	67.3	66.4	77.8	63.5	66.5	73.3	65.4	75.2	70.5	57.5	59.5	68.9	69.9	73.9	66.9	59.4	72.4
4.0	19	68.42	67.7	60.6	69.3	73.8	67.8	60.1	67.7	58.1	67.8	53.5	74.4	71.7	66.9	63.3	74.1	65.8	67.1	67.5	69.5	71.9	72.8	67.9	59.3	73.6	66.4	73.3	73.1	70.3	76
4.0	14	70.83	66.1	65.9	73.2	63.3	73.5	55.1	63.9	64.8	60.5	73.6	70.8	68.5	53.1	59	72.4	69.3	53.4	70	72.4	64.3	70.4	62.7	72.9	79.1	64.3	71.2	70.8	73.3	72.5
4.0	9	71.67	65.1	68	71	68.7	57.3	67	74.8	76.8	53	70.5	70.4	60.9	69.7	66.4	62.9	52.9	68.8	62	62.9	76.5	69	69.1	61.5	74.4	63.2	60.8	66.9	72.1	82.1
4.0	11	74	68.9	65.3	71.7	72.2	53.7	66.5	58.3	78.3	61.3	71.9	69.6	57.1	62.1	65.2	66	65.4	72.2	72.7	68.1	73.2	67.4	70.7	63.8	71	65.2	69.8	61.6	72.3	61
4.0	18	69.5	68	64.4	66	70.3	64.3	56	72.3	56.2	68.9	52.2	74.3	71.1	67.1	59.6	77.2	62.6	61.7	65.2	69.7	63.7	69.2	73.7	61.8	77.1	65.5	72.5	66.9	71.1	73.2
4.0	4	70.17	53.7	61.7	64.1	60.4	60.5	64	71.3	73.3	61.7	69.4	68.9	66.3	61.8	61.1	66.3	74.3	72.7	65.2	68.4	67.7	70.8	69.3	71.3	72.6	65.9	72.5	67.2	65.7	68
4.0	15	72.71	65.3	68.3	76.3	64.8	64.1	60.5	68.8	76.1	66.3	74.5	71.3	70.6	56.7	58.2	72.7	60.1	50.4	59.9	69	69.2	70.6	70.3	64.1	73.4	63.7	72.8	66.2	62.2	64.5
4.0	17	70.54	69	59.2	68	70.5	58.8	64.9	72.1	61	73.5	60.5	73.4	67.8	64.3	56.5	76.8	64.9	58.1	66.5	67.3	62	71.5	75.2	62.5	70.9	70	70.1	58.9	67.2	66.9
4.0	8	71.08	68.4	64.4	64.8	66	55	62.9	72.5	74	61.6	70.2	68.9	66.2	71.6	64.5	73.5	46.2	68.2	51.8	68.5	72	65.4	67.7	65.4	77	66.6	57.8	61.6	70.3	77.1
4.0	10	71.58	68.5	62.6	72.1	71.1	51.3	66.7	61.2	78.5	55.1	73.4	70.2	48.5	69.4	67.9	64	56.3	71.3	68.9	61.2	73.1	68.8	71.2	61	75.8	61.9	66.2	61.5	71.8	68.5
4.0	16	75	66.5	61.6	72.6	66.7	57.3	64.2	70.9	59.8	70.3	68.5	73	68.1	61.3	57.3	70.1	56.5	53.9	64.3	66.9	72.5	71.7	77	56	72.7	68.1	71.4	56	62.7	64.8
4.0	7	72.13	65.1	60.4	61.4	63.9	54.7	71.5	66.9	73.5	60.6	69.3	65	73.8	58.1	68	65.9	50.8	67.1	49.2	68.2	63.7	64.4	65.8	72.4	74.2	71.1	58.9	67.1	72.7	71.2
4.0	6	72.96	58.8	59.6	66.8	62.9	57.5	70.9	60.5	74.3	57.5	69.4	59.5	73.4	62	66.9	65.9	55.7	66.5	65.5	68.5	56.9	67.5	59.8	72.2	72.9	65.4	67.3	64.2	73.5	69.6
4.0	5	71.29	59.8	65.7	63	61.7	65.7	68.4	59.8	74.2	55	69.4	61.9	67.1	57.7	62	62	63.4	69.3	67.3	70.3	60.4	70	57.1	72.8	69.8	66.3	76.9	59.6	66	69.4
4.0	3	63.75	52.8	52.8	60.8	59.3	56.3	61.8	75.9	70.5	72.6	63.8	70.5	59.3	60.2	56.5	73.7	71.8	71.5	69.8	65.7	64.8	71	62.2	67	71	63.3	69.8	70.1	58.6	62.8
4.0	1	57.21	57.1	66.1	53.5	59.9	57	57.8	72.9	70.7	71	60.8	68.5	52	53.1	64	66.1	69.2	70.1	66.4	62.8	61.6	74.9	70.5	61.4	74.4	73	70.4	63.3	52.3	60.7
4.0	2	60.29	53	56.7	55.1	58	55.2	57.2	73	73.7	72	56.5	67	56.9	55.4	59.3	74.1	69.3	70.6	68.2	62.7	65.3	75.9	65.8	62.3	71.7	68.4	68	66.5	57.4	60
5.0	31	80.33	75	78.7	77.3	80.1	76.4	73.7	79.3	77.4	76.9	78.9	77.5	80.2	80.8	74.6	79.5	77.1	81.3	78.8	77.3	83.5	77.8	80.6	79	76.7	79.3	80.7	79.2	81.9	82.2
5.0	30	80.96	73.8	76.6	75.6	80	80.8	75.1	79.9	78.1	78.7	76.2	74	76.5	81.7	76.9	79	77.3	79.5	75.8	77.3	83.8	82	79.6	78.2	81.4	81.7	81	78.5	81.2	78.4
5.0	24	77.83	76.5	73.6	74.3	79.5	82	75.5	80.6	79	82.5	72.5	74.1	73.2	77.3	83.8	78.8	76.8	81.9	76.1	82.1	80	80.5	80.7	82.2	81.5	76.4	72.5	77.5	82.2	79.4
5.0	29	78.5	73.2	74.8	73.3	78.3	75.6	74.6	80.2	73.6	84.1	75.8	78.1	73.7	78.8	77.2	79.8	79	79.3	77.4	77.3	81.7	81.7	79.6	78.8	79.5	82.8	82	77.7	84.6	76.9
5.0	28	79.21	72.3	76.8	76.5	79	73.9	72.7	79	76.6	84.5	74.3	78.4	73.3	79.9	75.2	81.8	78.3	79.7	75.5	77.2	79.5	79.5	78.7	79.1	79.7	81.2	81.6	77.5	85.6	78.9
5.0	25	79.79	74.5	76	74.1	77.4	82.1	72.3	79.6	79	84	74.3	76.2	76.5	79.5	75.3	77.4	76.7	81.1	74.7	77.3	79.8	84	74.3	81	81.5	78.5	70.8	79.8	82.7	77.6
5.0	27	76.08	73.8	77.5	75.7	79.6	80.7	79.1	77.2	72.9	81.7	75.9	78.4	74.9	78.9	73.3	79.7	76.1	78.1	74.2	80.3	78.3	84.8	76.4	78.5	76.8	78.6	76.3	75.1	84.5	76.6
5.0	26	78.17	76	75.5	76.1	77.9	79.4	76.8	78.6	75.3	82.3	75	77.5	74.3	79	72.1	76.3	75.4	78	73	77.6	78.3	85.6	74.3	79.3	77.5	78.9	71.5	76.8	84.1	74.5
5.0	23	79.46	74.6	68.3	72.4	75.5	83.3	72.5	80.6	75.6	81.4	71.1	70.5	69.6	76.4	78.6	79	76.5	77.4	76.9	82.5	80	77	81.2	80.9	79.4	73.8	77	76.5	82.8	77.2
5.0	22	79.25	77.1	65.5	68	73.6	83.6	74	80	74.9	77	75.8	66.4	69.9	77.4	73.7	76.2	76.5	78.1	74.9	81.4	79	75.9	78.3	80.6	77.9	75.8	77.1	76.2	80.7	80.7
5.0	21	77.29	73.2	68.3	63.9	73.1	77.8	76.3	82.8	75.7	75.9	76.1	65.8	74.3	77.1	75.3	78.5	73	80.3	73.3	80	75.1	75.3	79.5	77.5	82.3	75.9	76.2	76.3	79	76.8

5.0	17	77	77.1	76	77.8	79.6	75.6	71.5	80.7	72.9	78	78.3	77.5	77.8	75.8	74.3	66.5	76	73.1	74.3	78.8	64.3	75.1	73.9	68.6	79.7	77.8	78.6	74.4	75.1	80.1
5.0	13	75.75	73.9	74.6	79.4	78.3	70.2	70.3	76.6	75	80.8	74.6	77.8	72.2	74.7	75.3	68.5	77.4	69.3	76.5	77.3	76.8	72.8	67.7	79	82.2	79.5	74.4	80	74.6	73.9
5.0	19	76.83	76.4	71.5	69.2	80.7	78.8	72.5	81	78.8	77.4	72.8	60.9	74.3	73.3	74.8	77.1	71.3	75	62.5	78.3	69.1	76	77.3	74.8	80.1	80.5	79.7	79	79.1	78.9
5.0	11	72.71	70.2	71.1	75.4	72.8	75.1	64.2	75.2	71.6	78	71.5	79.9	80.5	75.5	75.6	69	77.5	81.5	81.4	74.3	79.7	71.5	71.7	78.2	78.4	76.2	75.5	78.7	78.1	70.9
5.0	20	73.17	74.8	72.5	64.9	73.2	79.6	77.5	80.7	77.9	77.7	73.7	63	73.2	75.9	75.9	78.4	71.2	76	70.7	78.7	74.2	73	80	76.8	81.4	71.8	80.4	75.2	78.1	71.6
5.0	18	77.38	76.8	75.3	73.6	78	77.7	73	82.1	73.8	77.7	74.3	73.9	78.7	75.7	74.8	70.4	73	72	64.3	76.5	63.2	75.3	73.5	71.8	78.8	77.7	80.2	75.9	78.1	76.8
5.0	10	75.17	67.5	74.2	75.4	71.8	75	66.3	79.4	74	76.8	72.3	80.5	78.2	73	70.8	74.3	77	81.5	78.2	71.1	80.6	71.2	71	75.7	80	75	75.5	77.8	75.6	70.9
5.0	14	76.04	73.7	70.5	77.8	83.2	73.2	69.9	79.3	75.5	78.5	71.6	68.5	75.1	76	73.2	72.5	76.4	72.3	74.8	76.3	72.8	73.3	66	78.7	77.1	77.5	75.1	74	72.8	76.2
5.0	16	75.38	74.9	75.2	77.6	80.9	74.4	71.5	78.6	72.7	77.6	76.9	74.7	78.5	76.7	70	65	74.1	74.2	75.9	75.3	64	73.5	71.3	65.8	77.9	77.5	79.6	73.8	74.1	79.6
5.0	12	74.25	72.2	70.8	77.4	71.9	73.7	64.3	74.3	70.3	79.7	73.4	79.1	77.9	74.2	74.3	65.6	74.6	70.9	75.5	76.5	79.9	75.8	73.5	77.8	81	77.5	74.3	82.2	74	70
5.0	9	77.83	64.7	76	74	77.3	74	73.3	75.9	73.8	73.8	71	79.9	79	74	67.8	73.8	74.6	81	74.7	69.9	80.1	73.9	71.4	75.8	81.4	71.1	72.8	74.8	78.1	69.5
5.0	15	74.58	74	73.4	73.6	80.7	72.9	72.6	80.9	70.8	76.2	72.9	72.2	74.3	75.5	72.2	71.5	75.1	72.6	76	76.2	67.7	74.3	70.2	69.6	77.2	75.5	76.3	74.4	71.2	77.3
5.0	8	77.83	57	77	74.6	75.9	75	70.3	81	72.7	74.2	72.6	80.6	78.2	76.4	68	73.9	68.4	74.2	76.7	78.9	74.4	75.4	68.3	76.3	76.7	72.3	70.6	73.7	78	64
5.0	4	75.46	73.8	74.5	70.8	72.4	73.8	65	75.3	69.5	75	72.2	81.8	75.3	62.1	68.7	73.3	73.5	71.5	74.3	74.3	68	77.3	64.3	70.4	72.8	73.5	70.4	74.3	74.9	72.3
5.0	6	70.71	61.1	74.1	67.3	72.3	76.9	65.8	70	77.4	74.6	74.3	75.5	78.7	73.6	64.2	75.1	77	71	76.6	77.7	71.3	74.5	59.8	74.4	76.5	64.5	63.9	78	75.8	74.9
5.0	3	73.33	74.4	70.8	71.2	65.3	71.6	73.3	74.1	66.2	73.1	74.2	80.3	72.5	67.1	66.3	72.5	74	68.9	73.3	77.8	75.6	76.8	68.9	67	69.4	77.3	72.1	72.8	76.5	69.7
5.0	7	72.79	54.8	74.6	69.8	72.7	76.7	68.2	77.4	70.6	73.7	69.8	78.3	78.9	76.1	66.6	72	68.1	72.4	75.9	76.5	69.4	74.8	66.6	73.2	75.5	67.6	69.9	74.9	76.2	63.7
5.0	5	76.63	71.4	72.5	66.8	77.7	77.9	62.5	70.5	73.6	74.4	70.7	80.2	76.2	66.3	64.6	72.3	75.7	69.7	76.2	74.8	66.7	76	61.7	74	75	66.7	61.2	74.5	75.4	76
5.0	2	73.25	73	71.7	71.5	72.2	66.3	72.1	69.8	66.5	70	70.9	79.4	75.5	73.5	65	68	73.3	69.8	73.1	77	75	78	70.6	62.3	66.6	77.3	71.2	72.5	75.5	69.4
5.0	1	72	71.3	68.1	74.1	72.1	60.9	69.2	72.9	62.4	67.5	70.6	78.2	72.9	74.8	66.3	67.5	73.3	67.4	71.4	75	73.1	79	69.8	64.7	67	78.3	75.6	71.8	77.7	65.1
6.0	21	80.29	81.2	78.8	79.9	74.8	80.3	75.8	83.9	78.5	80.9	79.4	76.3	79	79.9	79.3	82.9	82.2	80.4	89.4	78.8	85.3	81.4	78.9	81.3	83.4	81.4	79.3	86.4	86	81.4
6.0	24	78.21	78.6	79	76.6	79.1	86.7	76.3	84.3	76	79.8	77.1	76.2	80.7	79.8	79.8	84	81.3	81.4	83.4	85.3	78.9	75.4	79.8	79.8	81.4	84.5	82.9	83.6	84.6	79.7
6.0	22	81.42	80.4	80.5	76.7	78.1	79.7	77.2	84.8	78.8	81.8	74.3	76.6	80.8	77.7	80.6	81.2	83	76.7	89.1	81.5	84.9	82.5	79.2	80.6	80.2	81	81.7	82	82.2	79.3
6.0	20	79.71	82	80.7	77.8	72	78.2	74.6	82.6	77.6	83.5	77.4	80	75.9	80.5	79.4	81.1	79.5	80.3	88.8	80.2	84.8	81.2	79.3	82.4	84.4	81	74.9	87.4	83.2	81.4
6.0	17	77.17	81.1	82.1	76.8	78.4	75.3	82.5	85.5	79.9	78.5	80.3	77.5	76.5	81.1	80.8	80.4	80.6	80.5	87	84.3	81.4	78	82.7	82.1	83.3	80.6	77.9	82.1	78.6	74.8
6.0	19	79.63	81.2	80.7	75.9	73.4	76.8	75.3	87.2	77.4	80.7	78.4	77.4	76.5	81.4	78.8	78.8	79.1	79.8	87.8	80.8	84.1	80.7	83.3	80	83.8	81.5	78.5	86.2	78.5	81.3
6.0	4	83.96	79.3	80.6	77.6	76.3	74	74.6	85.5	82.6	84.9	80.6	82.9	76.5	79.3	77.5	78.3	80.6	81.3	74.1	83.3	81.3	83	78.8	78	79.3	83.6	76.6	83.7	85.4	79.5
6.0	25	77.5	80.5	75.1	74.9	80.3	86.1	75.2	82.1	76.4	79.9	76.6	76.8	79.7	79.8	77.3	83.1	80	80	83.4	82.8	80.9	74.7	80.3	82	83.2	86.2	78.2	83.2	85.5	80.9
6.0	30	82.42	74.1	77	82	79.9	81.4	77.8	88.3	77.7	81	74.8	79.7	80.2	78.6	80.1	82.8	78.1	73	82.6	80.8	79.3	84.5	78.3	87	77.5	77.2	81.3	80.5	81	82.9
6.0	16	79.83	80.4	83.3	76.1	77.7	77	77.8	85.5	78.8	81.5	77.4	77.2	77.8	80.6	84	80.7	80.8	77.8	84.3	85	79	78.8	81.5	80	84	80.7	79.3	77.9	81.6	75.1
6.0	23	78.75	78.8	78.8	75	78.3	82.8	78.9	80.6	77.8	77.9	76.5	77	79.7	79.5	82.4	82.1	81.8	76.8	86	84.8	81.8	80.5	80.2	76.8	79.7	82.8	82.6	84	82.3	76.4
6.0	15	81.71	74.4	81.2	80.5	73.8	78.1	80.7	86.3	78.8	82.2	80.2	79.1	80.3	75.1	83.4	80.2	79.5	75.7	81.8	85	83.9	78.8	84	77.9	84.1	80.7	76.3	77.3	81	78.2
6.0	28	80.75	77.6	79.8	82.7	79.1	80.5	79.8	84.8	78.7	78.1	77.8	78.8	77.3	76	77.7	75.8	79.3	76.8	83.8	82.5	78.4	78.6	81.2	85.4	80.4	83.2	77.3	81.7	82.4	83.2
6.0	27	76.79	79.7	78.3	83.1	80.1	81	76.6	83.5	76.8	78.3	76.3	78.8	78.6	77.5	81	77.8	80.6	76.5	83.1	84.3	78.5	78	83.5	84	82.3	82	77.7	81.7	80.4	82.4
6.0	13	79.08	76.5	81.5	80.6	70.6	80	75.7	86.6	78.8	81	79.8	84.2	75.7	81.7	79.2	71.7	78.4	77.3	82.3	85.6	84.4	81	86.5	80	82.8	86.1	77.5	77.6	78.2	78.6
6.0	12	75.83	77.3	79.5	77.8	77.1	79	76.5	84.6	75.9	80.3	80.5	82	80.4	80.9	81.7	74.7	78.8	77.7	83.3	86.7	82.4	82.7	84.4	79.9	81.8	81.2	76.9	79.1	78.3	80.3
6.0	14	81.04	75	79.9	82.1	70.8	79.1	82.1	85.8	79.1	81.6	76.5	81.3	77.4	76.4	80.9	77.8	76.9	78.3	80.9	81.9	88.8	76.5	86.4	78.9	83.8	85.7	77.5	75.1	79.2	80.3
6.0	18	76.79	80.5	81.2	75.5	76.7	76.1	78.1	86.4	79.9	80.2	79.1	74.9	75.5	81.4	77.5	77.4	80.2	81.8	86.7	80.5	82.1	78	82.7	83.5	83.3	80.1	81.2	83.9	78	77.7
6.0	29	80.29	75	78.7	82.2	78.8	83.2	77.3	86.5	81.2	77.7	75.7	80.4	75.9	77.2	77.4	80.6	81.5	75.5	79.1	82.2	81.6	82.6	76	87.3	80.3	80.8	78.3	81.5	78.4	82.6
6.0	26	74.83	79.8	77.1	79	81.2	82.8	77.7	82.1	80.1	78.6	77.2	76.8	79.3	76.7	77.8	80	81.6	76.6	83	82.1	78.9	77.6	82.5	79.6	80.4	82.6	79.4	81.3	84.5	82.1
6.0	10	78.71	79.1	79.8	76.3	80.2	76	76	83.4	77.3	80.2	77.6	79.1	79.6	80.5	75.8	81.5	85.5	77.9	82	82.8	83.2	78.4	80.6	82	76.6	83.5	78	75.6	79.5	79.7
6.0	11	77.38	78.1	80.7	77.5	78	79.1	75.5	84.3	76.8	78	73.3	80.8	79.8	80.6	78	79.8	83.2	79.3	83	84.8	82.8	81.5	81.4	79.9	77	79.5	76.6	76.3	78	80.2
6.0	9	77.21	76.8	81.6	82.5	85.5	78.2	72.7	79.4	79.1	82	76.5	78.5	79.3	77.7	77.3	82.6	82.9	81.3	82.1	82.4	81.2	73.3	78.8	81.8	75.5	85.1	74.3	76.6	78.4	78
6.0	3	79.88	72.1	75.6	78.2	79.1	72.3	72.4	85.5	82.4	85.8	82	82.1	73.3	73.6	78	78.1	74.7	79.3	73.4	78.3	84.5	79	80.5	77.3	78.5	83.4	78.4	84	83.9	77.5
6.0	8	73.79	77.6	80	80	83.3	74.4	72.5	78.4	79.9	80.2	77.3	76	78.3	76.6	79.3	78.6	79.4	83.3	80	82.4	82.7	74.3	80.3	79.1	79.9	83.2	72.1	77.1	76.7	82.8
6.0	5	78.63	79.9	81.7	76.7	74.3	76.8	66.6	83.7	77.3	81	80.5	82.4	75.4	78.1	77.8	78.1	75.8	81.9	73.8	80	82	81.1	77.4	79.8	82.5	79.3	77.6	76.2	84	78.1
6.0	2	76.29	73.5	78.1	78.8	78.3	74	72.6	87.9	78.8	82.8	79.4	84.1	77.3	73.8	76.8	77.4	68.6	83.2	78.5	78.1	83.8	77.2	82.1	77.5	75.4	82.5	79	78.6	81.9	80.3

6.0	7	69.79	81	83.1	75	82.9	77.2	69.8	79	76.9	78.5	79.8	77.9	73.9	75.1	78.8	74	79.9	84.4	79.1	84.1	82.5	77.4	80	79.8	79.4	81.6	74.9	79.7	78.6	75.6
6.0	1	78.5	71.1	75	78.5	80.5	75	73.3	84.8	76.6	81.1	73.5	79.5	78.6	76.5	75.4	78.3	74.3	83	81.6	76.2	86.4	76.6	80.2	76.8	75.7	80.7	80.5	80.3	80.6	79.8
6.0	6	76	78.8	83.8	74.5	81.4	78.7	70.3	79.2	79	81.1	78.7	78.5	74.3	76.8	78.7	77.3	79.5	83.9	76.1	81.8	84.9	78.1	72.8	83	81	77	74.3	75.8	78.3	75.3
7.0	28	81.04	81.6	84.3	76.4	78	82.1	81	80.8	83.1	80.6	80.5	78.2	80.3	80.9	84	83	84.9	81.9	78.9	88	80.8	81.7	80	85.5	88	84.5	82.5	81.7	82.5	77.2
7.0	12	85.54	83.6	78.7	78.8	82.7	81.6	81.6	85.8	79.1	81.6	80.8	81.3	78.4	84.9	82.8	80.3	87.3	80.6	81.6	83.6	83	78	76.9	80.8	88	81.5	80.3	82.7	77.9	82.9
7.0	11	76.88	84.8	76	78.9	80.5	83.2	83.8	88.2	80.3	83.1	81.1	80.9	81.4	84.6	83.3	81.7	84.8	78.8	79.4	85.6	80.8	79.9	76.7	80.2	87.6	81.7	78.6	83.8	80.6	85.1
7.0	27	78.54	82.3	84.9	76	81.2	81.8	82	81	82.2	81.3	81.7	80.5	79.8	79.2	85.1	85.1	82.3	80.6	79.6	85.5	79.4	78.5	79.8	86	84.6	83.6	82.8	79.4	81.3	80.5
7.0	20	81.25	78.5	82.4	77	82.4	82.8	79.1	78.3	82	82.9	81.8	80.6	79.6	81.7	81.3	82.9	87.8	84.5	77.3	83.2	83.9	79.3	76.3	78.2	85.4	85.3	84.1	79.8	79.3	85.5
7.0	18	76.96	80.6	83.1	79.7	81.8	83	75.7	81.2	78	89.1	80.2	88.7	77.1	76.6	82.9	81.2	84.2	83.1	77.8	81.1	82.2	78.2	82.4	81	87	81.8	79.6	80.8	83.4	85.6
7.0	19	81.21	79.2	84.3	79.6	83.6	82.8	75.4	80.3	78.3	87.7	80.4	86	79.1	81.1	82.7	80.9	85.4	84.8	76.1	79	82.5	78.5	77.9	77.2	84.6	84.9	82.4	79	79.3	85.3
7.0	2	82.88	82.5	80.8	78.7	80	84.5	83.5	85.1	79.8	81.6	78.9	82.8	75.9	77.5	80.2	82.2	78	79.1	81.4	78.4	83.3	83.3	77.5	86.8	78.6	83.7	83.6	80.2	85.3	82.8
7.0	3	80.79	83.3	81.3	77.5	81.8	82.5	86.9	84.5	80.9	82.1	77.5	79	77.5	77.7	80.5	83	76.9	77.2	83.7	80.7	82.5	81	75	82.9	83.9	82.4	84.8	83.7	85	80.1
7.0	26	76.46	81.6	85	76.4	82	79.5	80.8	82.3	82.7	78.1	79.7	79.6	77.4	82.8	85.1	83.7	79.8	79.9	79.5	84	79.5	78.6	83	82.9	85	82.9	81.9	82.8	81.2	82.1
7.0	15	79.5	76.2	80.3	80.9	82.2	81.3	81	83.3	79.5	87.4	79.6	82.5	78.8	79.5	78.8	83.8	81.8	81.2	82.9	81.5	79.2	83.8	80.3	79.8	85.1	77.6	78.8	81.4	84.2	82.8
7.0	29	77.88	82.2	85.9	76.4	79.1	80.1	79.9	79.6	84.4	78.2	80.3	76.7	76.8	81.9	82	79.9	83.4	81	79.2	87	82.9	81.2	81.3	81.8	86.6	85.2	82	80.6	81.2	79.3
7.0	17	76.04	78.5	84.7	81.9	81	81.9	76.3	80.8	78.5	88.8	82.1	86.4	76.1	78.3	79.3	80.3	81	83.6	80.9	79	78	79.4	83.5	82	85.5	81.7	79.4	80.6	83.3	85
7.0	21	81.71	78.5	80.1	77.3	82	84.9	79	80.6	83.9	80.7	80	78.4	79	81	83.2	82.5	81.3	84.3	76.3	85.5	82.9	81.8	79.7	77.7	86.5	83.4	80.6	79.3	80.8	79.8
7.0	10	79.71	84.4	77.5	79.5	82.2	85.2	82.7	84.5	77.5	85.5	79	79.8	81.8	83	76.4	79.1	81.5	81.4	79.4	80.5	82.3	79.5	78.2	78.5	84.8	82.9	77.3	83.5	81	83.8
7.0	16	77.46	75.5	81.8	82.7	85.1	78.9	81.5	83.3	78.7	87.3	80.5	85.6	77.3	76	78.8	82.1	81.3	82.3	80.2	82	77	84.8	82.3	80.2	82.9	79.8	78.4	80.1	84.4	84
7.0	30	79	78.5	83.6	74.6	81.9	81.1	80	79.5	86.4	80.8	81	78	75.8	83.3	76.4	77.4	80.6	81.5	82.4	89.1	86.7	81.8	81.8	80	81.8	82.8	81.2	80.2	81.3	82.5
7.0	8	78.63	83.7	79.3	80.3	81.5	79.2	77.1	85.8	80.5	84.8	82.4	78.5	81.2	76.3	83.3	78.8	83.8	78.3	79.3	84	79.3	82.8	79.9	82.8	82.3	86.9	79.8	78.7	80.2	81
7.0	13	84.83	82.2	78.4	78.1	79.9	77.2	81.1	78.5	74.3	78.9	82.8	79.2	78	82.4	81.9	82.1	82.9	79.6	81.8	81.4	84.6	82.1	75.3	81	85.4	83.6	80.8	84.1	81.5	83.6
7.0	22	82.46	80	78.2	78.8	80.5	85.1	81.1	78.6	85.9	79.7	82.2	77.5	75	81.3	84.6	81.1	78.2	82.8	78.3	85.5	83.8	81.5	75.5	81	85.3	82.3	79.9	83.6	79.3	78.7
7.0	9	80.96	82.9	81.3	81	80.9	82.3	80.2	80.5	79	83.8	84.8	77.7	81.5	79.1	78.4	76.8	81.4	78.9	78.4	85	80.8	81.8	81.9	80.9	79.9	86	78.6	80.1	80.2	82.4
7.0	14	82.71	77.8	78.2	77.8	80.3	78.9	81.5	78.8	78.3	81.7	81.3	81.1	76.9	83.2	79.5	82	81.1	79.6	82.2	82	82	83.2	80.1	83.1	83.2	83.1	79.8	80.6	83.8	83.1
7.0	5	78.71	83.2	82.7	78.8	82.1	75.9	78	87.8	81.6	83.9	80.7	77.3	79.9	82	82.8	82.9	82.3	79.6	80.8	78.5	83.7	81.8	78.2	80.3	75.9	85.1	81.2	81.6	81.3	78.4
7.0	7	77.21	84.7	78.5	76.9	83.3	77.3	76.8	85.1	77.6	89.9	82.6	83	80.4	81.2	83.4	77.8	83.1	77	77.4	81.8	80.3	79.8	79.6	80.7	83.7	84.6	81.5	78.6	80	77.9
7.0	4	81.58	83.7	79.8	78.2	78.8	80.5	87.2	82.1	79.6	81.5	79.5	77.1	75.8	78.4	82.1	83.5	79.2	79	82.4	80	82	77.9	74.5	80.9	79.5	85	84.3	80.3	84.9	77.5
7.0	1	82.58	77.9	79.8	81.1	80.2	83	78.3	85	79	80.8	76.5	80.1	78.8	77.7	81.2	82.3	77.9	78.1	84.2	76.5	81.1	85.6	78.8	86.2	80.3	79.9	83.4	77	84.7	78.3
7.0	31	78.63	79.3	81.9	74.6	83	79.2	77.3	82.1	87.2	80.1	76.6	79.8	77.2	83.9	76.5	79.3	80	80.5	79.6	84.5	86.6	76.9	80.1	80	84.3	82.8	80.6	78.5	82.7	81.2
7.0	24	83.25	80.6	81.8	78.7	80.2	77.7	83.1	78.3	83.3	78.2	75.7	76	76.9	83.2	85.6	78.6	78.3	80.4	80.4	86	83.3	82.8	76.7	80.2	82	83.9	81	78.6	78.9	81
7.0	23	84	79.5	81.6	76.6	80.5	81	82.5	78.1	84.3	76.5	83.1	76.3	75.9	83.5	83.3	78.7	79.8	77.3	79.9	86.4	82.4	80.6	78.6	80.2	82	84	78.3	82.2	77.9	78.4
7.0	6	75.96	84.2	81.2	74.7	84	76	77.5	87.3	82.7	88.3	78.5	80.9	78.8	80.5	81.7	81.4	83.6	77.3	77.4	79.4	81.8	83.6	76.9	80.2	79.2	82.5	81.7	80.3	77.5	78.6
7.0	25	75.88	79.8	83.8	80	83	77.2	82.3	78.3	79.2	76	78.6	77.8	76.1	81.2	83.8	78.6	79.2	81.9	79.6	83.7	81.8	82.1	79	81.4	82.7	83.7	81.9	80.9	79.8	82.8
8.0	6	82.42	80.8	81.2	79.6	81.5	77	82	82.8	84.2	83	74.5	82.8	78.7	84.3	75.6	84.1	85.6	84	80.8	84.2	85	78.4	85.3	86.1	80.8	82.3	79	80.5	80.4	82.5
8.0	24	77.21	80	84.8	81.1	81.3	76	80.4	81.2	81.2	83.2	80	84	81.3	80.8	81.7	78.8	82	80.1	74.5	82.7	84.8	78.9	78.4	86.8	84	85.5	84.5	81	84.6	81.7
8.0	25	77	83.3	84.9	79.5	79.5	75.2	80.1	82	79.8	78.1	81.8	81.6	83.5	82.3	84.3	78.4	80.6	80.4	76.6	81.9	85.3	80.4	79.8	84.3	85.4	84	83.4	81.1	80.9	84.2
8.0	28	81.38	78.7	80.4	79.9	83.9	76.5	79.9	84.6	84	82.4	80.1	77.5	78.1	81.8	83.8	83.5	84	81.9	79.5	78.7	84	82.4	81.4	80.9	79.6	85.6	80.3	79.6	81	81.5
8.0	18	81.79	77.7	84.3	77.3	83.5	80.2	83.5	80.1	82.2	85.5	80.4	80.4	79.6	81.5	85	84	81.3	77.4	80.8	82.5	81.8	79.6	77.3	80.6	79.4	84.6	86	80.2	78.2	79.3
8.0	26	79.08	79.6	80.8	80.3	82.1	76.6	77.3	84.2	82.3	81.3	81.8	80	81.4	82.6	81.7	81.8	78.8	81	77.8	80.6	87.3	81	80.3	83	81.1	84.8	81.2	82	78.5	84.9
8.0	17	80.08	76	82.9	78.8	83.5	80.2	81.7	80.8	83.4	84.2	81.5	82.4	77.7	80.4	83.6	82.7	83.5	77.3	79.3	85.2	83.3	78.3	74.8	81.5	78.9	85.4	85.5	79.9	79.6	82.6
8.0	5	81.63	77.5	79	79.7	81	77.3	82.1	83.6	83.9	82.9	74.2	77.5	79	83.9	77.6	80.1	84.3	81.8	80.2	83.6	86.5	79.5	84.2	85	81.4	79.6	78.4	83.5	79.5	83
8.0	27	80	78.1	79	79.2	84.1	78.6	78.6	85.5	82.2	80.9	81.7	77.1	81.7	82.2	83.1	84.6	79	81.4	74.8	78.5	89.4	80.3	81.2	82.8	80.2	83	82	80.3	77.2	83.8
8.0	16	79.79	76.4	83.8	78.9	84.9	79.4	79.7	78.8	81.8	83.8	80.1	81.7	79.4	77.1	82.5	79.9	84.9	76.5	78.2	83.2	80.4	80.7	77.7	84.2	81.5	85.3	83.4	79.9	81.5	84.3
8.0	7	83.17	79.2	83	75.5	82.7	78.5	79.6	77.9	82.9	84	76.5	83.2	75.3	79.9	77	84.6	85.1	81	82.6	81.9	82.4	78.8	82.7	81.5	83	81.2	80.7	81.6	82.8	80.9
8.0	11	80.08	79.5	80.9	78	82.5	80.1	80.3	83.5	84.1	79.8	77.7	80.8	77.1	76.5	78.2	84.4	83	79.3	83.2	82.4	84.6	77.5	82.5	80.4	84.3	82.3	83.3	81.3	84.8	76.7
8.0	15	77.5	76.7	83.8	76	87.9	78.3	80	80.7	78.7	83.3	81.2	81.7	79	77.5	81.3	81.1	86.4	80.3	77.8	80.8	85.1	78.9	80.2	83.7	82.4	83.1	81.4	79.1	82.2	82.3

8.0	8	83.79	79.8	82.3	77.6	80.7	78.9	77.7	78.5	80.2	84.5	77.5	79.8	80.1	80.2	78.8	81.1	86	80.2	82.1	84.1	80.4	79.3	81.1	83.7	82	81	79.3	82.5	83	81.7
8.0	19	79.13	74.9	82.7	77.8	83.3	81	83.4	78.4	81.4	85.1	78.3	79.7	78.9	81.5	86	84.2	83	80.2	80.4	81.7	83.2	78.2	79.6	79.8	82.2	84.3	83.3	79.2	79.3	77
8.0	9	78.54	78.3	81.9	76.7	81.4	79.5	77	78.4	81.5	84.8	81	77.5	77.9	80.3	79.7	81.9	84.5	80.9	82.8	86.4	81.7	77.7	81.7	83	84	80.8	79.5	79.7	84.3	83.5
8.0	10	78.88	80.1	82.5	80.3	81.3	77.6	77.8	81.4	80.5	81.9	77.9	79.3	78.5	76.7	79.8	83.8	85.9	79.2	84	84	82.8	77.4	82.4	79.7	86.4	78.7	81.9	80.6	83.9	80.9
8.0	12	78.46	77.6	81.2	77.7	80.5	78.4	82	84.2	86.6	81.2	76.9	79.1	75.4	75.3	81.4	83.1	80.3	74.9	81.2	79.7	83	83.3	84.6	83.4	84.6	83.2	81.9	82.9	83.8	79.8
8.0	13	78.29	74.6	79.5	78.5	81.3	79.8	82.3	84	83.4	81.7	80.3	79.2	77.4	75	83.5	80.5	83.2	76.8	77.8	82.1	82.9	81.2	82.1	80.2	86.2	83.5	81.8	80.5	84	81.7
8.0	3	78.71	78.4	79.5	79	80.3	77.6	78.6	80.8	85.2	78.3	77.4	80.2	78.3	84.2	77.8	81.8	78.3	81.5	79.9	85	86.5	81.1	81.7	82.3	85.2	84.5	76	78.8	79.7	85.2
8.0	29	81.58	76.5	80	79	82.3	76.4	80	82.3	84.3	85.4	80.2	77.8	80.6	78.6	82.1	82.8	83.5	83.4	80.9	80.2	82.8	79.1	82.5	79.4	77.6	85.5	78.1	75.6	83.8	78.6
8.0	23	77.33	79.9	82.3	79.7	81.4	80.9	74.8	81.3	80.7	82.5	80.6	83.4	77	78.1	81	81.2	84.4	76.4	76.4	82.6	84.1	75.2	77.9	88.3	82.7	85	84.4	80.5	83.6	76.2
8.0	30	80.08	74.5	78.9	79.8	81.4	75.5	82.6	84.9	83.8	81.2	80.6	77.4	80.4	76.5	86.3	81.4	81	81.8	80.2	80.4	82.4	81.2	83	83.1	81.8	84.5	79.8	75.3	81.5	78.3
8.0	21	77.21	76.9	83.9	78.2	82.4	81.7	80.5	80	81.5	78.6	79.5	81.6	78.6	77.5	83.9	82.5	85.9	80.2	77.7	82.6	82.9	75.6	79.2	85	84.3	80.8	81.3	79.1	81.7	78
8.0	4	80.38	78.1	79.3	77.9	81.5	80.5	79.6	82.2	83.8	77.6	78	77	78.5	79.9	77.5	80.5	82.2	81.5	79.9	81.5	87	82.1	85.4	82.5	83.2	79	76.3	80.6	81.8	82.8
8.0	20	81.33	76.9	80.9	75.8	80.3	82.3	82.3	81.3	80.2	79.6	79.1	78.7	78.6	79.3	85.3	83.1	85.1	79.4	81.7	82.2	84	73.6	78.9	82.7	81.6	82.5	83.4	79.2	81.5	76
8.0	2	77.46	80	78.1	80.5	81.2	76.3	76.1	81.3	86	77.5	77.8	79.3	78.6	83.9	76	82.7	79.4	79.6	80	85.1	84.1	82.4	82.9	83.8	83.5	81.2	82.5	74.4	79	84.8
8.0	14	77.54	75.8	79.6	76.5	85.3	78.5	82.2	77.1	80.5	81.3	78.5	81.1	80.3	77.2	83.2	81	86.2	78.6	79.1	84	82.3	78.7	80.3	82.5	80.9	83.5	79.7	79.4	83.8	80.5
8.0	22	77.04	77.8	84.8	79.2	81.1	80.2	75.3	80.4	81.3	81.1	78.5	82.5	77.3	76.6	83	80.6	86.5	76.1	80.3	81.9	82.7	77.3	76	85.1	85.5	85	81.4	82.8	82.3	74.3
8.0	31	80.21	72.8	79.8	79.4	83	73.3	78.6	83.9	82	80.6	79.4	77	82.5	79.3	80.3	82	79.3	83.6	76.5	81	80.9	81.4	79.4	84.5	82.2	80.8	79.6	77.3	82.5	80.7
8.0	1	79.04	82.4	81.8	79.3	83.5	77.6	73.3	82	85.5	79.2	78	78.1	75	85.5	75.8	82	80.8	78.8	78.8	81	80.5	82.4	80.8	80.7	82	80.9	78.9	75.6	80.9	82.8
9.0	3	78.21	77.2	80.3	79.8	83.1	78.3	83.5	77.5	80.9	79.1	74.8	79.9	79.9	81.8	80.7	80.9	81.3	79.7	78.9	80.8	79.8	81.1	80.3	81.1	81.5	78.6	79.1	78.8	83.3	83.9
9.0	1	80.38	75.4	78.3	77.6	82.8	75.3	80.6	78.2	78	78.1	77.1	79.2	80	79.5	82.5	82.3	80	85.3	77.6	81.4	82.9	82.1	81.7	81.8	80.8	77.7	80	80.3	82.7	80
9.0	2	80.21	76.3	81.2	80.6	82.2	76	81.8	72.3	77.5	78.2	75.5	78.9	80.5	81	82	80.8	80.6	80	76.8	79.2	81.5	82.6	79	83.5	83.3	82.6	78.3	81.1	82.5	83
9.0	4	80.25	78	79.5	72.8	79	77.8	81	79.1	82.6	79.1	75.8	81.7	80.4	81.5	80.8	80.2	82.1	79.9	80.1	81.2	75.4	77.8	79.7	81.4	81.9	79.3	79.5	77.4	84.6	85.3
9.0	5	80.42	76.9	78.4	73.2	77.8	77.9	77.4	81.8	81.2	76.3	79.8	81.9	77.5	79.4	80.4	77	81.2	79.8	80.8	81.1	79.6	77.2	82.2	80.9	81.5	80.1	79.2	81	86	85.7
9.0	15	81.79	79.2	79.9	77.9	78.7	74.9	80.8	80.4	81.6	80.8	74	79.9	79.3	79.4	80.1	78	80.8	80.2	76.8	79	79.3	80.2	81.3	80	78.3	82.3	78.8	85	83.7	76.7
9.0	8	82.29	78.8	76.8	77.1	78	78.5	76.8	80	81.7	79.2	80.8	81.7	76	80.3	80.5	75.6	81.5	82.3	77.5	83.2	68.5	78.3	79.8	78.6	79.3	80	77.9	79.9	84.8	81.3
9.0	16	83.29	79.5	79.8	73.8	79.6	78	79.2	79.6	76.4	77.8	69.6	79.9	78.6	80.9	82.7	79.6	80.4	78.9	77.9	78.3	77.2	79.2	81	78.4	78.1	82.8	78.8	84.1	82.8	77.4
9.0	6	81.63	75.5	78.2	76.8	77.3	79.3	76.3	78.5	82.2	74.2	78.3	81.7	76.8	75.7	80	76.3	83.6	78.5	80.4	82	74	80.8	82.5	78.2	81.3	78.8	76.9	81.9	82	84
9.0	13	82.71	79.6	80.8	79	78.4	76.9	80.8	75.1	79.5	80.3	76.5	76.8	75.2	75.3	78.3	75.8	79.5	81	80.2	83.6	78.5	79.7	81.4	83.4	74	81	75	82.6	82.8	79.3
9.0	9	79.42	79.4	77.1	77.6	77	78.8	76.9	77.7	77.6	80.7	80.7	81.5	75.4	78.6	78	76.1	82	83.3	80	82.3	71.5	78	80.2	79.5	80.5	80.4	76.1	80	84.3	82
9.0	11	80.58	80.3	78.6	76.6	81.8	77.5	76	75.3	81.3	80.1	79.5	80.5	75.3	78.8	76	78.7	78	82.5	81	83.7	76	78.5	81.1	81.1	81.5	82.9	63.6	81.2	83.8	79.8
9.0	12	81.75	80.2	78.5	79.3	80.1	78.1	79.3	75.9	80.1	79	78.7	77.7	73.3	78	79.8	77.8	78.5	82.2	75.9	81.7	77.3	78.8	81.3	83.5	75.9	81.5	71.9	80.6	83.2	80.6
9.0	14	81.21	75.4	81	77.8	77.9	74.7	81.1	79	79.5	80.8	75	73.9	76	77.8	79.4	77.4	78.5	81.5	78.9	82.2	80	78.9	80.5	83	71.5	79.8	76.7	83.8	83	78.4
9.0	7	82.67	77.7	76.3	76.8	75.2	79.1	76.3	78.5	80.3	74.1	78.8	81.3	73.6	78.5	80.2	75.2	82.1	80.2	79.1	83.4	70.7	80.8	80.5	78.7	79.2	79.5	74.5	81.8	82	82.3
9.0	17	81.38	78.9	77.6	78.2	77.6	80.5	78.3	78.8	74.7	68.3	68.5	80.8	78.5	82.6	83.5	79.3	79.9	77.4	75.1	79.9	77.3	77.2	81.8	79.8	79.7	81.3	79.9	79.5	84.5	77.7
9.0	10	81.08	78.5	79.5	75.7	78.5	76	76.3	74.1	78.4	81.6	80.8	80.6	76.7	76.9	76.5	76.6	80.7	81.1	80.3	82.5	75.2	74.8	82.2	80.7	80.3	81.3	69.5	78.8	82.4	80.8
9.0	18	80.83	77.9	79.9	80.9	78.7	78	79.8	78.3	77	69.8	72	81.2	73.2	77.1	84.8	77.8	77.7	78.3	78.5	80.8	74.6	74.9	78.7	79.4	79.3	79.8	79	79.7	83.1	78.8
9.0	19	80.46	77.8	81.5	75.5	79.5	72.1	80.1	79.3	76.8	74.9	74.9	81.9	73	74.5	84.9	76.7	75.8	77.5	79.6	80.2	77	75.2	79.7	75.6	80.8	79	79.3	80	79.6	74.4
9.0	23	78.21	77.5	81.8	71.1	76.4	70.8	79.8	82	66.8	79.3	75.3	80.6	76.9	76.7	80.5	79.1	79.3	77.3	81.5	81.1	79	75.8	77.9	76.8	79.5	82.5	80.2	79.8	78.5	74.8
9.0	20	77.67	77.6	78.6	74.9	77.4	71.9	82.3	76.4	77.1	79.2	77.5	80.5	75.4	72.2	83.3	72	75.1	75.5	81.6	80.3	79.5	74.5	78.7	73.9	79.5	83.6	79.8	82.5	78.6	69
9.0	22	77.08	77.3	81.8	74.6	78	73.3	82.3	79	66.7	76.6	77	80.3	76.5	76.8	78.2	75.4	78.1	76.5	81.1	81.5	75.7	78.3	76	75.4	79	82.2	78.5	82.2	78	72.2
9.0	21	73.5	78.2	80.9	75.8	77.5	72.5	83.9	77.5	75.6	78	77.6	81.9	77.8	72.1	80.8	69.8	76.4	74.7	81.1	81.4	76.4	75.2	76.4	74.7	78.5	82.8	76.8	83	79.5	71
9.0	24	76.67	72.3	80.2	76.7	66.8	73.3	77.8	78	70.7	80.6	72.5	75.9	77.4	75.1	80.8	77.6	80.7	72.6	82	82.5	79.7	71.3	78.7	72.8	75.9	80.5	80.1	81.2	81.2	74.6
9.0	25	75.46	70.1	78.8	74.1	69.9	72.9	78.2	77.5	74.2	81.3	67.3	78.9	76.2	76	79.7	76.4	80.3	69	82	81	80.4	72.5	77.8	68	70.8	79.3	80.2	79.2	84.3	77.6
9.0	28	71.38	78	67.4	74.2	77.5	76.1	74.5	81.4	79	70.6	68.1	77.3	76	78.4	79.1	70.8	80	70.6	76.3	71.4	75.4	79.6	74.6	76.8	77.9	78.1	79.8	78.3	82.3	78.5
9.0	26	68.29	72.7	77.7	71	75.2	76.5	71.5	81.2	76.9	69.1	61.6	79.5	74.7	76.2	78.5	71.7	80.6	71.1	79.8	74.1	81.1	78.2	75.6	74	74.8	79.5	79.9	80.2	84.6	78.2
9.0	27	68.13	76.8	75.9	69.2	77.6	78	75.5	80.5	74.9	67	63	80	77.4	74.2	77	68	79.3	69.8	77.5	73.9	80.5	79.7	73.8	76.4	75.8	78.9	79.8	80.2	82.6	73.2
9.0	29	73.5	76.7	66.5	75.6	76.8	72.8	75.5	78.2	80.5	71.3	68.8	80	66.7	75.7	78.7	69.2	79.5	75.3	73.7	73.3	76.3	77	75.2	76	78.9	80.8	80	79.8	81.2	70.8

9.0	30	75.71	71.5	63.9	77.1	74.4	75.8	76.6	77.3	72.2	72.3	62.6	80.5	67.8	74.9	79.4	64.8	76.3	77	64.3	74.6	76.3	76.3	72.8	75.4	80.2	72.6	80.6	80.7	83	64.9
10.0	6	68.79	64.6	74.8	67.6	73.8	65.2	76.5	79	73.4	74.4	73.5	79.3	73.3	76.3	78.4	75.2	79.1	77.9	80	61.2	71.8	78.5	76.5	60.8	70.4	76.8	78.2	77.4	80.8	76
10.0	7	59.54	68.5	69.4	74.3	72.8	61.8	76.3	78.5	71.7	70.9	67.5	78.8	72.4	74.6	80.1	72.3	78.7	75.7	82.4	62.8	75.9	77.1	78.2	69.1	72.3	80.1	81.6	78.9	78	78.5
10.0	3	72.75	70.8	71	79	78.5	74.3	73.1	77.6	78.4	69.1	64.8	78.4	68.3	78.4	80.3	76.8	79.2	66.4	73.4	69.2	62.2	71.7	76.4	75.9	67.5	77.1	77.3	80.1	81.2	64.4
10.0	4	73.88	69.9	72	67.4	79	72	72.3	77.3	75.5	76.5	68	77.3	70.9	76.6	81	75.2	78.6	69.7	74.8	63.8	65.1	74.5	79	70.3	65	79.3	77.1	78.6	81.2	68
10.0	5	73.79	63.2	73.3	66	80	66	78.7	78	73.5	77.9	74.3	78.6	71.7	74	78.2	73.1	78.8	72.1	77	63	67.9	77.5	78.3	59	69.8	78.4	78.7	78	81.4	69.4
10.0	8	59.33	70.1	73.7	75	72.6	66.1	78	76.6	74.3	59	67.9	78.1	73.3	72	76.8	66.6	79.5	72.4	80.8	68.4	74.2	71.9	75.3	74.3	71.6	81.8	80.7	79.3	79.8	78.7
10.0	1	73.92	66	63.6	77.5	75.1	74.3	77.5	77.7	69.7	72.1	60.8	80.3	67.5	77.5	80.6	71.1	78.1	73.6	66.2	71.5	67.8	78.9	76.7	75.7	77.8	70.1	73.5	80.4	81.5	67.5
10.0	9	68.21	71.7	71.5	75.2	74.1	64.9	79.4	71.5	76.2	51.9	69.8	75.5	73.7	73.7	75.3	64.1	78	73.4	81.1	70.7	71.8	68.3	68.1	75.5	77.8	76.8	82.1	79.7	77.9	79.9
10.0	2	73.25	64.9	69.1	76.3	78.8	73.5	72.1	78.4	76	67.8	63	80	65.7	78.2	79.9	77	76.5	65.7	68.4	70.3	61.4	77.1	77.6	76.4	72.9	72.9	76	80.3	81	66.4
10.0	10	69.58	68.7	73.4	72.8	73.7	61.6	77.9	63.9	76.8	52.8	71	75.3	71.9	73.6	74.7	68	78.8	73	79.6	70.7	71	69.6	70.3	76.2	77.6	68.5	80.6	79.3	76.5	79.1
10.0	11	66.75	68.4	64.7	64.2	73.6	62.2	75.4	67.6	74.6	57.5	73.5	76.9	69.7	71.5	78	71.1	72.3	74	78.6	71.1	74	69.6	70.8	76.5	69	71.2	79	80	74.3	78.9
10.0	14	67.5	64	69.9	71.7	74.5	63.7	74.5	70.4	75	58.8	76.5	74.8	74.8	65.9	72.3	61.5	74.5	75.7	74.2	70.9	68.4	75.1	72.6	74.2	74.8	72	79.2	73.1	77	75.8
10.0	13	71.29	60.4	60.5	68.9	74.8	66.3	75.4	72.4	75.3	59.2	74.8	76.2	72.8	68.4	73.1	64.2	67.5	77.8	73.2	70.8	72.8	74.9	72.6	76.5	73.8	74.5	78.9	68.9	75.3	78.1
10.0	12	68.92	57.2	61.4	62.6	74.1	65.9	76.3	74.6	77.7	58	72.9	78.2	70	73	74.6	73	63.3	75	80.3	69.7	72.2	70.7	70.4	76.5	68.3	73.8	80.4	70.8	73.6	77.2
10.0	15	68.96	66.1	74.4	66.6	62.9	67.4	72.2	70.8	72.6	59.8	67	65.5	63.4	60.2	73.1	62.1	73.7	73.6	77.5	62.1	68.7	74.9	73.3	65.7	68.3	76.8	77.3	77.8	74.1	75.2
10.0	16	58.92	68.5	71.9	67.4	62.4	70	68.1	70.1	76.6	61.5	64.8	63.1	62.7	62.9	70.2	68.8	74.8	71	69.5	63.1	69.8	66.6	74.1	63.7	70.6	76	75.8	79.3	76.5	74.2
10.0	21	68.42	64.8	73.5	73.2	56.6	58.3	60.8	75.4	61.8	68.7	72.8	73	67.2	73.5	77.1	69.7	69	63.2	69	66	52.7	62.8	72.9	69.1	73.5	71.8	75.5	66.5	70.5	76.2
10.0	22	71	64	74.9	71.4	56.3	63.9	60.1	66.3	59.8	70.1	71.7	72.7	73.2	69.3	74.6	73.1	75.3	65.3	72.3	64.8	53.3	66.3	70.5	66	76.3	60.2	76.5	64.5	73	77
10.0	17	56.04	70.5	73.7	67.5	68.9	71.8	66.8	74.1	75	64.8	54.5	59.7	68.8	67.9	69.7	74	76.9	69.5	53.8	62.4	70	67	74	64.3	70.2	77.6	68.1	78.3	65.4	67.2
10.0	18	58.46	66	72	68.7	71.1	69.4	62.7	73.9	70.6	68.3	57.5	59.2	67.7	68.4	70	79.3	74.1	68.4	51.2	63	71.3	68.7	74.5	67.7	66.3	76.2	67.3	78	62.9	72
10.0	20	64.08	58.8	74	70.2	73	52.6	57.9	74	70.2	69.9	71.9	68.2	64.4	76.1	73.9	74.8	68.1	62.3	57.5	68.2	52.7	61.2	70.8	67.3	68.8	73.1	73.6	76.2	67.8	77.5
10.0	19	60.83	55.2	71.8	68.8	72.8	55.3	59	76.1	72	69.3	68.2	62.1	64.6	72	71.3	77.9	69.6	62.3	51.5	66.6	61.9	69.3	72.2	67	64.8	74.7	72.2	76	71.7	74.1
10.0	26	74.88	65.4	68.9	62.7	69.1	73.6	76.1	60.5	57.8	64	60.9	70.6	69.6	70	51	61.9	68.2	58.5	64.9	78.5	63.4	75	54.6	65.3	75.1	71.8	55.4	72.1	76.8	75.7
10.0	27	73.96	66.4	67	60.6	76.5	72.3	59.7	63.5	58.5	63.8	51.5	73.4	68.3	68.7	56.2	68.9	65.9	56.9	74	78.2	69.3	68.8	58.5	69.5	73.5	73.2	59	60.3	74.3	76.8
10.0	23	74.83	62.1	62.4	70	67.9	64.1	58.5	58.3	62.5	69.3	71.8	70	67.4	67.5	67.5	57.7	77.4	65.9	74.4	66.3	55.4	69.5	66.1	61.1	76	58.9	75.1	67.3	61.3	77.1
10.0	25	76.79	65.5	71.3	62.5	71.6	64.2	73	63.1	51.8	62.2	75.8	69.5	69.1	72.5	53.3	55.3	62.8	64.3	58.4	75.2	61.4	74.7	57.9	61.1	76	66.9	57	66.2	76.9	72.1
10.0	31	64.63	68.7	43.3	73.5	68	72.6	64.5	69.9	73.8	66.8	62.2	64	71.3	71.2	61.3	62.3	69.9	59.1	73.4	63.5	64.7	57.5	71.3	58.6	75.5	71.2	56.5	65.3	75.7	64.8
10.0	28	71.75	68.3	65.2	61.7	68.2	71.8	51.5	65.7	61.4	67.1	48.1	74.9	64.5	71	58	60.3	65.3	47.8	75.3	75.3	69.1	56.6	64.6	67.4	75.5	72.5	64.8	60.3	72.3	78.4
10.0	24	75.92	58.7	65.6	66.8	71.7	54.3	64.4	63.2	51.7	68.1	73.6	68.4	67.4	68.9	60.8	52.2	62.5	66.2	65.1	70.1	60	72.2	59	61.3	74.9	61.5	64.4	68.5	67.8	73.3
10.0	30	67.46	67.7	66.3	71.6	62.3	71	60.9	67.2	71.8	67	55.3	72.2	64.3	72.6	54.6	57.7	66.5	51.3	76.3	61.5	57.8	52.9	68	66.2	70.7	72.5	51	63.3	76.4	59.2
10.0	29	70.46	68.2	65.2	64.4	58	72.8	57.1	66.1	67.7	69	56.1	73.2	62.1	73.5	54.8	55.9	63.9	45.4	77.3	63.8	61.2	54.4	65.3	67.3	70.3	70.1	51.4	67.3	74.7	76
11.0	1	67.54	69.7	39.9	63.8	73.3	69.1	69.3	68.5	69.9	69	70.3	61.3	72	72	67.3	66.5	71.9	56.5	59.5	66.9	60.8	60.9	74.4	52.4	79.7	71	58.2	69.8	51.5	69.4
11.0	2	54.88	71.5	47.8	54.4	75.8	62.8	64	70.4	59	68.4	71.7	57.8	67	74.7	67.7	61.9	65.9	62	54.5	65.5	61.1	60.9	67.5	48.7	80.5	74.8	63.7	66.5	56.5	56.4
11.0	5	42.46	63.8	70.4	66.6	55.7	67.7	53	58.6	55.2	68.7	63.8	72.6	75	58.6	65.7	61.5	57.1	60.9	59.5	50.8	55.5	62.7	66.1	64.4	78.5	69.1	69.6	71.1	72	68.6
11.0	4	43.67	74.2	64.8	64.9	55.7	60	50.6	62.3	48.3	69.3	69.6	68.3	76.3	68.8	63.2	56.5	56.7	63.5	60.2	62	53.5	68.4	64.1	56.5	79.5	74.9	69.5	59.1	66	58.1
11.0	6	44.96	50.6	63.5	68.8	57.6	69.8	57.8	50.9	58.8	69.7	54	64.3	75.9	54	70.3	64.1	59.2	59.5	53.5	47.2	62	58.4	70.3	68.7	76.9	68.8	67.6	75	72.4	71.8
11.0	3	50.04	72.2	57.3	57.1	68.8	49.2	55.8	74.8	48.4	68.9	73.6	58.4	70.8	72.8	64.7	54.6	59.7	64.9	59.3	66.4	67.3	71	59.9	48.5	77.9	75.5	67.3	55.3	57.2	52.4
11.0	7	49.38	47.5	47.3	68.2	68.5	71.5	54.6	50.4	57.6	71.6	54.2	52.8	73.3	54.8	69	66.1	49.2	60.8	61.2	47	67.3	51.9	69	57.5	75.5	71.8	69.7	74.2	70.4	73.6
11.0	8	48.75	51.5	51.8	71.3	57.4	64.8	52	59.3	61	72.2	57.1	55.3	71	59.7	69.5	58.8	44.5	61.5	68.9	49	68.8	51.3	57.5	53	69.7	68	72.6	70.4	64.9	75.2
11.0	12	47.13	71	58.6	62.2	44.6	49.3	56.1	65.8	61.5	54.3	60.1	68.1	67.4	68.8	65.2	54.1	60.3	67.2	60.4	55.4	45.6	65.9	61.2	61.3	70.1	62	64.3	65.3	54.4	75.3
11.0	9	49.29	59.1	55.3	71.7	47.1	48	52.2	62.8	62.6	73.5	58.2	64.8	64.8	62.3	69.4	59.8	49.1	52.1	69.5	54.6	64.8	51	62.9	56.7	66.8	66	64.6	69.8	56.7	76.8
11.0	10	50.42	63.4	55.1	71	59.2	49.5	53.3	68.5	64	57.7	58	74.4	61	62.3	71.6	62.3	55.5	51.4	70.8	56.4	56.5	53.2	64.9	55.5	61.3	59.4	61.1	58.8	52.8	77.5
11.0	13	48.46	57.9	67.7	68.8	47.1	53	71.5	66.5	62.8	61.6	61.8	53.8	64.7	60.8	67.3	52.2	59.7	72.5	58.8	51	55.2	63.5	47	59.3	64.8	64	64.4	67.2	44.3	68
11.0	21	72.25	71	51.1	70.5	57.3	69.4	65.8	61.7	66.8	40.3	52.9	59.9	55.9	70.4	60.2	46.3	63	46.6	59.4	62.7	68.8	60	66.9	50.7	67.4	48.7	58.3	52.4	52.8	67.4
11.0	11	46.88	66	50.4	60.6	62	46.7	56.2	67.9	63.8	52.3	59.8	77.9	65.8	65.3	57.4	63.7	54.8	56.6	64.2	57.8	47.5	59.8	61.5	56.3	61.9	58	59.7	59	60	77
11.0	20	68.96	69.4	60.6	70.2	56.8	65.9	56.3	70.5	64.4	48.1	62.7	58.8	57.8	68.8	63.9	45.4	59.4	48.4	56	56.6	70.5	62.5	61.7	43.2	66.4	50.8	48.6	61.3	53.2	65.8

11.0	15	58.29	51.9	69.7	72.9	45.7	56.6	54.5	69.8	58.8	48.5	64.9	61.8	57	58.2	71.4	65.6	60.4	63.8	56.1	61.6	65.7	55.4	60.5	47.5	63.2	59.5	55.5	47.9	49.1	69.9
11.0	14	52.08	49.4	71.2	69.4	51.3	57.2	66.6	70	58.5	59.1	64	51.4	51.2	58	67.5	55.2	62.5	73.8	58.1	53.8	60.1	59.9	53.8	46.3	57.3	59.9	61.4	58.8	50.1	65.9
11.0	22	61.13	73.3	58.3	64.9	43.8	58.3	72.2	60.6	63.9	39.1	59.1	52.4	57.1	67	52.9	48.3	66	41.3	65.1	64.5	67.3	53.8	69	58.9	61.7	51.5	63.2	51.3	58.3	67.1
11.0	16	61.67	52	69.3	71.1	50.6	53.5	48.4	72	51.1	54	61.2	60.2	61.8	57.7	67.1	58	45.5	47.3	57.9	69	74	51.4	66.2	59.8	68	61.8	55.1	44	51.4	62.7
11.0	24	46.88	70.5	60.9	46.7	55.9	59	51.9	70.3	66.3	57.2	65.9	44.9	56.5	71.5	62.5	51.7	55.8	51.1	59.4	66.3	57.8	55.3	54.8	70.3	51.5	61.7	58.4	63.6	51.8	58.3
11.0	19	69.79	67.7	62.9	65.3	56	62.7	52.4	70.1	62.3	47.5	60.9	52	64.8	63.4	57.4	47	61.6	39.8	53.7	53	64.3	57.6	61	37.3	72.1	59.8	61.2	57.8	52.3	59.5
11.0	23	56	70.1	60.1	55.6	47.9	50.3	62.2	67.6	63.4	43.7	63.7	42.2	59.8	69.9	48.5	51.5	51.6	46	59.7	65.8	69.1	54.5	67.5	68.1	48.3	58.4	60.1	58.5	65.3	60.9
11.0	26	41.75	61.9	66.8	61	45.5	53.6	53.3	67	63.3	54.8	69.3	50	57	45.4	63.6	55.4	68.3	44.3	51.3	70.8	66.7	49.2	66.5	51.3	66.8	59.5	56.1	60	55.1	69
11.0	17	64.21	52.7	72.5	62.3	59.1	63.1	42	70.3	49.9	60.1	57.9	48.1	63.2	54.1	52.8	47.5	45.4	46.5	62.9	56.8	65.8	55.3	71.4	63.6	72	60.4	56.2	49.8	56.7	57.5
11.0	30	70.25	42.9	49.5	58.5	47.4	65.6	63.8	61.5	51.7	49.9	66.6	51.2	41.1	60.3	48.5	70.8	60	60.9	57.8	70.5	43.7	59	54.8	52.8	65.4	72.6	64.4	55.4	61.3	56.8
11.0	29	65.08	40.8	45.5	71.5	63.3	58.1	65.6	56.5	55.5	54.5	67.6	40.9	42.3	52.3	63.2	69	63.4	65.2	54	66	48	55.7	48.8	46.1	65	72.5	65.2	47.2	59.6	65.1
11.0	25	37.75	73.3	62.6	52.3	48	64.4	47.5	66.8	68.8	64.1	69.9	48.4	46.5	56.8	60.4	54.9	60.8	53.5	56.8	64	62.2	46.4	52.8	57.5	63.7	63.6	55.1	57.3	48.8	66.8
11.0	18	68.67	61	65.5	60.4	55	62.3	45.1	69.9	58.5	49.5	58.6	47	70.4	54.6	51.2	47.3	52.2	45.2	59.3	51.9	56.1	60.2	72.3	41.4	74.3	59.6	58.5	54.5	57.1	54.8
11.0	27	52.29	52.3	59.4	66.5	56	48.1	57	58	51.2	49.8	65.7	51.5	63.2	53.6	67.8	67.4	57.3	53.8	46.5	50.1	69.5	57.3	47.5	49	69.1	54	51.7	43.3	67.7	70.5
11.0	28	60.5	41.5	49.8	72.8	63.1	52.5	61.1	55.5	52.4	49.3	64.5	44.7	58.2	55.4	69.8	68.8	57.7	60.9	48.3	48	57.9	54.6	39.8	44.6	67.9	64.8	59.9	40.3	64.3	69.2
12.0	9	67.71	49.2	51.9	63.4	51.6	46.5	63.5	65.6	61.3	64.3	67.8	54	52.3	69.8	55.7	38.7	65.7	61.6	72.8	36.9	48.1	67.2	71.8	47.8	56.6	46.5	42.1	58.6	66.4	46.8
12.0	4	44.71	47.8	65	68.3	59.8	50.1	61.6	64	52.9	42.2	59.5	60.5	58.5	51.2	68.5	49.6	48.1	51.3	45.1	52	62.5	61.8	69.1	65.8	57	65.8	64.1	53.6	46.1	58.7
12.0	10	63.83	59.2	57	67.7	36.4	49.2	73	61.9	61.5	58.1	66.9	52.1	59.1	68.3	50.3	54.4	63	65.8	52.1	39.9	51.8	67.6	65.3	44.4	57.6	44	38.3	45.1	70.4	50.5
12.0	14	66.46	53.5	58.2	52	57	50	44.8	54	54.3	68.8	71.5	48.2	54.3	43.3	49.9	61.4	64.2	55.6	68.7	33	56.6	50	63	46.5	70	66.2	50.3	63.4	54.7	63.3
12.0	5	41.25	52.8	55.2	66.8	64.8	54.8	44.8	67	63	39.5	63.5	54.4	53.8	53.6	66.5	41.6	49.9	55.4	45.9	52.8	63	61.4	71.5	62.2	60.4	72	65.5	44.5	50	50.4
12.0	1	69.96	45.1	57.4	52.1	48.7	65.5	54	64.5	39.8	45.8	62.2	45.8	46.4	57.2	49.3	69	57.8	52	56.7	45.9	44.6	59.8	55.8	59.4	67	60	66.7	65.5	68	39.7
12.0	13	63.04	43.3	48.1	51	52	63	47.4	66.7	66.5	59.1	69.1	56.8	54.3	55.5	45	65.1	67.4	43.3	62.2	36.5	57.8	50.3	48.5	47.3	67.8	65.1	45.1	54.8	54.1	63.5
12.0	3	64.83	42.1	61	67.6	54.4	46.3	61	62.7	48	46.9	57	49.6	54.4	49.5	50.7	58.6	66.2	40.9	55.5	44.6	54.7	61.2	61.3	65.8	54.5	58.5	60.7	65.8	42.2	49.9
12.0	6	48.29	50	51.8	64.3	65.8	59.4	38	69	57.6	41.3	63.7	44	39.5	62.1	49.8	48.1	51.1	56	43	38.8	66.1	65.9	69.3	67.2	61.9	71.5	62.1	43.1	53.6	54.1
12.0	29	57.33	50.7	56.3	53.2	40.7	64.5	42.5	56.2	44.1	41	51.2	44.3	58	48.3	56.7	63.2	71.2	64.5	40.5	38.8	50	54.4	64.9	67.4	73.9	65.7	42.4	67.1	69.9	52.8
12.0	23	58.42	63.4	41.1	56.7	37.7	54.7	65.4	56.8	47.4	41.3	56	58.5	52.5	55.5	40.5	65.7	57.9	49.2	50.1	48.7	64.4	44.5	63.7	65.8	72.1	62.3	65.5	47.6	55.3	49.7
12.0	2	70.33	49.9	61	60.8	51.1	49.6	54	62.1	40.8	50.5	56.8	43.1	51.9	47.7	47.2	54.1	62.6	44.3	63.4	41.1	47.6	60.9	57.8	64.3	67.9	54.4	66.1	74.3	49.8	40.7
12.0	7	57.63	58.8	46	55.9	64.3	65.6	39.8	69.1	45	45.8	65.5	42.6	39.6	68.7	51.3	56	55.2	45.9	57.8	36.9	58.2	63.6	71.7	59.3	57.9	56.3	46	48.9	60.8	53.5
12.0	31	48.75	61.4	37.1	55.5	58.2	62.3	43.8	44.9	57.9	30.5	40.9	60.1	52.1	55.8	66.6	68.4	58.2	52.9	59.8	58	58.8	46.5	53.6	56.5	72.2	47.5	48.7	69	49.3	64.7
12.0	15	51.04	58.8	44.7	52.2	62	49.8	45.6	51.8	53.3	62.8	70.5	41.5	43.5	36.9	60.5	60.7	66.8	61.1	68.5	35.1	58.5	54	54.1	49.1	63.5	57.3	54.4	60.2	52.9	54.8
12.0	24	58.21	60.2	39	51.4	33.1	56.6	67.8	61	43.1	46.8	51.8	63.4	51.6	36.7	46.8	58.3	46.4	60.2	59.9	41.2	58.3	56.5	48	68.3	73.9	62.2	66.9	53.1	60.1	52.9
12.0	17	40.33	63.6	45.7	59.3	62.3	58.3	43.8	45.5	47.6	46.9	69.6	46.3	45.4	48.1	47.3	57	41	63	55	63.2	61.1	66.5	46.9	49.6	74.3	64.5	58.3	52.2	64.6	45
12.0	16	41.92	63.8	43.8	54.4	64	51.5	46.8	46.8	49.1	69	68.5	45.2	53.2	43.9	47.1	54.8	54.3	64.9	58.4	49.5	58.8	61.6	45.3	59	63.2	53.7	51.3	55.6	59.5	52.5
12.0	8	66.58	47.3	49	60.2	51.8	50.1	44.7	71.3	56.3	53.8	66	51.3	43.8	72.5	60.6	37.5	62.8	45	64.2	34.5	43.6	60.9	70	51.6	54.3	53	45.2	56.6	63	43.2
12.0	22	53.25	62.8	41.7	54	39.5	45	68.8	65.3	54.9	42.9	47.4	51	43.8	57.3	39.3	66.6	54	41.5	44.3	62.8	70.3	40	72.3	59.8	67.1	58.1	60.8	47.5	60.7	49.6
12.0	21	55.88	65.1	50.5	59.4	38.4	37.2	58	64.7	57	38.4	46.5	44.1	36.4	42.2	42.5	66.3	60.8	61.6	40.1	47.4	66.9	47	69	57	61.7	52.6	64.7	50.8	57.5	53.5
12.0	30	46.38	55.1	41.3	58.3	46.7	64.5	44	46.9	47.9	32.8	45.3	46.5	56.1	50.8	52.1	65.6	70.3	51.4	49	47.5	57.8	41.3	54	61.4	74.3	46.6	45	67.8	64	58.1
12.0	12	62.08	43.4	40.2	49.2	43.1	62.7	47.5	65	61	61.3	64.4	48	44.7	45.3	46.1	61.7	64.9	48.8	49.2	51.3	51.9	51.3	52.3	46.3	61.1	64	47.5	41.7	54.5	57.1
12.0	28	60.54	50.3	47.7	50.7	39.7	64	37.8	50.6	43.8	56	43.8	40.8	47.6	44.8	57.5	48.5	68.1	64.5	44.8	33.3	45.8	47.1	60	66	74	65.9	46.5	67.8	68.6	50
12.0	11	55.67	49.8	52.1	49	37.5	56.9	55.9	63.2	54.4	59.5	59.9	50.1	46.3	49.2	50.4	60.5	63.6	59.7	44.9	46	51.6	61.4	53.8	42.7	60.5	56.5	43.5	44.5	52.3	51.6
12.0	18	46.58	55.8	49.8	55.9	68.6	42.8	48.2	41.9	57	38.2	57.5	52.8	44.8	48	50.8	61	42.6	62.3	56.9	54.9	48.6	59.6	48.3	49	56.7	72.3	70.7	51.6	44.3	41.1
12.0	20	48.21	65.8	48.5	51.5	42.8	31.2	48.3	62.3	59.2	29.8	51.5	57.3	37.9	36.2	45.1	60.6	56.3	69.5	41.6	41.4	60.8	56.7	56.9	55.9	49.7	51.4	70.5	59.3	52.8	54.8
12.0	25	52.67	55.7	43.8	44.3	33.5	48	59.6	48.5	40	46.9	44	50	38.8	38.9	59.5	67.4	48.7	64.3	58.8	44.1	63.1	61.5	46.7	52.5	73.3	66.3	49.2	48.8	62.4	37.5
12.0	19	43.75	61.6	49.1	45.6	64.3	34.8	47.2	60.4	59	39.3	51.9	63	44.5	44.5	52.1	60	48.8	62	50.8	45.6	50.8	51.3	46.3	51.5	45.6	54.8	69.9	54.3	43.7	46.9
12.0	27	55	53.5	43	48.6	38.9	60.7	50	45.9	46.5	52.9	37.6	40.9	44.2	41.8	47	44.5	55.8	64.4	48.2	34.2	59.5	43.6	55.7	58.2	73.5	67.3	51.5	63	68.8	41
12.0	26	56.71	58.1	39.3	49.5	36.9	57.5	52.2	44.8	40.4	47.9	38.1	40.7	40.6	39.6	50.1	48.2	44.4	63.5	45.4	37.5	61.4	56.4	50	48.6	72.8	70	49.3	54.8	64.4	34.8

Average Daily Temperature for each day of month	Daily Rank of Temperature For Each Month	Average Daily Temperature for each day of month
Avg Day Temp	Rank	Avg Day Temp
55.62	1	55.62
54.91	2	54.91
53.83	3	53.83
53.62	4	53.62
53.43	5	53.43
53.21	6	53.21
53.18	7	53.18
53.13	8	53.13
53.13	9	53.13
52.87	10	52.87
52.65	11	52.65
52.59	12	52.59
52.45	13	52.45
51.98	14	51.98
51.93	15	51.93
51.87	16	51.87
51.70	17	51.70
51.49	18	51.49
51.27	19	51.27
51.25	20	51.25
51.20	21	51.20
51.11	22	51.11
51.06	23	51.06
51.01	24	51.01
50.91	25	50.91
50.88	26	50.88
50.83	27	50.83
50.55	28	50.55
50.17	29	50.17
49.93	30	49.93
48.84	31	48.84
60.70	1	60.70
60.69	2	60.69
59.78	3	59.78
59.45	4	59.45
58.51	5	58.51
57.77	6	57.77

57.16	7	57.16
57.09	8	57.09
56.94	9	56.94
56.20	10	56.20
56.07	11	56.07
55.97	12	55.97
55.71	13	55.71
55.36	14	55.36
55.16	15	55.16
54.43	16	54.43
54.42	17	54.42
54.13	18	54.13
53.59	19	53.59
53.38	20	53.38
53.30	21	53.30
53.23	22	53.23
53.02	23	53.02
52.93	24	52.93
52.81	25	52.81
52.70	26	52.70
52.47	27	52.47
52.43	28	52.43
65.01	1	65.01
64.85	2	64.85
64.67	3	64.67
64.67	4	64.67
64.44	5	64.44
64.20	6	64.20
64.20	7	64.20
64.04	8	64.04
63.61	9	63.61
63.24	10	63.24
62.85	11	62.85
62.70	12	62.70
62.60	13	62.60
62.59	14	62.59
62.35	15	62.35
61.95	16	61.95
61.42	17	61.42
61.06	18	61.06
60.54	19	60.54
60.08	20	60.08
60.06	21	60.06
59.63	22	59.63
59.29	23	59.29
59.26	24	59.26
59.17	25	59.17

58.72	26	58.72
58.45	27	58.45
58.26	28	58.26
57.89	29	57.89
57.08	30	57.08
56.04	31	56.04
70.39	1	70.39
70.33	2	70.33
70.25	3	70.25
70.21	4	70.21
69.93	5	69.93
69.66	6	69.66
68.84	7	68.84
68.82	8	68.82
68.75	9	68.75
68.57	10	68.57
68.55	11	68.55
68.47	12	68.47
68.27	13	68.27
67.99	14	67.99
67.36	15	67.36
67.22	16	67.22
67.21	17	67.21
67.03	18	67.03
66.87	19	66.87
66.78	20	66.78
66.63	21	66.63
66.37	22	66.37
66.32	23	66.32
65.92	24	65.92
65.56	25	65.56
65.49	26	65.49
65.43	27	65.43
64.99	28	64.99
63.96	29	63.96
63.84	30	63.84
78.73	1	78.73
78.65	2	78.65
78.35	3	78.35
78.25	4	78.25
78.18	5	78.18
77.92	6	77.92
77.67	7	77.67
77.17	8	77.17
76.93	9	76.93
76.18	10	76.18
75.73	11	75.73

75.54	12	75.54
75.31	13	75.31
75.27	14	75.27
75.07	15	75.07
75.03	16	75.03
75.00	17	75.00
74.85	18	74.85
74.59	19	74.59
74.57	20	74.57
74.55	21	74.55
74.50	22	74.50
74.05	23	74.05
73.76	24	73.76
72.35	25	72.35
72.24	26	72.24
72.21	27	72.21
71.93	28	71.93
71.92	29	71.92
71.67	30	71.67
71.00	31	71.00
80.89	1	80.89
80.47	2	80.47
80.47	3	80.47
80.39	4	80.39
80.26	5	80.26
80.15	6	80.15
80.10	7	80.10
80.08	8	80.08
80.06	9	80.06
80.04	10	80.04
80.04	11	80.04
80.01	12	80.01
79.98	13	79.98
79.97	14	79.97
79.97	15	79.97
79.91	16	79.91
79.90	17	79.90
79.90	18	79.90
79.86	19	79.86
79.78	20	79.78
79.55	21	79.55
79.37	22	79.37
79.28	23	79.28
78.77	24	78.77
78.64	25	78.64
78.61	26	78.61
78.55	27	78.55

78.32	28	78.32
78.30	29	78.30
78.29	30	78.29
81.80	1	81.80
81.76	2	81.76
81.74	3	81.74
81.56	4	81.56
81.48	5	81.48
81.48	6	81.48
81.31	7	81.31
81.29	8	81.29
81.21	9	81.21
81.20	10	81.20
81.16	11	81.16
81.13	12	81.13
81.13	13	81.13
81.09	14	81.09
81.08	15	81.08
81.07	16	81.07
81.03	17	81.03
81.01	18	81.01
80.92	19	80.92
80.92	20	80.92
80.91	21	80.91
80.89	22	80.89
80.89	23	80.89
80.72	24	80.72
80.55	25	80.55
80.54	26	80.54
80.50	27	80.50
80.49	28	80.49
80.45	29	80.45
80.45	30	80.45
80.40	31	80.40
81.64	1	81.64
81.41	2	81.41
81.33	3	81.33
81.24	4	81.24
81.19	5	81.19
81.17	6	81.17
81.16	7	81.16
81.04	8	81.04
81.01	9	81.01
80.99	10	80.99
80.97	11	80.97
80.96	12	80.96
80.93	13	80.93

80.93	14	80.93
80.90	15	80.90
80.89	16	80.89
80.88	17	80.88
80.86	18	80.86
80.76	19	80.76
80.73	20	80.73
80.69	21	80.69
80.66	22	80.66
80.65	23	80.65
80.62	24	80.62
80.60	25	80.60
80.56	26	80.56
80.51	27	80.51
80.50	28	80.50
80.46	29	80.46
80.12	30	80.12
80.09	31	80.09
80.14	1	80.14
79.97	2	79.97
79.96	3	79.96
79.83	4	79.83
79.79	5	79.79
79.63	6	79.63
79.23	7	79.23
79.12	8	79.12
79.12	9	79.12
79.10	10	79.10
79.08	11	79.08
79.05	12	79.05
79.01	13	79.01
78.82	14	78.82
78.64	15	78.64
78.61	16	78.61
78.61	17	78.61
78.32	18	78.32
77.92	19	77.92
77.89	20	77.89
77.53	21	77.53
77.51	22	77.51
77.37	23	77.37
76.86	24	76.86
76.31	25	76.31
75.98	26	75.98
75.81	27	75.81
75.48	28	75.48
75.46	29	75.46

74.04	30	74.04
73.99	1	73.99
73.96	2	73.96
73.79	3	73.79
73.66	4	73.66
73.64	5	73.64
73.60	6	73.60
73.49	7	73.49
73.26	8	73.26
73.22	9	73.22
72.55	10	72.55
71.83	11	71.83
71.79	12	71.79
71.65	13	71.65
71.35	14	71.35
69.74	15	69.74
69.10	16	69.10
68.45	17	68.45
68.45	18	68.45
68.27	19	68.27
68.16	20	68.16
67.96	21	67.96
67.70	22	67.70
67.07	23	67.07
66.90	24	66.90
66.79	25	66.79
66.28	26	66.28
66.17	27	66.17
65.82	28	65.82
65.28	29	65.28
64.77	30	64.77
64.76	31	64.76
65.75	1	65.75
63.81	2	63.81
63.50	3	63.50
62.95	4	62.95
62.87	5	62.87
62.66	6	62.66
61.86	7	61.86
61.22	8	61.22
60.76	9	60.76
60.75	10	60.75
60.55	11	60.55
60.19	12	60.19
59.89	13	59.89
59.89	14	59.89
59.76	15	59.76

59.38	16	59.38
59.12	17	59.12
59.04	18	59.04
58.79	19	58.79
58.49	20	58.49
58.43	21	58.43
58.21	22	58.21
58.16	23	58.16
58.00	24	58.00
57.83	25	57.83
57.78	26	57.78
57.72	27	57.72
57.40	28	57.40
56.90	29	56.90
56.60	30	56.60
57.07	1	57.07
56.84	2	56.84
56.50	3	56.50
56.44	4	56.44
56.27	5	56.27
55.72	6	55.72
55.66	7	55.66
55.22	8	55.22
55.20	9	55.20
55.06	10	55.06
54.94	11	54.94
54.88	12	54.88
54.79	13	54.79
54.66	14	54.66
54.53	15	54.53
54.45	16	54.45
54.40	17	54.40
54.37	18	54.37
54.35	19	54.35
54.08	20	54.08
53.11	21	53.11
52.96	22	52.96
52.91	23	52.91
52.88	24	52.88
52.76	25	52.76
52.62	26	52.62
51.79	27	51.79
51.63	28	51.63
51.43	29	51.43
51.19	30	51.19
49.79	31	49.79

Orlando Florida International Airport

Average of MCO_Actuals_Temp_Avg_D	Column Labels																													
Row Labels	**1991**	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
1	**65.0**	**59.1**	**65.4**	**60.2**	**58.2**	**58.8**	**60.4**	**62.1**	**63.0**	**59.9**	**55.6**	**60.8**	**53.9**	**58.5**	**61.4**	**62.5**	**63.5**	**60.9**	**58.6**	**53.9**	**59.1**	**60.0**	**65.5**	**58.2**	**61.2**	**58.4**	**64.2**	**57.3**	**60.3**	**64.6**
1	72.0	64.0	68.5	62.5	66.2	68.0	68.6	49.8	61.3	63.7	42.4	53.6	67.5	65.9	64.6	66.2	70.3	65.0	59.1	58.8	65.6	64.3	64.0	62.6	65.6	73.9	67.5	53.1	72.2	60.4
2	68.2	64.9	68.5	67.3	62.4	72.9	68.3	59.0	71.9	66.5	44.8	56.5	62.5	67.0	65.3	72.7	63.2	43.0	63.4	48.0	67.6	58.5	67.5	69.7	67.7	65.1	71.7	48.5	71.9	67.6
3	68.7	60.1	70.5	64.3	60.4	60.2	65.3	65.9	62.0	66.9	46.2	46.8	57.7	67.6	65.7	71.6	70.8	41.6	63.8	41.5	61.8	43.0	64.9	48.8	74.4	56.7	75.6	46.3	71.9	73.6
4	68.4	54.3	72.1	56.3	54.1	48.6	66.0	69.5	46.0	69.2	42.7	39.4	46.0	68.8	66.3	61.1	72.1	51.6	67.9	42.0	62.0	43.0	58.0	57.9	74.8	55.3	70.8	41.3	71.3	70.5
5	70.8	56.9	73.2	47.1	52.3	52.8	69.1	71.6	40.0	59.8	46.6	49.7	48.9	68.5	68.8	60.8	72.5	59.0	66.8	40.5	65.7	50.8	63.6	68.8	66.6	58.4	65.1	43.0	62.3	55.3
6	70.9	60.2	70.3	56.6	63.2	58.9	68.8	72.0	45.1	65.3	53.3	61.0	54.5	62.6	68.9	53.9	73.5	64.2	68.4	39.3	61.5	55.5	68.9	62.9	65.2	59.7	64.9	45.6	58.8	55.5
7	71.6	56.5	71.3	63.3	67.7	55.5	68.8	75.8	56.3	68.6	49.5	48.8	48.4	51.0	69.1	46.6	73.1	65.5	65.3	44.3	53.6	57.9	64.3	40.7	58.5	62.5	59.1	52.0	64.8	59.3
8	69.8	59.8	72.7	59.3	53.0	37.3	67.3	70.1	61.3	66.6	58.6	42.4	48.8	55.6	69.3	50.0	71.8	67.2	58.1	45.8	58.3	61.2	71.2	53.8	50.7	63.5	44.1	60.6	66.8	58.2
9	65.7	65.5	67.1	51.4	52.3	42.6	66.6	64.1	65.1	67.0	48.8	43.8	57.7	60.7	68.1	57.6	56.4	64.6	58.3	34.4	54.5	63.8	72.8	65.5	50.8	63.8	52.3	66.2	63.5	63.9
10	68.7	67.2	68.7	61.9	56.4	52.3	54.8	57.9	53.8	69.3	46.1	51.1	62.8	49.8	67.2	65.1	53.9	67.0	61.6	35.1	63.9	65.4	71.3	72.2	55.6	64.6	59.0	68.5	51.6	70.8
11	73.2	52.4	71.6	66.5	61.5	53.4	55.2	57.0	51.5	66.5	56.5	55.3	57.8	49.1	66.3	66.7	61.1	68.8	66.3	39.0	62.5	64.7	71.0	75.2	64.0	51.0	64.2	70.1	58.6	74.5
12	69.3	61.4	73.3	69.3	63.5	54.7	56.8	61.1	58.1	62.4	60.5	59.6	51.5	54.8	69.2	67.5	65.8	69.4	63.3	43.6	46.5	64.0	69.5	62.2	68.2	52.1	67.5	70.1	65.3	74.8
13	50.8	69.3	72.9	61.3	69.4	48.0	57.2	64.7	63.8	64.4	53.3	58.2	54.7	54.3	73.2	68.0	68.0	67.5	60.5	46.7	41.8	56.4	69.7	63.5	67.5	53.0	67.0	56.3	68.1	73.7
14	56.0	65.6	60.3	53.4	66.9	52.2	58.7	66.5	68.6	56.3	61.5	60.8	52.3	55.6	65.6	56.2	68.5	57.4	52.9	54.3	50.3	47.8	69.8	68.8	61.0	57.6	67.3	48.8	59.6	72.8
15	63.6	48.0	61.8	54.0	60.5	56.1	61.1	67.2	67.2	54.0	63.3	60.7	51.1	59.3	61.1	51.7	68.3	50.9	50.7	60.0	57.0	51.0	70.7	58.8	55.8	65.8	68.3	52.3	53.1	74.1
16	68.3	46.7	57.5	52.5	53.8	61.3	64.0	63.8	66.1	56.3	66.2	57.3	56.6	56.4	53.0	57.6	71.1	60.6	49.8	67.6	59.7	57.2	69.8	50.3	56.4	63.8	68.0	56.5	51.0	73.6
17	58.2	47.5	54.2	63.8	53.3	63.7	44.2	56.1	70.1	58.0	68.3	64.0	53.4	60.9	46.9	66.4	64.8	69.5	49.7	69.5	58.8	62.3	64.5	49.7	59.6	60.8	68.5	55.4	57.6	70.6
18	56.9	56.8	57.0	59.3	59.3	68.9	40.8	56.7	67.1	62.5	69.2	62.1	42.3	63.0	48.7	56.8	65.3	62.7	56.2	58.4	66.3	62.7	54.5	50.9	61.7	51.6	69.5	39.1	61.8	69.7
19	67.8	54.8	63.0	47.8	63.0	63.0	41.8	61.1	67.1	62.9	70.3	66.1	45.7	60.1	52.2	56.2	63.4	66.3	62.0	56.4	66.4	59.1	64.5	50.5	57.5	47.6	69.3	49.8	64.5	71.2
20	63.9	50.9	66.3	52.0	53.8	51.8	51.1	55.8	67.0	64.5	58.4	69.8	50.9	53.0	55.8	66.4	59.5	50.4	50.4	58.8	64.7	59.9	64.3	56.5	59.4	50.8	70.3	57.5	58.9	56.3
21	57.1	52.3	70.0	53.9	52.1	62.1	55.3	62.3	68.4	48.6	43.7	71.0	56.7	55.9	58.8	70.3	65.5	56.7	39.7	69.4	62.9	63.0	65.1	61.5	64.4	57.1	71.5	64.3	48.3	48.3
22	49.5	60.1	70.3	54.2	54.6	59.0	61.7	68.0	71.5	52.3	51.0	70.3	63.4	55.8	62.1	71.4	71.1	66.6	43.9	71.0	53.1	63.2	58.8	48.3	65.4	62.3	73.8	68.3	59.5	46.3
23	52.9	67.6	68.2	57.6	57.1	62.9	62.9	67.5	75.0	62.7	50.5	72.6	56.4	54.0	52.8	72.6	64.5	67.4	50.3	64.5	48.8	66.8	55.5	48.8	70.7	48.2	65.3	70.6	68.0	60.5
24	67.0	56.3	69.1	62.0	46.8	69.9	67.0	62.9	66.2	58.5	51.9	70.8	34.8	54.1	44.3	70.3	57.9	64.8	56.0	71.5	59.4	69.2	58.3	48.6	62.8	43.7	63.7	59.6	67.9	67.8
25	59.7	52.0	62.8	63.8	48.9	57.9	64.4	52.4	60.9	47.4	51.7	71.2	46.8	59.4	52.5	62.6	50.8	55.6	60.2	65.1	68.0	68.3	61.1	55.8	52.8	52.8	61.6	57.6	52.8	63.0
26	58.6	53.8	56.8	64.0	54.0	65.8	60.8	58.2	63.2	41.6	50.8	70.7	55.3	68.5	59.2	56.9	53.5	57.3	63.2	55.8	62.1	71.3	60.4	59.5	58.5	62.3	70.8	61.8	53.9	57.2
27	63.2	63.0	50.4	69.4	58.4	68.7	61.2	64.7	66.8	43.2	55.9	67.4	51.3	67.8	61.9	58.9	60.4	57.8	66.7	54.0	52.0	67.7	64.5	66.2	56.0	65.3	62.7	67.3	53.4	62.5
28	69.7	66.2	55.4	73.8	65.3	56.7	66.0	56.1	66.9	52.1	58.0	70.1	52.4	50.5	61.3	62.2	61.5	54.3	69.4	56.8	55.0	60.3	69.3	67.8	52.5	63.9	53.4	68.6	49.9	60.7
29	71.0	67.0	60.8	72.2	68.5	64.0	66.7	54.6	68.6	62.6	62.8	70.6	59.3	51.6	64.6	66.8	46.8	59.4	68.4	61.9	58.0	60.9	70.7	52.9	56.3	57.8	50.2	67.3	55.8	61.2
30	75.2	68.6	63.1	67.4	56.8	66.1	57.3	55.5	69.0	66.7	69.1	71.8	61.5	57.2	65.8	65.6	48.4	67.3	56.2	65.8	59.5	59.4	72.8	48.5	59.2	57.4	53.0	53.8	51.4	62.6
31	68.2	61.4	60.1	59.7	49.0	68.1	53.5	55.7	68.1	51.6	70.7	72.1	63.1	56.0	55.5	59.7	55.8	68.4	49.3	52.3	63.7	62.3	59.5	57.2	57.8	62.0	54.2	54.9	54.7	65.6
2	**63.4**	**63.5**	**60.0**	**65.3**	**60.5**	**60.8**	**66.5**	**61.2**	**63.2**	**61.8**	**66.2**	**61.2**	**63.3**	**61.9**	**62.9**	**60.5**	**60.5**	**65.4**	**60.0**	**54.1**	**64.8**	**66.2**	**64.5**	**65.1**	**59.8**	**61.0**	**67.5**	**70.7**	**69.0**	**66.6**
1	61.9	57.8	58.2	54.0	50.3	68.3	54.1	58.8	66.0	53.0	65.4	71.4	58.2	63.5	57.9	57.8	66.8	67.2	54.1	57.3	68.3	66.2	54.5	68.3	61.7	70.2	59.6	61.3	63.9	62.0
2	66.5	54.3	56.6	49.5	56.3	71.6	58.7	66.7	67.8	55.1	59.8	69.0	56.5	63.0	60.0	68.7	71.4	65.3	60.0	64.1	71.1	68.5	56.5	73.6	64.6	70.7	64.0	63.6	67.5	55.8

3	68.9	59.8	55.7	48.9	60.9	61.2	62.4	67.8	70.7	56.4	54.6	66.7	59.3	60.3	63.3	65.0	57.5	68.5	55.6	55.5	66.6	67.3	57.0	73.1	54.8	74.1	67.7	61.6	65.1	59.2
4	67.3	61.8	59.8	59.2	54.9	42.8	66.6	57.3	71.3	57.8	55.5	58.6	66.1	62.6	50.8	62.6	54.8	70.3	45.8	61.2	68.0	69.3	55.2	73.8	63.4	71.6	65.6	67.4	61.2	63.8
5	66.2	65.3	63.9	63.6	52.5	38.2	71.8	53.4	68.0	50.5	57.0	55.2	58.3	70.0	55.2	53.4	53.0	71.1	39.5	67.4	68.5	70.5	59.5	75.0	61.3	52.9	64.0	65.8	63.3	69.1
6	67.4	60.0	62.1	68.8	47.6	47.5	68.8	49.3	65.5	50.3	54.2	64.6	62.3	74.5	61.9	54.1	53.2	72.3	47.9	59.3	59.9	69.1	67.5	63.2	57.0	56.0	64.3	65.8	66.4	77.4
7	67.5	52.6	63.5	66.8	52.1	55.6	67.4	49.2	65.8	57.4	60.6	64.1	66.8	62.7	63.0	60.3	58.2	73.6	54.8	49.2	64.1	66.3	72.4	55.8	58.9	50.0	68.9	71.3	68.3	62.3
8	57.4	54.6	57.7	68.0	48.3	60.7	68.8	51.1	69.6	57.1	64.3	52.2	54.0	49.6	64.1	53.4	57.7	67.2	58.8	52.4	53.6	64.9	70.6	57.8	62.7	53.0	71.4	69.4	69.3	58.3
9	58.1	53.0	58.0	71.2	42.5	61.8	62.7	51.3	68.0	57.0	67.0	62.8	54.0	62.6	64.4	55.2	61.0	66.1	59.5	57.7	58.6	62.6	63.8	60.9	61.9	54.8	73.8	70.0	66.5	64.8
10	58.8	61.3	62.2	72.8	55.6	62.3	58.7	55.6	68.5	56.6	69.0	68.2	64.8	65.0	63.9	55.4	60.8	61.9	64.5	50.7	59.5	67.6	66.4	62.5	60.2	49.9	60.4	72.5	67.7	70.8
11	60.6	58.5	65.6	75.6	65.1	64.8	55.0	64.3	70.2	58.4	68.9	63.3	57.5	66.4	49.7	58.6	58.1	60.2	70.1	45.4	53.7	60.1	69.5	65.7	56.7	51.2	64.6	75.1	71.5	74.7
12	58.6	58.4	67.9	72.6	61.7	56.5	58.4	65.1	70.5	62.5	67.3	62.1	55.8	71.0	53.9	47.0	62.8	65.4	71.7	48.8	50.8	43.0	72.2	66.5	57.8	58.5	68.3	76.1	73.5	76.3
13	65.3	60.5	57.6	69.9	60.1	48.5	70.8	54.8	56.5	64.6	67.9	57.5	55.9	62.9	57.2	44.3	66.8	66.4	67.5	44.6	52.9	50.3	73.5	58.1	53.2	60.1	69.5	73.5	59.6	77.5
14	66.8	64.9	57.1	59.6	65.5	54.2	74.2	53.8	50.8	68.3	69.9	58.4	59.6	65.2	65.0	47.3	67.0	52.1	68.9	46.1	56.0	63.4	63.4	52.7	51.4	57.8	70.8	67.8	60.5	69.0
15	55.1	71.8	60.0	60.9	70.3	62.9	67.5	60.1	56.3	66.2	71.7	64.5	67.2	65.6	67.7	56.1	52.4	60.6	67.4	54.0	60.5	68.5	59.5	58.8	60.3	64.1	70.3	69.8	65.9	67.8
16	40.0	69.3	69.2	62.7	72.4	56.7	58.9	68.9	62.8	65.2	73.0	61.0	70.8	56.5	68.5	62.4	49.1	65.7	62.8	48.7	63.4	71.2	58.6	57.0	62.1	67.0	63.6	72.0	67.6	71.0
17	52.3	71.1	63.3	63.1	72.1	41.8	60.6	73.8	66.3	67.0	68.8	59.0	65.5	54.1	69.6	66.5	46.9	70.4	57.5	46.7	65.5	68.8	46.0	59.8	66.3	61.2	61.1	70.6	72.4	72.0
18	63.4	70.9	56.4	65.4	73.0	50.7	65.2	66.4	70.3	68.7	62.5	56.2	58.0	50.0	58.8	68.2	49.4	72.0	64.3	49.1	68.6	70.0	51.2	65.5	54.7	60.9	65.8	69.8	73.6	75.0
19	70.2	71.5	48.6	68.2	68.6	60.9	71.0	63.8	65.6	72.3	63.2	59.5	63.0	53.3	58.0	62.5	50.1	61.3	66.3	52.0	67.5	71.7	63.3	68.7	45.7	61.8	70.6	72.6	73.7	76.0
20	70.5	64.8	59.3	71.8	61.6	66.8	71.6	66.3	59.3	65.7	66.2	67.2	70.6	59.4	63.5	64.3	57.5	60.1	54.1	58.4	66.3	60.1	65.2	71.3	44.0	63.2	69.2	75.0	75.7	75.3
21	70.7	63.8	64.4	70.6	60.9	66.6	74.4	61.1	51.9	58.4	67.5	72.2	73.5	68.7	68.5	68.8	64.1	67.7	54.8	61.8	69.8	63.1	69.5	72.3	57.8	65.1	68.9	75.1	73.8	54.6
22	72.9	69.5	66.3	70.7	54.7	70.5	71.3	69.3	48.1	62.6	68.8	65.2	75.0	66.1	70.3	70.6	67.3	74.3	63.1	64.5	70.8	67.6	72.9	70.3	67.8	68.1	67.2	73.9	76.0	57.1
23	72.1	73.5	58.6	74.1	59.9	71.3	65.5	64.3	54.0	62.9	66.4	57.9	63.5	67.3	70.9	75.0	63.1	71.0	58.5	66.2	68.7	73.3	76.7	71.1	70.0	69.5	68.2	73.3	78.0	63.5
24	66.2	72.3	54.0	64.8	64.7	71.9	66.6	59.6	57.0	65.1	70.5	55.0	62.5	67.2	69.4	65.6	62.7	68.0	56.9	58.9	69.1	74.9	70.4	70.0	68.1	69.6	72.5	72.8	77.0	68.1
25	67.0	71.0	59.3	65.3	63.4	71.0	67.2	61.1	59.1	67.0	74.3	59.6	66.1	63.7	65.0	71.6	70.1	69.1	61.3	48.3	73.5	64.1	72.0	69.8	66.5	57.8	70.1	74.0	68.0	73.3
26	65.0	69.0	64.5	64.8	63.3	71.5	72.2	63.2	60.1	67.0	74.1	63.8	69.5	62.0	64.9	62.3	70.3	70.5	62.2	48.3	72.1	63.1	71.8	65.3	67.1	54.5	66.3	77.3	66.8	69.8
27	55.8	59.8	54.7	60.9	66.6	71.0	75.0	69.3	64.1	68.3	72.9	54.0	71.3	48.1	68.3	56.7	73.3	54.3	65.0	47.1	72.2	71.3	66.6	58.4	55.4	54.0	70.2	72.6	70.0	56.5
28	62.8	59.0	54.4	63.3	68.3	71.3	75.3	69.5	65.3	66.2	73.0	45.7	66.0	53.2	66.5	60.7	69.0	48.3	68.3	52.1	74.1	69.6	61.6	58.8	64.0	58.7	74.3	70.8	70.1	53.9
29		62.7				63.5				65.4				61.1				56.3				73.3				64.3				56.7
3	**67.2**	**65.9**	**64.2**	**67.5**	**66.9**	**62.1**	**71.5**	**63.1**	**64.5**	**69.1**	**65.9**	**68.9**	**70.7**	**66.9**	**64.4**	**67.0**	**67.3**	**66.7**	**66.8**	**60.3**	**68.2**	**70.8**	**61.3**	**66.7**	**71.8**	**70.4**	**68.4**	**65.0**	**67.6**	**73.3**
1	72.6	65.7	56.3	67.4	69.6	57.6	74.1	66.8	60.8	67.1	72.5	57.7	70.7	67.4	59.8	63.9	72.7	63.6	59.3	54.6	69.2	76.0	56.5	63.0	70.6	67.1	74.5	74.6	71.2	58.4
2	71.4	67.4	61.9	67.9	59.5	57.4	75.3	57.8	62.8	69.1	73.2	73.3	71.5	70.5	53.3	67.9	76.3	63.9	49.3	59.4	66.1	73.2	52.1	67.4	71.2	68.5	73.0	72.0	73.6	65.8
3	70.8	68.3	70.7	55.5	63.0	58.1	76.5	55.4	62.5	70.1	75.1	73.9	62.0	69.8	49.5	71.9	61.1	68.9	49.7	49.9	67.0	75.8	45.7	70.4	71.9	67.5	65.2	61.9	74.4	71.3
4	58.8	68.6	64.7	57.4	66.3	62.3	74.4	53.3	55.0	69.8	67.8	51.4	67.3	70.2	55.8	63.9	62.5	72.5	53.9	47.9	66.0	64.5	48.9	69.0	74.8	66.9	62.9	57.9	74.0	75.5
5	57.9	72.0	61.1	63.0	67.3	67.0	74.8	60.5	58.3	64.0	59.9	49.4	74.8	72.5	58.4	61.7	55.6	68.2	59.5	49.7	68.4	59.9	59.5	64.2	76.0	62.3	67.1	60.8	58.5	78.9
6	63.3	73.5	60.1	65.5	68.6	72.7	70.8	69.2	64.3	65.6	55.1	60.6	76.7	73.8	62.3	63.9	57.7	63.6	62.5	52.0	69.9	63.5	60.4	65.3	65.0	62.8	67.7	66.3	51.3	69.8
7	70.6	72.1	61.6	69.9	72.0	73.5	64.2	71.3	63.2	67.7	55.2	63.7	74.7	72.5	66.1	62.4	64.3	72.3	65.0	54.4	59.0	68.3	53.9	59.0	60.1	65.0	68.8	66.1	57.0	56.7
8	71.7	71.9	61.2	68.8	68.7	53.1	69.1	75.4	61.8	68.2	56.3	68.0	71.1	63.7	66.7	60.1	65.9	60.8	67.5	58.2	65.8	70.5	58.2	59.1	65.5	68.3	71.5	55.2	65.5	61.5
9	61.4	70.9	67.1	69.9	56.1	43.3	69.5	67.3	66.1	68.6	60.0	70.8	72.0	59.7	52.0	65.5	67.9	54.5	68.4	60.9	71.2	73.2	61.5	65.2	69.5	70.1	72.3	55.5	70.8	66.8
10	54.9	73.0	67.3	69.8	55.3	49.1	71.5	52.3	69.5	70.5	64.2	68.5	68.7	55.8	54.7	71.9	69.0	61.8	69.7	65.4	62.5	71.5	65.8	68.1	74.4	73.2	72.7	60.8	75.2	69.8
11	55.5	57.5	65.5	52.3	59.8	48.7	73.8	49.9	62.5	71.0	67.0	66.1	70.0	57.4	59.7	73.7	68.1	68.0	70.0	66.4	55.8	67.3	67.4	67.5	76.6	71.8	71.7	71.2	75.7	70.4
12	59.4	50.4	70.0	59.7	64.6	54.0	72.3	47.2	62.5	69.2	73.0	72.0	73.0	61.8	62.3	72.2	68.8	68.2	69.5	63.6	57.7	69.8	66.1	71.6	77.7	72.6	69.0	67.5	69.7	72.6
13	65.9	58.3	55.5	65.0	65.1	56.1	70.1	51.2	67.2	62.1	74.5	70.4	76.9	64.2	65.5	74.2	68.7	65.3	69.6	63.1	62.6	69.1	62.1	60.4	75.8	74.8	69.4	55.3	69.3	73.8
14	71.3	58.8	41.7	64.2	67.2	60.8	70.1	55.7	66.8	65.5	67.5	65.6	72.3	66.9	67.9	75.8	69.5	62.5	72.8	61.7	65.3	70.7	56.7	60.0	77.1	77.0	62.3	57.3	71.4	74.5
15	61.1	63.8	46.4	61.3	67.0	64.0	68.8	59.8	56.4	68.4	74.0	70.3	71.3	69.3	68.8	64.6	72.0	72.8	74.7	60.5	67.3	71.0	56.7	66.0	76.3	77.5	52.6	58.0	72.8	75.5
16	59.0	59.0	60.6	68.0	68.8	67.4	65.4	65.0	57.7	73.4	75.4	75.3	68.2	70.0	72.8	65.9	70.9	75.0	75.0	57.7	69.6	71.0	61.8	71.4	74.0	76.2	51.8	59.8	71.0	74.1
17	64.0	60.7	66.4	60.3	66.7	69.9	67.4	69.4	62.9	68.6	70.4	75.1	71.1	68.9	65.8	69.8	59.5	68.4	70.8	59.5	70.3	70.1	63.7	72.0	74.6	73.8	57.8	67.1	64.3	75.3
18	69.5	67.7	61.5	63.8	65.3	71.8	71.3	71.7	66.0	70.3	62.6	72.8	72.0	67.0	54.2	69.5	57.0	69.5	69.9	57.4	70.4	70.8	70.9	68.2	75.2	73.7	64.0	70.0	61.7	75.2
19	66.8	73.3	62.8	69.3	64.0	63.6	71.7	65.8	67.5	68.7	66.5	72.6	77.3	69.4	53.8	67.1	61.5	74.1	68.6	59.3	70.8	70.7	73.4	66.2	76.5	70.4	67.0	71.5	60.2	75.7

	20	64.5	66.0	64.4	72.9	65.2	54.0	68.3	67.5	69.1	73.7	66.1	74.1	80.2	69.5	61.3	73.1	64.8	68.8	68.5	62.3	70.8	71.6	69.0	68.5	76.7	71.7	63.4	71.4	63.5	76.0
	21	70.3	60.2	64.9	73.6	67.7	50.7	70.3	58.7	67.4	69.7	56.3	73.4	75.2	68.8	66.7	76.0	66.6	64.5	66.7	62.9	70.9	72.0	60.9	71.9	76.3	58.3	67.6	62.5	64.8	76.3
	22	72.9	62.2	69.3	73.5	69.9	54.2	71.3	54.1	62.5	70.3	58.5	67.2	74.5	61.8	74.9	70.0	69.8	65.5	63.0	60.3	70.2	73.5	62.3	74.7	77.7	59.8	71.5	58.5	64.3	76.4
	23	73.3	68.9	71.5	71.9	71.8	57.8	70.2	57.0	65.5	65.2	62.6	63.2	63.4	59.5	72.2	66.5	70.8	69.6	64.8	60.8	71.4	73.2	73.5	73.5	72.2	65.9	71.6	59.1	64.2	77.4
	24	72.7	65.0	69.1	76.2	73.3	64.6	71.8	61.7	70.7	66.7	65.8	68.1	66.5	63.0	69.8	64.0	71.1	61.8	66.3	62.6	73.8	73.9	72.5	69.7	70.0	69.1	70.3	63.7	68.5	77.7
	25	71.9	67.3	68.0	72.3	69.4	69.4	73.2	66.3	67.8	67.4	66.7	72.8	67.0	66.2	73.5	56.9	70.0	55.8	68.3	67.3	73.3	74.6	65.5	66.4	69.8	68.4	70.2	69.5	71.3	77.6
	26	71.0	64.9	71.2	74.1	66.8	72.3	74.1	67.7	68.8	69.2	63.7	73.9	71.1	70.2	72.1	56.3	72.3	61.2	70.3	69.3	71.5	70.5	53.8	53.8	73.7	74.3	71.0	70.0	71.2	77.1
	27	74.8	65.4	69.3	79.6	71.3	71.8	74.0	68.3	62.1	69.5	60.1	72.8	71.3	69.4	77.3	57.7	72.0	65.8	72.0	66.8	76.5	71.0	51.6	61.2	70.6	77.7	71.5	68.6	62.7	78.6
	28	75.8	64.8	64.5	80.5	72.9	70.9	74.0	71.3	63.1	70.7	64.1	70.3	71.4	69.5	70.7	63.6	70.7	68.4	77.5	66.5	67.9	71.5	57.0	72.0	60.9	75.5	73.6	69.0	66.7	78.3
	29	78.2	65.5	68.4	66.5	71.3	71.8	72.2	72.7	67.5	69.5	67.3	72.5	73.7	67.0	67.4	68.8	71.1	70.8	71.0	64.7	71.5	72.3	60.0	71.0	59.5	72.4	75.3	72.5	67.8	77.8
	30	69.7	69.8	71.9	64.0	72.4	70.5	73.7	72.2	68.6	77.0	70.8	74.8	63.0	67.6	66.8	68.9	69.2	69.9	66.3	61.5	72.9	73.1	63.7	65.8	62.9	71.8	76.4	73.0	69.8	79.5
	31	63.5	69.5	74.4	68.0	67.8	67.7	71.9	75.2	72.8	75.1	70.6	76.0	52.3	69.6	74.7	70.1	69.8	71.0	71.0	63.2	67.7	71.6	70.0	64.4	71.2	76.9	76.0	69.3	72.2	79.3
4		**74.1**	**68.8**	**68.0**	**73.0**	**71.8**	**71.0**	**69.3**	**70.8**	**73.3**	**70.0**	**71.0**	**73.8**	**70.6**	**68.9**	**68.3**	**73.8**	**70.4**	**70.3**	**71.1**	**70.3**	**75.5**	**72.3**	**73.2**	**72.8**	**76.6**	**72.4**	**74.0**	**72.3**	**73.2**	**75.1**
	1	63.7	65.0	71.7	64.0	64.0	67.3	62.8	76.3	75.2	73.5	67.4	74.6	56.0	60.4	75.8	71.5	70.6	71.7	73.9	67.0	68.9	74.8	72.9	66.3	73.3	78.8	76.8	70.4	67.6	68.8
	2	65.5	65.5	66.1	63.5	62.5	58.4	65.3	76.5	75.3	72.7	64.4	74.4	62.5	61.3	69.4	73.8	73.0	73.7	75.8	67.5	69.9	77.1	71.8	69.4	74.3	74.5	76.6	74.6	66.5	66.6
	3	68.0	59.8	61.9	70.1	62.8	63.7	66.0	76.7	74.6	73.5	69.3	70.5	65.9	63.6	62.3	74.7	73.9	75.1	75.4	69.8	72.1	78.3	72.0	72.0	75.3	67.3	80.3	76.0	65.3	69.7
	4	71.6	59.1	69.0	68.3	67.9	68.7	67.8	74.8	73.2	70.6	71.8	71.5	70.7	63.8	65.5	73.3	75.1	75.8	69.8	69.0	76.2	77.7	70.3	73.6	76.2	68.9	75.6	75.9	70.2	73.8
	5	72.5	61.1	71.4	70.8	67.6	72.3	70.7	64.7	75.5	59.7	69.4	69.5	72.3	64.5	68.8	69.5	72.3	72.9	75.4	69.0	69.3	76.2	68.0	73.4	73.8	71.0	79.4	71.1	73.9	68.1
	6	72.8	64.3	63.0	74.3	70.4	70.6	74.1	67.0	74.8	62.2	71.0	67.1	75.2	66.1	71.3	71.8	65.5	68.1	72.3	69.6	64.8	73.5	65.6	76.9	75.0	69.3	75.0	72.3	76.3	71.4
	7	74.6	68.0	62.0	71.7	66.8	67.7	72.5	72.9	72.7	67.5	71.9	67.3	78.4	70.1	72.5	76.1	59.7	71.3	57.0	70.5	71.5	69.5	69.0	78.9	76.0	70.6	65.1	74.3	76.5	74.6
	8	76.6	70.9	66.5	71.5	69.1	65.6	70.9	74.5	74.6	71.8	73.2	70.0	77.6	71.9	71.0	76.8	58.5	71.7	57.6	74.0	76.3	69.0	71.1	72.8	76.6	71.5	64.1	70.0	77.8	78.2
	9	75.9	70.7	69.3	70.5	71.3	65.7	70.5	75.3	76.9	57.5	74.3	73.3	73.2	73.6	68.5	69.4	58.6	72.1	65.1	71.8	78.6	69.4	72.3	66.3	76.0	67.3	67.5	76.3	75.9	80.5
	10	74.0	74.5	64.5	71.8	72.6	59.6	69.8	66.1	77.9	63.5	74.8	72.2	59.8	73.7	68.3	68.7	64.7	72.5	71.0	68.0	79.4	73.3	73.5	67.9	77.4	67.4	70.8	69.0	73.0	77.3
	11	75.3	73.8	67.5	73.9	74.3	61.3	69.4	60.4	76.8	69.2	75.0	73.3	58.9	74.4	68.4	68.5	74.6	72.7	74.5	70.3	80.4	74.1	78.7	69.8	77.5	70.0	71.2	66.8	73.8	71.8
	12	75.0	69.2	69.6	75.6	74.0	67.4	73.8	62.6	79.7	70.2	77.5	67.6	65.3	71.5	71.0	69.5	75.8	76.9	74.0	69.2	77.9	72.3	78.4	72.3	76.0	71.4	73.2	68.7	77.9	80.8
	13	75.2	68.4	72.3	76.9	74.2	73.9	74.7	64.7	71.5	72.5	80.0	72.5	67.8	70.1	72.6	68.9	72.8	65.4	74.0	69.4	73.8	72.5	76.2	74.5	76.9	73.3	72.7	71.9	79.0	84.8
	14	73.5	69.0	72.8	77.4	69.2	74.5	63.9	67.1	71.3	67.6	78.3	68.9	70.0	58.2	65.6	70.3	76.6	60.8	68.6	70.3	73.2	70.3	75.8	77.2	78.1	73.2	73.1	75.4	79.3	81.9
	15	76.6	69.3	73.6	79.0	69.8	73.9	64.8	69.5	77.8	70.8	78.7	72.0	70.9	61.3	61.4	73.0	70.5	55.0	70.0	68.8	75.0	72.0	75.7	74.0	79.0	72.4	73.7	76.7	72.0	79.7
	16	77.3	70.3	70.0	78.0	71.5	68.3	65.6	74.2	74.8	72.1	76.6	73.7	70.3	63.9	60.4	73.7	59.5	60.7	68.4	69.2	78.7	72.0	76.7	64.8	75.7	71.7	73.3	63.3	69.8	66.5
	17	72.3	70.6	63.6	75.4	74.9	66.8	69.0	75.7	59.9	74.3	70.7	75.5	72.4	67.4	62.3	75.3	69.1	64.1	69.6	70.2	73.7	72.0	74.2	70.3	75.6	69.5	73.2	64.9	72.9	73.8
	18	74.0	72.7	66.4	73.7	76.8	70.9	61.6	75.5	62.0	73.0	58.8	74.9	73.0	67.8	65.4	75.8	69.3	67.3	68.0	68.1	74.3	74.4	76.8	73.3	79.7	69.5	74.2	70.0	77.2	75.5
	19	74.9	71.5	66.4	71.3	77.7	72.6	63.3	77.1	62.5	70.7	61.1	74.3	72.2	69.0	67.0	77.4	68.7	69.9	70.8	67.4	78.4	73.4	79.6	70.5	80.1	69.7	74.8	73.2	74.4	80.3
	20	71.7	73.9	69.4	74.8	77.2	74.1	66.5	72.6	66.5	71.3	66.6	75.8	72.9	68.7	68.6	78.8	69.3	72.6	72.5	69.1	78.3	71.3	69.2	65.3	73.9	70.4	73.9	72.8	65.9	80.0
	21	68.7	71.7	72.1	73.9	77.6	74.6	69.9	72.3	70.1	73.5	69.2	78.5	73.8	69.8	69.8	77.5	68.3	71.8	71.9	70.3	76.4	70.8	69.5	67.2	76.6	73.1	74.0	73.3	66.3	75.5
	22	69.8	76.6	61.9	74.9	78.2	75.7	76.3	69.3	73.0	70.1	71.9	79.3	74.5	73.4	71.9	76.0	69.0	71.4	71.5	71.5	75.7	69.5	70.5	70.1	78.3	74.1	75.5	74.0	68.8	74.4
	23	69.2	75.0	62.8	72.0	78.3	76.8	69.6	63.9	78.0	69.6	72.9	76.1	70.0	73.3	68.1	76.3	68.7	70.0	72.5	72.5	76.4	65.4	71.3	73.8	74.3	75.5	76.6	75.8	71.1	79.9
	24	78.0	77.5	67.5	73.0	75.8	72.6	67.1	64.2	79.8	75.1	73.8	75.9	71.6	72.9	62.6	78.7	72.3	72.6	74.7	74.7	77.3	62.3	71.5	76.1	77.9	74.6	73.3	75.7	73.3	73.6
	25	73.3	75.9	72.8	73.0	66.1	75.2	70.5	67.3	77.2	76.7	71.8	78.0	74.3	74.3	62.7	78.8	74.3	72.7	72.9	75.6	75.6	65.0	74.1	77.0	79.0	74.0	70.5	71.2	74.2	76.1
	26	77.0	70.0	74.9	73.9	68.6	79.5	70.4	69.5	78.8	68.3	66.8	77.3	70.9	76.3	69.0	79.3	77.1	72.1	72.4	72.9	79.9	71.0	75.1	77.1	81.4	73.9	71.6	70.7	75.3	80.1
	27	80.6	61.7	69.2	73.9	74.0	77.9	78.4	73.3	78.8	69.4	66.6	77.6	73.4	69.8	72.5	78.5	78.1	73.3	73.4	72.5	82.8	74.0	74.5	78.4	78.7	75.1	78.4	74.1	74.1	70.4
	28	81.9	61.2	66.6	75.0	72.1	79.3	73.9	73.9	72.8	69.9	68.8	77.7	74.6	69.3	69.5	72.0	75.7	75.0	73.2	68.0	82.0	75.3	73.2	80.3	74.1	76.1	80.3	73.1	74.7	70.5
	29	81.6	62.8	67.5	74.8	73.7	81.9	71.4	73.8	72.9	73.8	69.9	77.6	75.6	72.8	71.2	71.2	76.0	71.1	73.6	69.0	76.0	76.0	74.8	79.1	78.0	78.1	79.2	73.3	75.6	75.7
	30	81.7	64.2	68.3	73.5	74.8	74.7	69.6	73.0	63.5	71.2	68.8	78.1	73.3	75.2	75.2	70.0	73.8	68.0	73.5	74.7	72.7	76.8	74.3	76.7	74.0	78.4	77.5	73.1	77.9	73.2
5		**77.9**	**74.0**	**74.9**	**76.3**	**78.9**	**78.6**	**75.5**	**77.2**	**74.1**	**77.6**	**75.1**	**77.0**	**79.1**	**76.5**	**74.9**	**76.9**	**75.1**	**77.3**	**76.5**	**77.8**	**77.5**	**77.2**	**74.7**	**77.2**	**78.6**	**76.5**	**76.3**	**75.5**	**78.4**	**76.8**
	1	80.2	69.9	69.4	76.7	77.2	72.4	72.8	73.0	60.1	70.8	70.0	79.9	73.6	78.1	72.9	70.0	74.1	69.0	73.7	78.7	75.5	77.0	72.6	78.4	73.7	77.6	76.8	72.9	76.8	69.9
	2	77.7	71.9	72.0	76.3	78.0	73.7	75.0	71.8	63.2	71.9	71.8	79.3	76.7	77.8	73.3	70.5	75.2	71.0	75.7	80.0	77.0	76.8	70.5	73.2	71.0	78.4	74.9	72.6	76.5	73.1
	3	77.0	72.9	72.5	75.6	76.1	77.4	80.6	72.5	68.3	71.8	68.0	82.3	78.3	72.4	72.7	74.2	77.7	74.5	77.8	80.2	77.1	77.1	73.0	69.8	72.3	78.2	74.8	75.0	78.8	75.0

4	77.7	73.0	76.6	78.3	76.1	80.0	73.6	67.7	69.8	72.2	71.2	83.3	77.6	69.7	71.1	78.2	78.1	76.5	78.1	81.9	75.5	76.2	74.0	71.7	73.6	70.6	77.0	75.2	76.8	77.4
5	78.9	74.7	75.9	74.0	77.8	79.7	68.5	71.1	74.3	73.5	71.6	80.4	80.0	68.8	70.8	75.5	78.3	76.7	78.4	79.9	72.7	78.0	70.4	75.2	74.1	70.8	72.0	75.3	74.6	79.1
6	76.8	74.8	76.5	73.2	78.3	79.3	70.8	74.1	78.3	72.6	73.3	78.8	81.3	72.0	66.4	77.8	74.9	76.8	78.6	77.2	74.0	79.7	69.1	75.7	75.2	67.6	67.2	75.0	78.2	79.0
7	78.3	62.3	75.0	75.3	76.0	78.2	72.8	77.5	74.3	73.2	71.6	78.3	80.8	74.0	68.4	79.5	68.3	76.5	79.8	79.9	75.4	76.2	68.3	77.2	76.7	68.8	68.9	78.1	78.7	70.1
8	78.3	61.4	75.0	77.6	76.0	78.3	73.7	79.8	74.4	73.2	70.9	77.9	81.3	72.8	71.3	78.7	70.4	79.3	81.8	80.5	75.9	75.3	72.2	79.2	76.0	71.6	73.4	75.3	77.8	71.0
9	78.0	68.1	72.6	77.7	78.1	78.6	76.4	79.4	73.0	74.4	71.0	78.2	81.7	73.3	72.6	77.0	75.6	80.6	82.0	77.5	79.0	76.4	73.5	79.0	79.4	73.3	75.3	75.8	76.8	74.3
10	78.6	71.8	73.0	78.2	78.1	78.3	73.3	79.2	73.5	76.9	72.1	78.3	82.8	73.7	73.9	79.6	74.1	81.8	83.7	74.1	79.4	76.9	77.3	79.6	81.2	76.2	76.8	75.8	78.8	74.0
11	77.0	73.5	72.8	77.9	76.8	78.8	72.2	78.0	74.3	79.7	70.1	78.8	82.9	76.7	71.3	77.5	77.3	81.5	79.3	74.7	80.5	75.8	76.8	79.7	81.0	77.1	80.1	78.6	79.5	74.8
12	76.9	73.3	76.4	77.9	78.9	78.9	70.5	77.2	72.0	80.8	71.7	78.7	81.4	76.9	73.5	74.0	78.5	77.7	76.2	74.8	80.0	75.0	78.0	78.3	80.8	76.3	78.6	73.9	78.4	74.1
13	74.5	75.0	75.5	78.1	81.4	78.8	74.6	78.8	76.2	80.8	73.8	79.9	79.0	76.6	74.2	71.2	76.9	73.5	77.1	75.1	78.6	74.4	74.6	78.9	81.1	79.1	71.5	74.8	74.0	74.4
14	76.2	74.4	74.7	79.1	83.7	76.6	74.1	77.3	73.5	80.7	75.3	74.8	76.6	75.7	74.2	76.4	73.3	72.1	77.8	75.7	73.3	75.6	71.5	78.2	81.0	79.5	74.6	71.9	72.7	75.3
15	78.5	75.5	74.6	79.8	82.3	77.0	75.3	76.7	73.9	78.8	76.3	73.1	79.2	75.3	74.4	75.1	74.8	74.3	77.7	77.1	74.6	76.5	72.6	77.5	77.8	75.5	76.3	74.9	75.5	76.8
16	77.7	76.5	77.0	79.9	82.3	77.3	74.8	75.5	71.6	77.1	78.6	76.5	81.5	75.7	76.2	68.4	75.3	78.9	78.2	76.5	70.6	72.1	73.9	72.2	78.2	77.5	77.5	74.4	75.6	77.6
17	78.3	75.8	77.2	78.2	82.3	78.9	76.1	75.2	73.6	75.8	78.8	79.5	80.7	76.1	77.7	72.0	75.6	81.0	77.5	74.9	71.4	76.4	75.5	71.1	79.0	76.9	77.8	73.7	75.8	80.0
18	78.4	75.3	79.2	76.9	83.1	79.7	76.2	75.2	73.0	75.8	78.3	80.1	81.3	75.6	77.2	71.8	75.6	80.0	71.0	78.3	72.4	76.3	78.3	73.0	78.9	78.4	78.1	75.5	75.9	77.4
19	77.5	74.5	77.2	73.1	82.3	80.3	77.8	77.2	74.5	76.0	77.0	72.1	81.3	76.4	76.5	76.1	75.1	78.0	68.6	78.8	77.4	76.7	76.4	75.0	80.4	77.3	78.3	74.3	77.6	79.6
20	75.9	74.7	76.8	69.1	76.5	81.0	81.2	76.2	75.1	75.2	77.7	70.9	77.9	76.1	77.0	79.5	73.0	79.9	69.8	79.7	80.0	76.3	77.1	75.8	79.9	77.5	80.2	73.2	79.9	80.2
21	77.2	74.8	75.0	67.4	77.8	75.3	81.1	81.0	76.0	77.7	80.0	71.0	77.1	76.4	76.9	79.7	73.5	81.3	72.8	79.8	81.9	76.1	73.4	75.5	81.8	79.7	78.3	74.5	80.2	79.7
22	79.5	74.5	71.1	69.1	77.5	80.4	78.5	81.3	75.6	79.7	80.1	71.3	74.3	76.3	75.9	81.0	74.6	78.3	72.4	78.8	82.0	78.9	74.8	78.7	82.7	79.4	78.5	75.4	79.5	79.7
23	76.7	75.4	72.1	73.9	77.0	81.2	76.8	80.9	74.4	81.0	78.8	73.8	73.8	77.1	79.0	80.6	76.1	78.0	75.3	78.7	80.2	78.8	77.5	81.8	81.8	77.7	77.8	77.9	79.1	81.4
24	76.8	76.7	74.2	76.6	77.9	81.3	77.3	80.4	77.7	81.6	76.8	73.5	76.0	77.4	80.3	80.9	75.7	77.9	74.0	78.0	79.4	79.3	80.2	83.8	80.9	77.3	75.3	79.6	78.5	79.5
25	80.0	77.5	74.1	77.9	78.0	78.3	77.4	81.5	79.7	82.5	76.0	73.4	78.5	77.6	77.7	79.1	74.0	77.5	74.4	76.3	78.9	81.6	77.0	82.6	79.8	77.6	75.2	77.1	80.0	74.2
26	78.8	77.6	75.4	79.4	78.7	80.8	80.0	81.4	78.8	83.6	77.9	75.0	80.7	80.5	73.8	78.1	73.5	75.2	74.3	77.3	79.6	80.5	73.4	78.3	82.3	76.6	73.4	76.4	81.0	79.0
27	78.9	76.3	74.7	78.6	78.3	82.5	79.8	79.8	78.0	84.6	78.3	77.5	80.6	82.3	75.8	80.6	74.0	76.1	75.9	78.1	79.3	80.2	75.3	78.7	80.3	78.1	76.1	76.5	82.3	77.4
28	80.2	75.5	76.0	77.2	79.0	79.1	73.6	77.2	77.8	85.5	74.0	78.4	78.7	82.0	80.3	80.1	76.2	77.2	75.5	77.6	79.4	76.0	77.5	78.8	78.6	79.6	78.5	78.8	83.5	77.2
29	81.3	77.2	75.6	74.1	79.2	76.3	74.3	79.0	78.5	82.0	77.0	78.0	77.6	81.9	79.1	80.5	76.6	77.0	77.8	75.1	80.5	75.3	76.1	79.1	78.5	79.0	81.9	78.3	81.4	79.0
30	77.1	77.5	75.5	77.3	80.9	80.1	75.5	77.7	76.8	78.0	80.3	78.5	78.2	82.5	81.1	79.7	76.7	78.2	80.2	78.4	79.2	82.4	78.3	78.3	79.5	78.6	81.3	75.6	82.4	79.8
31	77.3	80.3	78.5	79.5	81.8	77.0	75.9	79.6	76.8	76.9	79.0	75.3	80.0	85.3	75.3	79.5	76.4	79.8	77.4	79.7	80.4	79.3	78.1	77.8	79.9	78.8	78.3	75.7	83.8	81.0
6	**79.2**	**79.3**	**80.2**	**79.3**	**78.4**	**79.7**	**78.4**	**83.8**	**77.8**	**79.5**	**78.7**	**77.5**	**78.8**	**80.7**	**78.5**	**79.6**	**79.2**	**79.1**	**80.7**	**81.4**	**81.0**	**78.3**	**79.8**	**79.7**	**81.2**	**81.3**	**77.3**	**79.7**	**81.3**	**81.0**
1	76.0	80.5	80.4	78.3	81.6	75.5	73.6	82.5	77.2	79.0	74.2	77.0	81.1	83.8	73.5	78.0	73.2	80.7	78.2	79.9	76.1	73.4	79.3	77.3	79.2	79.6	78.0	79.5	83.4	82.3
2	78.3	78.1	79.5	75.7	76.8	75.1	76.0	84.3	78.3	78.7	79.2	81.3	79.7	81.7	75.3	78.8	76.5	79.9	78.2	80.3	79.3	80.0	79.9	77.5	74.5	81.7	75.6	81.3	82.6	77.5
3	80.3	76.0	80.6	76.8	78.4	76.1	75.6	84.5	79.6	81.6	79.1	84.6	77.0	78.8	74.3	80.3	78.8	79.8	77.8	76.8	79.8	80.3	79.5	76.0	77.1	82.5	76.5	80.2	83.8	78.3
4	80.4	79.8	80.9	75.3	77.6	78.4	77.3	85.1	76.3	81.7	80.0	82.0	76.3	75.9	75.9	78.2	80.5	81.5	76.3	77.8	79.5	81.3	77.8	77.1	79.8	83.3	75.3	84.0	83.2	74.7
5	78.5	80.4	82.5	77.2	80.4	79.6	78.2	85.8	77.6	82.7	79.5	81.6	77.4	76.0	76.1	80.5	81.4	81.8	76.4	81.1	80.8	78.3	76.0	78.8	78.4	80.4	76.8	82.2	83.0	77.3
6	73.2	77.5	82.4	77.3	81.5	81.0	76.5	86.1	77.6	83.0	78.1	79.9	78.0	77.0	78.7	78.2	76.3	81.9	75.5	81.8	80.1	75.9	75.5	82.1	77.7	78.5	75.7	77.6	80.0	77.3
7	74.7	79.3	84.5	74.1	80.9	81.5	73.4	81.7	76.0	81.9	77.9	76.6	77.8	78.4	79.9	77.5	79.0	81.0	74.0	81.3	80.4	75.3	79.5	83.3	80.6	80.2	73.3	77.9	82.6	78.8
8	76.8	79.8	83.6	74.2	82.8	78.8	75.1	78.0	76.5	79.8	78.5	76.3	78.2	79.7	81.1	80.2	78.2	80.6	76.5	81.0	80.3	76.6	77.4	80.3	79.8	81.4	74.9	75.5	79.8	81.6
9	77.0	81.2	83.0	79.9	83.8	79.4	75.1	79.9	76.1	77.8	81.6	78.8	77.4	80.0	77.8	83.0	81.0	79.0	79.0	78.5	79.7	76.7	79.4	81.8	79.8	77.7	76.7	78.5	78.2	82.3
10	77.1	81.4	82.8	79.5	80.5	79.0	76.0	83.6	79.0	76.5	79.0	77.8	81.0	78.3	78.8	82.0	80.7	77.8	82.2	79.6	80.7	80.2	80.1	80.2	74.9	80.7	76.8	79.7	76.9	81.0
11	77.3	82.2	82.5	79.7	80.2	79.0	77.4	83.0	79.6	75.8	79.7	77.9	81.3	79.2	80.2	77.7	78.9	78.5	83.3	81.0	81.4	79.5	78.6	75.4	79.1	80.8	77.5	78.1	78.7	80.6
12	78.2	80.3	78.8	80.5	77.9	79.3	77.7	85.5	77.4	79.3	82.3	80.2	79.6	82.7	80.1	74.8	77.1	77.8	83.6	82.7	82.0	77.9	81.1	75.0	78.7	80.5	76.8	77.7	78.8	81.1
13	79.5	77.9	80.9	82.0	76.8	81.8	76.8	84.0	79.3	80.7	82.0	80.0	80.4	83.1	81.2	78.5	74.6	77.2	80.4	83.2	85.0	80.0	81.9	76.2	83.0	84.0	75.2	79.8	77.0	79.8
14	81.5	79.5	78.8	81.0	75.9	82.4	76.9	85.5	80.9	82.2	78.4	79.4	81.9	79.8	81.3	80.8	75.0	80.5	80.4	85.7	83.5	77.8	82.9	75.0	83.1	83.8	74.5	79.0	78.5	79.0
15	80.5	78.4	79.8	81.8	76.0	79.3	80.2	84.7	80.5	82.3	78.5	78.5	80.7	79.2	80.5	83.0	78.0	78.7	82.6	82.9	82.0	78.7	81.3	77.3	83.5	82.5	73.5	78.7	80.7	80.3
16	82.1	79.8	79.5	79.4	77.7	78.5	81.3	85.7	77.1	82.2	80.7	77.2	79.9	81.7	80.1	82.1	79.4	76.3	82.6	83.3	82.6	79.1	81.0	77.7	84.7	82.1	73.4	79.2	78.3	77.9
17	79.0	80.0	78.9	75.0	77.0	78.8	78.0	86.5	75.3	80.3	79.5	74.2	81.6	80.9	79.3	80.3	79.5	80.9	82.0	79.4	82.8	78.0	80.3	79.6	84.6	82.3	77.0	81.0	77.7	79.0
18	80.4	80.0	78.3	76.9	75.9	82.0	82.9	85.3	76.2	82.2	79.0	73.9	79.1	81.0	80.4	76.5	79.7	79.4	78.8	78.8	81.2	77.6	81.5	79.1	84.9	81.0	77.8	82.5	79.1	78.6

19	79.4	80.0	79.5	79.2	77.0	79.1	83.8	85.5	76.5	81.7	77.0	76.1	75.6	82.8	79.4	80.1	79.9	78.5	81.9	80.6	81.3	77.5	82.2	78.7	83.3	79.1	76.7	81.5	77.7	78.4
20	81.2	80.4	78.8	78.5	77.6	77.8	80.1	83.5	77.1	81.7	80.5	73.5	76.0	81.5	78.5	81.5	81.2	78.7	85.3	78.5	84.1	76.8	79.5	80.1	81.0	78.9	80.1	81.1	82.8	80.7
21	79.9	81.7	80.6	80.0	76.7	78.2	79.7	80.8	77.8	81.2	78.7	74.5	77.5	80.5	77.3	82.1	82.3	76.0	87.5	80.5	85.3	79.8	78.5	81.9	84.9	77.8	80.9	79.4	85.7	82.9
22	80.5	82.5	79.4	80.4	77.5	80.2	80.3	82.8	78.2	80.4	74.7	72.6	75.8	83.0	75.6	82.5	80.8	75.0	88.6	81.6	85.5	78.3	81.6	81.9	86.0	81.2	80.8	81.1	84.9	82.6
23	81.3	80.0	79.1	82.0	74.3	83.4	79.3	84.9	80.0	76.3	73.9	75.5	78.2	84.5	76.1	82.6	82.5	79.9	82.5	83.2	85.2	78.2	79.1	79.4	83.7	83.4	80.0	81.0	83.8	81.1
24	79.4	76.5	79.6	83.8	72.3	83.1	78.3	86.1	80.1	77.2	73.8	75.4	78.5	83.3	75.7	78.5	81.5	80.5	80.0	83.2	81.7	75.8	81.5	82.3	83.1	84.6	81.5	79.8	86.1	84.4
25	78.2	77.1	78.7	82.5	76.0	83.3	81.1	81.8	77.9	76.3	78.8	75.9	78.5	82.9	79.6	77.0	78.5	77.6	82.2	83.6	77.8	78.6	81.8	84.2	80.0	85.5	81.7	80.5	86.2	84.8
26	80.0	79.3	77.6	82.7	75.7	82.6	81.6	81.4	77.6	75.4	80.7	75.2	79.3	81.8	81.9	75.7	80.2	76.1	80.9	84.3	80.8	79.9	79.7	82.4	82.2	81.0	79.4	81.3	84.8	85.4
27	80.8	77.4	77.5	83.6	81.2	78.2	78.5	81.8	77.5	75.0	77.7	78.2	79.1	79.7	80.1	78.5	81.7	79.6	81.5	82.6	79.9	78.0	79.9	80.2	82.1	81.3	76.9	78.7	83.3	85.3
28	83.1	75.4	77.7	82.5	80.8	78.6	78.8	83.7	76.7	77.3	77.0	78.5	77.5	81.8	79.0	78.9	79.3	79.0	83.1	83.2	79.7	78.6	79.3	83.4	83.2	82.0	76.8	79.8	81.9	85.2
29	82.1	77.4	79.4	80.0	80.9	81.1	79.7	84.7	78.2	77.7	80.8	77.9	78.7	80.0	77.9	79.3	78.7	79.5	82.0	84.1	76.8	80.7	79.5	83.9	79.0	79.8	79.2	77.7	78.3	86.6
30	81.0	79.5	79.0	80.2	80.0	79.4	82.6	84.3	77.1	76.6	80.3	75.0	81.0	81.8	78.4	82.3	81.6	78.4	78.2	82.0	76.5	81.0	76.9	81.8	84.2	80.3	79.0	76.0	81.6	84.8
7	**80.4**	**83.0**	**81.8**	**79.3**	**80.8**	**81.6**	**80.1**	**82.0**	**81.4**	**80.4**	**79.4**	**79.9**	**80.2**	**81.1**	**83.0**	**80.7**	**80.4**	**79.0**	**80.1**	**82.7**	**81.8**	**81.5**	**79.6**	**80.9**	**81.4**	**83.4**	**80.5**	**80.4**	**81.3**	**81.8**
1	78.9	83.5	80.1	77.8	82.8	79.8	82.2	85.7	76.6	76.7	80.8	76.4	80.6	81.3	79.3	81.7	80.1	76.5	77.3	79.4	78.3	81.9	76.2	82.9	84.0	79.8	77.5	79.4	83.8	81.5
2	79.2	85.2	78.8	78.3	81.8	82.2	83.4	88.6	76.8	79.2	81.2	75.2	78.4	79.8	81.3	79.3	78.4	76.9	78.5	78.0	80.9	83.9	76.4	80.8	80.4	78.7	80.0	82.0	85.8	81.8
3	81.6	85.1	80.7	77.4	82.2	82.6	86.5	87.2	78.8	79.5	82.3	79.8	78.8	79.4	81.8	81.7	78.0	76.9	82.7	77.5	82.0	83.0	78.1	81.8	81.2	82.5	80.3	82.3	85.3	81.6
4	81.1	86.9	84.4	77.7	84.5	78.9	83.7	84.9	78.4	80.4	80.3	77.2	80.4	80.0	83.3	81.0	77.9	77.1	81.9	77.1	82.4	79.8	79.2	79.8	81.4	85.0	80.5	78.5	82.3	80.4
5	80.7	86.2	81.1	80.6	83.9	77.5	77.5	81.9	81.1	82.0	76.2	76.1	82.0	81.8	84.3	79.6	77.3	80.5	81.4	77.2	84.2	82.3	81.1	79.2	81.4	86.4	82.8	77.0	83.9	77.9
6	81.6	84.3	82.2	78.3	82.8	76.8	75.8	79.5	80.1	83.2	80.1	78.5	83.1	82.3	83.5	81.6	79.7	80.6	82.4	80.6	83.9	82.8	81.9	76.5	79.5	86.0	82.9	76.5	80.5	78.4
7	83.8	82.0	80.4	78.7	82.3	79.1	81.3	78.8	80.0	81.9	78.8	78.9	82.4	78.8	83.8	77.4	81.9	78.2	78.6	81.1	79.1	83.7	82.4	79.6	77.9	86.4	83.4	77.7	78.2	79.5
8	85.1	84.2	79.5	81.5	82.0	81.4	80.1	80.2	81.6	78.3	78.5	77.5	83.5	81.1	84.5	78.7	83.1	76.6	78.7	80.5	77.8	83.5	82.5	80.6	81.1	86.5	78.7	80.3	79.3	80.5
9	80.3	85.7	82.5	81.0	83.8	79.5	79.4	82.6	79.8	79.0	76.3	78.2	83.1	83.5	82.3	79.6	84.2	80.7	77.1	83.0	81.6	82.8	81.8	78.5	82.5	86.0	80.2	81.0	80.1	84.9
10	78.6	83.7	79.9	81.8	81.6	81.9	80.2	79.5	81.5	80.5	79.5	77.5	82.9	84.0	80.3	80.5	84.2	82.5	76.0	85.2	81.8	80.9	80.7	79.5	83.7	83.5	81.0	82.5	81.3	82.6
11	79.2	83.4	80.4	82.2	78.2	82.5	75.5	81.9	81.9	82.7	79.8	76.9	82.7	78.5	82.3	79.5	84.5	80.0	76.8	79.8	81.8	76.8	80.0	80.3	83.0	84.3	81.7	84.0	79.7	81.0
12	76.3	83.5	79.8	81.1	78.5	80.2	78.2	78.8	81.9	83.9	79.0	77.3	79.3	80.3	81.8	78.9	82.5	77.2	78.8	82.0	82.3	79.3	78.7	80.3	82.8	84.2	80.3	82.8	78.6	83.2
13	74.4	79.8	82.1	79.5	77.8	80.3	81.0	79.8	81.3	82.0	79.3	77.4	78.0	83.5	82.5	79.8	82.0	77.3	79.8	83.7	82.5	81.3	77.8	80.6	83.9	81.2	81.7	82.7	79.6	84.7
14	79.4	80.5	77.6	79.6	80.6	82.7	79.3	79.4	79.8	81.1	77.3	82.8	79.0	85.1	81.0	82.6	80.3	81.2	80.7	83.4	84.8	82.5	77.6	80.1	83.3	82.4	81.5	83.5	84.7	84.7
15	78.3	81.0	79.3	80.8	82.8	81.9	79.8	78.6	80.8	76.8	77.7	83.8	77.4	81.8	82.2	82.7	79.6	77.0	81.8	80.4	80.1	78.8	78.3	77.8	82.1	83.1	83.0	83.5	82.1	83.1
16	78.8	82.9	81.8	80.3	81.3	81.5	79.4	79.3	81.4	82.1	80.8	85.1	78.5	80.3	83.0	82.4	81.0	76.3	83.8	82.9	80.9	77.2	78.1	76.7	80.5	83.8	82.8	82.6	83.8	82.8
17	80.7	82.0	83.3	81.2	75.7	82.4	80.2	82.8	80.5	85.3	78.2	84.4	80.3	80.9	83.9	79.0	84.0	77.6	83.4	83.8	81.8	77.5	79.1	80.9	79.2	83.3	79.8	81.7	83.0	84.0
18	83.5	80.1	85.0	80.8	76.6	81.7	78.6	82.9	79.6	83.5	78.5	81.9	81.7	79.3	84.4	81.1	83.2	77.9	81.1	83.5	81.0	80.0	78.1	83.2	80.5	83.5	79.3	79.2	81.3	82.7
19	83.0	77.6	85.7	80.6	82.4	81.7	76.0	78.5	82.3	82.2	80.3	81.2	79.0	77.0	82.4	81.4	80.7	80.8	77.6	85.0	80.8	80.6	77.1	83.4	84.1	80.8	78.8	79.7	82.1	84.3
20	81.2	79.8	81.3	78.8	81.5	83.5	78.3	79.0	82.6	83.7	78.6	79.3	82.0	78.1	84.9	78.9	82.1	83.5	76.3	84.9	83.5	82.3	78.4	82.4	82.9	83.5	77.8	78.8	81.4	81.9
21	83.0	82.1	81.3	77.9	80.6	84.9	80.8	79.8	84.4	78.2	77.8	75.6	81.5	81.3	84.9	79.2	79.6	81.2	80.5	84.6	84.0	84.0	79.0	80.3	81.4	82.0	76.8	81.4	80.2	83.0
22	83.9	82.2	81.2	79.3	82.5	84.3	80.2	82.6	79.6	77.9	78.8	77.9	78.6	82.0	84.3	80.5	78.7	78.2	81.9	84.0	79.5	80.5	79.0	79.6	80.6	82.3	76.6	79.8	81.3	80.8
23	82.0	81.9	80.5	80.3	83.6	82.9	82.0	83.7	82.1	79.6	76.5	82.5	80.4	82.8	84.3	80.6	75.9	76.8	81.1	82.0	80.3	78.3	78.8	81.8	83.8	81.3	78.5	79.3	80.1	78.7
24	80.2	82.0	81.7	78.2	81.5	81.5	82.3	83.8	84.0	75.0	80.4	83.0	80.1	82.4	84.5	79.4	77.8	79.8	82.3	84.0	83.8	79.6	80.6	82.3	81.2	82.4	81.3	78.7	78.3	82.0
25	79.0	83.5	84.3	77.6	77.9	83.3	82.3	84.1	83.2	76.8	78.6	82.7	77.6	82.8	84.0	84.0	79.7	81.2	81.6	85.0	83.6	83.5	78.9	80.8	79.8	82.5	83.9	80.1	77.9	83.3
26	79.3	85.0	82.5	77.4	78.4	83.9	79.4	83.6	80.4	78.4	79.6	81.4	77.8	80.9	84.0	82.5	80.2	81.0	77.7	84.8	79.8	84.5	81.4	81.0	81.6	84.5	84.0	80.8	77.4	81.7
27	79.3	84.5	82.0	78.8	78.0	82.3	78.6	85.3	83.0	80.3	80.3	82.5	81.8	79.0	85.3	82.1	80.5	79.4	79.3	87.5	79.9	84.2	80.7	83.8	79.6	85.8	81.7	80.9	80.0	79.3
28	81.0	84.3	82.8	78.3	78.7	81.9	79.6	84.4	84.1	82.0	81.3	81.3	80.1	79.9	85.1	81.5	76.9	80.5	81.9	83.4	82.0	84.4	78.7	85.0	79.0	86.1	82.0	79.5	82.3	77.6
29	81.3	84.5	86.2	76.1	78.5	82.5	78.7	81.3	85.0	81.7	82.3	81.5	79.8	82.1	83.9	81.0	78.8	79.8	82.2	83.9	83.6	84.7	81.0	81.7	79.6	81.8	81.6	79.0	82.0	80.3
30	78.9	83.0	84.6	77.0	81.1	83.0	81.5	82.8	83.8	77.1	84.8	81.8	78.0	83.2	80.3	82.3	80.1	78.8	79.3	86.8	84.0	80.7	83.3	83.2	80.5	82.3	78.4	79.8	82.0	82.9
31	77.5	81.7	82.5	80.0	81.3	80.9	80.5	81.8	85.7	81.0	78.5	81.9	78.2	80.8	80.8	80.8	79.1	77.9	79.6	87.4	82.3	80.4	81.2	84.0	80.0	83.0	75.6	78.7	80.8	84.0
8	**81.2**	**79.7**	**81.3**	**78.7**	**81.3**	**79.5**	**80.6**	**81.5**	**81.1**	**80.3**	**80.3**	**79.2**	**79.2**	**80.4**	**82.8**	**81.4**	**83.0**	**80.1**	**81.4**	**82.0**	**81.4**	**80.2**	**81.8**	**81.9**	**80.8**	**81.6**	**81.3**	**81.0**	**80.9**	**82.0**
1	78.8	81.1	84.3	80.9	79.3	79.4	79.4	79.6	82.9	80.5	75.6	80.4	79.7	78.9	79.9	82.9	78.0	78.1	83.0	83.0	81.2	79.0	80.8	82.0	76.5	83.2	81.1	80.7	78.2	84.9
2	81.4	80.2	83.9	80.6	76.1	79.7	78.6	80.5	82.0	78.5	74.0	78.3	77.8	81.9	82.5	83.9	76.6	80.7	82.8	83.5	82.3	84.0	82.7	83.8	75.8	83.2	77.4	82.0	79.0	82.1

3	81.8	78.6	84.0	81.4	78.6	77.6	77.8	80.2	81.4	79.2	75.0	76.1	78.6	81.1	82.6	82.9	82.1	82.1	80.0	84.8	81.8	80.0	80.5	82.1	77.2	81.5	80.0	81.3	79.1	84.6
4	83.7	77.4	84.8	81.0	79.4	79.6	78.0	79.6	78.4	80.5	76.4	80.0	78.9	80.5	82.9	79.3	84.3	82.5	79.3	84.0	83.8	81.0	81.2	80.1	80.2	78.7	81.8	82.8	81.6	83.2
5	81.9	78.7	85.0	80.2	82.2	81.4	80.3	76.8	79.3	79.8	77.9	82.4	78.6	81.4	79.3	81.2	85.3	82.5	79.8	83.0	84.5	80.8	81.8	81.5	83.4	81.0	81.7	82.8	79.3	78.5
6	83.6	79.7	84.6	77.1	82.7	81.2	79.8	77.3	80.7	79.3	78.7	84.5	80.6	82.4	80.6	83.3	85.6	84.1	80.3	83.8	84.8	80.4	82.2	82.4	82.8	81.1	82.5	82.4	78.0	81.4
7	84.0	80.2	83.9	76.9	83.1	81.5	78.4	79.5	83.2	82.7	80.7	78.7	78.0	80.5	79.6	81.9	83.5	85.3	82.0	81.2	83.1	79.8	83.3	80.2	81.5	79.6	83.7	83.3	77.5	81.5
8	84.8	79.3	82.8	77.0	81.5	78.5	79.1	79.9	83.5	82.4	83.0	78.4	79.7	78.9	79.2	82.8	84.8	79.9	81.5	78.8	80.5	81.5	83.0	80.6	80.9	77.2	84.1	82.7	80.1	83.8
9	80.9	78.5	82.5	78.7	81.8	80.8	80.8	82.0	79.3	81.0	79.7	79.3	76.6	80.6	80.6	82.2	84.7	79.1	82.8	81.8	77.3	82.3	81.5	80.1	82.8	78.9	83.8	79.1	81.7	83.5
10	80.9	80.0	79.9	78.5	81.6	80.4	78.9	81.7	80.0	81.5	80.8	78.0	76.3	82.1	84.2	82.8	85.6	81.8	82.9	79.9	79.0	81.7	83.0	79.6	82.4	79.4	84.1	78.3	82.1	83.5
11	83.3	79.9	81.3	78.3	83.0	77.8	80.6	83.5	82.0	82.6	80.3	77.3	77.6	81.0	84.1	85.2	85.7	81.5	83.7	80.7	82.8	80.1	83.4	78.5	82.9	81.4	81.0	80.3	82.5	81.8
12	83.0	76.8	82.0	74.8	79.5	77.0	83.1	83.8	81.5	75.9	82.8	78.0	80.8	80.6	81.9	85.5	83.5	78.7	83.0	83.5	83.8	79.3	83.2	80.9	83.7	81.7	79.7	79.0	81.0	81.3
13	82.2	80.0	83.2	78.1	83.3	78.6	82.5	83.0	83.4	78.8	82.0	76.4	82.2	76.8	83.4	82.6	83.1	79.9	80.9	81.7	82.4	80.9	84.3	82.4	78.4	80.8	79.4	80.3	80.7	83.0
14	83.7	78.3	79.9	76.4	85.6	78.6	83.8	81.1	82.8	78.6	83.9	78.0	79.4	78.3	81.6	82.3	84.6	76.8	79.6	85.0	81.0	79.8	81.1	82.0	78.8	80.8	82.3	80.5	80.7	83.9
15	78.8	78.8	79.8	76.7	86.0	78.1	82.6	82.4	82.0	81.8	81.2	77.4	78.6	78.9	83.2	82.0	82.9	80.0	81.1	84.7	81.8	81.6	82.4	79.9	79.0	83.5	83.8	81.8	79.2	81.9
16	81.0	79.3	82.6	78.0	84.3	79.5	81.2	82.6	81.5	80.7	82.3	81.8	79.9	80.3	85.5	81.6	82.5	79.0	82.1	82.6	81.3	80.8	81.8	78.8	79.8	80.2	81.0	83.6	78.1	81.5
17	83.6	81.0	81.6	78.8	84.6	79.4	82.8	83.2	79.8	79.4	82.8	80.2	81.8	81.2	85.9	79.3	81.8	80.5	82.9	84.1	78.9	79.5	82.4	81.4	80.5	83.1	79.8	83.3	79.5	80.6
18	81.5	79.5	82.8	79.8	84.8	79.8	83.2	83.9	79.4	80.5	80.5	80.8	79.6	79.6	84.7	80.1	82.4	78.3	79.7	84.3	80.4	77.9	82.4	84.2	82.9	81.2	80.1	82.9	81.6	78.9
19	81.2	80.5	85.4	78.3	83.9	79.9	83.0	81.5	78.0	82.9	82.8	79.3	76.7	81.4	85.2	78.6	84.6	75.8	81.3	83.2	80.1	80.8	81.7	85.4	83.3	83.3	82.0	81.7	81.5	79.5
20	77.3	79.8	83.3	81.6	78.1	79.6	81.4	80.8	77.6	80.7	82.5	76.8	76.2	83.8	83.0	79.0	84.9	76.5	82.8	83.8	79.3	82.0	83.4	85.4	81.5	84.3	80.7	81.5	81.1	78.7
21	81.1	81.7	82.5	82.0	78.5	80.5	81.4	79.2	78.9	81.7	78.7	79.0	77.3	78.9	83.3	79.0	84.3	76.5	80.4	80.9	82.4	77.1	82.5	85.0	82.9	85.7	82.1	81.5	83.0	78.5
22	79.4	81.0	82.2	77.0	82.9	80.1	82.1	78.3	77.3	79.2	79.2	78.9	78.2	77.5	84.3	81.7	83.9	78.1	79.6	80.3	82.4	76.0	80.3	82.9	82.3	85.9	83.0	79.7	83.0	80.8
23	79.5	80.8	82.2	77.8	78.9	79.2	80.3	81.4	78.7	81.0	81.0	80.7	77.9	78.7	84.4	81.2	82.5	78.1	78.8	79.9	80.5	79.4	81.9	82.9	84.3	85.6	82.9	79.5	80.7	83.5
24	78.1	82.8	80.0	76.5	76.8	78.9	80.2	81.8	80.0	82.0	81.1	80.6	79.7	78.8	83.8	78.7	81.7	79.8	79.0	77.4	80.6	80.2	79.2	84.3	82.0	82.6	81.5	79.8	82.8	85.1
25	79.0	83.0	78.0	76.0	79.7	78.8	79.9	82.5	82.5	81.5	79.8	81.3	78.9	79.1	83.2	77.4	80.2	80.6	81.2	78.9	81.4	79.3	79.7	83.7	84.9	83.5	79.5	80.5	83.3	85.9
26	81.6	81.7	76.9	78.2	79.3	77.6	79.7	83.3	83.6	79.8	80.5	78.1	79.8	80.8	83.9	78.0	80.0	82.0	80.6	81.3	83.4	79.3	80.1	82.5	81.4	82.7	79.0	81.7	82.1	85.5
27	81.5	82.2	77.5	79.4	81.6	79.8	79.0	84.1	84.2	79.4	80.0	79.2	80.9	81.2	84.3	80.3	81.8	82.7	82.4	79.7	82.3	77.5	80.6	81.5	76.8	82.2	78.4	80.0	81.3	83.2
28	80.0	77.8	76.3	77.8	84.0	81.3	79.0	84.4	84.6	80.5	81.0	79.1	79.6	82.4	82.6	83.6	83.2	81.0	82.5	81.8	83.9	79.6	80.4	82.2	78.4	82.4	78.0	78.5	82.8	83.7
29	79.4	75.6	75.4	78.5	78.6	80.8	81.8	84.5	84.7	77.9	81.8	78.0	80.1	82.0	84.3	83.3	83.9	82.2	83.2	80.6	80.3	81.0	82.0	79.8	80.1	79.8	79.6	77.5	83.0	82.5
30	80.2	77.6	76.4	80.1	79.0	79.4	80.5	80.7	82.5	80.0	82.3	77.8	82.3	81.6	82.5	78.9	83.6	79.4	83.1	81.9	79.0	81.8	82.1	81.2	79.0	78.7	81.8	79.5	82.0	79.0
31	80.2	80.2	76.7	81.8	81.0	79.1	80.5	82.8	79.4	79.7	81.3	79.8	82.5	82.5	81.5	81.1	80.8	80.9	81.4	81.4	78.9	82.1	81.0	82.7	79.8	78.0	83.8	82.7	81.7	77.4
9	**80.1**	**79.2**	**79.1**	**77.3**	**80.0**	**78.8**	**79.2**	**79.1**	**79.0**	**79.7**	**76.8**	**80.3**	**78.7**	**80.1**	**80.6**	**79.2**	**79.7**	**79.5**	**79.8**	**80.3**	**79.6**	**79.0**	**79.4**	**78.6**	**80.2**	**80.4**	**79.5**	**81.7**	**80.8**	**80.2**
1	82.0	79.8	79.6	80.9	79.2	81.2	78.4	82.5	79.5	82.3	81.8	80.5	81.1	79.8	81.6	79.5	80.4	82.6	78.5	80.9	78.8	82.6	79.4	82.8	82.0	78.5	80.9	81.9	82.4	81.4
2	80.8	80.6	79.9	81.2	81.8	82.5	80.9	79.3	80.4	81.9	80.6	82.1	80.8	82.8	81.2	79.1	80.3	82.0	76.3	81.3	79.8	80.4	79.0	82.5	83.2	80.3	77.9	80.3	81.5	83.2
3	80.4	78.4	81.5	80.9	81.0	81.2	79.2	80.9	80.0	80.7	81.5	82.2	79.8	82.9	82.8	78.1	82.2	81.4	78.5	82.8	79.4	80.6	80.1	81.5	83.8	80.3	78.4	78.1	79.3	85.0
4	81.5	78.8	82.3	78.0	79.8	81.3	80.0	80.8	82.3	81.6	81.7	79.5	78.0	79.8	81.9	78.0	83.2	80.7	79.6	82.6	79.1	81.0	80.5	78.3	79.2	80.7	80.3	82.3	79.6	83.1
5	82.5	82.6	80.1	78.2	78.4	82.3	78.1	81.0	82.0	79.5	80.2	78.5	78.1	76.8	79.4	78.5	79.0	79.3	78.0	81.3	81.6	79.3	82.2	78.2	79.6	78.3	80.2	82.5	85.7	85.1
6	83.0	80.3	77.8	78.7	77.4	80.6	77.5	81.4	80.3	78.0	76.9	80.7	79.8	78.9	79.4	80.8	81.8	81.5	79.8	77.8	80.2	77.0	79.3	76.5	80.7	79.8	78.6	81.4	85.1	83.3
7	82.1	80.5	78.3	79.8	77.5	80.6	78.0	78.8	80.2	78.6	76.2	80.3	79.8	81.1	79.0	78.2	80.8	80.8	80.3	79.0	77.2	78.3	78.6	77.2	79.0	80.8	81.2	78.9	81.5	79.2
8	78.7	78.3	77.6	75.8	76.8	79.5	77.1	78.7	78.1	80.8	75.9	80.8	77.5	79.6	79.0	79.9	80.6	82.0	80.1	80.7	78.6	81.2	81.2	78.8	80.7	79.9	79.2	78.0	82.8	79.6
9	79.4	79.5	78.9	78.9	75.8	76.6	79.0	79.7	80.8	78.6	76.3	80.9	78.4	78.8	78.5	79.6	79.3	82.3	80.3	82.2	76.8	78.6	81.5	80.5	83.0	82.1	78.4	79.6	83.9	78.6
10	79.9	77.5	78.3	78.7	76.6	75.7	80.1	78.3	81.0	81.5	78.3	80.3	78.6	81.3	80.6	80.0	79.1	79.9	80.5	82.8	78.2	80.3	81.7	80.7	84.7	82.8	76.2	80.6	82.8	80.1
11	80.9	78.2	77.3	79.0	79.2	75.3	80.6	77.4	80.5	79.8	77.5	76.5	77.2	80.6	81.3	81.3	80.8	80.4	80.8	83.7	80.8	79.7	82.0	81.5	84.2	82.6	77.7	81.1	81.9	81.7
12	81.8	80.2	78.8	75.9	80.0	78.9	79.4	76.1	79.4	80.1	75.5	77.6	77.6	79.8	81.7	80.3	80.0	81.9	77.5	82.8	81.9	78.7	78.9	81.3	78.9	81.7	78.7	83.5	80.9	79.0
13	82.0	77.5	80.3	73.8	82.2	80.5	80.3	77.5	81.4	81.6	73.6	80.5	79.2	80.8	82.0	79.3	79.5	81.5	78.7	82.7	80.6	79.8	80.5	81.6	76.4	78.0	80.0	82.5	81.2	78.0
14	82.2	76.4	77.1	78.6	82.8	78.5	81.2	78.1	78.9	81.2	72.4	81.6	80.0	80.8	81.3	78.8	81.3	80.5	80.8	80.6	79.4	77.5	82.5	79.9	78.8	80.2	80.9	83.7	81.3	78.6
15	82.5	80.4	80.3	77.3	82.7	79.4	80.1	79.5	77.7	81.5	70.7	82.2	79.3	82.8	81.5	80.3	82.0	80.6	80.7	78.3	79.9	78.5	81.0	80.6	78.3	80.5	79.9	83.6	81.5	81.5
16	81.9	79.9	81.3	76.2	80.1	79.7	80.8	76.8	80.8	77.2	72.9	81.3	78.7	83.3	81.8	81.1	81.4	80.9	81.2	80.3	81.0	79.5	80.2	80.0	77.1	81.1	81.2	83.5	82.5	81.7
17	81.0	79.0	81.1	79.0	82.1	81.9	80.9	77.9	79.3	73.2	75.5	81.4	77.8	82.9	82.1	79.7	80.6	79.1	81.2	80.4	81.0	78.9	80.7	76.8	75.8	82.1	79.7	83.0	82.5	80.7

18	78.5	79.0	81.1	79.3	81.9	79.8	80.0	76.9	76.5	78.6	77.3	81.6	78.5	82.6	81.9	81.0	76.8	79.9	81.2	79.8	78.2	76.2	77.8	79.1	78.8	83.2	77.7	83.3	80.4	82.7
19	82.1	78.3	81.0	75.3	80.9	78.7	78.0	77.4	76.7	77.6	78.6	80.6	80.6	79.8	82.7	79.1	74.8	78.9	81.2	78.8	78.7	76.5	79.0	76.9	80.0	80.5	78.8	81.7	78.4	80.5
20	81.6	80.4	80.4	74.6	79.7	78.0	79.1	75.7	77.5	80.5	78.2	79.2	81.0	76.6	81.4	78.5	79.2	79.0	82.0	79.7	79.9	79.0	79.0	74.7	82.0	79.3	80.1	81.8	77.6	78.1
21	79.7	81.0	81.2	75.5	80.0	78.4	78.8	77.8	77.5	81.0	78.9	80.4	81.1	76.9	78.5	78.4	80.4	78.8	80.9	79.7	81.5	77.3	79.0	77.4	80.3	81.5	79.4	81.5	77.7	79.8
22	77.5	82.3	80.4	75.1	82.2	74.8	79.1	78.0	74.7	80.8	77.3	80.1	81.0	79.5	79.9	79.9	78.1	78.7	81.4	79.9	78.5	78.3	78.4	76.3	79.5	81.3	78.5	80.5	77.8	76.9
23	80.4	79.8	80.7	77.5	81.6	76.5	78.8	79.9	74.3	82.2	78.6	79.1	79.1	78.9	81.1	79.2	76.8	78.4	80.4	80.8	79.7	80.5	76.7	75.8	79.5	82.1	78.5	80.3	76.6	76.7
24	81.4	79.1	79.8	78.5	80.4	75.9	80.4	79.3	77.4	79.7	78.5	78.1	80.6	77.9	81.0	81.6	79.5	77.1	80.2	80.8	79.5	77.0	77.8	75.6	78.6	82.2	80.3	80.9	77.8	79.7
25	79.0	79.3	77.5	75.3	80.3	76.2	80.7	81.0	76.2	81.2	77.9	79.0	77.5	77.9	80.3	82.0	79.9	73.8	81.4	79.3	79.8	76.3	76.8	76.3	78.9	81.5	80.8	82.2	79.1	81.4
26	76.8	79.0	78.3	73.2	82.0	77.5	77.7	81.2	76.4	81.5	76.3	82.0	75.4	76.8	80.7	79.4	77.3	75.3	81.3	80.4	78.4	79.1	80.7	76.0	79.6	76.9	81.4	82.7	79.3	82.1
27	75.3	80.2	78.0	74.4	81.2	78.3	75.9	81.6	79.3	79.8	74.9	81.8	75.8	80.6	78.8	78.0	79.6	76.8	78.5	81.1	79.8	80.7	75.8	77.6	80.9	77.5	81.8	82.5	80.5	81.4
28	76.8	77.3	78.3	76.1	76.5	79.1	79.9	80.2	80.9	76.8	75.4	80.7	78.1	80.6	76.7	74.8	80.2	77.7	79.4	76.3	81.3	78.9	77.0	80.4	80.8	78.5	81.4	83.4	81.5	77.9
29	75.7	76.5	74.8	77.2	79.1	78.0	78.0	80.5	80.8	76.8	71.9	80.3	74.7	79.9	79.0	75.7	78.1	78.6	80.3	76.0	79.6	79.7	77.9	77.5	78.1	78.3	79.5	82.6	81.2	77.0
30	75.7	75.3	72.5	77.6	80.5	78.5	78.9	79.4	79.8	76.8	71.6	80.1	76.1	81.2	80.4	77.5	77.8	74.7	73.1	76.4	80.3	79.9	78.0	75.6	82.2	78.4	78.5	82.3	81.5	70.6
10	**73.7**	**72.2**	**73.7**	**74.4**	**76.1**	**72.8**	**72.8**	**76.1**	**73.9**	**71.8**	**72.5**	**76.9**	**74.9**	**74.9**	**73.6**	**73.8**	**77.0**	**72.6**	**76.5**	**73.7**	**71.6**	**74.1**	**75.6**	**74.4**	**75.6**	**75.2**	**74.4**	**76.9**	**79.5**	**77.8**
1	74.3	74.6	72.5	75.0	79.8	77.6	79.3	81.3	78.8	75.8	67.5	80.6	74.1	80.6	80.9	78.2	76.7	77.4	72.8	75.3	74.5	79.4	79.0	77.0	82.5	78.9	77.1	80.1	80.6	74.4
2	77.3	71.0	75.8	77.7	81.0	77.5	75.8	80.3	79.3	75.4	69.0	79.7	73.5	80.0	79.9	78.6	78.7	74.7	77.1	76.4	70.7	78.0	78.5	79.8	81.0	79.2	77.5	80.1	80.6	74.4
3	76.8	75.5	75.6	80.8	80.8	75.0	76.3	81.0	77.9	75.0	71.9	78.3	75.2	79.8	79.5	77.8	81.0	74.5	77.0	74.3	72.6	77.8	78.7	80.1	76.5	79.4	77.5	79.3	79.8	73.3
4	78.3	77.3	76.8	77.2	83.1	74.0	77.4	79.5	76.9	78.0	74.6	78.3	76.8	79.1	76.2	77.3	80.6	76.0	78.9	71.8	73.4	79.8	79.8	77.3	71.2	78.7	76.2	79.0	81.2	74.4
5	78.5	66.0	76.3	73.6	78.4	74.7	75.9	80.2	73.9	79.6	76.4	78.8	77.0	79.0	77.5	76.0	79.5	76.8	78.9	71.6	74.4	77.9	79.5	68.9	73.5	80.4	74.4	80.3	80.7	78.2
6	76.2	66.3	73.3	75.3	77.2	73.1	75.9	80.7	76.0	80.3	79.0	78.5	77.7	77.3	77.5	75.8	80.7	77.7	81.6	69.4	74.7	78.5	78.9	71.0	74.1	77.8	78.0	79.8	80.0	81.5
7	69.1	75.0	76.3	77.3	78.4	75.8	75.4	80.6	74.2	77.9	76.5	79.1	76.5	76.5	77.6	76.7	78.3	76.3	83.2	68.9	73.9	78.0	76.8	75.7	75.3	76.6	81.2	79.5	79.3	82.0
8	71.4	78.7	75.1	75.6	77.1	74.4	77.8	80.6	75.6	74.8	76.2	78.9	76.5	75.2	78.3	73.8	79.8	77.4	82.7	70.9	69.2	77.9	79.1	78.5	77.3	80.5	81.0	78.0	78.3	81.9
9	74.3	78.7	73.6	77.3	80.3	72.0	77.8	80.2	77.8	61.9	74.2	79.4	76.9	76.5	80.0	70.9	78.8	77.3	82.7	72.4	72.6	76.8	74.6	78.1	79.2	77.7	81.0	80.1	76.6	79.9
10	76.0	77.9	75.6	76.9	77.7	69.4	77.0	80.1	77.0	63.5	74.5	79.7	75.9	77.3	80.7	72.5	78.5	77.3	81.5	73.0	74.8	75.7	74.9	78.9	78.1	72.3	81.0	81.7	77.8	81.3
11	75.1	73.5	75.3	75.6	79.3	68.3	75.2	79.3	76.8	69.8	75.0	81.3	77.7	73.6	78.6	72.5	78.5	78.2	80.8	74.0	77.5	74.5	75.2	78.5	77.3	73.3	79.3	81.1	78.1	80.1
12	72.7	69.8	72.8	75.5	80.3	70.8	75.2	78.9	78.5	70.9	75.4	80.5	78.6	75.0	78.3	74.9	75.8	78.4	82.0	75.3	77.9	74.7	75.8	78.2	73.0	75.2	77.5	79.7	77.3	79.4
13	73.2	68.1	70.2	76.3	80.2	71.8	76.3	78.2	78.3	71.0	76.4	77.4	80.3	76.5	77.3	76.9	75.7	77.0	81.0	75.1	77.0	75.8	76.0	78.3	73.5	75.8	78.4	76.8	77.7	78.6
14	74.8	71.8	72.3	75.4	78.0	72.4	76.5	76.4	76.9	71.5	77.4	76.8	78.7	73.0	75.7	71.8	74.3	77.0	81.2	75.0	75.2	78.3	75.9	78.3	77.7	77.2	78.7	78.6	78.8	79.0
15	72.8	73.9	74.2	70.5	72.6	72.4	75.2	75.8	75.1	70.2	75.6	75.3	70.5	69.1	74.1	69.8	76.4	75.6	78.8	70.8	72.8	77.3	73.5	75.3	76.8	78.0	79.8	81.0	78.4	79.3
16	68.5	74.7	73.5	71.6	71.0	74.5	74.5	77.6	74.2	68.3	74.8	71.1	70.0	65.5	72.8	72.3	77.0	75.0	78.1	70.1	75.0	75.9	77.5	70.3	73.1	77.2	79.0	81.0	80.1	80.1
17	65.8	74.3	75.3	72.5	74.2	75.6	73.0	76.3	76.0	68.5	64.8	68.5	74.0	69.9	73.3	74.7	78.5	74.2	65.5	71.5	76.1	73.5	77.5	70.8	74.4	76.8	74.7	81.0	78.7	77.4
18	69.4	73.4	74.2	70.9	74.4	75.0	70.6	77.0	75.5	70.3	68.3	68.4	73.6	74.5	74.0	79.1	77.3	74.7	56.6	69.5	74.3	77.1	78.4	71.2	73.4	76.7	73.8	80.0	75.2	75.5
19	71.0	65.9	76.0	72.2	76.8	65.6	65.9	77.5	76.2	70.9	73.9	71.1	72.8	78.0	76.0	81.8	78.4	68.3	61.3	72.3	73.4	77.3	79.4	71.7	71.4	75.1	75.8	77.3	78.3	75.3
20	72.8	67.5	76.7	73.8	75.8	60.8	66.5	75.5	78.6	73.0	76.2	75.3	74.1	77.0	79.2	80.6	74.9	70.9	69.0	74.8	60.7	74.8	78.9	74.6	73.1	74.4	76.4	79.3	81.2	78.6
21	75.3	70.3	78.8	74.7	68.7	64.6	66.3	77.4	71.9	71.6	74.2	78.7	74.2	76.2	76.8	80.2	77.3	70.6	71.4	73.0	60.5	70.5	79.8	75.7	74.1	75.8	76.3	74.5	80.0	77.5
22	76.9	70.4	76.0	75.5	67.6	68.9	66.5	72.2	67.5	71.8	75.3	77.7	74.0	73.6	76.5	80.8	79.8	72.2	73.2	73.3	63.7	73.0	80.0	74.4	75.3	67.0	78.5	73.0	82.1	76.4
23	76.5	67.3	75.0	76.4	73.0	72.3	66.9	67.9	66.4	72.6	75.3	77.1	74.1	72.8	77.4	73.0	79.7	75.2	76.1	73.4	67.8	74.2	75.0	71.0	75.9	65.6	77.4	74.3	77.2	75.3
24	74.7	69.0	74.1	75.7	76.0	74.0	71.2	68.4	61.1	72.4	77.5	75.1	72.1	71.0	65.0	57.9	75.6	73.8	76.3	75.9	67.1	76.5	66.6	70.3	74.2	67.9	73.7	74.4	79.6	76.5
25	76.8	70.0	74.0	73.5	76.8	74.2	76.8	71.6	64.5	71.2	77.5	76.3	74.8	73.6	56.3	61.6	68.4	75.8	72.9	78.1	68.6	76.1	68.7	70.8	76.3	69.9	64.5	73.8	78.7	78.4
26	75.7	70.5	70.5	70.4	75.5	76.2	78.0	72.8	67.5	71.8	68.5	77.0	76.1	72.8	57.0	67.9	71.3	67.9	76.6	79.8	71.7	76.0	67.2	69.4	75.8	73.2	61.5	75.7	79.4	78.2
27	74.9	72.7	71.1	68.2	77.5	76.6	69.8	72.2	67.9	69.6	58.2	77.9	75.6	72.2	62.4	74.1	74.1	66.7	79.2	79.5	72.5	70.3	66.9	70.7	75.1	74.6	65.6	69.3	81.0	79.8
28	74.9	73.3	70.3	68.2	76.5	76.0	58.3	71.4	69.2	68.5	59.4	78.6	75.3	72.7	65.7	70.8	76.1	54.8	79.5	80.1	70.9	67.1	69.5	72.9	76.0	74.6	69.6	64.7	81.8	79.9
29	72.8	73.3	72.3	73.6	66.2	74.2	64.5	69.8	72.8	69.5	64.8	78.7	68.9	74.5	63.9	65.9	73.9	53.5	79.9	76.0	71.2	58.9	72.4	73.5	75.5	75.0	63.9	67.9	82.0	80.6
30	70.5	73.8	76.2	74.2	69.3	75.2	69.3	69.3	73.2	69.8	68.1	76.7	71.0	74.8	64.5	70.0	75.1	59.7	77.5	71.8	66.7	57.1	74.1	73.7	74.5	75.1	56.0	71.8	81.8	73.0
31	66.7	74.4	56.0	76.3	74.6	73.8	71.3	70.4	74.8	69.6	69.4	72.5	74.3	74.3	68.8	73.4	76.5	66.8	77.1	71.4	69.2	59.3	75.8	71.6	77.9	72.7	61.0	71.4	81.4	72.7
11	**64.8**	**69.4**	**67.2**	**70.8**	**65.1**	**66.6**	**65.6**	**70.4**	**67.2**	**65.0**	**68.2**	**65.3**	**69.9**	**69.5**	**68.3**	**65.1**	**66.9**	**62.9**	**68.2**	**66.8**	**67.7**	**63.8**	**69.8**	**64.5**	**73.3**	**68.1**	**68.8**	**68.9**	**68.1**	**71.5**
1	70.0	74.0	47.3	74.0	77.1	74.5	76.4	71.9	75.1	67.3	72.9	71.3	74.1	76.1	68.4	72.4	75.8	68.0	77.1	72.4	67.1	67.0	77.3	58.8	77.2	73.3	67.9	73.3	74.4	76.8

2	73.4	76.2	59.2	66.1	78.5	73.9	72.0	72.7	70.9	67.4	73.1	68.6	74.8	75.6	69.1	71.9	72.2	66.4	73.3	72.3	67.3	65.4	69.0	54.8	80.0	74.3	70.8	72.6	75.3	66.4
3	68.0	77.1	66.4	69.5	77.2	62.0	63.4	71.3	56.5	67.8	74.1	68.6	77.7	75.0	69.1	68.2	66.5	70.5	69.7	73.8	69.3	68.2	66.7	61.3	80.1	72.8	71.8	64.9	72.7	65.5
4	57.5	78.3	70.1	71.7	69.8	70.2	62.1	69.7	60.5	68.8	71.7	72.5	78.1	77.0	69.3	68.9	65.4	65.8	73.5	70.6	64.1	68.5	70.1	68.3	78.3	73.0	71.9	71.8	75.8	69.1
5	55.8	78.1	71.9	73.0	68.2	73.3	64.7	65.5	66.1	69.5	68.5	74.8	75.9	69.5	70.7	70.3	65.3	64.2	70.3	58.7	61.5	69.3	73.9	71.0	78.8	71.8	73.0	74.5	77.7	72.8
6	65.8	69.6	72.5	73.3	71.4	74.1	68.8	59.2	68.4	71.5	64.8	73.6	75.0	68.0	72.3	70.3	66.0	66.0	67.5	53.5	66.3	66.8	73.8	73.0	77.4	69.1	74.1	76.4	77.8	73.9
7	66.5	59.1	60.3	73.3	74.5	76.2	63.7	63.6	67.8	72.3	64.0	60.1	76.0	67.0	72.9	70.0	61.8	69.1	70.0	56.6	68.8	59.7	73.2	68.5	77.9	71.2	73.2	75.7	78.7	75.9
8	63.6	62.2	66.2	75.0	67.0	71.7	55.9	67.1	68.5	73.8	65.2	65.9	75.8	65.6	73.2	67.2	61.0	69.3	72.8	59.1	68.9	57.0	69.6	66.5	78.1	70.4	73.0	78.0	74.3	75.8
9	51.4	71.7	71.8	75.5	58.0	57.3	56.3	67.8	68.9	72.3	65.5	71.0	72.9	67.0	72.0	64.0	61.5	63.3	76.1	61.8	69.1	58.8	71.2	63.2	80.0	69.6	73.3	77.3	68.9	76.4
10	50.7	73.1	63.7	75.1	66.9	56.3	59.8	72.3	69.5	73.2	64.4	74.7	72.6	71.0	70.4	66.3	61.9	63.3	76.0	64.9	67.8	63.2	72.0	66.3	76.5	68.5	68.2	73.9	67.9	77.0
11	56.8	74.0	63.5	71.5	72.9	57.5	66.5	73.9	69.5	64.3	64.3	76.4	72.2	69.7	68.3	68.5	64.8	67.0	73.1	67.5	56.9	68.9	72.3	68.8	74.0	65.6	70.0	73.0	71.5	77.4
12	59.6	76.0	67.2	69.8	55.4	58.9	69.3	72.4	69.5	64.6	66.1	76.4	72.4	71.6	67.9	65.4	66.8	73.5	59.7	66.1	60.5	70.0	71.0	68.0	73.5	66.6	72.8	75.9	73.7	76.1
13	59.2	71.8	71.6	73.2	61.7	64.2	72.3	72.1	70.4	66.3	66.0	64.2	71.5	72.0	69.3	61.9	68.2	76.4	62.6	65.0	65.0	70.0	62.2	68.6	72.9	68.2	72.1	75.8	64.1	73.4
14	65.0	60.5	74.3	72.6	60.2	66.0	72.5	71.6	69.5	68.5	66.5	63.0	63.1	72.2	71.3	63.9	68.6	76.7	66.2	64.5	69.3	68.4	64.3	63.9	68.2	67.2	69.0	76.9	71.0	73.0
15	69.3	60.0	74.1	73.5	50.7	68.0	64.6	71.3	67.3	58.0	67.3	69.1	66.4	70.4	72.1	71.0	67.4	73.8	66.1	65.4	75.1	64.0	69.0	62.7	70.5	64.4	65.9	67.6	69.8	75.8
16	68.3	61.5	73.7	74.3	55.3	68.8	60.5	73.9	63.4	63.7	67.6	68.3	68.3	67.6	72.5	70.5	53.4	55.0	67.8	70.2	76.4	62.4	71.0	69.1	73.0	64.8	65.0	55.6	57.2	73.1
17	71.5	65.0	72.8	65.1	59.8	68.0	54.7	73.1	62.6	71.9	69.4	59.0	71.1	66.0	65.8	58.2	59.3	54.2	68.9	70.9	73.5	67.3	76.1	71.5	75.7	64.8	64.8	61.2	52.3	65.7
18	70.0	68.7	75.0	65.0	64.6	68.1	61.1	73.0	64.6	66.6	69.2	52.8	74.4	65.8	64.0	56.1	64.8	55.6	69.2	66.9	66.9	64.4	75.7	53.0	76.7	67.8	66.7	68.4	62.4	64.2
19	72.6	70.5	73.2	66.8	64.6	68.3	63.7	75.2	67.6	71.0	67.0	59.8	69.1	67.6	69.4	57.6	67.8	50.0	69.7	64.3	71.4	57.3	72.6	49.7	75.7	68.2	66.2	70.9	61.6	67.1
20	72.3	73.8	65.4	72.0	65.0	68.4	67.1	74.8	68.2	55.6	67.8	67.1	62.3	69.6	72.1	52.5	68.3	53.9	69.3	67.6	72.0	62.4	72.5	55.0	75.1	58.8	63.4	70.3	61.2	68.5
21	73.2	74.0	66.8	72.8	65.3	70.8	70.5	73.3	68.3	52.2	65.8	69.2	64.0	70.2	70.2	49.8	67.8	56.7	69.5	67.3	71.9	61.9	73.0	63.8	73.2	55.7	67.1	65.5	64.5	69.0
22	74.4	75.6	67.2	71.6	56.2	65.2	72.0	72.8	68.3	50.5	67.8	65.0	66.8	71.0	58.5	51.1	68.3	53.9	72.4	68.5	73.1	59.0	73.9	69.0	68.4	59.9	69.0	63.3	67.8	70.2
23	71.7	75.7	67.0	67.1	60.0	61.1	70.8	73.3	69.7	54.2	69.0	51.6	67.3	71.2	52.9	55.5	66.5	57.0	72.1	70.0	70.4	57.4	73.9	75.8	57.6	67.4	70.8	69.4	67.9	69.0
24	60.2	77.1	64.8	59.7	64.9	66.5	61.1	72.1	70.0	64.9	70.6	58.5	69.4	74.2	63.7	61.1	66.9	61.3	71.7	68.5	66.2	59.0	66.1	77.8	62.7	69.3	63.3	72.4	66.8	67.8
25	49.4	78.0	69.0	64.3	59.4	71.3	61.9	71.3	70.4	74.0	71.3	64.1	67.7	69.2	65.8	66.3	72.2	61.7	66.1	69.8	66.7	57.3	67.9	72.4	68.3	71.2	60.7	69.5	57.2	72.0
26	52.7	76.8	72.2	65.9	57.3	65.2	64.6	71.1	71.2	64.4	70.0	63.0	69.9	58.2	65.1	67.8	74.0	54.5	61.8	71.6	69.1	61.6	74.5	60.0	70.4	67.8	63.2	71.0	60.3	71.3
27	62.5	66.2	73.3	69.9	64.4	58.6	64.4	65.2	65.1	58.3	68.9	62.2	70.9	67.6	69.0	68.8	72.8	53.7	54.0	66.2	70.0	67.3	64.1	57.4	69.5	66.3	63.8	56.3	64.8	71.6
28	68.0	55.0	60.8	73.8	70.8	61.5	68.5	63.5	63.9	58.5	68.2	59.7	70.5	67.1	71.6	72.0	70.6	59.1	55.4	65.4	68.1	62.3	51.6	52.2	69.6	68.5	69.9	48.5	69.5	71.5
29	71.2	51.0	55.0	75.9	72.7	63.8	70.6	66.8	65.6	61.0	69.6	51.2	49.8	64.1	69.1	71.3	72.7	62.4	60.2	71.4	61.0	63.3	60.3	58.7	68.2	73.6	72.2	52.6	67.3	71.0
30	75.1	53.0	60.3	72.2	63.3	69.0	68.8	70.7	58.9	58.9	68.5	56.5	55.6	68.1	62.5	74.3	69.0	64.5	64.0	73.0	56.5	65.0	65.6	65.0	71.0	72.6	70.1	63.5	68.6	66.7
12	**64.8**	**62.6**	**58.3**	**63.7**	**59.9**	**61.4**	**61.1**	**66.2**	**60.8**	**58.8**	**65.7**	**59.4**	**59.3**	**60.3**	**59.6**	**66.6**	**66.6**	**64.1**	**63.1**	**51.4**	**64.8**	**64.4**	**67.5**	**64.4**	**70.6**	**67.9**	**63.8**	**63.6**	**66.8**	**59.0**
1	75.0	53.5	66.1	66.8	63.9	70.0	60.5	69.2	50.8	60.5	68.7	59.5	59.7	72.0	56.2	74.0	68.4	61.0	66.7	62.0	56.3	66.0	66.5	69.0	71.7	72.6	68.8	72.0	71.7	49.5
2	77.0	55.5	65.5	70.3	65.3	62.9	63.8	71.1	51.9	63.5	70.0	55.0	60.8	66.8	56.4	74.3	70.4	54.2	74.1	50.3	61.4	68.5	65.6	69.9	73.5	64.4	70.0	76.6	62.8	48.0
3	76.5	54.4	68.6	72.8	69.3	60.3	69.7	70.7	59.3	57.0	70.1	55.9	62.8	60.6	58.2	72.5	71.4	53.3	71.2	52.0	65.3	69.7	66.2	69.2	67.5	65.5	68.4	74.9	50.9	58.3
4	52.1	61.0	69.8	74.7	66.0	59.0	68.7	72.3	66.0	52.3	70.3	66.8	68.5	57.1	62.5	64.3	60.2	62.2	58.3	55.2	67.0	66.8	70.4	70.3	68.7	70.0	68.5	68.4	55.8	66.0
5	55.0	61.3	63.7	72.6	66.5	63.4	58.8	71.6	65.1	55.0	70.0	71.5	66.8	62.6	68.4	60.3	59.2	63.5	57.3	59.6	67.5	67.7	72.0	70.3	70.8	74.4	70.8	54.4	58.3	64.9
6	63.0	60.0	59.7	69.8	68.3	66.8	50.3	70.2	66.0	55.5	71.7	56.2	51.6	69.1	63.4	63.5	61.5	65.9	56.4	45.5	67.7	69.0	74.2	72.6	69.8	75.1	71.3	54.9	63.3	60.1
7	66.0	66.9	60.5	68.1	67.8	64.3	47.6	70.0	60.3	59.3	71.2	58.0	51.3	71.2	65.8	64.3	65.0	57.1	69.9	42.6	65.4	67.6	72.9	66.2	63.3	68.8	66.2	61.4	64.8	57.3
8	68.6	62.7	59.7	67.9	68.3	60.8	55.5	71.5	65.0	65.0	73.0	64.0	57.8	71.7	65.5	53.0	69.2	58.7	72.3	46.5	54.8	69.8	73.2	61.8	63.2	63.9	71.4	67.1	68.5	48.9
9	69.3	59.9	61.2	70.0	69.2	52.8	69.9	71.0	65.0	67.2	72.5	63.6	62.7	72.6	68.6	56.2	69.8	68.6	76.1	51.2	67.6	72.6	72.5	56.6	67.3	56.1	58.0	67.9	69.3	49.9
10	68.8	64.4	65.1	73.4	54.2	53.9	71.6	71.0	66.5	69.2	73.4	68.5	64.5	71.0	62.3	61.8	69.9	72.5	66.5	55.3	68.3	73.0	73.2	53.5	68.3	59.9	49.8	54.1	73.3	54.1
11	68.9	55.1	60.8	63.5	49.4	60.1	71.0	70.0	65.5	71.5	71.8	65.5	54.2	60.6	56.5	65.7	70.5	67.6	57.0	55.9	68.7	72.9	70.7	52.3	66.9	65.4	50.8	48.5	70.9	57.8
12	69.9	49.3	47.4	60.2	57.2	64.0	64.1	72.9	68.7	69.6	72.1	60.5	57.0	51.7	53.8	65.7	70.1	56.9	69.7	54.9	67.2	71.5	62.6	52.0	70.2	72.4	57.0	52.7	70.3	64.0
13	71.4	53.3	54.5	58.5	63.8	65.9	63.4	72.7	70.5	71.4	71.0	66.8	65.5	60.1	54.4	68.4	70.7	55.0	72.5	41.9	66.8	61.7	61.7	55.3	71.0	71.3	53.0	64.5	70.8	67.1
14	72.8	59.4	61.8	57.9	67.9	60.8	57.0	60.6	67.2	72.8	74.0	55.9	65.1	54.0	58.5	68.5	72.4	66.5	71.2	37.7	66.0	62.1	72.0	56.3	73.4	71.0	56.5	71.3	69.7	69.3
15	61.4	64.1	55.2	61.3	68.3	60.0	48.2	56.4	63.8	72.7	72.3	48.0	53.0	46.4	67.1	68.0	74.0	69.5	72.5	41.9	66.3	66.2	68.5	56.2	72.7	68.4	64.9	65.0	63.3	65.0
16	52.8	67.8	49.1	65.3	68.8	61.0	54.2	51.8	59.7	73.0	72.2	50.2	62.4	54.8	59.1	67.7	67.5	67.5	67.8	50.7	68.6	69.3	56.9	58.9	73.8	64.7	61.9	60.5	70.8	65.6
17	57.0	68.8	56.7	64.8	68.9	63.5	55.2	55.5	61.0	64.3	70.4	56.5	58.2	60.5	64.0	69.7	46.7	67.8	67.3	59.3	67.0	70.5	58.4	63.3	74.6	71.0	65.1	56.3	74.3	60.0

18	58.8	68.2	63.3	60.0	70.9	64.6	53.4	57.1	62.9	51.9	65.3	63.5	49.2	61.5	62.5	69.7	56.2	68.5	68.8	57.4	59.4	71.0	57.6	57.8	68.8	75.7	70.4	58.4	59.6	48.9
19	56.2	67.6	58.8	56.2	70.2	49.3	56.3	64.8	66.4	47.7	60.6	66.0	52.0	56.8	58.0	67.8	62.5	67.2	56.0	53.3	61.8	63.1	60.2	61.3	55.8	76.2	71.5	62.0	58.3	58.6
20	64.8	68.5	63.3	61.4	55.7	38.7	61.0	70.2	61.3	37.0	58.4	65.2	46.0	45.6	57.9	67.8	65.4	65.6	51.3	49.4	65.6	68.2	67.5	65.8	62.3	66.8	70.0	64.5	64.3	64.0
21	64.0	68.7	62.6	61.8	48.2	48.8	65.1	71.3	68.0	47.3	58.0	52.8	49.5	53.0	53.2	70.5	66.4	65.9	50.4	53.6	67.5	56.7	73.7	69.3	69.1	60.1	71.9	59.9	69.2	63.8
22	62.9	69.7	54.3	60.3	49.5	58.3	72.5	69.9	68.5	54.2	59.8	55.0	58.2	63.5	52.3	72.6	61.3	53.4	53.9	59.7	67.8	49.3	75.0	70.7	74.3	63.5	66.7	53.4	69.0	57.7
23	63.7	70.6	50.4	55.5	48.3	61.5	71.1	69.9	61.6	55.8	64.8	59.8	62.6	67.3	54.9	72.5	67.5	59.8	59.4	56.0	71.1	51.5	74.8	72.5	75.0	67.9	67.5	54.4	66.9	60.6
24	66.7	67.8	48.4	54.5	42.2	64.8	72.7	70.7	54.0	57.9	65.9	70.0	63.0	58.3	60.4	72.5	65.3	68.6	65.8	51.6	69.2	60.1	64.5	75.9	75.0	70.0	69.0	57.4	60.6	67.7
25	62.4	66.3	48.7	52.8	41.8	58.7	73.1	66.8	48.3	58.5	53.0	60.3	54.2	54.0	63.5	71.7	64.9	71.7	69.5	57.9	70.4	64.0	60.5	61.2	75.2	71.9	64.0	61.6	70.1	46.0
26	65.7	68.7	47.4	52.8	46.1	66.1	67.5	60.8	47.1	59.3	48.6	49.6	57.9	50.9	54.8	60.0	62.7	69.9	55.2	47.8	66.8	66.1	64.8	62.6	73.3	72.2	62.3	64.9	69.9	42.4
27	70.3	66.6	50.8	59.3	46.6	67.2	65.7	62.0	52.5	61.3	47.0	53.0	58.6	50.0	51.2	50.4	66.1	68.5	53.3	38.6	67.3	49.4	65.9	71.2	73.8	71.7	64.2	70.3	71.2	52.4
28	69.5	57.8	60.5	62.6	47.1	67.3	48.0	63.3	56.2	62.9	55.0	51.3	61.3	56.8	55.7	61.2	71.2	68.3	56.1	41.2	53.4	56.3	71.2	73.3	75.5	72.2	62.3	74.9	73.3	60.8
29	63.7	56.1	62.7	66.0	54.5	69.3	52.3	65.6	53.1	48.9	65.8	50.5	66.4	60.7	63.4	67.8	72.5	68.8	47.9	45.1	52.8	68.0	73.2	71.4	75.5	70.6	54.5	73.2	74.3	61.8
30	56.5	60.3	57.4	66.8	64.9	71.1	49.7	55.5	54.3	43.0	61.0	55.9	67.8	62.6	56.3	70.3	73.9	63.2	57.1	56.6	59.6	48.7	63.3	66.4	75.1	53.5	55.0	73.8	74.5	66.6
31	57.8	66.5	53.9	65.8	68.4	69.4	54.9	56.6	59.5	37.1	57.7	67.6	69.3	64.5	62.9	72.3	70.3	60.2	64.0	62.8	64.5	59.3	62.5	62.8	74.7	57.5	56.5	73.3	62.9	72.2
Grand Total	**72.7**	**71.4**	**71.2**	**72.2**	**71.6**	**71.0**	**71.8**	**72.9**	**71.7**	**71.2**	**71.3**	**71.8**	**71.6**	**71.7**	**71.6**	**72.3**	**72.5**	**71.5**	**72.0**	**69.6**	**72.8**	**72.3**	**72.8**	**72.1**	**74.3**	**73.1**	**73.0**	**72.7**	**74.0**	**74.2**

Average Daily Temperature for each day of month	Daily Rank of Temperature For Each Month				Orlando Florida International Airport						
					Weather Splines for Normal Weather Forecast Scenarios						
Grand Total	Rank		Month	Day of Month	**Normal Daily Temperature**	**NCDD_D_65_Avg**	**NHDD_D_59_Avg**	**NCDD_D_75_Avg**	**NHDD_D_65_Avg**	**NHDD_D_50_Avg**	Month
60.4											1.0
63.6	2		1.0	1	**63.58**	**0.00**	**0.00**	**0.00**	**1.42**	**0.00**	1.0
63.7	1		1.0	2	**63.73**	**0.00**	**0.00**	**0.00**	**1.27**	**0.00**	1.0
61.1	9		1.0	3	**61.14**	**0.00**	**0.00**	**0.00**	**3.86**	**0.00**	1.0
58.9	28		1.0	4	**58.90**	**0.00**	**0.10**	**0.00**	**6.10**	**0.00**	1.0
59.2	25		1.0	5	**59.17**	**0.00**	**0.00**	**0.00**	**5.83**	**0.00**	1.0
61.0	10		1.0	6	**60.98**	**0.00**	**0.00**	**0.00**	**4.02**	**0.00**	1.0
59.6	21		1.0	7	**59.65**	**0.00**	**0.00**	**0.00**	**5.35**	**0.00**	1.0
59.1	27		1.0	8	**59.10**	**0.00**	**0.00**	**0.00**	**5.90**	**0.00**	1.0
59.2	26		1.0	9	**59.16**	**0.00**	**0.00**	**0.00**	**5.84**	**0.00**	1.0
60.5	14		1.0	10	**60.46**	**0.00**	**0.00**	**0.00**	**4.54**	**0.00**	1.0
61.7	6		1.0	11	**61.72**	**0.00**	**0.00**	**0.00**	**3.28**	**0.00**	1.0
62.5	3		1.0	12	**62.51**	**0.00**	**0.00**	**0.00**	**2.49**	**0.00**	1.0
61.4	7		1.0	13	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**	1.0
59.8	16		1.0	14	**59.79**	**0.00**	**0.00**	**0.00**	**5.22**	**0.00**	1.0
59.3	23		1.0	15	**59.26**	**0.00**	**0.00**	**0.00**	**5.74**	**0.00**	1.0
59.8	17		1.0	16	**59.76**	**0.00**	**0.00**	**0.00**	**5.24**	**0.00**	1.0
59.7	19		1.0	17	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**	1.0
58.6	29		1.0	18	**58.59**	**0.00**	**0.41**	**0.00**	**6.41**	**0.00**	1.0
59.7	18		1.0	19	**59.71**	**0.00**	**0.00**	**0.00**	**5.29**	**0.00**	1.0
58.3	30		1.0	20	**58.30**	**0.00**	**0.70**	**0.00**	**6.70**	**0.00**	1.0
59.2	24		1.0	21	**59.21**	**0.00**	**0.00**	**0.00**	**5.79**	**0.00**	1.0
60.9	12		1.0	22	**60.89**	**0.00**	**0.00**	**0.00**	**4.11**	**0.00**	1.0
61.4	8		1.0	23	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**	1.0
60.1	15		1.0	24	**60.10**	**0.00**	**0.00**	**0.00**	**4.90**	**0.00**	1.0
58.0	31		1.0	25	**57.99**	**0.00**	**1.01**	**0.00**	**7.01**	**0.00**	1.0
59.5	22		1.0	26	**59.52**	**0.00**	**0.00**	**0.00**	**5.48**	**0.00**	1.0
61.0	11		1.0	27	**60.96**	**0.00**	**0.00**	**0.00**	**4.04**	**0.00**	1.0
60.9	13		1.0	28	**60.87**	**0.00**	**0.00**	**0.00**	**4.13**	**0.00**	1.0
62.0	4		1.0	29	**61.97**	**0.00**	**0.00**	**0.00**	**3.03**	**0.00**	1.0
61.7	5		1.0	30	**61.73**	**0.00**	**0.00**	**0.00**	**3.27**	**0.00**	1.0
59.7	20		1.0	31	**59.67**	**0.00**	**0.00**	**0.00**	**5.33**	**0.00**	2.0
63.3											2.0
61.3	23		2.0	1	**61.26**	**0.00**	**0.00**	**0.00**	**3.74**	**0.00**	2.0
63.2	13		2.0	2	**63.23**	**0.00**	**0.00**	**0.00**	**1.77**	**0.00**	2.0

62.2	19	2.0	3	**62.18**	**0.00**	**0.00**	**0.00**	**2.82**	**0.00**	2.0
61.5	21	2.0	4	**61.54**	**0.00**	**0.00**	**0.00**	**3.46**	**0.00**	2.0
60.8	27	2.0	5	**60.77**	**0.00**	**0.00**	**0.00**	**4.24**	**0.00**	2.0
61.3	22	2.0	6	**61.27**	**0.00**	**0.00**	**0.00**	**3.73**	**0.00**	2.0
61.7	20	2.0	7	**61.65**	**0.00**	**0.00**	**0.00**	**3.35**	**0.00**	2.0
59.9	28	2.0	8	**59.93**	**0.00**	**0.00**	**0.00**	**5.07**	**0.00**	2.0
61.1	24	2.0	9	**61.05**	**0.00**	**0.00**	**0.00**	**3.95**	**0.00**	2.0
62.5	18	2.0	10	**62.46**	**0.00**	**0.00**	**0.00**	**2.54**	**0.00**	2.0
62.6	17	2.0	11	**62.63**	**0.00**	**0.00**	**0.00**	**2.37**	**0.00**	2.0
62.7	15	2.0	12	**62.70**	**0.00**	**0.00**	**0.00**	**2.30**	**0.00**	2.0
60.9	25	2.0	13	**60.93**	**0.00**	**0.00**	**0.00**	**4.07**	**0.00**	2.0
60.9	26	2.0	14	**60.91**	**0.00**	**0.00**	**0.00**	**4.09**	**0.00**	2.0
63.5	10	2.0	15	**63.46**	**0.00**	**0.00**	**0.00**	**1.54**	**0.00**	2.0
63.3	12	2.0	16	**63.26**	**0.00**	**0.00**	**0.00**	**1.74**	**0.00**	2.0
62.7	16	2.0	17	**62.67**	**0.00**	**0.00**	**0.00**	**2.33**	**0.00**	2.0
63.1	14	2.0	18	**63.13**	**0.00**	**0.00**	**0.00**	**1.87**	**0.00**	2.0
64.0	8	2.0	19	**64.05**	**0.00**	**0.00**	**0.00**	**0.95**	**0.00**	2.0
64.8	7	2.0	20	**64.81**	**0.00**	**0.00**	**0.00**	**0.19**	**0.00**	2.0
66.0	6	2.0	21	**66.01**	**1.01**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
67.8	1	2.0	22	**67.76**	**2.76**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
67.6	2	2.0	23	**67.60**	**2.60**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
66.4	3	2.0	24	**66.38**	**1.38**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
66.3	4	2.0	25	**66.32**	**1.32**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
66.1	5	2.0	26	**66.09**	**1.09**	**0.00**	**0.00**	**0.00**	**0.00**	2.0
63.4	11	2.0	27	**63.45**	**0.00**	**0.00**	**0.00**	**1.55**	**0.00**	3.0
63.8	9	2.0	28	**63.80**	**0.00**	**0.00**	**0.00**	**1.20**	**0.00**	3.0
62.9										3.0
67.0										3.0
66.0	21	3.0	1	**66.04**	**1.04**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
66.4	17	3.0	2	**66.39**	**1.39**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
65.1	25	3.0	3	**65.12**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
63.5	31	3.0	4	**63.46**	**0.00**	**0.00**	**0.00**	**1.54**	**0.00**	3.0
63.7	30	3.0	5	**63.71**	**0.00**	**0.00**	**0.00**	**1.29**	**0.00**	3.0
64.8	29	3.0	6	**64.79**	**0.00**	**0.00**	**0.00**	**0.21**	**0.00**	3.0
65.0	26	3.0	7	**65.02**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
65.0	27	3.0	8	**64.97**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	3.0
64.9	28	3.0	9	**64.93**	**0.00**	**0.00**	**0.00**	**0.07**	**0.00**	3.0
65.9	22	3.0	10	**65.89**	**0.89**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
65.3	24	3.0	11	**65.29**	**0.29**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
66.3	19	3.0	12	**66.26**	**1.26**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
66.0	20	3.0	13	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
65.9	23	3.0	14	**65.89**	**0.89**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
66.3	18	3.0	15	**66.29**	**1.29**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.7	11	3.0	16	**67.70**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.5	14	3.0	17	**67.48**	**2.48**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.7	12	3.0	18	**67.70**	**2.70**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
68.2	10	3.0	19	**68.20**	**3.20**	**0.00**	**0.00**	**0.00**	**0.00**	3.0

68.6	9	3.0	20	**68.56**	**3.56**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.1	16	3.0	21	**67.07**	**2.07**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.2	15	3.0	22	**67.15**	**2.15**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
67.6	13	3.0	23	**67.61**	**2.61**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
68.7	8	3.0	24	**68.66**	**3.66**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
68.8	7	3.0	25	**68.80**	**3.80**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
68.9	6	3.0	26	**68.91**	**3.91**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
69.4	5	3.0	27	**69.38**	**4.38**	**0.00**	**0.00**	**0.00**	**0.00**	3.0
69.8	4	3.0	28	**69.78**	**4.78**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
69.9	2	3.0	29	**69.93**	**4.93**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
69.9	3	3.0	30	**69.91**	**4.91**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.4	1	3.0	31	**70.42**	**5.42**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.9										4.0
69.7	29	4.0	1	**69.70**	**4.70**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
69.6	30	4.0	2	**69.61**	**4.61**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.2	28	4.0	3	**70.19**	**5.19**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.2	20	4.0	4	**71.19**	**6.19**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.5	25	4.0	5	**70.46**	**5.46**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.4	26	4.0	6	**70.38**	**5.38**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.6	23	4.0	7	**70.57**	**5.57**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.4	18	4.0	8	**71.38**	**6.38**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.1	21	4.0	9	**71.12**	**6.12**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.6	24	4.0	10	**70.56**	**5.56**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.5	17	4.0	11	**71.54**	**6.54**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
72.8	10	4.0	12	**72.80**	**7.80**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
73.1	8	4.0	13	**73.11**	**8.11**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.7	16	4.0	14	**71.71**	**6.71**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.9	14	4.0	15	**71.90**	**6.90**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.4	27	4.0	16	**70.36**	**5.36**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
70.6	22	4.0	17	**70.63**	**5.63**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.3	19	4.0	18	**71.33**	**6.33**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
72.0	13	4.0	19	**72.01**	**7.01**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
71.8	15	4.0	20	**71.79**	**6.79**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
72.3	12	4.0	21	**72.26**	**7.26**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
72.9	9	4.0	22	**72.90**	**7.90**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
72.5	11	4.0	23	**72.52**	**7.52**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
73.2	7	4.0	24	**73.20**	**8.20**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
73.3	5	4.0	25	**73.33**	**8.33**	**0.00**	**0.00**	**0.00**	**0.00**	4.0
74.0	3	4.0	26	**74.03**	**9.03**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
74.4	1	4.0	27	**74.45**	**9.45**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
73.7	4	4.0	28	**73.66**	**8.66**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
74.3	2	4.0	29	**74.26**	**9.26**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
73.3	6	4.0	30	**73.31**	**8.31**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
76.7										5.0
73.8	31	5.0	1	**73.79**	**8.79**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
74.2	30	5.0	2	**74.22**	**9.22**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
75.1	26	5.0	3	**75.12**	**10.12**	**0.00**	**0.12**	**0.00**	**0.00**	5.0

75.3	25	5.0	4	**75.27**	**10.27**	**0.00**	**0.27**	**0.00**	**0.00**	5.0
75.0	28	5.0	5	**75.02**	**10.02**	**0.00**	**0.02**	**0.00**	**0.00**	5.0
75.1	27	5.0	6	**75.08**	**10.08**	**0.00**	**0.08**	**0.00**	**0.00**	5.0
74.6	29	5.0	7	**74.60**	**9.60**	**0.00**	**0.00**	**0.00**	**0.00**	5.0
75.3	24	5.0	8	**75.33**	**10.33**	**0.00**	**0.33**	**0.00**	**0.00**	5.0
76.3	20	5.0	9	**76.29**	**11.29**	**0.00**	**1.29**	**0.00**	**0.00**	5.0
77.0	13	5.0	10	**77.03**	**12.03**	**0.00**	**2.03**	**0.00**	**0.00**	5.0
77.2	11	5.0	11	**77.16**	**12.16**	**0.00**	**2.16**	**0.00**	**0.00**	5.0
76.7	18	5.0	12	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**	5.0
76.4	19	5.0	13	**76.41**	**11.41**	**0.00**	**1.41**	**0.00**	**0.00**	5.0
75.9	23	5.0	14	**75.85**	**10.85**	**0.00**	**0.85**	**0.00**	**0.00**	5.0
76.3	21	5.0	15	**76.26**	**11.26**	**0.00**	**1.26**	**0.00**	**0.00**	5.0
76.2	22	5.0	16	**76.16**	**11.16**	**0.00**	**1.16**	**0.00**	**0.00**	5.0
76.8	17	5.0	17	**76.76**	**11.76**	**0.00**	**1.76**	**0.00**	**0.00**	5.0
76.9	14	5.0	18	**76.86**	**11.86**	**0.00**	**1.86**	**0.00**	**0.00**	5.0
76.8	15	5.0	19	**76.77**	**11.77**	**0.00**	**1.77**	**0.00**	**0.00**	5.0
76.8	16	5.0	20	**76.77**	**11.77**	**0.00**	**1.77**	**0.00**	**0.00**	5.0
77.1	12	5.0	21	**77.10**	**12.10**	**0.00**	**2.10**	**0.00**	**0.00**	5.0
77.3	10	5.0	22	**77.32**	**12.32**	**0.00**	**2.32**	**0.00**	**0.00**	5.0
77.8	9	5.0	23	**77.82**	**12.82**	**0.00**	**2.82**	**0.00**	**0.00**	5.0
78.1	6	5.0	24	**78.15**	**13.15**	**0.00**	**3.15**	**0.00**	**0.00**	5.0
77.8	8	5.0	25	**77.84**	**12.84**	**0.00**	**2.84**	**0.00**	**0.00**	5.0
78.0	7	5.0	26	**78.04**	**13.04**	**0.00**	**3.04**	**0.00**	**0.00**	6.0
78.5	3	5.0	27	**78.49**	**13.49**	**0.00**	**3.49**	**0.00**	**0.00**	6.0
78.3	4	5.0	28	**78.29**	**13.29**	**0.00**	**3.29**	**0.00**	**0.00**	6.0
78.2	5	5.0	29	**78.24**	**13.24**	**0.00**	**3.24**	**0.00**	**0.00**	6.0
78.9	1	5.0	30	**78.86**	**13.86**	**0.00**	**3.86**	**0.00**	**0.00**	6.0
78.8	2	5.0	31	**78.81**	**13.81**	**0.00**	**3.81**	**0.00**	**0.00**	6.0
79.7										6.0
78.4	30	6.0	1	**78.42**	**13.42**	**0.00**	**3.42**	**0.00**	**0.00**	6.0
78.7	29	6.0	2	**78.71**	**13.71**	**0.00**	**3.71**	**0.00**	**0.00**	6.0
79.0	25	6.0	3	**79.03**	**14.03**	**0.00**	**4.03**	**0.00**	**0.00**	6.0
79.1	24	6.0	4	**79.10**	**14.10**	**0.00**	**4.10**	**0.00**	**0.00**	6.0
79.6	19	6.0	5	**79.56**	**14.56**	**0.00**	**4.56**	**0.00**	**0.00**	6.0
78.7	28	6.0	6	**78.73**	**13.73**	**0.00**	**3.73**	**0.00**	**0.00**	6.0
78.8	26	6.0	7	**78.78**	**13.78**	**0.00**	**3.78**	**0.00**	**0.00**	6.0
78.8	27	6.0	8	**78.77**	**13.77**	**0.00**	**3.77**	**0.00**	**0.00**	6.0
79.3	23	6.0	9	**79.33**	**14.33**	**0.00**	**4.33**	**0.00**	**0.00**	6.0
79.5	22	6.0	10	**79.45**	**14.45**	**0.00**	**4.45**	**0.00**	**0.00**	6.0
79.5	21	6.0	11	**79.47**	**14.47**	**0.00**	**4.47**	**0.00**	**0.00**	6.0
79.5	20	6.0	12	**79.51**	**14.51**	**0.00**	**4.51**	**0.00**	**0.00**	6.0
80.1	10	6.0	13	**80.07**	**15.07**	**0.00**	**5.07**	**0.00**	**0.00**	6.0
80.2	7	6.0	14	**80.16**	**15.16**	**0.00**	**5.16**	**0.00**	**0.00**	6.0
80.1	8	6.0	15	**80.15**	**15.15**	**0.00**	**5.15**	**0.00**	**0.00**	6.0
80.1	9	6.0	16	**80.08**	**15.08**	**0.00**	**5.08**	**0.00**	**0.00**	6.0
79.6	18	6.0	17	**79.63**	**14.63**	**0.00**	**4.63**	**0.00**	**0.00**	6.0
79.7	16	6.0	18	**79.67**	**14.67**	**0.00**	**4.67**	**0.00**	**0.00**	6.0

79.7	17	6.0	19	**79.67**	**14.67**	**0.00**	**4.67**	**0.00**	**0.00**	6.0
79.9	14	6.0	20	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	6.0
80.3	3	6.0	21	**80.34**	**15.34**	**0.00**	**5.34**	**0.00**	**0.00**	6.0
80.5	1	6.0	22	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	6.0
80.5	2	6.0	23	**80.48**	**15.48**	**0.00**	**5.48**	**0.00**	**0.00**	6.0
80.3	5	6.0	24	**80.25**	**15.25**	**0.00**	**5.25**	**0.00**	**0.00**	7.0
80.3	4	6.0	25	**80.28**	**15.28**	**0.00**	**5.28**	**0.00**	**0.00**	7.0
80.2	6	6.0	26	**80.22**	**15.22**	**0.00**	**5.22**	**0.00**	**0.00**	7.0
79.8	15	6.0	27	**79.85**	**14.85**	**0.00**	**4.85**	**0.00**	**0.00**	7.0
80.0	11	6.0	28	**80.05**	**15.05**	**0.00**	**5.05**	**0.00**	**0.00**	7.0
80.0	12	6.0	29	**80.04**	**15.04**	**0.00**	**5.04**	**0.00**	**0.00**	7.0
80.0	13	6.0	30	**80.02**	**15.02**	**0.00**	**5.02**	**0.00**	**0.00**	7.0
81.0										7.0
80.1	31	7.0	1	**80.09**	**15.09**	**0.00**	**5.09**	**0.00**	**0.00**	7.0
80.4	30	7.0	2	**80.38**	**15.38**	**0.00**	**5.38**	**0.00**	**0.00**	7.0
81.3	9	7.0	3	**81.28**	**16.28**	**0.00**	**6.28**	**0.00**	**0.00**	7.0
80.9	20	7.0	4	**80.88**	**15.88**	**0.00**	**5.88**	**0.00**	**0.00**	7.0
80.8	22	7.0	5	**80.83**	**15.83**	**0.00**	**5.83**	**0.00**	**0.00**	7.0
80.9	21	7.0	6	**80.86**	**15.86**	**0.00**	**5.86**	**0.00**	**0.00**	7.0
80.5	28	7.0	7	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	7.0
80.9	19	7.0	8	**80.90**	**15.90**	**0.00**	**5.90**	**0.00**	**0.00**	7.0
81.4	6	7.0	9	**81.37**	**16.37**	**0.00**	**6.37**	**0.00**	**0.00**	7.0
81.3	8	7.0	10	**81.31**	**16.31**	**0.00**	**6.31**	**0.00**	**0.00**	7.0
80.7	24	7.0	11	**80.71**	**15.71**	**0.00**	**5.71**	**0.00**	**0.00**	7.0
80.4	29	7.0	12	**80.39**	**15.39**	**0.00**	**5.39**	**0.00**	**0.00**	7.0
80.6	26	7.0	13	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**	7.0
81.3	10	7.0	14	**81.28**	**16.28**	**0.00**	**6.28**	**0.00**	**0.00**	7.0
80.6	27	7.0	15	**80.55**	**15.55**	**0.00**	**5.55**	**0.00**	**0.00**	7.0
81.1	14	7.0	16	**81.06**	**16.06**	**0.00**	**6.06**	**0.00**	**0.00**	7.0
81.3	7	7.0	17	**81.33**	**16.33**	**0.00**	**6.33**	**0.00**	**0.00**	7.0
81.1	13	7.0	18	**81.12**	**16.12**	**0.00**	**6.12**	**0.00**	**0.00**	7.0
80.9	18	7.0	19	**80.92**	**15.92**	**0.00**	**5.92**	**0.00**	**0.00**	7.0
81.0	15	7.0	20	**81.05**	**16.05**	**0.00**	**6.05**	**0.00**	**0.00**	7.0
81.0	16	7.0	21	**81.04**	**16.04**	**0.00**	**6.04**	**0.00**	**0.00**	7.0
80.6	25	7.0	22	**80.61**	**15.61**	**0.00**	**5.61**	**0.00**	**0.00**	7.0
80.7	23	7.0	23	**80.74**	**15.74**	**0.00**	**5.74**	**0.00**	**0.00**	7.0
81.1	12	7.0	24	**81.14**	**16.14**	**0.00**	**6.14**	**0.00**	**0.00**	8.0
81.4	5	7.0	25	**81.45**	**16.45**	**0.00**	**6.45**	**0.00**	**0.00**	8.0
81.2	11	7.0	26	**81.15**	**16.15**	**0.00**	**6.15**	**0.00**	**0.00**	8.0
81.5	2	7.0	27	**81.52**	**16.52**	**0.00**	**6.52**	**0.00**	**0.00**	8.0
81.5	3	7.0	28	**81.51**	**16.51**	**0.00**	**6.51**	**0.00**	**0.00**	8.0
81.5	1	7.0	29	**81.55**	**16.55**	**0.00**	**6.55**	**0.00**	**0.00**	8.0
81.5	4	7.0	30	**81.49**	**16.49**	**0.00**	**6.49**	**0.00**	**0.00**	8.0
80.9	17	7.0	31	**80.93**	**15.93**	**0.00**	**5.93**	**0.00**	**0.00**	8.0
80.9										8.0
80.4	31	8.0	1	**80.44**	**15.44**	**0.00**	**5.44**	**0.00**	**0.00**	8.0
80.5	28	8.0	2	**80.52**	**15.52**	**0.00**	**5.52**	**0.00**	**0.00**	8.0

80.5	29	8.0	3	**80.47**	**15.47**	**0.00**	**5.47**	**0.00**	**0.00**	8.0
80.8	18	8.0	4	**80.84**	**15.84**	**0.00**	**5.84**	**0.00**	**0.00**	8.0
81.1	10	8.0	5	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**	8.0
81.6	1	8.0	6	**81.59**	**16.59**	**0.00**	**6.59**	**0.00**	**0.00**	8.0
81.3	5	8.0	7	**81.27**	**16.27**	**0.00**	**6.27**	**0.00**	**0.00**	8.0
81.0	13	8.0	8	**81.01**	**16.01**	**0.00**	**6.01**	**0.00**	**0.00**	8.0
80.8	20	8.0	9	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**	8.0
81.0	12	8.0	10	**81.02**	**16.02**	**0.00**	**6.02**	**0.00**	**0.00**	8.0
81.5	2	8.0	11	**81.48**	**16.48**	**0.00**	**6.48**	**0.00**	**0.00**	8.0
81.0	14	8.0	12	**80.98**	**15.98**	**0.00**	**5.98**	**0.00**	**0.00**	8.0
81.1	8	8.0	13	**81.15**	**16.15**	**0.00**	**6.15**	**0.00**	**0.00**	8.0
81.0	15	8.0	14	**80.97**	**15.97**	**0.00**	**5.97**	**0.00**	**0.00**	8.0
81.1	11	8.0	15	**81.06**	**16.06**	**0.00**	**6.06**	**0.00**	**0.00**	8.0
81.2	7	8.0	16	**81.17**	**16.17**	**0.00**	**6.17**	**0.00**	**0.00**	8.0
81.5	3	8.0	17	**81.46**	**16.46**	**0.00**	**6.46**	**0.00**	**0.00**	8.0
81.3	6	8.0	18	**81.25**	**16.25**	**0.00**	**6.25**	**0.00**	**0.00**	8.0
81.4	4	8.0	19	**81.43**	**16.43**	**0.00**	**6.43**	**0.00**	**0.00**	8.0
80.9	16	8.0	20	**80.91**	**15.91**	**0.00**	**5.91**	**0.00**	**0.00**	8.0
80.9	17	8.0	21	**80.89**	**15.89**	**0.00**	**5.89**	**0.00**	**0.00**	8.0
80.6	26	8.0	22	**80.58**	**15.58**	**0.00**	**5.58**	**0.00**	**0.00**	8.0
80.8	22	8.0	23	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**	9.0
80.5	27	8.0	24	**80.53**	**15.53**	**0.00**	**5.53**	**0.00**	**0.00**	9.0
80.8	23	8.0	25	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	9.0
80.8	21	8.0	26	**80.81**	**15.81**	**0.00**	**5.81**	**0.00**	**0.00**	9.0
80.8	19	8.0	27	**80.82**	**15.82**	**0.00**	**5.82**	**0.00**	**0.00**	9.0
81.1	9	8.0	28	**81.08**	**16.08**	**0.00**	**6.08**	**0.00**	**0.00**	9.0
80.7	25	8.0	29	**80.74**	**15.74**	**0.00**	**5.74**	**0.00**	**0.00**	9.0
80.5	30	8.0	30	**80.46**	**15.46**	**0.00**	**5.46**	**0.00**	**0.00**	9.0
80.7	24	8.0	31	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**	9.0
79.5										9.0
80.7	3	9.0	1	**80.75**	**15.75**	**0.00**	**5.75**	**0.00**	**0.00**	9.0
80.8	1	9.0	2	**80.79**	**15.79**	**0.00**	**5.79**	**0.00**	**0.00**	9.0
80.8	2	9.0	3	**80.76**	**15.76**	**0.00**	**5.76**	**0.00**	**0.00**	9.0
80.5	4	9.0	4	**80.51**	**15.51**	**0.00**	**5.51**	**0.00**	**0.00**	9.0
80.2	5	9.0	5	**80.21**	**15.21**	**0.00**	**5.21**	**0.00**	**0.00**	9.0
79.8	12	9.0	6	**79.81**	**14.81**	**0.00**	**4.81**	**0.00**	**0.00**	9.0
79.4	17	9.0	7	**79.39**	**14.39**	**0.00**	**4.39**	**0.00**	**0.00**	9.0
79.2	19	9.0	8	**79.24**	**14.24**	**0.00**	**4.24**	**0.00**	**0.00**	9.0
79.6	16	9.0	9	**79.56**	**14.56**	**0.00**	**4.56**	**0.00**	**0.00**	9.0
79.9	10	9.0	10	**79.90**	**14.90**	**0.00**	**4.90**	**0.00**	**0.00**	9.0
80.1	8	9.0	11	**80.05**	**15.05**	**0.00**	**5.05**	**0.00**	**0.00**	9.0
79.6	15	9.0	12	**79.63**	**14.63**	**0.00**	**4.63**	**0.00**	**0.00**	9.0
79.8	13	9.0	13	**79.78**	**14.78**	**0.00**	**4.78**	**0.00**	**0.00**	9.0
79.9	11	9.0	14	**79.86**	**14.86**	**0.00**	**4.86**	**0.00**	**0.00**	9.0
80.2	6	9.0	15	**80.18**	**15.18**	**0.00**	**5.18**	**0.00**	**0.00**	9.0
80.2	7	9.0	16	**80.17**	**15.17**	**0.00**	**5.17**	**0.00**	**0.00**	9.0
79.9	9	9.0	17	**79.92**	**14.92**	**0.00**	**4.92**	**0.00**	**0.00**	9.0

79.6	14	9.0	18	**79.65**	**14.65**	**0.00**	**4.65**	**0.00**	**0.00**	9.0
79.1	22	9.0	19	**79.06**	**14.06**	**0.00**	**4.06**	**0.00**	**0.00**	9.0
79.1	21	9.0	20	**79.12**	**14.12**	**0.00**	**4.12**	**0.00**	**0.00**	9.0
79.3	18	9.0	21	**79.34**	**14.34**	**0.00**	**4.34**	**0.00**	**0.00**	10.0
78.9	26	9.0	22	**78.89**	**13.89**	**0.00**	**3.89**	**0.00**	**0.00**	10.0
79.0	23	9.0	23	**79.02**	**14.02**	**0.00**	**4.02**	**0.00**	**0.00**	10.0
79.2	20	9.0	24	**79.21**	**14.21**	**0.00**	**4.21**	**0.00**	**0.00**	10.0
79.0	24	9.0	25	**78.95**	**13.95**	**0.00**	**3.95**	**0.00**	**0.00**	10.0
78.8	27	9.0	26	**78.82**	**13.82**	**0.00**	**3.82**	**0.00**	**0.00**	10.0
78.9	25	9.0	27	**78.94**	**13.94**	**0.00**	**3.94**	**0.00**	**0.00**	10.0
78.8	28	9.0	28	**78.76**	**13.76**	**0.00**	**3.76**	**0.00**	**0.00**	10.0
78.1	29	9.0	29	**78.10**	**13.10**	**0.00**	**3.10**	**0.00**	**0.00**	10.0
77.7	30	9.0	30	**77.71**	**12.71**	**0.00**	**2.71**	**0.00**	**0.00**	10.0
74.6										10.0
77.2	4	10.0	1	**77.22**	**12.22**	**0.00**	**2.22**	**0.00**	**0.00**	10.0
77.3	3	10.0	2	**77.28**	**12.28**	**0.00**	**2.28**	**0.00**	**0.00**	10.0
77.3	2	10.0	3	**77.30**	**12.30**	**0.00**	**2.30**	**0.00**	**0.00**	10.0
77.3	1	10.0	4	**77.30**	**12.30**	**0.00**	**2.30**	**0.00**	**0.00**	10.0
76.6	10	10.0	5	**76.57**	**11.57**	**0.00**	**1.57**	**0.00**	**0.00**	10.0
76.8	7	10.0	6	**76.79**	**11.79**	**0.00**	**1.79**	**0.00**	**0.00**	10.0
76.9	6	10.0	7	**76.93**	**11.93**	**0.00**	**1.93**	**0.00**	**0.00**	10.0
77.1	5	10.0	8	**77.09**	**12.09**	**0.00**	**2.09**	**0.00**	**0.00**	10.0
76.7	8	10.0	9	**76.65**	**11.65**	**0.00**	**1.65**	**0.00**	**0.00**	10.0
76.6	9	10.0	10	**76.62**	**11.62**	**0.00**	**1.62**	**0.00**	**0.00**	10.0
76.4	11	10.0	11	**76.44**	**11.44**	**0.00**	**1.44**	**0.00**	**0.00**	10.0
76.3	12	10.0	12	**76.27**	**11.27**	**0.00**	**1.27**	**0.00**	**0.00**	10.0
76.2	13	10.0	13	**76.17**	**11.17**	**0.00**	**1.17**	**0.00**	**0.00**	10.0
76.1	14	10.0	14	**76.14**	**11.14**	**0.00**	**1.14**	**0.00**	**0.00**	10.0
74.7	15	10.0	15	**74.68**	**9.68**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
74.1	17	10.0	16	**74.14**	**9.14**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
73.6	20	10.0	17	**73.57**	**8.57**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
73.4	22	10.0	18	**73.41**	**8.41**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
73.6	21	10.0	19	**73.56**	**8.56**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
74.2	16	10.0	20	**74.16**	**9.16**	**0.00**	**0.00**	**0.00**	**0.00**	10.0
73.9	18	10.0	21	**73.89**	**8.89**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
73.8	19	10.0	22	**73.77**	**8.77**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
73.4	23	10.0	23	**73.40**	**8.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
72.1	27	10.0	24	**72.11**	**7.11**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
72.4	25	10.0	25	**72.35**	**7.35**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
72.4	24	10.0	26	**72.40**	**7.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
72.2	26	10.0	27	**72.20**	**7.20**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
71.6	28	10.0	28	**71.55**	**6.55**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
71.0	31	10.0	29	**70.99**	**5.99**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
71.1	30	10.0	30	**71.12**	**6.12**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
71.5	29	10.0	31	**71.51**	**6.51**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
67.6										11.0
71.6	1	11.0	1	**71.64**	**6.64**	**0.00**	**0.00**	**0.00**	**0.00**	11.0

70.8	2	11.0	2	**70.78**	**5.78**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
69.5	6	11.0	3	**69.52**	**4.52**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
70.1	3	11.0	4	**70.08**	**5.08**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
70.0	5	11.0	5	**69.96**	**4.96**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
70.0	4	11.0	6	**70.00**	**5.00**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.9	7	11.0	7	**68.92**	**3.92**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.6	9	11.0	8	**68.58**	**3.58**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
67.8	14	11.0	9	**67.80**	**2.80**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.2	13	11.0	10	**68.24**	**3.24**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.7	8	11.0	11	**68.67**	**3.67**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.6	10	11.0	12	**68.55**	**3.55**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.4	11	11.0	13	**68.40**	**3.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
68.3	12	11.0	14	**68.26**	**3.26**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
67.7	15	11.0	15	**67.69**	**2.69**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
66.4	21	11.0	16	**66.40**	**1.40**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
66.0	26	11.0	17	**66.00**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
66.1	25	11.0	18	**66.05**	**1.05**	**0.00**	**0.00**	**0.00**	**0.00**	11.0
66.5	19	11.0	19	**66.55**	**1.55**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.4	20	11.0	20	**66.41**	**1.41**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.8	17	11.0	21	**66.77**	**1.77**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.4	22	11.0	22	**66.36**	**1.36**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.1	24	11.0	23	**66.11**	**1.11**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.6	18	11.0	24	**66.62**	**1.61**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.9	16	11.0	25	**66.87**	**1.87**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
66.2	23	11.0	26	**66.21**	**1.21**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
65.1	28	11.0	27	**65.10**	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
64.5	30	11.0	28	**64.52**	**0.00**	**0.00**	**0.00**	**0.48**	**0.00**	12.0
64.8	29	11.0	29	**64.79**	**0.00**	**0.00**	**0.00**	**0.21**	**0.00**	12.0
65.7	27	11.0	30	**65.69**	**0.69**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
62.9										12.0
64.9	3	12.0	1	**64.95**	**0.00**	**0.00**	**0.00**	**0.05**	**0.00**	12.0
64.7	6	12.0	2	**64.66**	**0.00**	**0.00**	**0.00**	**0.34**	**0.00**	12.0
64.7	5	12.0	3	**64.74**	**0.00**	**0.00**	**0.00**	**0.26**	**0.00**	12.0
64.6	7	12.0	4	**64.63**	**0.00**	**0.00**	**0.00**	**0.37**	**0.00**	12.0
64.8	4	12.0	5	**64.78**	**0.00**	**0.00**	**0.00**	**0.22**	**0.00**	12.0
63.7	11	12.0	6	**63.75**	**0.00**	**0.00**	**0.00**	**1.25**	**0.00**	12.0
63.4	13	12.0	7	**63.37**	**0.00**	**0.00**	**0.00**	**1.63**	**0.00**	12.0
64.0	9	12.0	8	**63.96**	**0.00**	**0.00**	**0.00**	**1.04**	**0.00**	12.0
65.2	1	12.0	9	**65.17**	**0.17**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
65.0	2	12.0	10	**65.04**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	12.0
62.9	17	12.0	11	**62.86**	**0.00**	**0.00**	**0.00**	**2.14**	**0.00**	12.0
62.5	20	12.0	12	**62.51**	**0.00**	**0.00**	**0.00**	**2.49**	**0.00**	12.0
63.8	10	12.0	13	**63.83**	**0.00**	**0.00**	**0.00**	**1.17**	**0.00**	12.0
64.3	8	12.0	14	**64.32**	**0.00**	**0.00**	**0.00**	**0.68**	**0.00**	12.0
62.7	18	12.0	15	**62.69**	**0.00**	**0.00**	**0.00**	**2.31**	**0.00**	12.0
62.5	21	12.0	16	**62.48**	**0.00**	**0.00**	**0.00**	**2.52**	**0.00**	12.0
63.2	14	12.0	17	**63.21**	**0.00**	**0.00**	**0.00**	**1.79**	**0.00**	12.0

62.0	22	12.0	18	**62.02**	**0.00**	**0.00**	**0.00**	**2.98**	**0.00**
60.7	28	12.0	19	**60.74**	**0.00**	**0.00**	**0.00**	**4.26**	**0.00**
60.4	29	12.0	20	**60.45**	**0.00**	**0.00**	**0.00**	**4.55**	**0.00**
61.3	27	12.0	21	**61.34**	**0.00**	**0.00**	**0.00**	**3.66**	**0.00**
61.9	23	12.0	22	**61.90**	**0.00**	**0.00**	**0.00**	**3.10**	**0.00**
63.2	15	12.0	23	**63.17**	**0.00**	**0.00**	**0.00**	**1.83**	**0.00**
63.7	12	12.0	24	**63.68**	**0.00**	**0.00**	**0.00**	**1.32**	**0.00**
61.4	25	12.0	25	**61.43**	**0.00**	**0.00**	**0.00**	**3.57**	**0.00**
59.5	31	12.0	26	**59.46**	**0.00**	**0.00**	**0.00**	**5.54**	**0.00**
59.9	30	12.0	27	**59.89**	**0.00**	**0.00**	**0.00**	**5.11**	**0.00**
61.5	24	12.0	28	**61.54**	**0.00**	**0.00**	**0.00**	**3.46**	**0.00**
62.5	19	12.0	29	**62.54**	**0.00**	**0.00**	**0.00**	**2.47**	**0.00**
61.3	26	12.0	30	**61.34**	**0.00**	**0.00**	**0.00**	**3.66**	**0.00**
62.9	16	12.0	31	**62.92**	**0.00**	**0.00**	**0.00**	**2.08**	**0.00**
72.2									

Sorted by Month and Rank of Average Temperatures 1991 to 2020

Average of MCO_Actuals_Temp_Avg_D

Day of Month	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Avg Day Temp	Rank
2	68.2	64.9	68.5	67.3	62.4	72.9	68.3	59.0	71.9	66.5	44.8	56.5	62.5	67.0	65.3	72.7	63.2	43.0	63.4	48.0	67.6	58.5	67.5	69.7	67.7	65.1	71.7	48.5	71.9	67.6	63.7	1.0
1	72.0	64.0	68.5	62.5	66.2	68.0	68.6	49.8	61.3	63.7	42.4	53.6	67.5	65.9	64.6	66.2	70.3	65.0	59.1	58.8	65.6	64.3	64.0	62.6	65.6	73.9	67.5	53.1	72.2	60.4	63.6	2.0
12	69.3	61.4	73.3	69.3	63.5	54.7	56.8	61.1	58.1	62.4	60.5	59.6	51.5	54.8	69.2	67.5	65.8	69.4	63.3	43.6	46.5	64.0	69.5	62.2	68.2	52.1	67.5	70.1	65.3	74.8	62.5	3.0
29	71.0	67.0	60.8	72.2	68.5	64.0	66.7	54.6	68.6	62.6	62.8	70.6	59.3	51.6	64.6	66.8	46.8	59.4	68.4	61.9	58.0	60.9	70.7	52.9	56.3	57.8	50.2	67.3	55.8	61.2	62.0	4.0
30	75.2	68.6	63.1	67.4	56.8	66.1	57.3	55.5	69.0	66.7	69.1	71.8	61.5	57.2	65.8	65.6	48.4	67.3	56.2	65.8	59.5	59.4	72.8	48.5	59.2	57.4	53.0	53.8	51.4	62.6	61.7	5.0
11	73.2	52.4	71.6	66.5	61.5	53.4	55.2	57.0	51.5	66.5	56.5	55.3	57.8	49.1	66.3	66.7	61.1	68.8	66.3	39.0	62.5	64.7	71.0	75.2	64.0	51.0	64.2	70.1	58.6	74.5	61.7	6.0
13	50.8	69.3	72.9	61.3	69.4	48.0	57.2	64.7	63.8	64.4	53.3	58.2	54.7	54.3	73.2	68.0	68.0	67.5	60.5	46.7	41.8	56.4	69.7	63.5	67.5	53.0	67.0	56.3	68.1	73.7	61.4	7.0
23	52.9	67.6	68.2	57.6	57.1	62.9	62.9	67.5	75.0	62.7	50.5	72.6	56.4	54.0	52.8	72.6	64.5	67.4	50.3	64.5	48.8	66.8	55.5	48.8	70.7	48.2	65.3	70.6	68.0	60.5	61.4	8.0
3	68.7	60.1	70.5	64.3	60.4	60.2	65.3	65.9	62.0	66.9	46.2	46.8	57.7	67.6	65.7	71.6	70.8	41.6	63.8	41.5	61.8	43.0	64.9	48.8	74.4	56.7	75.6	46.3	71.9	73.6	61.1	9.0
6	70.9	60.2	70.3	56.6	63.2	58.9	68.8	72.0	45.1	65.3	53.3	61.0	54.5	62.6	68.9	53.9	73.5	64.2	68.4	39.3	61.5	55.5	68.9	62.9	65.2	59.7	64.9	45.6	58.8	55.5	61.0	10.0
27	63.2	63.0	50.4	69.4	58.4	68.7	61.2	64.7	66.8	43.2	55.9	67.4	51.3	67.8	61.9	58.9	60.4	57.8	66.7	54.0	52.0	67.7	64.5	66.2	56.0	65.3	62.7	67.3	53.4	62.5	61.0	11.0
22	49.5	60.1	70.3	54.2	54.6	59.0	61.7	68.0	71.5	52.3	51.0	70.3	63.4	55.8	62.1	71.4	71.1	66.6	43.9	71.0	53.1	63.2	58.8	48.3	65.4	62.3	73.8	68.3	59.5	46.3	60.9	12.0
28	69.7	66.2	55.4	73.8	65.3	56.7	66.0	56.1	66.9	52.1	58.0	70.1	52.4	50.5	61.3	62.2	61.5	54.3	69.4	56.8	55.0	60.3	69.3	67.8	52.5	63.9	53.4	68.6	49.9	60.7	60.9	13.0
10	68.7	67.2	68.7	61.9	56.4	52.3	54.8	57.9	53.8	69.3	46.1	51.1	62.8	49.8	67.2	65.1	53.9	67.0	61.6	35.1	63.9	65.4	71.3	72.2	55.6	64.6	59.0	68.5	51.6	70.8	60.5	14.0
24	67.0	56.3	69.1	62.0	46.8	69.9	67.0	62.9	66.2	58.5	51.9	70.8	34.8	54.1	44.3	70.3	57.9	64.8	56.0	71.5	59.4	69.2	58.3	48.6	62.8	43.7	63.7	59.6	67.9	67.8	60.1	15.0
14	56.0	65.6	60.3	53.4	66.9	52.2	58.7	66.5	68.6	56.3	61.5	60.8	52.3	55.6	65.6	56.2	68.5	57.4	52.9	54.3	50.3	47.8	69.8	68.8	61.0	57.6	67.3	48.8	59.6	72.8	59.8	16.0
16	68.3	46.7	57.5	52.5	53.8	61.3	64.0	63.8	66.1	56.3	66.2	57.3	56.6	56.4	53.0	57.6	71.1	60.6	49.8	67.6	59.7	57.2	69.8	50.3	56.4	63.8	68.0	56.5	51.0	73.6	59.8	17.0
19	67.8	54.8	63.0	47.8	63.0	63.0	41.8	61.1	67.1	62.9	70.3	66.1	45.7	60.1	52.2	56.2	63.4	66.3	62.0	56.4	66.4	59.1	64.5	50.5	57.5	47.6	69.3	49.8	64.5	71.2	59.7	18.0
17	58.2	47.5	54.2	63.8	53.3	63.7	44.2	56.1	70.1	58.0	68.3	64.0	53.4	60.9	46.9	66.4	64.8	69.5	49.7	69.5	58.8	62.3	64.5	49.7	59.6	60.8	68.5	55.4	57.6	70.6	59.7	19.0
31	68.2	61.4	60.1	59.7	49.0	68.1	53.5	55.7	68.1	51.6	70.7	72.1	63.1	56.0	55.5	59.7	55.8	68.4	49.3	52.3	63.7	62.3	59.5	57.2	57.8	62.0	54.2	54.9	54.7	65.6	59.7	20.0
7	71.6	56.5	71.3	63.3	67.7	55.5	68.8	75.8	56.3	68.6	49.5	48.8	48.4	51.0	69.1	46.6	73.1	65.5	65.3	44.3	53.6	57.9	64.3	40.7	58.5	62.5	59.1	52.0	64.8	59.3	59.6	21.0
26	58.6	53.8	56.8	64.0	54.0	65.8	60.8	58.2	63.2	41.6	50.8	70.7	55.3	68.5	59.2	56.9	53.5	57.3	63.2	55.8	62.1	71.3	60.4	59.5	58.5	62.3	70.8	61.8	53.9	57.2	59.5	22.0
15	63.6	48.0	61.8	54.0	60.5	56.1	61.1	67.2	67.2	54.0	63.3	60.7	51.1	59.3	61.1	51.7	68.3	50.9	50.7	60.0	57.0	51.0	70.7	58.8	55.8	65.8	68.3	52.3	53.1	74.1	59.3	23.0
21	57.1	52.3	70.0	53.9	52.1	62.1	55.3	62.3	68.4	48.6	43.7	71.0	56.7	55.9	58.8	70.3	65.5	56.7	39.7	69.4	62.9	63.0	65.1	61.5	64.4	57.1	71.5	64.3	48.3	48.3	59.2	24.0
5	70.8	56.9	73.2	47.1	52.3	52.8	69.1	71.6	40.0	59.8	46.6	49.7	48.9	68.5	68.8	60.8	72.5	59.0	66.8	40.5	65.7	50.8	63.6	68.8	66.6	58.4	65.1	43.0	62.3	55.3	59.2	25.0
9	65.7	65.5	67.1	51.4	52.3	42.6	66.6	64.1	65.1	67.0	48.8	43.8	57.7	60.7	68.1	57.6	56.4	64.6	58.3	34.4	54.5	63.8	72.8	65.5	50.8	63.8	52.3	66.2	63.5	63.9	59.2	26.0
8	69.8	59.8	72.7	59.3	53.0	37.3	67.3	70.1	61.3	66.6	58.6	42.4	48.8	55.6	69.3	50.0	71.8	67.2	58.1	45.8	58.3	61.2	71.2	53.8	50.7	63.5	44.1	60.6	66.8	58.2	59.1	27.0
4	68.4	54.3	72.1	56.3	54.1	48.6	66.0	69.5	46.0	69.2	42.7	39.4	46.0	68.8	66.3	61.1	72.1	51.6	67.9	42.0	62.0	43.0	58.0	57.9	74.8	55.3	70.8	41.3	71.3	70.5	58.9	28.0
18	56.9	56.8	57.0	59.3	59.3	68.9	40.8	56.7	67.1	62.5	69.2	62.1	42.3	63.0	48.7	56.8	65.3	62.7	56.2	58.4	66.3	62.7	54.5	50.9	61.7	51.6	69.5	39.1	61.8	69.7	58.6	29.0
20	63.9	50.9	66.3	52.0	53.8	51.8	51.1	55.8	67.0	64.5	58.4	69.8	50.9	53.0	55.8	66.4	59.5	50.4	50.4	58.8	64.7	59.9	64.3	56.5	59.4	50.8	70.3	57.5	58.9	56.3	58.3	30.0
25	59.7	52.0	62.8	63.8	48.9	57.9	64.4	52.4	60.9	47.4	51.7	71.2	46.8	59.4	52.5	62.6	50.8	55.6	60.2	65.1	68.0	68.3	61.1	55.8	52.8	52.8	61.6	57.6	52.8	63.0	58.0	31.0
22	72.9	69.5	66.3	70.7	54.7	70.5	71.3	69.3	48.1	62.6	68.8	65.2	75.0	66.1	70.3	70.6	67.3	74.3	63.1	64.5	70.8	67.6	72.9	70.3	67.8	68.1	67.2	73.9	76.0	57.1	67.8	1.0
23	72.1	73.5	58.6	74.1	59.9	71.3	65.5	64.3	54.0	62.9	66.4	57.9	63.5	67.3	70.9	75.0	63.1	71.0	58.5	66.2	68.7	73.3	76.7	71.1	70.0	69.5	68.2	73.3	78.0	63.5	67.6	2.0
24	66.2	72.3	54.0	64.8	64.7	71.9	66.6	59.6	57.0	65.1	70.5	55.0	62.5	67.2	69.4	65.6	62.7	68.0	56.9	58.9	69.1	74.9	70.4	70.0	68.1	69.6	72.5	72.8	77.0	68.1	66.4	3.0
25	67.0	71.0	59.3	65.3	63.4	71.0	67.2	61.1	59.1	67.0	74.3	59.6	66.1	63.7	65.0	71.6	70.1	69.1	61.3	48.3	73.5	64.1	72.0	69.8	66.5	57.8	70.1	74.0	68.0	73.3	66.3	4.0

26	65.0	69.0	64.5	64.8	63.3	71.5	72.2	63.2	60.1	67.0	74.1	63.8	69.5	62.0	64.9	62.3	70.3	70.5	62.2	48.3	72.1	63.1	71.8	65.3	67.1	54.5	66.3	77.3	66.8	69.8	66.1	5.0
21	70.7	63.8	64.4	70.6	60.9	66.6	74.4	61.1	51.9	58.4	67.5	72.2	73.5	68.7	68.5	68.8	64.1	67.7	54.8	61.8	69.8	63.1	69.5	72.3	57.8	65.1	68.9	75.1	73.8	54.6	66.0	6.0
20	70.5	64.8	59.3	71.8	61.6	66.8	71.6	66.3	59.3	65.7	66.2	67.2	70.6	59.4	63.5	64.3	57.5	60.1	54.1	58.4	66.3	60.1	65.2	71.3	44.0	63.2	69.2	75.0	75.7	75.3	64.8	7.0
19	70.2	71.5	48.6	68.2	68.6	60.9	71.0	63.8	65.6	72.3	63.2	59.5	63.0	53.3	58.0	62.5	50.1	61.3	66.3	52.0	67.5	71.7	63.3	68.7	45.7	61.8	70.6	72.6	73.7	76.0	64.0	8.0
28	62.8	59.0	54.4	63.3	68.3	71.3	75.3	69.5	65.3	66.2	73.0	45.7	66.0	53.2	66.5	60.7	69.0	48.3	68.3	52.1	74.1	69.6	61.6	58.8	64.0	58.7	74.3	70.8	70.1	53.9	63.8	9.0
15	55.1	71.8	60.0	60.9	70.3	62.9	67.5	60.1	56.3	66.2	71.7	64.5	67.2	65.6	67.7	56.1	52.4	60.6	67.4	54.0	60.5	68.5	59.5	58.8	60.3	64.1	70.3	69.8	65.9	67.8	63.5	10.0
27	55.8	59.8	54.7	60.9	66.6	71.0	75.0	69.3	64.1	68.3	72.9	54.0	71.3	48.1	68.3	56.7	73.3	54.3	65.0	47.1	72.2	71.3	66.6	58.4	55.4	54.0	70.2	72.6	70.0	56.5	63.4	11.0
16	40.0	69.3	69.2	62.7	72.4	56.7	58.9	68.9	62.8	65.2	73.0	61.0	70.8	56.5	68.5	62.4	49.1	65.7	62.8	48.7	63.4	71.2	58.6	57.0	62.1	67.0	63.6	72.0	67.6	71.0	63.3	12.0
2	66.5	54.3	56.6	49.5	56.3	71.6	58.7	66.7	67.8	55.1	59.8	69.0	56.5	63.0	60.0	68.7	71.4	65.3	60.0	64.1	71.1	68.5	56.5	73.6	64.6	70.7	64.0	63.6	67.5	55.8	63.2	13.0
18	63.4	70.9	56.4	65.4	73.0	50.7	65.2	66.4	70.3	68.7	62.5	56.2	58.0	50.0	58.8	68.2	49.4	72.0	64.3	49.1	68.6	70.0	51.2	65.5	54.7	60.9	65.8	69.8	73.6	75.0	63.1	14.0
12	58.6	58.4	67.9	72.6	61.7	56.5	58.4	65.1	70.5	62.5	67.3	62.1	55.8	71.0	53.9	47.0	62.8	65.4	71.7	48.8	50.8	43.0	72.2	66.5	57.8	58.5	68.3	76.1	73.5	76.3	62.7	15.0
17	52.3	71.1	63.3	63.1	72.1	41.8	60.6	73.8	66.3	67.0	68.8	59.0	65.5	54.1	69.6	66.5	46.9	70.4	57.5	46.7	65.5	68.8	46.0	59.8	66.3	61.2	61.1	70.6	72.4	72.0	62.7	16.0
11	60.6	58.5	65.6	75.6	65.1	64.8	55.0	64.3	70.2	58.4	68.9	63.3	57.5	66.4	49.7	58.6	58.1	60.2	70.1	45.4	53.7	60.1	69.5	65.7	56.7	51.2	64.6	75.1	71.5	74.7	62.6	17.0
10	58.8	61.3	62.2	72.8	55.6	62.3	58.7	55.6	68.5	56.6	69.0	68.2	64.8	65.0	63.9	55.4	60.8	61.9	64.5	50.7	59.5	67.6	66.4	62.5	60.2	49.9	60.4	72.5	67.7	70.8	62.5	18.0
3	68.9	59.8	55.7	48.9	60.9	61.2	62.4	67.8	70.7	56.4	54.6	66.7	59.3	60.3	63.3	65.0	57.5	68.5	55.6	55.5	66.6	67.3	57.0	73.1	54.8	74.1	67.7	61.6	65.1	59.2	62.2	19.0
7	67.5	52.6	63.5	66.8	52.1	55.6	67.4	49.2	65.8	57.4	60.6	64.1	66.8	62.7	63.0	60.3	58.2	73.6	54.8	49.2	64.1	66.3	72.4	55.8	58.9	50.0	68.9	71.3	68.3	62.3	61.7	20.0
4	67.3	61.8	59.8	59.2	54.9	42.8	66.6	57.3	71.3	57.8	55.5	58.6	66.1	62.6	50.8	62.6	54.8	70.3	45.8	61.2	68.0	69.3	55.2	73.8	63.4	71.6	65.6	67.4	61.2	63.8	61.5	21.0
6	67.4	60.0	62.1	68.8	47.6	47.5	68.8	49.3	65.5	50.3	54.2	64.6	62.3	74.5	61.9	54.1	53.2	72.3	47.9	59.3	59.9	69.1	67.5	63.2	57.0	56.0	64.3	65.8	66.4	77.4	61.3	22.0
1	61.9	57.8	58.2	54.0	50.3	68.3	54.1	58.8	66.0	53.0	65.4	71.4	58.2	63.5	57.9	57.8	66.8	67.2	54.1	57.3	68.3	66.2	54.5	68.3	61.7	70.2	59.6	61.3	63.9	62.0	61.3	23.0
9	58.1	53.0	58.0	71.2	42.5	61.8	62.7	51.3	68.0	57.0	67.0	62.8	54.0	62.6	64.4	55.2	61.0	66.1	59.5	57.7	58.6	62.6	63.8	60.9	61.9	54.8	73.8	70.0	66.5	64.8	61.1	24.0
13	65.3	60.5	57.6	69.9	60.1	48.5	70.8	54.8	56.5	64.6	67.9	57.5	55.9	62.9	57.2	44.3	66.8	66.4	67.5	44.6	52.9	50.3	73.5	58.1	53.2	60.1	69.5	73.5	59.6	77.5	60.9	25.0
14	66.8	64.9	57.1	59.6	65.5	54.2	74.2	53.8	50.8	68.3	69.9	58.4	59.6	65.2	65.0	47.3	67.0	52.1	68.9	46.1	56.0	63.4	63.4	52.7	51.4	57.8	70.8	67.8	60.5	69.0	60.9	26.0
5	66.2	65.3	63.9	63.6	52.5	38.2	71.8	53.4	68.0	50.5	57.0	55.2	58.3	70.0	55.2	53.4	53.0	71.1	39.5	67.4	68.5	70.5	59.5	75.0	61.3	52.9	64.0	65.8	63.3	69.1	60.8	27.0
8	57.4	54.6	57.7	68.0	48.3	60.7	68.8	51.1	69.6	57.1	64.3	52.2	54.0	49.6	64.1	53.4	57.7	67.2	58.8	52.4	53.6	64.9	70.6	57.8	62.7	53.0	71.4	69.4	69.3	58.3	59.9	28.0

31	63.5	69.5	74.4	68.0	67.8	67.7	71.9	75.2	72.8	75.1	70.6	76.0	52.3	69.6	74.7	70.1	69.8	71.0	71.0	63.2	67.7	71.6	70.0	64.4	71.2	76.9	76.0	69.3	72.2	79.3	70.4	1.0
29	78.2	65.5	68.4	66.5	71.3	71.8	72.2	72.7	67.5	69.5	67.3	72.5	73.7	67.0	67.4	68.8	71.1	70.8	71.0	64.7	71.5	72.3	60.0	71.0	59.5	72.4	75.3	72.5	67.8	77.8	69.9	2.0
30	69.7	69.8	71.9	64.0	72.4	70.5	73.7	72.2	68.6	77.0	70.8	74.8	63.0	67.6	66.8	68.9	69.2	69.9	66.3	61.5	72.9	73.1	63.7	65.8	62.9	71.8	76.4	73.0	69.8	79.5	69.9	3.0
28	75.8	64.8	64.5	80.5	72.9	70.9	74.0	71.3	63.1	70.7	64.1	70.3	71.4	69.5	70.7	63.6	70.7	68.4	77.5	66.5	67.9	71.5	57.0	72.0	60.9	75.5	73.6	69.0	66.7	78.3	69.8	4.0
27	74.8	65.4	69.3	79.6	71.3	71.8	74.0	68.3	62.1	69.5	60.1	72.8	71.3	69.4	77.3	57.7	72.0	65.8	72.0	66.8	76.5	71.0	51.6	61.2	70.6	77.7	71.5	68.6	62.7	78.6	69.4	5.0
26	71.0	64.9	71.2	74.1	66.8	72.3	74.1	67.7	68.8	69.2	63.7	73.9	71.1	70.2	72.1	56.3	72.3	61.2	70.3	69.3	71.5	70.5	53.8	53.8	73.7	74.3	71.0	70.0	71.2	77.1	68.9	6.0
25	71.9	67.3	68.0	72.3	69.4	69.4	73.2	66.3	67.8	67.4	66.7	72.8	67.0	66.2	73.5	56.9	70.0	55.8	68.3	67.3	73.3	74.6	65.5	66.4	69.8	68.4	70.2	69.5	71.3	77.6	68.8	7.0
24	72.7	65.0	69.1	76.2	73.3	64.6	71.8	61.7	70.7	66.7	65.8	68.1	66.5	63.0	69.8	64.0	71.1	61.8	66.3	62.6	73.8	73.9	72.5	69.7	70.0	69.1	70.3	63.7	68.5	77.7	68.7	8.0
20	64.5	66.0	64.4	72.9	65.2	54.0	68.3	67.5	69.1	73.7	66.1	74.1	80.2	69.5	61.3	73.1	64.8	68.8	68.5	62.3	70.8	71.6	69.0	68.5	76.7	71.7	63.4	71.4	63.5	76.0	68.6	9.0
19	66.8	73.3	62.8	69.3	64.0	63.6	71.7	65.8	67.5	68.7	66.5	72.6	77.3	69.4	53.8	67.1	61.5	74.1	68.6	59.3	70.8	70.7	73.4	66.2	76.5	70.4	67.0	71.5	60.2	75.7	68.2	10.0
16	59.0	59.0	60.6	68.0	68.8	67.4	65.4	65.0	57.7	73.4	75.4	75.3	68.2	70.0	72.8	65.9	70.9	75.0	75.0	57.7	69.6	71.0	61.8	71.4	74.0	76.2	51.8	59.8	71.0	74.1	67.7	11.0
18	69.5	67.7	61.5	63.8	65.3	71.8	71.3	71.7	66.0	70.3	62.6	72.8	72.0	67.0	54.2	69.5	57.0	69.5	69.9	57.4	70.4	70.8	70.9	68.2	75.2	73.7	64.0	70.0	61.7	75.2	67.7	12.0
23	73.3	68.9	71.5	71.9	71.8	57.8	70.2	57.0	65.5	65.2	62.6	63.2	63.4	59.5	72.2	66.5	70.8	69.6	64.8	60.8	71.4	73.2	73.5	73.5	72.2	65.9	71.6	59.1	64.2	77.4	67.6	13.0
17	64.0	60.7	66.4	60.3	66.7	69.9	67.4	69.4	62.9	68.6	70.4	75.1	71.1	68.9	65.8	69.8	59.5	68.4	70.8	59.5	70.3	70.1	63.7	72.0	74.6	73.8	57.8	67.1	64.3	75.3	67.5	14.0
22	72.9	62.2	69.3	73.5	69.9	54.2	71.3	54.1	62.5	70.3	58.5	67.2	74.5	61.8	74.9	70.0	69.8	65.5	63.0	60.3	70.2	73.5	62.3	74.7	77.7	59.8	71.5	58.5	64.3	76.4	67.2	15.0
21	70.3	60.2	64.9	73.6	67.7	50.7	70.3	58.7	67.4	69.7	56.3	73.4	75.2	68.8	66.7	76.0	66.6	64.5	66.7	62.9	70.9	72.0	60.9	71.9	76.3	58.3	67.6	62.5	64.8	76.3	67.1	16.0
2	71.4	67.4	61.9	67.9	59.5	57.4	75.3	57.8	62.8	69.1	73.2	73.3	71.5	70.5	53.3	67.9	76.3	63.9	49.3	59.4	66.1	73.2	52.1	67.4	71.2	68.5	73.0	72.0	73.6	65.8	66.4	17.0
15	61.1	63.8	46.4	61.3	67.0	64.0	68.8	59.8	56.4	68.4	74.0	70.3	71.3	69.3	68.8	64.6	72.0	72.8	74.7	60.5	67.3	71.0	56.7	66.0	76.3	77.5	52.6	58.0	72.8	75.5	66.3	18.0
12	59.4	50.4	70.0	59.7	64.6	54.0	72.3	47.2	62.5	69.2	73.0	72.0	73.0	61.8	62.3	72.2	68.8	68.2	69.5	63.6	57.7	69.8	66.1	71.6	77.7	72.6	69.0	67.5	69.7	72.6	66.3	19.0
13	65.9	58.3	55.5	65.0	65.1	56.1	70.1	51.2	67.2	62.1	74.5	70.4	76.9	64.2	65.5	74.2	68.7	65.3	69.6	63.1	62.6	69.1	62.1	60.4	75.8	74.8	69.4	55.3	69.3	73.8	66.0	20.0
1	72.6	65.7	56.3	67.4	69.6	57.6	74.1	66.8	60.8	67.1	72.5	57.7	70.7	67.4	59.8	63.9	72.7	63.6	59.3	54.6	69.2	76.0	56.5	63.0	70.6	67.1	74.5	74.6	71.2	58.4	66.0	21.0
10	54.9	73.0	67.3	69.8	55.3	49.1	71.5	52.3	69.5	70.5	64.2	68.5	68.7	55.8	54.7	71.9	69.0	61.8	69.7	65.4	62.5	71.5	65.8	68.1	74.4	73.2	72.7	60.8	75.2	69.8	65.9	22.0
14	71.3	58.8	41.7	64.2	67.2	60.8	70.1	55.7	66.8	65.5	67.5	65.6	72.3	66.9	67.9	75.8	69.5	62.5	72.8	61.7	65.3	70.7	56.7	60.0	77.1	77.0	62.3	57.3	71.4	74.5	65.9	23.0

11	55.5	57.5	65.5	52.3	59.8	48.7	73.8	49.9	62.5	71.0	67.0	66.1	70.0	57.4	59.7	73.7	68.1	68.0	70.0	66.4	55.8	67.3	67.4	67.5	76.6	71.8	71.7	71.2	75.7	70.4	65.3	24.0
3	70.8	68.3	70.7	55.5	63.0	58.1	76.5	55.4	62.5	70.1	75.1	73.9	62.0	69.8	49.5	71.9	61.1	68.9	49.7	49.9	67.0	75.8	45.7	70.4	71.9	67.5	65.2	61.9	74.4	71.3	65.1	25.0
7	70.6	72.1	61.6	69.9	72.0	73.5	64.2	71.3	63.2	67.7	55.2	63.7	74.7	72.5	66.1	62.4	64.3	72.3	65.0	54.4	59.0	68.3	53.9	59.0	60.1	65.0	68.8	66.1	57.0	56.7	65.0	26.0
8	71.7	71.9	61.2	68.8	68.7	53.1	69.1	75.4	61.8	68.2	56.3	68.0	71.1	63.7	66.7	60.1	65.9	60.8	67.5	58.2	65.8	70.5	58.2	59.1	65.5	68.3	71.5	55.2	65.5	61.5	65.0	27.0
9	61.4	70.9	67.1	69.9	56.1	43.3	69.5	67.3	66.1	68.6	60.0	70.8	72.0	59.7	52.0	65.5	67.9	54.5	68.4	60.9	71.2	73.2	61.5	65.2	69.5	70.1	72.3	55.5	70.8	66.8	64.9	28.0
6	63.3	73.5	60.1	65.5	68.6	72.7	70.8	69.2	64.3	65.6	55.1	60.6	76.7	73.8	62.3	63.9	57.7	63.6	62.5	52.0	69.9	63.5	60.4	65.3	65.0	62.8	67.7	66.3	51.3	69.8	64.8	29.0
5	57.9	72.0	61.1	63.0	67.3	67.0	74.8	60.5	58.3	64.0	59.9	49.4	74.8	72.5	58.4	61.7	55.6	68.2	59.5	49.7	68.4	59.9	59.5	64.2	76.0	62.3	67.1	60.8	58.5	78.9	63.7	30.0
4	58.8	68.6	64.7	57.4	66.3	62.3	74.4	53.3	55.0	69.8	67.8	51.4	67.3	70.2	55.8	63.9	62.5	72.5	53.9	47.9	66.0	64.5	48.9	69.0	74.8	66.9	62.9	57.9	74.0	75.5	63.5	31.0
27	80.6	61.7	69.2	73.9	74.0	77.9	78.4	73.3	78.8	69.4	66.6	77.6	73.4	69.8	72.5	78.5	78.1	73.3	73.4	72.5	82.8	74.0	74.5	78.4	78.7	75.1	78.4	74.1	74.1	70.4	74.4	1.0
29	81.6	62.8	67.5	74.8	73.7	81.9	71.4	73.8	72.9	73.8	69.9	77.6	75.6	72.8	71.2	71.2	76.0	71.1	73.6	69.0	76.0	76.0	74.8	79.1	78.0	78.1	79.2	73.3	75.6	75.7	74.3	2.0
26	77.0	70.0	74.9	73.9	68.6	79.5	70.4	69.5	78.8	68.3	66.8	77.3	70.9	76.3	69.0	79.3	77.1	72.1	72.4	72.9	79.9	71.0	75.1	77.1	81.4	73.9	71.6	70.7	75.3	80.1	74.0	3.0
28	81.9	61.2	66.6	75.0	72.1	79.3	73.9	73.9	72.8	69.9	68.8	77.7	74.6	69.3	69.5	72.0	75.7	75.0	73.2	68.0	82.0	75.3	73.2	80.3	74.1	76.1	80.3	73.1	74.7	70.5	73.7	4.0
25	73.3	75.9	72.8	73.0	66.1	75.2	70.5	67.3	77.2	76.7	71.8	78.0	74.3	74.3	62.7	78.8	74.3	72.7	72.9	75.6	75.6	65.0	74.1	77.0	79.0	74.0	70.5	71.2	74.2	76.1	73.3	5.0
30	81.7	64.2	68.3	73.5	74.8	74.7	69.6	73.0	63.5	71.2	68.8	78.1	73.3	75.2	75.2	70.0	73.8	68.0	73.5	74.7	72.7	76.8	74.3	76.7	74.0	78.4	77.5	73.1	77.9	73.2	73.3	6.0
24	78.0	77.5	67.5	73.0	75.8	72.6	67.1	64.2	79.8	75.1	73.8	75.9	71.6	72.9	62.6	78.7	72.3	72.6	74.7	74.7	77.3	62.3	71.5	76.1	77.9	74.6	73.3	75.7	73.3	73.6	73.2	7.0
13	75.2	68.4	72.3	76.9	74.2	73.9	74.7	64.7	71.5	72.5	80.0	72.5	67.8	70.1	72.6	68.9	72.8	65.4	74.0	69.4	73.8	72.5	76.2	74.5	76.9	73.3	72.7	71.9	79.0	84.8	73.1	8.0
22	69.8	76.6	61.9	74.9	78.2	75.7	76.3	69.3	73.0	70.1	71.9	79.3	74.5	73.4	71.9	76.0	69.0	71.4	71.5	71.5	75.7	69.5	70.5	70.1	78.3	74.1	75.5	74.0	68.8	74.4	72.9	9.0
12	75.0	69.2	69.6	75.6	74.0	67.4	73.8	62.6	79.7	70.2	77.5	67.6	65.3	71.5	71.0	69.5	75.8	76.9	74.0	69.2	77.9	72.3	78.4	72.3	76.0	71.4	73.2	68.7	77.9	80.8	72.8	10.0
23	69.2	75.0	62.8	72.0	78.3	76.8	69.6	63.9	78.0	69.6	72.9	76.1	70.0	73.3	68.1	76.3	68.7	70.0	72.5	72.5	76.4	65.4	71.3	73.8	74.3	75.5	76.6	75.8	71.1	79.9	72.5	11.0
21	68.7	71.7	72.1	73.9	77.6	74.6	69.9	72.3	70.1	73.5	69.2	78.5	73.8	69.8	69.8	77.5	68.3	71.8	71.9	70.3	76.4	70.8	69.5	67.2	76.6	73.1	74.0	73.3	66.3	75.5	72.3	12.0
19	74.9	71.5	66.4	71.3	77.7	72.6	63.3	77.1	62.5	70.7	61.1	74.3	72.2	69.0	67.0	77.4	68.7	69.9	70.8	67.4	78.4	73.4	79.6	70.5	80.1	69.7	74.8	73.2	74.4	80.3	72.0	13.0
15	76.6	69.3	73.6	79.0	69.8	73.9	64.8	69.5	77.8	70.8	78.7	72.0	70.9	61.3	61.4	73.0	70.5	55.0	70.0	68.8	75.0	72.0	75.7	74.0	79.0	72.4	73.7	76.7	72.0	79.7	71.9	14.0
20	71.7	73.9	69.4	74.8	77.2	74.1	66.5	72.6	66.5	71.3	66.6	75.8	72.9	68.7	68.6	78.8	69.3	72.6	72.5	69.1	78.3	71.3	69.2	65.3	73.9	70.4	73.9	72.8	65.9	80.0	71.8	15.0
14	73.5	69.0	72.8	77.4	69.2	74.5	63.9	67.1	71.3	67.6	78.3	68.9	70.0	58.2	65.6	70.3	76.6	60.8	68.6	70.3	73.2	70.3	75.8	77.2	78.1	73.2	73.1	75.4	79.3	81.9	71.7	16.0
11	75.3	73.8	67.5	73.9	74.3	61.3	69.4	60.4	76.8	69.2	75.0	73.3	58.9	74.4	68.4	68.5	74.6	72.7	74.5	70.3	80.4	74.1	78.7	69.8	77.5	70.0	71.2	66.8	73.8	71.8	71.5	17.0
8	76.6	70.9	66.5	71.5	69.1	65.6	70.9	74.5	74.6	71.8	73.2	70.0	77.6	71.9	71.0	76.8	58.5	71.7	57.6	74.0	76.3	69.0	71.1	72.8	76.6	71.5	64.1	70.0	77.8	78.2	71.4	18.0
18	74.0	72.7	66.4	73.7	76.8	70.9	61.6	75.5	62.0	73.0	58.8	74.9	73.0	67.8	65.4	75.8	69.3	67.3	68.0	68.1	74.3	74.4	76.8	73.3	79.7	69.5	74.2	70.0	77.2	75.5	71.3	19.0
4	71.6	59.1	69.0	68.3	67.9	68.7	67.8	74.8	73.2	70.6	71.8	71.5	70.7	63.8	65.5	73.3	75.1	75.8	69.8	69.0	76.2	77.7	70.3	73.6	76.2	68.9	75.6	75.9	70.2	73.8	71.2	20.0
9	75.9	70.7	69.3	70.5	71.3	65.7	70.5	75.3	76.9	57.5	74.3	73.3	73.2	73.6	68.5	69.4	58.6	72.1	65.1	71.8	78.6	69.4	72.3	66.3	76.0	67.3	67.5	76.3	75.9	80.5	71.1	21.0
17	72.3	70.6	63.6	75.4	74.9	66.8	69.0	75.7	59.9	74.3	70.7	75.5	72.4	67.4	62.3	75.3	69.1	64.1	69.6	70.2	73.7	72.0	74.2	70.3	75.6	69.5	73.2	64.9	72.9	73.8	70.6	22.0
7	74.6	68.0	62.0	71.7	66.8	67.7	72.5	72.9	72.7	67.5	71.9	67.3	78.4	70.1	72.5	76.1	59.7	71.3	57.0	70.5	71.5	69.5	69.0	78.9	76.0	70.6	65.1	74.3	76.5	74.6	70.6	23.0
10	74.0	74.5	64.5	71.8	72.6	59.6	69.8	66.1	77.9	63.5	74.8	72.2	59.8	73.7	68.3	68.7	64.7	72.5	71.0	68.0	79.4	73.3	73.5	67.9	77.4	67.4	70.8	69.0	73.0	77.3	70.6	24.0
5	72.5	61.1	71.4	70.8	67.6	72.3	70.7	64.7	75.5	59.7	69.4	69.5	72.3	64.5	68.8	69.5	72.3	72.9	75.4	69.0	69.3	76.2	68.0	73.4	73.8	71.0	79.4	71.1	73.9	68.1	70.5	25.0
6	72.8	64.3	63.0	74.3	70.4	70.6	74.1	67.0	74.8	62.2	71.0	67.1	75.2	66.1	71.3	71.8	65.5	68.1	72.3	69.6	64.8	73.5	65.6	76.9	75.0	69.3	75.0	72.3	76.3	71.4	70.4	26.0
16	77.3	70.3	70.0	78.0	71.5	68.3	65.6	74.2	74.8	72.1	76.6	73.7	70.3	63.9	60.4	73.7	59.5	60.7	68.4	69.2	78.7	72.0	76.7	64.8	75.7	71.7	73.3	63.3	69.8	66.5	70.4	27.0
3	68.0	59.8	61.9	70.1	62.8	63.7	66.0	76.7	74.6	73.5	69.3	70.5	65.9	63.6	62.3	74.7	73.9	75.1	75.4	69.8	72.1	78.3	72.0	72.0	75.3	67.3	80.3	76.0	65.3	69.7	70.2	28.0
1	63.7	65.0	71.7	64.0	64.0	67.3	62.8	76.3	75.2	73.5	67.4	74.6	56.0	60.4	75.8	71.5	70.6	71.7	73.9	67.0	68.9	74.8	72.9	66.3	73.3	78.8	76.8	70.4	67.6	68.8	69.7	29.0
2	65.5	65.5	66.1	63.5	62.5	58.4	65.3	76.5	75.3	72.7	64.4	74.4	62.5	61.3	69.4	73.8	73.0	73.7	75.8	67.5	69.9	77.1	71.8	69.4	74.3	74.5	76.6	74.6	66.5	66.6	69.6	30.0
30	77.1	77.5	75.5	77.3	80.9	80.1	75.5	77.7	76.8	78.0	80.3	78.5	78.2	82.5	81.1	79.7	76.7	78.2	80.2	78.4	79.2	82.4	78.3	78.3	79.5	78.6	81.3	75.6	82.4	79.8	78.9	1.0
31	77.3	80.3	78.5	79.5	81.8	77.0	75.9	79.6	76.8	76.9	79.0	75.3	80.0	85.3	75.3	79.5	76.4	79.8	77.4	79.7	80.4	79.3	78.1	77.8	79.9	78.8	78.3	75.7	83.8	81.0	78.8	2.0
27	78.9	76.3	74.7	78.6	78.3	82.5	79.8	79.8	78.0	84.6	78.3	77.5	80.6	82.3	75.8	80.6	74.0	76.1	75.9	78.1	79.3	80.2	75.3	78.7	80.3	78.1	76.1	76.5	82.3	77.4	78.5	3.0
28	80.2	75.5	76.0	77.2	79.0	79.1	73.6	77.2	77.8	85.5	74.0	78.4	78.7	82.0	80.3	80.1	76.2	77.2	75.5	77.6	79.4	76.0	77.5	78.8	78.6	79.6	78.5	78.8	83.5	77.2	78.3	4.0
29	81.3	77.2	75.6	74.1	79.2	76.3	74.3	79.0	78.5	82.0	77.0	78.0	77.6	81.9	79.1	80.5	76.6	77.0	77.8	75.1	80.5	75.3	76.1	79.1	78.5	79.0	81.9	78.3	81.4	79.0	78.2	5.0
24	76.8	76.7	74.2	76.6	77.9	81.3	77.3	80.4	77.7	81.6	76.8	73.5	76.0	77.4	80.3	80.9	75.7	77.9	74.0	78.0	79.4	79.3	80.2	83.8	80.9	77.3	75.3	79.6	78.5	79.5	78.1	6.0
26	78.8	77.6	75.4	79.4	78.7	80.8	80.0	81.4	78.8	83.6	77.9	75.0	80.7	80.5	73.8	78.1	73.5	75.2	74.3	77.3	79.6	80.5	73.4	78.3	82.3	76.6	73.4	76.4	81.0	79.0	78.0	7.0
25	80.0	77.5	74.1	77.9	78.0	78.3	77.4	81.5	79.7	82.5	76.0	73.4	78.5	77.6	77.7	79.1	74.0	77.5	74.4	76.3	78.9	81.6	77.0	82.6	79.8	77.6	75.2	77.1	80.0	74.2	77.8	8.0
23	76.7	75.4	72.1	73.9	77.0	81.2	76.8	80.9	74.4	81.0	78.8	73.8	73.8	77.1	79.0	80.6	76.1	78.0	75.3	78.7	80.2	78.8	77.5	81.8	81.8	77.7	77.8	77.9	79.1	81.4	77.8	9.0

22	79.5	74.5	71.1	69.1	77.5	80.4	78.5	81.3	75.6	79.7	80.1	71.3	74.3	76.3	75.9	81.0	74.6	78.3	72.4	78.8	82.0	78.9	74.8	78.7	82.7	79.4	78.5	75.4	79.5	79.7	77.3	10.0
11	77.0	73.5	72.8	77.9	76.8	78.8	72.2	78.0	74.3	79.7	70.1	78.8	82.9	76.7	71.3	77.5	77.3	81.5	79.3	74.7	80.5	75.8	76.8	79.7	81.0	77.1	80.1	78.6	79.5	74.8	77.2	11.0
21	77.2	74.8	75.0	67.4	77.8	75.3	81.1	81.0	76.0	77.7	80.0	71.0	77.1	76.4	76.9	79.7	73.5	81.3	72.8	79.8	81.9	76.1	73.4	75.5	81.8	79.7	78.3	74.5	80.2	79.7	77.1	12.0
10	78.6	71.8	73.0	78.2	78.1	78.3	73.3	79.2	73.5	76.9	72.1	78.3	82.8	73.7	73.9	79.6	74.1	81.8	83.7	74.1	79.4	76.9	77.3	79.6	81.2	76.2	76.8	75.8	78.8	74.0	77.0	13.0
18	78.4	75.3	79.2	76.9	83.1	79.7	76.2	75.2	73.0	75.8	78.3	80.1	81.3	75.6	77.2	71.8	75.6	80.0	71.0	78.3	72.4	76.3	78.3	73.0	78.9	78.4	78.1	75.5	75.9	77.4	76.9	14.0
19	77.5	74.5	77.2	73.1	82.3	80.3	77.8	77.2	74.5	76.0	77.0	72.1	81.3	76.4	76.5	76.1	75.1	78.0	68.6	78.8	77.4	76.7	76.4	75.0	80.4	77.3	78.3	74.3	77.6	79.6	76.8	15.0
20	75.9	74.7	76.8	69.1	76.5	81.0	81.2	76.2	75.1	75.2	77.7	70.9	77.9	76.1	77.0	79.5	73.0	79.9	69.8	79.7	80.0	76.3	77.1	75.8	79.9	77.5	80.2	73.2	79.9	80.2	76.8	16.0
17	78.3	75.8	77.2	78.2	82.3	78.9	76.1	75.2	73.6	75.8	78.8	79.5	80.7	76.1	77.7	72.0	75.6	81.0	77.5	74.9	71.4	76.4	75.5	71.1	79.0	76.9	77.8	73.7	75.8	80.0	76.8	17.0
12	76.9	73.3	76.4	77.9	78.9	78.9	70.5	77.2	72.0	80.8	71.7	78.7	81.4	76.9	73.5	74.0	78.5	77.7	76.2	74.8	80.0	75.0	78.0	78.3	80.8	76.3	78.6	73.9	78.4	74.1	76.7	18.0
13	74.5	75.0	75.5	78.1	81.4	78.8	74.6	78.8	76.2	80.8	73.8	79.9	79.0	76.6	74.2	71.2	76.9	73.5	77.1	75.1	78.6	74.4	74.6	78.9	81.1	79.1	71.5	74.8	74.0	74.4	76.4	19.0
9	78.0	68.1	72.6	77.7	78.1	78.6	76.4	79.4	73.0	74.4	71.0	78.2	81.7	73.3	72.6	77.0	75.6	80.6	82.0	77.5	79.0	76.4	73.5	79.0	79.4	73.3	75.3	75.8	76.8	74.3	76.3	20.0
15	78.5	75.5	74.6	79.8	82.3	77.0	75.3	76.7	73.9	78.8	76.3	73.1	79.2	75.3	74.4	75.1	74.8	74.3	77.7	77.1	74.6	76.5	72.6	77.5	77.8	75.5	76.3	74.9	75.5	76.8	76.3	21.0
16	77.7	76.5	77.0	79.9	82.3	77.3	74.8	75.5	71.6	77.1	78.6	76.5	81.5	75.7	76.2	68.4	75.3	78.9	78.2	76.5	70.6	72.1	73.9	72.2	78.2	77.5	77.5	74.4	75.6	77.6	76.2	22.0
14	76.2	74.4	74.7	79.1	83.7	76.6	74.1	77.3	73.5	80.7	75.3	74.8	76.6	75.7	74.2	76.4	73.3	72.1	77.8	75.7	73.3	75.6	71.5	78.2	81.0	79.5	74.6	71.9	72.7	75.3	75.9	23.0
8	78.3	61.4	75.0	77.6	76.0	78.3	73.7	79.8	74.4	73.2	70.9	77.9	81.3	72.8	71.3	78.7	70.4	79.3	81.8	80.5	75.9	75.3	72.2	79.2	76.0	71.6	73.4	75.3	77.8	71.0	75.3	24.0
4	77.7	73.0	76.6	78.3	76.1	80.0	73.6	67.7	69.8	72.2	71.2	83.3	77.6	69.7	71.1	78.2	78.1	76.5	78.1	81.9	75.5	76.2	74.0	71.7	73.6	70.6	77.0	75.2	76.0	77.4	75.3	25.0
3	77.0	72.9	72.5	75.6	76.1	77.4	80.6	72.5	68.3	71.8	68.0	82.3	78.3	72.4	72.7	74.2	77.7	74.5	77.8	80.2	77.1	77.1	73.0	69.8	72.3	78.2	74.8	75.0	78.8	75.0	75.1	26.0
6	76.8	74.8	76.5	73.2	78.3	79.3	70.8	74.1	78.3	72.6	73.3	78.8	81.3	72.0	66.4	77.8	74.9	76.8	78.6	77.2	74.0	79.7	69.1	75.7	75.2	67.6	67.2	75.0	78.2	79.0	75.1	27.0
5	78.9	74.7	75.9	74.0	77.8	79.7	68.5	71.1	74.3	73.5	71.6	80.4	80.0	68.8	70.8	75.5	78.3	76.7	78.4	79.9	72.7	78.0	70.4	75.2	74.1	70.8	72.0	75.3	74.6	79.1	75.0	28.0
7	78.3	62.3	75.0	75.3	76.0	78.2	72.8	77.5	74.3	73.2	71.6	78.3	80.8	74.0	68.4	79.5	68.3	76.5	79.8	79.9	75.4	76.2	68.3	77.2	76.7	68.8	68.9	78.1	78.7	70.1	74.6	29.0
2	77.7	71.9	72.0	76.3	78.0	73.7	75.0	71.8	63.2	71.9	71.8	79.3	76.7	77.8	73.3	70.5	75.2	71.0	75.7	80.0	77.0	76.8	70.5	73.2	71.0	78.4	74.9	72.6	76.5	73.1	74.2	30.0
1	80.2	69.9	69.4	76.7	77.2	72.4	72.8	73.0	60.1	70.8	70.0	79.9	73.6	78.1	72.9	70.0	74.1	69.0	73.7	78.7	75.5	77.0	72.6	78.4	73.7	77.6	76.8	72.9	76.8	69.9	73.8	31.0
22	80.5	82.5	79.4	80.4	77.5	80.2	80.3	82.8	78.2	80.4	74.7	72.6	75.8	83.0	75.6	82.5	80.8	75.0	88.6	81.6	85.5	78.3	81.6	81.9	86.0	81.2	80.8	81.1	84.9	82.6	80.5	1.0
23	81.3	80.0	79.1	82.0	74.3	83.4	79.3	84.9	80.0	76.3	73.9	75.5	78.2	84.5	76.1	82.6	82.5	79.9	82.5	83.2	85.2	78.2	79.1	79.4	83.7	83.4	80.0	81.0	83.8	81.1	80.5	2.0
21	79.9	81.7	80.6	80.0	76.7	78.2	79.7	80.8	77.8	81.2	78.7	74.5	77.5	80.5	77.3	82.1	82.3	76.0	87.5	80.5	85.3	79.8	78.5	81.9	84.9	77.8	80.9	79.4	85.7	82.9	80.3	3.0
25	78.2	77.1	78.7	82.5	76.0	83.3	81.1	81.8	77.9	76.3	78.8	75.9	78.5	82.9	79.6	77.0	78.5	77.6	82.2	83.6	77.8	78.6	81.8	84.2	80.0	85.5	81.7	80.5	86.2	84.8	80.3	4.0
24	79.4	76.5	79.6	83.8	72.3	83.1	78.3	86.1	80.1	77.2	73.8	75.4	78.5	83.3	75.7	78.5	81.5	80.5	80.0	83.2	81.7	75.8	81.5	82.3	83.1	84.6	81.5	79.8	86.1	84.4	80.3	5.0
26	80.0	79.3	77.6	82.7	75.7	82.6	81.6	81.4	77.6	75.4	80.7	75.2	79.3	81.8	81.9	75.7	80.2	76.1	80.9	84.3	80.8	79.9	79.7	82.4	82.2	81.0	79.4	81.3	84.8	85.4	80.2	6.0
14	81.5	79.5	78.8	81.0	75.9	82.4	76.9	85.5	80.9	82.2	78.4	79.4	81.9	79.8	81.3	80.8	75.0	80.5	80.4	85.7	83.5	77.8	82.9	75.0	83.1	83.8	74.5	79.0	78.5	79.0	80.2	7.0
15	80.5	78.4	79.8	81.8	76.0	79.3	80.2	84.7	80.5	82.3	78.5	78.5	80.7	79.2	80.5	83.0	78.0	78.7	82.6	82.9	82.0	78.7	81.3	77.3	83.5	82.5	73.5	78.7	80.7	80.3	80.1	8.0
16	82.1	79.8	79.5	79.4	77.7	78.5	81.3	85.7	77.1	82.2	80.7	77.2	79.9	81.7	80.1	82.1	79.4	76.3	82.6	83.3	82.6	79.1	81.0	77.7	84.7	82.1	73.4	79.2	78.3	77.9	80.1	9.0
13	79.5	77.9	80.9	82.0	76.8	81.8	76.8	84.0	79.3	80.7	82.0	80.0	80.4	83.1	81.2	78.5	74.6	77.2	80.4	83.2	85.0	80.0	81.9	76.2	83.0	84.0	75.2	79.8	77.0	79.8	80.1	10.0
28	83.1	75.4	77.7	82.5	80.8	78.6	78.8	83.7	76.7	77.3	77.0	78.5	77.5	81.8	79.0	78.9	79.3	79.0	83.1	83.2	79.7	78.6	79.3	83.4	83.2	82.0	76.8	79.8	81.9	85.2	80.0	11.0
29	82.1	77.4	79.4	80.0	80.9	81.1	79.7	84.7	78.2	77.7	80.8	77.9	78.7	80.0	77.9	79.3	78.7	79.5	82.0	84.1	76.8	80.7	79.5	83.9	79.0	79.8	79.2	77.7	78.3	86.6	80.0	12.0
30	81.0	79.5	79.0	80.2	80.0	79.4	82.6	84.3	77.1	76.6	80.3	75.0	81.0	81.8	78.4	82.3	81.6	78.4	78.2	82.0	76.5	81.0	76.9	81.8	84.2	80.3	79.0	76.0	81.6	84.8	80.0	13.0
20	81.2	80.4	78.8	78.5	77.6	77.8	80.1	83.5	77.1	81.7	80.5	73.5	76.0	81.5	78.5	81.5	81.2	78.7	85.3	78.5	84.1	76.8	79.5	80.1	81.0	78.9	80.1	81.1	82.8	80.7	79.9	14.0
27	80.8	77.4	77.5	83.6	81.2	78.2	78.5	81.8	77.5	75.0	77.7	78.2	79.1	79.7	80.1	78.5	81.7	79.6	81.5	82.6	79.9	78.0	79.9	80.2	82.1	81.3	76.9	78.7	83.3	85.3	79.8	15.0
18	80.4	80.0	78.3	76.9	75.9	82.0	82.9	85.3	76.2	82.2	79.0	73.9	79.1	81.0	80.4	76.5	79.7	79.4	78.8	78.8	81.2	77.6	81.5	79.1	84.9	81.0	77.8	82.5	79.1	78.6	79.7	16.0
19	79.4	80.0	79.5	79.2	77.0	79.1	83.8	85.5	76.5	81.7	77.0	76.1	75.6	82.8	79.4	80.1	79.9	78.5	81.9	80.6	81.3	77.5	82.2	78.7	83.3	79.1	76.7	81.5	77.7	78.4	79.7	17.0
17	79.0	80.0	78.9	75.0	77.0	78.8	78.0	86.5	75.3	80.3	79.5	74.2	81.6	80.9	79.3	80.3	79.5	80.9	82.0	79.4	82.8	78.0	80.3	79.6	84.6	82.3	77.0	81.0	77.7	79.0	79.6	18.0
5	78.5	80.4	82.5	77.2	80.4	79.6	78.2	85.8	77.6	82.7	79.5	81.6	77.4	76.0	76.1	80.5	81.4	81.8	76.4	81.1	80.8	78.3	76.0	78.8	78.4	80.4	76.8	82.2	83.0	77.3	79.6	19.0
12	78.2	80.3	78.8	80.5	77.9	79.3	77.7	85.5	77.4	79.3	82.3	80.2	79.6	82.7	80.1	74.8	77.1	77.8	83.6	82.7	82.0	77.9	81.1	75.0	78.7	80.5	76.8	77.7	78.8	81.1	79.5	20.0
11	77.3	82.2	82.5	79.7	80.2	79.0	77.4	83.0	79.6	75.8	79.7	77.9	81.3	79.2	80.2	77.7	78.9	78.5	83.3	81.0	81.4	79.5	78.6	75.4	79.1	80.8	77.5	78.1	78.7	80.6	79.5	21.0
10	77.1	81.4	82.8	79.5	80.5	79.0	76.0	83.6	79.0	76.5	79.0	77.8	81.0	78.3	78.8	82.0	80.7	77.8	82.2	79.6	80.7	80.2	80.1	80.2	74.9	80.7	76.8	79.7	76.9	81.0	79.5	22.0
9	77.0	81.2	83.0	79.9	83.8	79.4	75.1	79.9	76.1	77.8	81.6	78.8	77.4	80.0	77.8	83.0	81.0	79.0	79.0	78.5	79.7	76.7	79.4	81.8	79.8	77.7	76.7	78.5	78.2	82.3	79.3	23.0
4	80.4	79.8	80.9	75.3	77.6	78.4	77.3	85.1	76.3	81.7	80.0	82.0	76.3	75.9	75.9	78.2	80.5	81.5	76.3	77.8	79.5	81.3	77.8	77.1	79.8	83.3	75.3	84.0	83.2	74.7	79.1	24.0
3	80.3	76.0	80.6	76.8	78.4	76.1	75.6	84.5	79.6	81.6	79.1	84.6	77.0	78.8	74.3	80.3	78.8	79.8	77.8	76.8	79.8	80.3	79.5	76.0	77.1	82.5	76.5	80.2	83.8	78.3	79.0	25.0

7	74.7	79.3	84.5	74.1	80.9	81.5	73.4	81.7	76.0	81.9	77.9	76.6	77.8	78.4	79.9	77.5	79.0	81.0	74.0	81.3	80.4	75.3	79.5	83.3	80.6	80.2	73.3	77.9	82.6	78.8	78.8	26.0
8	76.8	79.8	83.6	74.2	82.8	78.8	75.1	78.0	76.5	79.8	78.5	76.3	78.2	79.7	81.1	80.2	78.2	80.6	76.5	81.0	80.3	76.6	77.4	80.3	79.8	81.4	74.9	75.5	79.8	81.6	78.8	27.0
6	73.2	77.5	82.4	77.3	81.5	81.0	76.5	86.1	77.6	83.0	78.1	79.9	78.0	77.0	78.7	78.2	76.3	81.9	75.5	81.8	80.1	75.9	75.5	82.1	77.7	78.5	75.7	77.6	80.0	77.3	78.7	28.0
2	78.3	78.1	79.5	75.7	76.8	75.1	76.0	84.3	78.3	78.7	79.2	81.3	79.7	81.7	75.3	78.8	76.5	79.9	78.2	80.3	79.3	80.0	79.9	77.5	74.5	81.7	75.6	81.3	82.6	77.5	78.7	29.0
1	76.0	80.5	80.4	78.3	81.6	75.5	73.6	82.5	77.2	79.0	74.2	77.0	81.1	83.8	73.5	78.0	73.2	80.7	78.2	79.9	76.1	73.4	79.3	77.3	79.2	79.6	78.0	79.5	83.4	82.3	78.4	30.0
29	81.3	84.5	86.2	76.1	78.5	82.5	78.7	81.3	85.0	81.7	82.3	81.5	79.8	82.1	83.9	81.0	78.8	79.8	82.2	83.9	83.6	84.7	81.0	81.7	79.6	81.8	81.6	79.0	82.0	80.3	81.5	1.0
27	79.3	84.5	82.0	78.8	78.0	82.3	78.6	85.3	83.0	80.3	80.3	82.5	81.8	79.0	85.3	82.1	80.5	79.4	79.3	87.5	79.9	84.2	80.7	83.8	79.6	85.8	81.7	80.9	80.0	79.3	81.5	2.0
28	81.0	84.3	82.8	78.3	78.7	81.9	79.6	84.4	84.1	82.0	81.3	81.3	80.1	79.9	85.1	81.5	76.9	80.5	81.9	83.4	82.0	84.4	78.7	85.0	79.0	86.1	82.0	79.5	82.3	77.6	81.5	3.0
30	78.9	83.0	84.6	77.0	81.1	83.0	81.5	82.8	83.8	77.1	84.8	81.8	78.0	83.2	80.3	82.3	80.1	78.8	79.3	86.8	84.0	80.7	83.3	83.2	80.5	82.3	78.4	79.8	82.0	82.9	81.5	4.0
25	79.0	83.5	84.3	77.6	77.9	83.3	82.3	84.1	83.2	76.8	78.6	82.7	77.6	82.8	84.0	84.0	79.7	81.2	81.6	85.0	83.6	83.5	78.9	80.8	79.8	82.5	83.9	80.1	77.9	83.3	81.4	5.0
9	80.3	85.7	82.5	81.0	83.8	79.5	79.4	82.6	79.8	79.0	76.3	78.2	83.1	83.5	82.3	79.6	84.2	80.7	77.1	83.0	81.6	82.8	81.8	78.5	82.5	86.0	80.2	81.0	80.1	84.9	81.4	6.0
17	80.7	82.0	83.3	81.2	75.7	82.4	80.2	82.8	80.5	85.3	78.2	84.4	80.3	80.9	83.9	79.0	84.0	77.6	83.4	83.8	81.8	77.5	79.1	80.9	79.2	83.3	79.8	81.7	83.0	84.0	81.3	7.0
10	78.6	83.7	79.9	81.8	81.6	81.9	80.2	79.5	81.5	80.5	79.5	77.5	82.9	84.0	80.3	80.5	84.2	82.5	76.0	85.2	81.8	80.9	80.7	79.5	83.7	83.5	81.0	82.5	81.3	82.6	81.3	8.0
3	81.6	85.1	80.7	77.4	82.2	82.6	86.5	87.2	78.8	79.5	82.3	79.8	78.8	79.4	81.8	81.7	78.0	76.9	82.7	77.5	82.0	83.0	78.1	81.8	81.2	82.5	80.3	82.3	85.3	81.6	81.3	9.0
14	79.4	80.5	77.6	79.6	80.6	82.7	79.3	79.4	79.8	81.1	77.3	82.8	79.0	85.1	81.0	82.6	80.3	81.2	80.7	83.4	84.8	82.5	77.6	80.1	83.3	82.4	81.5	83.5	84.7	84.7	81.3	10.0
26	79.3	85.0	82.5	77.4	78.4	83.9	79.4	83.6	80.4	78.4	79.6	81.4	77.8	80.9	84.0	82.5	80.2	81.0	77.7	84.8	79.8	84.5	81.4	81.0	81.6	84.5	84.0	80.8	77.4	81.7	81.2	11.0
24	80.2	82.0	81.7	78.2	81.5	81.5	82.3	83.8	84.0	75.0	80.4	83.0	80.1	82.4	84.5	79.4	77.8	79.8	82.3	84.0	83.8	79.6	80.6	82.3	81.2	82.4	81.3	78.7	78.3	82.0	81.1	12.0
18	83.5	80.1	85.0	80.8	76.6	81.7	78.6	82.9	79.6	83.5	78.5	81.9	81.7	79.3	84.4	81.1	83.2	77.9	81.1	83.5	81.0	80.0	78.1	83.2	80.5	83.5	79.3	79.2	81.3	82.7	81.1	13.0
16	78.8	82.9	81.8	80.3	81.3	81.5	79.4	79.3	81.4	82.1	80.8	85.1	78.5	80.3	83.0	82.4	81.0	76.3	83.8	82.9	80.9	77.2	78.1	76.7	80.5	83.8	82.8	82.6	83.8	82.8	81.1	14.0
20	81.2	79.8	81.3	78.8	81.5	83.5	78.3	79.0	82.6	83.7	78.6	79.3	82.0	78.1	84.9	78.9	82.1	83.5	76.3	84.9	83.5	82.3	78.4	82.4	82.9	83.5	77.8	78.8	81.4	81.9	81.0	15.0
21	83.0	82.1	81.3	77.9	80.6	84.9	80.8	79.8	84.4	78.2	77.8	75.6	81.5	81.3	84.9	79.2	79.6	81.2	80.5	84.6	84.0	84.0	79.0	80.3	81.4	82.0	76.8	81.4	80.2	83.0	81.0	16.0
31	77.5	81.7	82.5	80.0	81.3	80.9	80.5	81.8	85.7	81.0	78.5	81.9	78.2	80.8	80.8	80.8	79.1	77.9	79.6	87.4	82.3	80.4	81.2	84.0	80.0	83.0	75.6	78.7	80.8	84.0	80.9	17.0
19	83.0	77.6	85.7	80.6	82.4	81.7	76.0	78.5	82.3	82.2	80.3	81.2	79.0	77.0	82.4	81.4	80.7	80.8	77.6	85.0	80.8	80.6	77.1	83.4	84.1	80.8	78.8	79.7	82.1	84.3	80.9	18.0
8	85.1	84.2	79.5	81.5	82.0	81.4	80.1	80.2	81.6	78.3	78.5	77.5	83.5	81.1	84.5	78.7	83.1	76.6	78.7	80.5	77.8	83.5	82.5	80.6	81.1	86.5	78.7	80.3	79.3	80.5	80.9	19.0
4	81.1	86.9	84.4	77.7	84.5	78.9	83.7	84.9	78.4	80.4	80.3	77.2	80.4	80.0	83.3	81.0	77.9	77.1	81.9	77.1	82.4	79.8	79.2	79.8	81.4	85.0	80.5	78.5	82.3	80.4	80.9	20.0
6	81.6	84.3	82.2	78.3	82.8	76.8	75.8	79.5	80.1	83.2	80.1	78.5	83.1	82.3	83.5	81.6	79.7	80.6	82.4	80.6	83.9	82.8	81.9	76.5	79.5	86.0	82.9	76.5	80.5	78.4	80.9	21.0
5	80.7	86.2	81.1	80.6	83.9	77.5	77.5	81.9	81.1	82.0	76.2	76.1	82.0	81.8	84.3	79.6	77.3	80.5	81.4	77.2	84.2	82.3	81.1	79.2	81.4	86.4	82.8	77.0	83.9	77.9	80.8	22.0
23	82.0	81.9	80.5	80.3	83.6	82.9	82.0	83.7	82.1	79.6	76.5	82.5	80.4	82.8	84.3	80.6	75.9	76.8	81.1	82.0	80.3	78.3	78.8	81.8	83.8	81.3	78.5	79.3	80.1	78.7	80.7	23.0
11	79.2	83.4	80.4	82.2	78.2	82.5	75.5	81.9	81.9	82.7	79.8	76.9	82.7	78.5	82.3	79.5	84.5	80.0	76.8	79.8	81.8	76.8	80.0	80.3	83.0	84.3	81.7	84.0	79.7	81.0	80.7	24.0
22	83.9	82.2	81.2	79.3	82.5	84.3	80.2	82.6	79.6	77.9	78.8	77.9	78.6	82.0	84.3	80.5	78.7	78.2	81.9	84.0	79.5	80.5	79.0	79.6	80.6	82.3	76.6	79.8	81.3	80.8	80.6	25.0
13	74.4	79.8	82.1	79.5	77.8	80.3	81.0	79.8	81.3	82.0	79.3	77.4	78.0	83.5	82.5	79.8	82.0	77.3	79.8	83.7	82.5	81.3	77.8	80.6	83.9	81.2	81.7	82.7	79.6	84.7	80.6	26.0
15	78.3	81.0	79.3	80.8	82.8	81.9	79.8	78.6	80.8	76.8	77.7	83.8	77.4	81.8	82.2	82.7	79.6	77.0	81.8	80.4	80.1	78.8	78.3	77.8	82.1	83.1	83.0	83.5	82.1	83.1	80.6	27.0
7	83.8	82.0	80.4	78.7	82.3	79.1	81.3	78.8	80.0	81.9	78.8	78.9	82.4	78.8	83.8	77.4	81.9	78.2	78.6	81.1	79.1	83.7	82.4	79.6	77.9	86.4	83.4	77.7	78.2	79.5	80.5	28.0
12	76.3	83.5	79.8	81.1	78.5	80.2	78.2	78.8	81.9	83.9	79.0	77.3	79.3	80.3	81.8	78.9	82.5	77.2	78.8	82.0	82.3	79.3	78.7	80.3	82.8	84.2	80.3	82.8	78.6	83.2	80.4	29.0
2	79.2	85.2	78.8	78.3	81.8	82.2	83.4	88.6	76.8	79.2	81.2	75.2	78.4	79.8	81.3	79.3	78.4	76.9	78.5	78.0	80.9	83.9	76.4	80.8	80.4	78.7	80.0	82.0	85.8	81.8	80.4	30.0
1	78.9	83.5	80.1	77.8	82.8	79.8	82.2	85.7	76.6	76.7	80.8	76.4	80.6	81.3	79.3	81.7	80.1	76.5	77.3	79.4	78.3	81.9	76.2	82.9	84.0	79.8	77.5	79.4	83.8	81.5	80.1	31.0
6	83.6	79.7	84.6	77.1	82.7	81.2	79.8	77.3	80.7	79.3	78.7	84.5	80.6	82.4	80.6	83.3	85.6	84.1	80.3	83.8	84.8	80.4	82.2	82.4	82.8	81.1	82.5	82.4	78.0	81.4	81.6	1.0
11	83.3	79.9	81.3	78.3	83.0	77.8	80.6	83.5	82.0	82.6	80.3	77.3	77.6	81.0	84.1	85.2	85.7	81.5	83.7	80.7	82.8	80.1	83.4	78.5	82.9	81.4	81.0	80.3	82.5	81.8	81.5	2.0
17	83.6	81.0	81.6	78.8	84.6	79.4	82.8	83.2	79.8	79.4	82.8	80.2	81.8	81.2	85.9	79.3	81.8	80.5	82.9	84.1	78.9	79.5	82.4	81.4	80.5	83.1	79.8	83.3	79.5	80.6	81.5	3.0
19	81.2	80.5	85.4	78.3	83.9	79.9	83.0	81.5	78.0	82.9	82.8	79.3	76.7	81.4	85.2	78.6	84.6	75.8	81.3	83.2	80.1	80.8	81.7	85.4	83.3	83.3	82.0	81.7	81.5	79.5	81.4	4.0
7	84.0	80.2	83.9	76.9	83.1	81.5	78.4	79.5	83.2	82.7	80.7	78.7	78.0	80.5	79.6	81.9	83.5	85.3	82.0	81.2	83.1	79.8	83.3	80.2	81.5	79.6	83.7	83.3	77.5	81.5	81.3	5.0
18	81.5	79.5	82.8	79.8	84.8	79.8	83.2	83.9	79.4	80.5	80.5	80.8	79.6	79.6	84.7	80.1	82.4	78.3	79.7	84.3	80.4	77.9	82.4	84.2	82.9	81.2	80.1	82.9	81.6	78.9	81.3	6.0
16	81.0	79.3	82.6	78.0	84.3	79.5	81.2	82.6	81.5	80.7	82.3	81.8	79.9	80.3	85.5	81.6	82.5	79.0	82.1	82.6	81.3	80.8	81.8	78.8	79.8	80.2	81.0	83.6	78.1	81.5	81.2	7.0
13	82.2	80.0	83.2	78.1	83.3	78.6	82.5	83.0	83.4	78.8	82.0	76.4	82.2	76.8	83.4	82.6	83.1	79.9	80.9	81.7	82.4	80.9	84.3	82.4	78.4	80.8	79.4	80.3	80.7	83.0	81.1	8.0
28	80.0	77.8	76.3	77.8	84.0	81.3	79.0	84.4	84.6	80.5	81.0	79.1	79.6	82.4	82.6	83.6	83.2	81.0	82.5	81.8	83.9	79.6	80.4	82.2	78.4	82.4	78.0	78.5	82.8	83.7	81.1	9.0
5	81.9	78.7	85.0	80.2	82.2	81.4	80.3	76.8	79.3	79.8	77.9	82.4	78.6	81.4	79.3	81.2	85.3	82.5	79.8	83.0	84.5	80.8	81.8	81.5	83.4	81.0	81.7	82.8	79.3	78.5	81.1	10.0
15	78.8	78.8	79.8	76.7	86.0	78.1	82.6	82.4	82.0	81.8	81.2	77.4	78.6	78.9	83.2	82.0	82.9	80.0	81.1	84.7	81.8	81.6	82.4	79.9	79.0	83.5	83.8	81.8	79.2	81.9	81.1	11.0

10	80.9	80.0	79.9	78.5	81.6	80.4	78.9	81.7	80.0	81.5	80.8	78.0	76.3	82.1	84.2	82.8	85.6	81.8	82.9	79.9	79.0	81.7	83.0	79.6	82.4	79.4	84.1	78.3	82.1	83.5	81.0	12.0
8	84.8	79.3	82.8	77.0	81.5	78.5	79.1	79.9	83.5	82.4	83.0	78.4	79.7	78.9	79.2	82.8	84.8	79.9	81.5	78.8	80.5	81.5	83.0	80.6	80.9	77.2	84.1	82.7	80.1	83.8	81.0	13.0
12	83.0	76.8	82.0	74.8	79.5	77.0	83.1	83.8	81.5	75.9	82.8	78.0	80.8	80.6	81.9	85.5	83.5	78.7	83.0	83.5	83.8	79.3	83.2	80.9	83.7	81.7	79.7	79.0	81.0	81.3	81.0	14.0
14	83.7	78.3	79.9	76.4	85.6	78.6	83.8	81.1	82.8	78.6	83.9	78.0	79.4	78.3	81.6	82.3	84.6	76.8	79.6	85.0	81.0	79.8	81.1	82.0	78.8	80.8	82.3	80.5	80.7	83.9	81.0	15.0
20	77.3	79.8	83.3	81.6	78.1	79.6	81.4	80.8	77.6	80.7	82.5	76.8	76.2	83.8	83.0	79.0	84.9	76.5	82.8	83.8	79.3	82.0	83.4	85.4	81.5	84.3	80.7	81.5	81.1	78.7	80.9	16.0
21	81.1	81.7	82.5	82.0	78.5	80.5	81.4	79.2	78.9	81.7	78.7	79.0	77.3	78.9	83.3	79.0	84.3	76.5	80.4	80.9	82.4	77.1	82.5	85.0	82.9	85.7	82.1	81.5	83.0	78.5	80.9	17.0
4	83.7	77.4	84.8	81.0	79.4	79.6	78.0	79.6	78.4	80.5	76.4	80.0	78.9	80.5	82.9	79.3	84.3	82.5	79.3	84.0	83.8	81.0	81.2	80.1	80.2	78.7	81.8	82.8	81.6	83.2	80.8	18.0
27	81.5	82.2	77.5	79.4	81.6	79.8	79.0	84.1	84.2	79.4	80.0	79.2	80.9	81.2	84.3	80.3	81.8	82.7	82.4	79.7	82.3	77.5	80.6	81.5	76.8	82.2	78.4	80.0	81.3	83.2	80.8	19.0
9	80.9	78.5	82.5	78.7	81.8	80.8	80.8	82.0	79.3	81.0	79.7	79.3	76.6	80.6	80.6	82.2	84.7	79.1	82.8	81.8	77.3	82.3	81.5	80.1	82.8	78.9	83.8	79.1	81.7	83.5	80.8	20.0
26	81.6	81.7	76.9	78.2	79.3	77.6	79.7	83.3	83.6	79.8	80.5	78.1	79.8	80.8	83.9	78.0	80.0	82.0	80.6	81.3	83.4	79.3	80.1	82.5	81.4	82.7	79.0	81.7	82.1	85.5	80.8	21.0
23	79.5	80.8	82.2	77.8	78.9	79.2	80.3	81.4	78.7	81.0	81.0	80.7	77.9	78.7	84.4	81.2	82.5	78.1	78.8	79.9	80.5	79.4	81.9	82.9	84.3	85.6	82.9	79.5	80.7	83.5	80.8	22.0
25	79.0	83.0	78.0	76.0	79.7	78.8	79.9	82.5	82.5	81.5	79.8	81.3	78.9	79.1	83.2	77.4	80.2	80.6	81.2	78.9	81.4	79.3	79.7	83.7	84.9	83.5	79.5	80.5	83.3	85.9	80.8	23.0
31	80.2	80.2	76.7	81.8	81.0	79.1	80.5	82.8	79.4	79.7	81.3	79.8	82.5	82.5	81.5	81.1	80.8	80.9	81.4	81.4	78.9	82.1	81.0	82.7	79.8	78.0	83.8	82.7	81.7	77.4	80.7	24.0
29	79.4	75.6	75.4	78.5	78.6	80.8	81.8	84.5	84.7	77.9	81.8	78.0	80.1	82.0	84.3	83.3	83.9	82.2	83.2	80.6	80.3	81.0	82.0	79.8	80.1	79.8	79.6	77.5	83.0	82.5	80.7	25.0
22	79.4	81.0	82.2	77.0	82.9	80.1	82.1	78.3	77.3	79.2	79.2	78.9	78.2	77.5	84.3	81.7	83.9	78.1	79.6	80.3	82.4	76.0	80.3	82.9	82.3	85.9	83.0	79.7	83.0	80.8	80.6	26.0
24	78.1	82.8	80.0	76.5	76.8	78.9	80.2	81.8	80.0	82.0	81.1	80.6	79.7	78.8	83.8	78.7	81.7	79.8	79.0	77.4	80.6	80.2	79.2	84.3	82.0	82.6	81.5	79.8	82.8	85.1	80.5	27.0
2	81.4	80.2	83.9	80.6	76.1	79.7	78.6	80.5	82.0	78.5	74.0	78.3	77.8	81.9	82.5	83.9	76.6	80.7	82.8	83.5	82.3	84.0	82.7	83.8	75.8	83.2	77.4	82.0	79.0	82.1	80.5	28.0
3	81.8	78.6	84.0	81.4	78.6	77.6	77.8	80.2	81.4	79.2	75.0	76.1	78.6	81.1	82.6	82.9	82.1	82.1	80.0	84.8	81.8	80.0	80.5	82.1	77.2	81.5	80.0	81.3	79.1	84.6	80.5	29.0
30	80.2	77.6	76.4	80.1	79.0	79.4	80.5	80.7	82.5	80.0	82.3	77.8	82.3	81.6	82.5	78.9	83.6	79.4	83.1	81.9	79.0	81.8	82.1	81.2	79.0	78.7	81.8	79.5	82.0	79.0	80.5	30.0
1	78.8	81.1	84.3	80.9	79.3	79.4	79.4	79.6	82.9	80.5	75.6	80.4	79.7	78.9	79.9	82.9	78.0	78.1	83.0	83.0	81.2	79.0	80.8	82.0	76.5	83.2	81.1	80.7	78.2	84.9	80.4	31.0
2	80.8	80.6	79.9	81.2	81.8	82.5	80.9	79.3	80.4	81.9	80.6	82.1	80.8	82.8	81.2	79.1	80.3	82.0	76.3	81.3	79.8	80.4	79.0	82.5	83.2	80.3	77.9	80.3	81.5	83.2	80.8	1.0
3	80.4	78.4	81.5	80.9	81.0	81.2	79.2	80.9	80.0	80.7	81.5	82.2	79.8	82.9	82.8	78.1	82.2	81.4	78.5	82.8	79.4	80.6	80.1	81.5	83.8	80.3	78.4	78.1	79.3	85.0	80.8	2.0
1	82.0	79.8	79.6	80.9	79.2	81.2	78.4	82.5	79.5	82.3	81.8	80.5	81.1	79.8	81.6	79.5	80.4	82.6	78.5	80.9	78.8	82.6	79.4	82.8	82.0	78.5	80.9	81.9	82.4	81.4	80.7	3.0
4	81.5	78.8	82.3	78.0	79.8	81.3	80.0	80.8	82.3	81.6	81.7	79.5	78.0	79.8	81.9	78.0	83.2	80.7	79.6	82.6	79.1	81.0	80.5	78.3	79.2	80.7	80.3	82.3	79.6	83.1	80.5	4.0
5	82.5	82.6	80.1	78.2	78.4	82.3	78.1	81.0	82.0	79.5	80.2	78.5	78.1	76.8	79.4	78.5	79.0	79.3	78.0	81.3	81.6	79.3	82.2	78.2	79.6	78.3	80.2	82.5	85.7	85.1	80.2	5.0
15	82.5	80.4	80.3	77.3	82.7	79.4	80.1	79.5	77.7	81.5	70.7	82.2	79.3	82.8	81.5	80.3	82.0	80.6	80.7	78.3	79.9	78.5	81.0	80.6	78.3	80.5	79.9	83.6	81.5	81.5	80.2	6.0
16	81.9	79.9	81.3	76.2	80.1	79.7	80.8	76.8	80.8	77.2	72.9	81.3	78.7	83.3	81.8	81.1	81.4	80.9	81.2	80.3	81.0	79.5	80.2	80.0	77.1	81.1	81.2	83.5	82.5	81.7	80.2	7.0
11	80.9	78.2	77.3	79.0	79.2	75.3	80.6	77.4	80.5	79.8	77.5	76.5	77.2	80.6	81.3	81.3	80.8	80.4	80.8	83.7	80.8	79.7	82.0	81.5	84.2	82.6	77.7	81.1	81.9	81.7	80.1	8.0
17	81.0	79.0	81.1	79.0	82.1	81.9	80.9	77.9	79.3	73.2	75.5	81.4	77.8	82.9	82.1	79.7	80.6	79.1	81.2	80.4	81.0	78.9	80.7	76.8	75.8	82.1	79.7	83.0	82.5	80.7	79.9	9.0
10	79.9	77.5	78.3	78.7	76.6	75.7	80.1	78.3	81.0	81.5	78.3	80.3	78.6	81.3	80.6	80.0	79.1	79.9	80.5	82.8	78.2	80.3	81.7	80.7	84.7	82.8	76.2	80.6	82.8	80.1	79.9	10.0
14	82.2	76.4	77.1	78.6	82.8	78.5	81.2	78.1	78.9	81.2	72.4	81.6	80.0	80.8	81.3	78.8	81.3	80.5	80.8	80.6	79.4	77.5	82.5	79.9	78.8	80.2	80.9	83.7	81.3	78.6	79.9	11.0
6	83.0	80.3	77.8	78.7	77.4	80.6	77.5	81.4	80.3	78.0	76.9	80.7	79.8	78.9	79.4	80.8	81.8	81.5	79.8	77.8	80.2	77.0	79.3	76.5	80.7	79.8	78.6	81.4	85.1	83.3	79.8	12.0
13	82.0	77.5	80.3	73.8	82.2	80.5	80.3	77.5	81.4	81.6	73.6	80.5	79.2	80.8	82.0	79.3	79.5	81.5	78.7	82.7	80.6	79.8	80.5	81.6	76.4	78.0	80.0	82.5	81.2	78.0	79.8	13.0
18	78.5	79.0	81.1	79.3	81.9	79.8	80.0	76.9	76.5	78.6	77.3	81.6	78.5	82.6	81.9	81.0	76.8	79.9	81.2	79.8	78.2	76.2	77.8	79.1	78.8	83.2	77.7	83.3	80.4	82.7	79.6	14.0
12	81.8	80.2	78.8	75.9	80.0	78.9	79.4	76.1	79.4	80.1	75.5	77.6	77.6	79.8	81.7	80.3	80.0	81.9	77.5	82.8	81.9	78.7	78.9	81.3	78.9	81.7	78.7	83.5	80.9	79.0	79.6	15.0
9	79.4	79.5	78.9	78.9	75.8	76.6	79.0	79.7	80.8	78.6	76.3	80.9	78.4	78.8	78.5	79.6	79.3	82.3	80.3	82.2	76.8	78.6	81.5	80.5	83.0	82.1	78.4	79.6	83.9	78.6	79.6	16.0
7	82.1	80.5	78.3	79.8	77.5	80.6	78.0	78.8	80.2	78.6	76.2	80.3	79.8	81.1	79.0	78.2	80.8	80.8	80.3	79.0	77.2	78.3	78.6	77.2	79.0	80.8	81.2	78.9	81.5	79.2	79.4	17.0
21	79.7	81.0	81.2	75.5	80.0	78.4	78.8	77.8	77.5	81.0	78.9	80.4	81.1	76.9	78.5	78.4	80.4	78.8	80.9	79.7	81.5	77.3	79.0	77.4	80.3	81.5	79.4	81.5	77.7	79.8	79.3	18.0
8	78.7	78.3	77.6	75.8	76.8	79.5	77.1	78.7	78.1	80.8	75.9	80.8	77.5	79.6	79.0	79.9	80.6	82.0	80.1	80.7	78.6	81.2	81.2	78.8	80.7	79.9	79.2	78.0	82.8	79.6	79.2	19.0
24	81.4	79.1	79.8	78.5	80.4	75.9	80.4	79.3	77.4	79.7	78.5	78.1	80.6	77.9	81.0	81.6	79.5	77.1	80.2	80.8	79.5	77.0	77.8	75.6	78.6	82.2	80.3	80.9	77.8	79.7	79.2	20.0
20	81.6	80.4	80.4	74.6	79.7	78.0	79.1	75.7	77.5	80.5	78.2	79.2	81.0	76.6	81.4	78.5	79.2	79.0	82.0	79.7	79.9	79.0	79.0	74.7	82.0	79.3	80.1	81.8	77.6	78.1	79.1	21.0
19	82.1	78.3	81.0	75.3	80.9	78.7	78.0	77.4	76.7	77.6	78.6	80.6	80.6	79.8	82.7	79.1	74.8	78.9	81.2	78.8	78.7	76.5	79.0	76.9	80.0	80.5	78.8	81.7	78.4	80.5	79.1	22.0
23	80.4	79.8	80.7	77.5	81.6	76.5	78.8	79.9	74.3	82.2	78.6	79.1	79.1	78.9	81.1	79.2	76.8	78.4	80.4	80.8	79.7	80.5	76.7	75.8	79.5	82.1	78.5	80.3	76.6	76.7	79.0	23.0
25	79.0	79.3	77.5	75.3	80.3	76.2	80.7	81.0	76.2	81.2	77.9	79.0	77.5	77.9	80.3	82.0	79.9	73.8	81.4	79.3	79.8	76.3	76.8	76.3	78.9	81.5	80.8	82.2	79.1	81.4	79.0	24.0
27	75.3	80.2	78.0	74.4	81.2	78.3	75.9	81.6	79.3	79.8	74.9	81.8	75.8	80.6	78.8	78.0	79.6	76.8	78.5	81.1	79.8	80.7	75.8	77.6	80.9	77.5	81.8	82.5	80.5	81.4	78.9	25.0
22	77.5	82.3	80.4	75.1	82.2	74.8	79.1	78.0	74.7	80.8	77.3	80.1	81.0	79.5	79.9	79.9	78.1	78.7	81.4	79.9	78.5	78.3	78.4	76.3	79.5	81.3	78.5	80.5	77.8	76.9	78.9	26.0
26	76.8	79.0	78.3	73.2	82.0	77.5	77.7	81.2	76.4	81.5	76.3	82.0	75.4	76.8	80.7	79.4	77.3	75.3	81.3	80.4	78.4	79.1	80.7	76.0	79.6	76.9	81.4	82.7	79.3	82.1	78.8	27.0

28	76.8	77.3	78.3	76.1	76.5	79.1	79.9	80.2	80.9	76.8	75.4	80.7	78.1	80.6	76.7	74.8	80.2	77.7	79.4	76.3	81.3	78.9	77.0	80.4	80.8	78.5	81.4	83.4	81.5	77.9	78.8	28.0
29	75.7	76.5	74.8	77.2	79.1	78.0	78.0	80.5	80.8	76.8	71.9	80.3	74.7	79.9	79.0	75.7	78.1	78.6	80.3	76.0	79.6	79.7	77.9	77.5	78.1	78.3	79.5	82.6	81.2	77.0	78.1	29.0
30	75.7	75.3	72.5	77.6	80.5	78.5	78.9	79.4	79.8	76.8	71.6	80.1	76.1	81.2	80.4	77.5	77.8	74.7	73.1	76.4	80.3	79.9	78.0	75.6	82.2	78.4	78.5	82.3	81.5	70.6	77.7	30.0
4	78.3	77.3	76.8	77.2	83.1	74.0	77.4	79.5	76.9	78.0	74.6	78.3	76.8	79.1	76.2	77.3	80.6	76.0	78.9	71.8	73.4	79.8	79.8	77.3	71.2	78.7	76.2	79.0	81.2	74.4	77.3	1.0
3	76.8	75.5	75.6	80.8	80.8	75.0	76.3	81.0	77.9	75.0	71.9	78.3	75.2	79.8	79.5	77.8	81.0	74.5	77.0	74.3	72.6	77.8	78.7	80.1	76.5	79.4	77.5	79.3	79.8	73.3	77.3	2.0
2	77.3	71.0	75.8	77.7	81.0	77.5	75.8	80.3	79.3	75.4	69.0	79.7	73.5	80.0	79.9	78.6	78.7	74.7	77.1	76.4	70.7	78.0	78.5	79.8	81.0	79.2	77.5	80.1	80.6	74.4	77.3	3.0
1	74.3	74.6	72.5	75.0	79.8	77.6	79.3	81.3	78.8	75.8	67.5	80.6	74.1	80.6	80.9	78.2	76.7	77.4	72.8	75.3	74.5	79.4	79.0	77.0	82.5	78.9	77.1	80.1	80.6	74.4	77.2	4.0
8	71.4	78.7	75.1	75.6	77.1	74.4	77.8	80.6	75.6	74.8	76.2	78.9	76.5	75.2	78.3	73.8	79.8	77.4	82.7	70.9	69.2	77.9	79.1	78.5	77.3	80.5	81.0	78.0	78.3	81.9	77.1	5.0
7	69.1	75.0	76.3	77.3	78.4	75.8	75.4	80.6	74.2	77.9	76.5	79.1	76.5	76.5	77.6	76.7	78.3	76.3	83.2	68.9	73.9	78.0	76.8	75.7	75.3	76.6	81.2	79.5	79.3	82.0	76.9	6.0
6	76.2	66.3	73.3	75.3	77.2	73.1	75.9	80.7	76.0	80.3	79.0	78.5	77.7	77.3	77.5	75.8	80.7	77.7	81.6	69.4	74.7	78.5	78.9	71.0	74.1	77.8	78.0	79.8	80.0	81.5	76.8	7.0
9	74.3	78.7	73.6	77.3	80.3	72.0	77.8	80.2	77.8	61.9	74.2	79.4	76.9	76.5	80.0	70.9	78.8	77.3	82.7	72.4	72.6	76.8	74.6	78.1	79.2	77.7	81.0	80.1	76.6	79.9	76.7	8.0
10	76.0	77.9	75.6	76.9	77.7	69.4	77.0	80.1	77.0	63.5	74.5	79.7	75.9	77.3	80.7	72.5	78.5	77.3	81.5	73.0	74.8	75.7	74.9	78.9	78.1	72.3	81.0	81.7	77.8	81.3	76.6	9.0
5	78.5	66.0	76.3	73.6	78.4	74.7	75.9	80.2	73.9	79.6	76.4	78.8	77.0	79.0	77.5	76.0	79.5	76.8	78.9	71.6	74.4	77.9	79.5	68.9	73.5	80.4	74.4	80.3	80.7	78.2	76.6	10.0
11	75.1	73.5	75.3	75.6	79.3	68.3	75.2	79.3	76.8	69.8	75.0	81.3	77.7	73.6	78.6	72.5	78.5	78.2	80.8	74.0	77.5	74.5	75.2	78.5	77.3	73.3	79.3	81.1	78.1	80.1	76.4	11.0
12	72.7	69.8	72.8	75.5	80.3	70.8	75.2	78.9	78.5	70.9	75.4	80.5	78.6	75.0	78.3	74.9	75.8	78.4	82.0	75.3	77.9	74.7	75.8	78.2	73.0	75.2	77.5	79.7	77.3	79.4	76.3	12.0
13	73.2	68.1	70.2	76.3	80.2	71.8	76.3	78.2	78.3	71.0	76.4	77.4	80.3	76.5	77.3	76.9	75.7	77.0	81.0	75.1	77.0	75.8	76.0	78.3	73.5	75.8	78.4	76.8	77.7	78.6	76.2	13.0
14	74.8	71.8	72.3	75.4	78.0	72.4	76.5	76.4	76.9	71.5	77.4	76.8	78.7	73.0	75.7	71.8	74.3	77.0	81.2	75.0	75.2	78.3	75.9	78.3	77.7	77.2	78.7	78.6	78.8	79.0	76.1	14.0
15	72.8	73.9	74.2	70.5	72.6	72.4	75.2	75.8	75.1	70.2	75.6	75.3	70.5	69.1	74.1	69.8	76.4	75.6	78.8	70.8	72.8	77.3	73.5	75.3	76.8	78.0	79.8	81.0	78.4	79.3	74.7	15.0
20	72.8	67.5	76.7	73.8	75.8	60.8	66.5	75.5	78.6	73.0	76.2	75.3	74.1	77.0	79.2	80.6	74.9	70.9	69.0	74.8	60.7	74.8	78.9	74.6	73.1	74.4	76.4	79.3	81.2	78.6	74.2	16.0
16	68.5	74.7	73.5	71.6	71.0	74.5	74.5	77.6	74.2	68.3	74.8	71.1	70.0	65.5	72.8	72.3	77.0	75.0	78.1	70.1	75.0	75.9	77.5	70.3	73.1	77.2	79.0	81.0	80.1	80.1	74.1	17.0
21	75.3	70.3	78.8	74.7	68.7	64.6	66.3	77.4	71.9	71.6	74.2	78.7	74.2	76.2	76.8	80.2	77.3	70.6	71.4	73.0	60.5	70.5	79.8	75.7	74.1	75.8	76.3	74.5	80.0	77.5	73.9	18.0
22	76.9	70.4	76.0	75.5	67.6	68.9	66.5	72.2	67.5	71.8	75.3	77.7	74.0	73.6	76.5	80.8	79.8	72.2	73.2	73.3	63.7	73.0	80.0	74.4	75.3	67.0	78.5	73.0	82.1	76.4	73.8	19.0
17	65.8	74.3	75.3	72.5	74.2	75.6	73.0	76.3	76.0	68.5	64.8	68.5	74.0	69.9	73.3	74.7	78.5	74.2	65.5	71.5	76.1	73.5	77.5	70.8	74.4	76.8	74.7	81.0	78.7	77.4	73.6	20.0
19	71.0	65.9	76.0	72.2	76.8	65.6	65.9	77.5	76.2	70.9	73.9	71.1	72.8	78.0	76.0	81.8	78.4	68.3	61.3	72.3	73.4	77.3	79.4	71.7	71.4	75.1	75.8	77.3	78.3	75.3	73.6	21.0
18	69.4	73.4	74.2	70.9	74.4	75.0	70.6	77.0	75.5	70.3	68.3	68.4	73.6	74.5	74.0	79.1	77.3	74.7	56.6	69.5	74.3	77.1	78.4	71.2	73.4	76.7	73.8	80.0	75.2	75.5	73.4	22.0
23	76.5	67.3	75.0	76.4	73.0	72.3	66.9	67.9	66.4	72.6	75.3	77.1	74.1	72.8	77.4	73.0	79.7	75.2	76.1	73.4	67.8	74.2	75.0	71.0	75.9	65.6	77.4	74.3	77.2	75.3	73.4	23.0
26	75.7	70.5	70.5	70.4	75.5	76.2	78.0	72.8	67.5	71.8	68.5	77.0	76.1	72.8	57.0	67.9	71.3	67.9	76.6	79.8	71.7	76.0	67.2	69.4	75.8	73.2	61.5	75.7	79.4	78.2	72.4	24.0
25	76.8	70.0	74.0	73.5	76.8	74.2	76.8	71.6	64.5	71.2	77.5	76.3	74.8	73.6	56.3	61.6	68.4	75.8	72.9	78.1	68.6	76.1	68.7	70.8	76.3	69.9	64.5	73.8	78.7	78.4	72.4	25.0
27	74.9	72.7	71.1	68.2	77.5	76.6	69.8	72.2	67.9	69.6	58.2	77.9	75.6	72.2	62.4	74.1	74.1	66.7	79.2	79.5	72.5	70.3	66.9	70.7	75.1	74.6	65.6	69.3	81.0	79.8	72.2	26.0
24	74.7	69.0	74.1	75.7	76.0	74.0	71.2	68.4	61.1	72.4	77.5	75.1	72.1	71.0	65.0	57.9	75.6	73.8	76.3	75.9	67.1	76.5	66.6	70.3	74.2	67.9	73.7	74.4	79.6	76.5	72.1	27.0
28	74.9	73.3	70.3	68.2	76.5	76.0	58.3	71.4	69.2	68.5	59.4	78.6	75.3	72.7	65.7	70.8	76.1	54.8	79.5	80.1	70.9	67.1	69.5	72.9	76.0	74.6	69.6	64.7	81.8	79.9	71.6	28.0
31	66.7	74.4	56.0	76.3	74.6	73.8	71.3	70.4	74.8	69.6	69.4	72.5	74.3	74.3	68.8	73.4	76.5	66.8	77.1	71.4	69.2	59.3	75.8	71.6	77.9	72.7	61.0	71.4	81.4	72.7	71.5	29.0
30	70.5	73.8	76.2	74.2	69.3	75.2	69.3	69.3	73.2	69.8	68.1	76.7	71.0	74.8	64.5	70.0	75.1	59.7	77.5	71.8	66.7	57.1	74.1	73.7	74.5	75.1	56.0	71.8	81.8	73.0	71.1	30.0
29	72.8	73.3	72.3	73.6	66.2	74.2	64.5	69.8	72.8	69.5	64.8	78.7	68.9	74.5	63.9	65.9	73.9	53.5	79.9	76.0	71.2	58.9	72.4	73.5	75.5	75.0	63.9	67.9	82.0	80.6	71.0	31.0
1	70.0	74.0	47.3	74.0	77.1	74.5	76.4	71.9	75.1	67.3	72.9	71.3	74.1	76.1	68.4	72.4	75.8	68.0	77.1	72.4	67.1	67.0	77.3	58.8	77.2	73.3	67.9	73.3	74.4	76.8	71.6	1.0
2	73.4	76.2	59.2	66.1	78.5	73.9	72.0	72.7	70.9	67.4	73.1	68.6	74.8	75.6	69.1	71.9	72.2	66.4	73.3	72.3	67.3	65.4	69.0	54.8	80.0	74.3	70.8	72.6	75.3	66.4	70.8	2.0
4	57.5	78.3	70.1	71.7	69.8	70.2	62.1	69.7	60.5	68.8	71.7	72.5	78.1	77.0	69.3	68.9	65.4	65.8	73.5	70.6	64.1	68.5	70.1	68.3	78.3	73.0	71.9	71.8	75.8	69.1	70.1	3.0
6	65.8	69.6	72.5	73.3	71.4	74.1	68.8	59.2	68.4	71.5	64.8	73.6	75.0	68.0	72.3	70.3	66.0	66.0	67.5	53.5	66.3	66.8	73.8	73.0	77.4	69.1	74.1	76.4	77.8	73.9	70.0	4.0
5	55.8	78.1	71.9	73.0	68.2	73.3	64.7	65.5	66.1	69.5	68.5	74.8	75.9	69.5	70.7	70.3	65.3	64.2	70.3	58.7	61.5	69.3	73.9	71.0	78.8	71.8	73.0	74.5	77.7	72.8	70.0	5.0
3	68.0	77.1	66.4	69.5	77.2	62.0	63.4	71.3	56.5	67.8	74.1	68.6	77.7	75.0	69.1	68.2	66.5	70.5	69.7	73.8	69.3	68.2	66.7	61.3	80.1	72.8	71.8	64.9	72.7	65.5	69.5	6.0
7	66.5	59.1	60.3	73.3	74.5	76.2	63.7	63.6	67.8	72.3	64.0	60.1	76.0	67.0	72.9	70.0	61.8	69.1	70.0	56.6	68.8	59.7	73.2	68.5	77.9	71.2	73.2	75.7	78.7	75.9	68.9	7.0
11	56.8	74.0	63.5	71.5	72.9	57.5	66.5	73.9	69.5	64.3	64.3	76.4	72.2	69.7	68.3	68.5	64.8	67.0	73.1	67.5	56.9	68.9	72.3	68.8	74.0	65.6	70.0	73.0	71.5	77.4	68.7	8.0
8	63.6	62.2	66.2	75.0	67.0	71.7	55.9	67.1	68.5	73.8	65.2	65.9	75.8	65.6	73.2	67.2	61.0	69.3	72.8	59.1	68.9	57.0	69.6	66.5	78.1	70.4	73.0	78.0	74.3	75.8	68.6	9.0
12	59.6	76.0	67.2	69.8	55.4	58.9	69.3	72.4	69.5	64.6	66.1	76.4	72.4	71.6	67.9	65.4	66.8	73.5	59.7	66.1	60.5	70.0	71.0	68.0	73.5	66.6	72.8	75.9	73.7	76.1	68.6	10.0
13	59.2	71.8	71.6	73.2	61.7	64.2	72.3	72.1	70.4	66.3	66.0	64.2	71.5	72.0	69.3	61.9	68.2	76.4	62.6	65.0	65.0	70.0	62.2	68.6	72.9	68.2	72.1	75.8	64.1	73.4	68.4	11.0
14	65.0	60.5	74.3	72.6	60.2	66.0	72.5	71.6	69.5	68.5	66.5	63.0	63.1	72.2	71.3	63.9	68.6	76.7	66.2	64.5	69.3	68.4	64.3	63.9	68.2	67.2	69.0	76.9	71.0	73.0	68.3	12.0
10	50.7	73.1	63.7	75.1	66.9	56.3	59.8	72.3	69.5	73.2	64.4	74.7	72.6	71.0	70.4	66.3	61.9	63.3	76.0	64.9	67.8	63.2	72.0	66.3	76.5	68.5	68.2	73.9	67.9	77.0	68.2	13.0

9	51.4	71.7	71.8	75.5	58.0	57.3	56.3	67.8	68.9	72.3	65.5	71.0	72.9	67.0	72.0	64.0	61.5	63.3	76.1	61.8	69.1	58.8	71.2	63.2	80.0	69.6	73.3	77.3	68.9	76.4	67.8	14.0
15	69.3	60.0	74.1	73.5	50.7	68.0	64.6	71.3	67.3	58.0	67.3	69.1	66.4	70.4	72.1	71.0	67.4	73.8	66.1	65.4	75.1	64.0	69.0	62.7	70.5	64.4	65.9	67.6	69.8	75.8	67.7	15.0
25	49.4	78.0	69.0	64.3	59.4	71.3	61.9	71.3	70.4	74.0	71.3	64.1	67.7	69.2	65.8	66.3	72.2	61.7	66.1	69.8	66.7	57.3	67.9	72.4	68.3	71.2	60.7	69.5	57.2	72.0	66.9	16.0
21	73.2	74.0	66.8	72.8	65.3	70.8	70.5	73.3	68.3	52.2	65.8	69.2	64.0	70.2	70.2	49.8	67.8	56.7	69.5	67.3	71.9	61.9	73.0	63.8	73.2	55.7	67.1	65.5	64.5	69.0	66.8	17.0
24	60.2	77.1	64.8	59.7	64.9	66.5	61.1	72.1	70.0	64.9	70.6	58.5	69.4	74.2	63.7	61.1	66.9	61.3	71.7	68.5	66.2	59.0	66.1	77.8	62.7	69.3	63.3	72.4	66.8	67.8	66.6	18.0
19	72.6	70.5	73.2	66.8	64.6	68.3	63.7	75.2	67.6	71.0	67.0	59.8	69.1	67.6	69.4	57.6	67.8	50.0	69.7	64.3	71.4	57.3	72.6	49.7	75.7	68.2	66.2	70.9	61.6	67.1	66.5	19.0
20	72.3	73.8	65.4	72.0	65.0	68.4	67.1	74.8	68.2	55.6	67.8	67.1	62.3	69.6	72.1	52.5	68.3	53.9	69.3	67.6	72.0	62.4	72.5	55.0	75.1	58.8	63.4	70.3	61.2	68.5	66.4	20.0
16	68.3	61.5	73.7	74.3	55.3	68.8	60.5	73.9	63.4	63.7	67.6	68.3	68.3	67.6	72.5	70.5	53.4	55.0	67.8	70.2	76.4	62.4	71.0	69.1	73.0	64.8	65.0	55.6	57.2	73.1	66.4	21.0
22	74.4	75.6	67.2	71.6	56.2	65.2	72.0	72.8	68.3	50.5	67.8	65.0	66.8	71.0	58.5	51.1	68.3	53.9	72.4	68.5	73.1	59.0	73.9	69.0	68.4	59.9	69.0	63.3	67.8	70.2	66.4	22.0
26	52.7	76.8	72.2	65.9	57.3	65.2	64.6	71.1	71.2	64.4	70.0	63.0	69.9	58.2	65.1	67.8	74.0	54.5	61.8	71.6	69.1	61.6	74.5	60.0	70.4	67.8	63.2	71.0	60.3	71.3	66.2	23.0
23	71.7	75.7	67.0	67.1	60.0	61.1	70.8	73.3	69.7	54.2	69.0	51.6	67.3	71.2	52.9	55.5	66.5	57.0	72.1	70.0	70.4	57.4	73.9	75.8	57.6	67.4	70.8	69.4	67.9	69.0	66.1	24.0
18	70.0	68.7	75.0	65.0	64.6	68.1	61.1	73.0	64.6	66.6	69.2	52.8	74.4	65.8	64.0	56.1	64.8	55.6	69.2	66.9	66.9	64.4	75.7	53.0	76.7	67.8	66.7	68.4	62.4	64.2	66.1	25.0
17	71.5	65.0	72.8	65.1	59.8	68.0	54.7	73.1	62.6	71.9	69.4	59.0	71.1	66.0	65.8	58.2	59.3	54.2	68.9	70.9	73.5	67.3	76.1	71.5	75.7	64.8	64.8	61.2	52.3	65.7	66.0	26.0
30	75.1	53.0	60.3	72.2	63.3	69.0	68.8	70.7	58.9	58.9	68.5	56.5	55.6	68.1	62.5	74.3	69.0	64.5	64.0	73.0	56.5	65.0	65.6	65.0	71.0	72.6	70.1	63.5	68.6	66.7	65.7	27.0
27	62.5	66.2	73.3	69.9	64.4	58.6	64.4	65.2	65.1	58.3	68.9	62.2	70.9	67.6	69.0	68.8	72.8	53.7	54.0	66.2	70.0	67.3	64.1	57.4	69.5	66.3	63.8	56.3	64.8	71.6	65.1	28.0
29	71.2	51.0	55.0	75.9	72.7	63.8	70.6	66.8	65.6	61.0	69.6	51.2	49.8	64.1	69.1	71.3	72.7	62.4	60.2	71.4	61.0	63.3	60.3	58.7	68.2	73.6	72.2	52.6	67.3	71.0	64.8	29.0
28	68.0	55.0	60.8	73.8	70.8	61.5	68.5	63.5	63.9	58.5	68.2	59.7	70.5	67.1	71.6	72.0	70.6	59.1	55.4	65.4	68.1	62.3	51.6	52.2	69.6	68.5	69.9	48.5	69.5	71.5	64.5	30.0
9	69.3	59.9	61.2	70.0	69.2	52.8	69.9	71.0	65.0	67.2	72.5	63.6	62.7	72.6	68.6	56.2	69.8	68.6	76.1	51.2	67.6	72.6	72.5	56.6	67.3	56.1	58.0	67.9	69.3	49.9	65.2	1.0
10	68.8	64.4	65.1	73.4	54.2	53.9	71.6	71.0	66.5	69.2	73.4	68.5	64.5	71.0	62.3	61.8	69.9	72.5	66.5	55.3	68.3	73.0	73.2	53.5	68.3	59.9	49.8	54.1	73.3	54.1	65.0	2.0
1	75.0	53.5	66.1	66.8	63.9	70.0	60.5	69.2	50.8	60.5	68.7	59.5	59.7	72.0	56.2	74.0	68.4	61.0	66.7	62.0	56.3	66.0	66.5	69.0	71.7	72.6	68.8	72.0	71.7	49.5	64.9	3.0
5	55.0	61.3	63.7	72.6	66.5	63.4	58.8	71.6	65.1	55.0	70.0	71.5	66.8	62.6	68.4	60.3	59.2	63.5	57.3	59.6	67.5	67.7	72.0	70.3	70.8	74.4	70.8	54.4	58.3	64.9	64.8	4.0
3	76.5	54.4	68.6	72.8	69.3	60.3	69.7	70.7	59.3	57.0	70.1	55.9	62.8	60.6	58.2	72.5	71.4	53.3	71.2	52.0	65.3	69.7	66.2	69.2	67.5	65.5	68.4	74.9	50.9	58.3	64.7	5.0
2	77.0	55.5	65.5	70.3	65.3	62.9	63.8	71.1	51.9	63.5	70.0	55.0	60.8	66.8	56.4	74.3	70.4	54.2	74.1	50.3	61.4	68.5	65.6	69.9	73.5	64.4	70.0	76.6	62.8	48.0	64.7	6.0
4	52.1	61.0	69.8	74.7	66.0	59.0	68.7	72.3	66.0	52.3	70.3	66.8	68.5	57.1	62.5	64.3	60.2	62.2	58.3	55.2	67.0	66.8	70.4	70.3	68.7	70.0	68.5	68.4	55.8	66.0	64.6	7.0
14	72.8	59.4	61.8	57.9	67.9	60.8	57.0	60.6	67.2	72.8	74.0	55.9	65.1	54.0	58.5	68.5	72.4	66.5	71.2	37.7	66.0	62.1	72.0	56.3	73.4	71.0	56.5	71.3	69.7	69.3	64.3	8.0
8	68.6	62.7	59.7	67.9	68.3	60.8	55.5	71.5	65.0	65.0	73.0	64.0	57.8	71.7	65.5	53.0	69.2	58.7	72.3	46.5	54.8	69.8	73.2	61.8	63.2	63.9	71.4	67.1	68.5	48.9	64.0	9.0
13	71.4	53.3	54.5	58.5	63.8	65.9	63.4	72.7	70.5	71.4	71.0	66.8	65.5	60.1	54.4	68.4	70.7	55.0	72.5	41.9	66.8	61.7	61.7	55.3	71.0	71.3	53.0	64.5	70.8	67.1	63.8	10.0
6	63.0	60.0	59.7	69.8	68.3	66.8	50.3	70.2	66.0	55.5	71.7	56.2	51.6	69.1	63.4	63.5	61.5	65.9	56.4	45.5	67.7	69.0	74.2	72.6	69.8	75.1	71.3	54.9	63.3	60.1	63.7	11.0
24	66.7	67.8	48.4	54.5	42.2	64.8	72.7	70.7	54.0	57.9	65.9	70.0	63.0	58.3	60.4	72.5	65.3	68.6	65.8	51.6	69.2	60.1	64.5	75.9	75.0	70.0	69.0	57.4	60.6	67.7	63.7	12.0
7	66.0	66.9	60.5	68.1	67.8	64.3	47.6	70.0	60.3	59.3	71.2	58.0	51.3	71.2	65.8	64.3	65.0	57.1	69.9	42.6	65.4	67.6	72.9	66.2	63.3	68.8	66.2	61.4	64.8	57.3	63.4	13.0
17	57.0	68.8	56.7	64.8	68.9	63.5	55.2	55.5	61.0	64.3	70.4	56.5	58.2	60.5	64.0	69.7	46.7	67.8	67.3	59.3	67.0	70.5	58.4	63.3	74.6	71.0	65.1	56.3	74.3	60.0	63.2	14.0
23	63.7	70.6	50.4	55.5	48.3	61.5	71.1	69.9	61.6	55.8	64.8	59.8	62.6	67.3	54.9	72.5	67.5	59.8	59.4	56.0	71.1	51.5	74.8	72.5	75.0	67.9	67.5	54.4	66.9	60.6	63.2	15.0
31	57.8	66.5	53.9	65.8	68.4	69.4	54.9	56.6	59.5	37.1	57.7	67.6	69.3	64.5	62.9	72.3	70.3	60.2	64.0	62.8	64.5	59.3	62.5	62.8	74.7	57.5	56.5	73.3	62.9	72.2	62.9	16.0
11	68.9	55.1	60.8	63.5	49.4	60.1	71.0	70.0	65.5	71.5	71.8	65.5	54.2	60.6	56.5	65.7	70.5	67.6	57.0	55.9	68.7	72.9	70.7	52.3	66.9	65.4	50.8	48.5	70.9	57.8	62.9	17.0
15	61.4	64.1	55.2	61.3	68.3	60.0	48.2	56.4	63.8	72.7	72.3	48.0	53.0	46.4	67.1	68.0	74.0	69.5	72.5	41.9	66.3	66.2	68.5	56.2	72.7	68.4	64.9	65.0	63.3	65.0	62.7	18.0
29	63.7	56.1	62.7	66.0	54.5	69.3	52.3	65.6	53.1	48.9	65.8	50.5	66.4	60.7	63.4	67.8	72.5	68.8	47.9	45.1	52.8	68.0	73.2	71.4	75.5	70.6	54.5	73.2	74.3	61.8	62.5	19.0
12	69.9	49.3	47.4	60.2	57.2	64.0	64.1	72.9	68.7	69.6	72.1	60.5	57.0	51.7	53.8	65.7	70.1	56.9	69.7	54.9	67.2	71.5	62.6	52.0	70.2	72.4	57.0	52.7	70.3	64.0	62.5	20.0
16	52.8	67.8	49.1	65.3	68.8	61.0	54.2	51.8	59.7	73.0	72.2	50.2	62.4	54.8	59.1	67.7	67.5	67.5	67.8	50.7	68.6	69.3	56.9	58.9	73.8	64.7	61.9	60.5	70.8	65.6	62.5	21.0
18	58.8	68.2	63.3	60.0	70.9	64.6	53.4	57.1	62.9	51.9	65.3	63.5	49.2	61.5	62.5	69.7	56.2	68.5	68.8	57.4	59.4	71.0	57.6	57.8	68.8	75.7	70.4	58.4	59.0	48.9	62.0	22.0
22	62.9	69.7	54.3	60.3	49.5	58.3	72.5	69.9	68.5	54.2	59.8	55.0	58.2	63.5	52.3	72.6	61.3	53.4	53.9	59.7	67.8	49.3	75.0	70.7	74.3	63.5	66.7	53.4	69.0	57.7	61.9	23.0
28	69.5	57.8	60.5	62.6	47.1	67.3	48.0	63.3	56.2	62.9	55.0	51.3	61.3	56.8	55.7	61.2	71.2	68.3	56.1	41.2	53.4	56.3	71.2	73.3	75.5	72.2	62.3	74.9	73.3	60.8	61.5	24.0
25	62.4	66.3	48.7	52.8	41.8	58.7	73.1	66.8	48.3	58.5	53.0	60.3	54.2	54.0	63.5	71.7	64.9	71.7	69.5	57.9	70.4	64.0	60.5	61.2	75.2	71.9	64.0	61.6	70.1	46.0	61.4	25.0
30	56.5	60.3	57.4	66.8	64.9	71.1	49.7	55.5	54.3	43.0	61.0	55.9	67.8	62.6	56.3	70.3	73.9	63.2	57.1	56.6	59.6	48.7	63.3	66.4	75.1	53.5	55.0	73.8	74.5	66.6	61.3	26.0
21	64.0	68.7	62.6	61.8	48.2	48.8	65.1	71.3	68.0	47.3	58.0	52.8	49.5	53.0	53.2	70.5	66.4	65.9	50.4	53.6	67.5	56.7	73.7	69.3	69.1	60.1	71.9	59.9	69.2	63.8	61.3	27.0
19	56.2	67.6	58.8	56.2	70.2	49.3	56.3	64.8	66.4	47.7	60.6	66.0	52.0	56.8	58.0	67.8	62.5	67.2	56.0	53.3	61.8	63.1	60.2	61.3	55.8	76.2	71.5	62.0	58.3	58.6	60.7	28.0
20	64.8	68.5	63.3	61.4	55.7	38.7	61.0	70.2	61.3	37.0	58.4	65.2	46.0	45.6	57.9	67.8	65.4	65.6	51.3	49.4	65.6	68.2	67.5	65.8	62.3	66.8	70.0	64.5	64.3	64.0	60.4	29.0
27	70.3	66.6	50.8	59.3	46.6	67.2	65.7	62.0	52.5	61.3	47.0	53.0	58.6	50.0	51.2	50.4	66.1	68.5	53.3	38.6	67.3	49.4	65.9	71.2	73.8	71.7	64.2	70.3	71.2	52.4	59.9	30.0

26		65.7	68.7	47.4	52.8	46.1	66.1	67.5	60.8	47.1	59.3	48.6	49.6	57.9	50.9	54.8	60.0	62.7	69.9	55.2	47.8	66.8	66.1	64.8	62.6	73.3	72.2	62.3	64.9	69.9	42.4		59.5	31.6

Average Daily Temperature for each day of month

Avg Day Temp
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Date	MCO_Actuals_Temp_Avg_D	TLH_Actuals_Temp_Avg_D	TPAPIE_Actuals_Temp_Avg_D	Year	Month	Day
1-Jan-86	64.83	58.25	65.88	1986	1	1
2-Jan-86	67.29	57.42	65.71	1986	1	2
3-Jan-86	66.42	59.17	63.17	1986	1	3
4-Jan-86	69.54	55.08	64.54	1986	1	4
5-Jan-86	60	47.83	59.92	1986	1	5
6-Jan-86	53.79	38.42	53.21	1986	1	6
7-Jan-86	61.13	50.42	60.88	1986	1	7
8-Jan-86	60.29	47.63	58.67	1986	1	8
9-Jan-86	65	44.25	63.46	1986	1	9
10-Jan-86	67.63	52.04	66.83	1986	1	10
11-Jan-86	57.13	49.63	59.46	1986	1	11
12-Jan-86	57	42.5	53.79	1986	1	12
13-Jan-86	55.17	45.13	53.08	1986	1	13
14-Jan-86	50.29	41.54	48.54	1986	1	14
15-Jan-86	54.42	44.92	56.42	1986	1	15
16-Jan-86	60.17	47.83	61.25	1986	1	16
17-Jan-86	65.79	58.25	65.54	1986	1	17
18-Jan-86	65.29	58.46	67.08	1986	1	18
19-Jan-86	65.96	56.67	65.96	1986	1	19
20-Jan-86	56.67	45.46	55.54	1986	1	20
21-Jan-86	56.42	49.08	56.29	1986	1	21
22-Jan-86	60.08	55.13	60.21	1986	1	22
23-Jan-86	62.79	54.92	62.33	1986	1	23
24-Jan-86	60.83	48.83	59.96	1986	1	24
25-Jan-86	61.83	48.67	57.46	1986	1	25
26-Jan-86	55.17	50.88	56.79	1986	1	26
27-Jan-86	44.33	32.29	49.04	1986	1	27
28-Jan-86	35.21	27.58	36.38	1986	1	28
29-Jan-86	48.38	49.75	48.79	1986	1	29
30-Jan-86	56.46	53.58	58.33	1986	1	30
31-Jan-86	58.71	44.46	57.92	1986	1	31
1-Feb-86	60.46	51.96	63.33	1986	2	1
2-Feb-86	63.5	55.79	64.25	1986	2	2
3-Feb-86	65.08	55.96	65.58	1986	2	3
4-Feb-86	66.38	59.79	68.46	1986	2	4
5-Feb-86	70.96	64.42	69.79	1986	2	5
6-Feb-86	67.08	65.79	70	1986	2	6
7-Feb-86	68.42	55.92	69.25	1986	2	7
8-Feb-86	64.42	58.25	67.33	1986	2	8
9-Feb-86	66	56.75	69	1986	2	9
10-Feb-86	72.46	67.38	71.17	1986	2	10
11-Feb-86	67.04	50.08	65.96	1986	2	11
12-Feb-86	53.58	37.67	52.13	1986	2	12
13-Feb-86	45.88	36.63	46.96	1986	2	13
14-Feb-86	54.54	43.79	54.13	1986	2	14
15-Feb-86	62.21	50.5	61.88	1986	2	15

16-Feb-86	59.79	45.04	60.42	1986	2	16
17-Feb-86	67.63	53.92	66.38	1986	2	17
18-Feb-86	65.96	62.88	66.46	1986	2	18
19-Feb-86	68.21	68.17	69.92	1986	2	19
20-Feb-86	70.96	66.13	71.67	1986	2	20
21-Feb-86	70.21	69.92	70.5	1986	2	21
22-Feb-86	71.63	69.08	69.96	1986	2	22
23-Feb-86	64.38	57.71	67.21	1986	2	23
24-Feb-86	63.46	53.54	63.88	1986	2	24
25-Feb-86	55.46	48.42	58.5	1986	2	25
26-Feb-86	53.58	50.08	54.5	1986	2	26
27-Feb-86	65.21	67.79	68.42	1986	2	27
28-Feb-86	57.42	55.17	58.5	1986	2	28
1-Mar-86	48.75	40.58	49	1986	3	1
2-Mar-86	47.67	41.04	47.92	1986	3	2
3-Mar-86	55.29	55.04	59.25	1986	3	3
4-Mar-86	61.33	54.92	62.25	1986	3	4
5-Mar-86	56.96	47.33	55.33	1986	3	5
6-Mar-86	56.46	50.71	58.63	1986	3	6
7-Mar-86	60.5	49.83	60.42	1986	3	7
8-Mar-86	61.54	55.71	61.83	1986	3	8
9-Mar-86	67.88	60.25	69.08	1986	3	9
10-Mar-86	68.75	65.17	68.54	1986	3	10
11-Mar-86	73.42	68.88	71.96	1986	3	11
12-Mar-86	74.54	69.08	73.38	1986	3	12
13-Mar-86	76.83	68.63	75.92	1986	3	13
14-Mar-86	70.42	64.71	71.67	1986	3	14
15-Mar-86	66.42	65.04	66.96	1986	3	15
16-Mar-86	69.54	66	69.04	1986	3	16
17-Mar-86	70.79	63.17	71.96	1986	3	17
18-Mar-86	70.63	65.75	74.25	1986	3	18
19-Mar-86	75.46	72.5	76.13	1986	3	19
20-Mar-86	73.75	57.08	72.5	1986	3	20
21-Mar-86	56.92	46.79	56.46	1986	3	21
22-Mar-86	50.67	43.58	52.21	1986	3	22
23-Mar-86	53.13	45.17	52.67	1986	3	23
24-Mar-86	59.75	54.21	60.46	1986	3	24
25-Mar-86	64.58	58.88	65.42	1986	3	25
26-Mar-86	69.42	65	68.71	1986	3	26
27-Mar-86	67.88	63.83	69.5	1986	3	27
28-Mar-86	67.83	64.75	68.42	1986	3	28
29-Mar-86	66.71	65.96	68.88	1986	3	29
30-Mar-86	67.17	63.67	69.42	1986	3	30
31-Mar-86	67.54	64.92	68.96	1986	3	31
1-Apr-86	67.63	66.75	71.21	1986	4	1
2-Apr-86	69.13	67.42	70.75	1986	4	2
3-Apr-86	69.83	65.21	71.17	1986	4	3

4-Apr-86	70.08	68.25	72.29	1986	4	4
5-Apr-86	70.38	69.04	72.67	1986	4	5
6-Apr-86	70.38	68.38	71.08	1986	4	6
7-Apr-86	72.04	69.58	70.75	1986	4	7
8-Apr-86	71.71	72.46	70.5	1986	4	8
9-Apr-86	69.58	66.67	70.04	1986	4	9
10-Apr-86	62.67	56.54	62.83	1986	4	10
11-Apr-86	65.63	60.79	66.63	1986	4	11
12-Apr-86	66.96	58.92	68.88	1986	4	12
13-Apr-86	66.83	63.04	70.29	1986	4	13
14-Apr-86	67.75	65.04	70.29	1986	4	14
15-Apr-86	71.63	65.75	71.67	1986	4	15
16-Apr-86	69.42	61.21	71.04	1986	4	16
17-Apr-86	63.33	56.13	63.08	1986	4	17
18-Apr-86	64.79	58.38	64.67	1986	4	18
19-Apr-86	66.88	63.71	69.25	1986	4	19
20-Apr-86	68.96	67.67	71.5	1986	4	20
21-Apr-86	71.08	69.54	71.63	1986	4	21
22-Apr-86	64.96	57.58	66.83	1986	4	22
23-Apr-86	63	53.88	62.13	1986	4	23
24-Apr-86	63.63	57.71	65.08	1986	4	24
25-Apr-86	66.83	62.67	68.38	1986	4	25
26-Apr-86	71.17	66.71	69.21	1986	4	26
27-Apr-86	75.38	69.21	71.21	1986	4	27
28-Apr-86	76.63	70.92	73	1986	4	28
29-Apr-86	75.17	72.38	72.38	1986	4	29
30-Apr-86	75.96	69.75	75	1986	4	30
1-May-86	75.75	69.46	75.83	1986	5	1
2-May-86	76.46	74.46	76.88	1986	5	2
3-May-86	76.08	70.29	77.42	1986	5	3
4-May-86	73.46	70.42	75.71	1986	5	4
5-May-86	73.21	71.83	76.79	1986	5	5
6-May-86	76.08	72.83	77	1986	5	6
7-May-86	76.75	76	75.46	1986	5	7
8-May-86	75.25	77.75	75.33	1986	5	8
9-May-86	75.88	79.79	75.96	1986	5	9
10-May-86	71.92	72.88	73.79	1986	5	10
11-May-86	68.92	70.13	70.13	1986	5	11
12-May-86	70.38	70.75	72.63	1986	5	12
13-May-86	71.96	70.88	74.63	1986	5	13
14-May-86	72.46	69.63	74.88	1986	5	14
15-May-86	73.67	75.08	74.67	1986	5	15
16-May-86	73.29	76	75.42	1986	5	16
17-May-86	73.58	73.71	75.75	1986	5	17
18-May-86	75.25	73.38	77.67	1986	5	18
19-May-86	77.58	67.17	77.54	1986	5	19
20-May-86	72.88	73.92	73	1986	5	20

21-May-86	74.08	69.21	74.83	1986	5	21
22-May-86	75.46	66.71	73.17	1986	5	22
23-May-86	77.33	72.04	76.21	1986	5	23
24-May-86	79.25	74.83	80.46	1986	5	24
25-May-86	78.29	77	81.46	1986	5	25
26-May-86	78.63	77.29	80.67	1986	5	26
27-May-86	78.58	77.75	81.75	1986	5	27
28-May-86	78.88	78.08	82.04	1986	5	28
29-May-86	78.71	78.21	82.04	1986	5	29
30-May-86	79.38	78.92	80.46	1986	5	30
31-May-86	80.88	79.63	82.38	1986	5	31
1-Jun-86	81.67	77.33	82.13	1986	6	1
2-Jun-86	81	81.46	82.13	1986	6	2
3-Jun-86	78.08	78.33	79.83	1986	6	3
4-Jun-86	78.04	79.58	80.42	1986	6	4
5-Jun-86	79.67	79	81.67	1986	6	5
6-Jun-86	80.25	80.92	81.29	1986	6	6
7-Jun-86	81.71	82.29	83.04	1986	6	7
8-Jun-86	80.54	80.42	84.71	1986	6	8
9-Jun-86	80.63	80.54	80.58	1986	6	9
10-Jun-86	79.67	80.96	81.5	1986	6	10
11-Jun-86	78.92	77.29	81	1986	6	11
12-Jun-86	77.54	77.21	81.46	1986	6	12
13-Jun-86	76.25	80.25	78.17	1986	6	13
14-Jun-86	77.04	77.63	78.33	1986	6	14
15-Jun-86	76.54	74.33	78.96	1986	6	15
16-Jun-86	77.75	76.75	78.79	1986	6	16
17-Jun-86	76.33	81.58	79.13	1986	6	17
18-Jun-86	77.38	77.33	78.96	1986	6	18
19-Jun-86	77	76.38	78.75	1986	6	19
20-Jun-86	76.42	77.83	78.79	1986	6	20
21-Jun-86	76.88	78.67	76.83	1986	6	21
22-Jun-86	79.42	81.04	77.92	1986	6	22
23-Jun-86	79.25	80.79	78.46	1986	6	23
24-Jun-86	79.21	79.25	79.71	1986	6	24
25-Jun-86	78.88	79.29	79.96	1986	6	25
26-Jun-86	81.96	81.29	80.46	1986	6	26
27-Jun-86	81.63	78.83	82.67	1986	6	27
28-Jun-86	80.71	78.79	79.79	1986	6	28
29-Jun-86	79.42	79.08	80.54	1986	6	29
30-Jun-86	80.13	78.88	82.58	1986	6	30
1-Jul-86	79.42	80.63	84.08	1986	7	1
2-Jul-86	81.29	80.33	85.08	1986	7	2
3-Jul-86	79.79	79.58	82	1986	7	3
4-Jul-86	76.67	81.21	80.08	1986	7	4
5-Jul-86	76.63	77.63	78.67	1986	7	5
6-Jul-86	77.04	77.71	78.08	1986	7	6

7-Jul-86	79.96	79.96	79.21	1986	7	7
8-Jul-86	81.83	81.58	79.75	1986	7	8
9-Jul-86	82.88	81.08	82.08	1986	7	9
10-Jul-86	82.42	79.29	84.33	1986	7	10
11-Jul-86	80.42	80.38	84.38	1986	7	11
12-Jul-86	77.42	81.92	79.54	1986	7	12
13-Jul-86	80.88	78.54	81.33	1986	7	13
14-Jul-86	83.13	81.79	83.54	1986	7	14
15-Jul-86	83.71	82.63	84.04	1986	7	15
16-Jul-86	83.17	78.04	84.96	1986	7	16
17-Jul-86	83.75	80.46	84.83	1986	7	17
18-Jul-86	80.46	83.04	83.25	1986	7	18
19-Jul-86	84.29	85.71	84.38	1986	7	19
20-Jul-86	86	86.75	86.13	1986	7	20
21-Jul-86	84.25	79.38	86.04	1986	7	21
22-Jul-86	78.13	81.33	82.88	1986	7	22
23-Jul-86	77.42	76.71	79.96	1986	7	23
24-Jul-86	79.75	78.79	81.63	1986	7	24
25-Jul-86	79.25	80.75	80	1986	7	25
26-Jul-86	78.88	78.71	80.54	1986	7	26
27-Jul-86	77.79	79.38	79.71	1986	7	27
28-Jul-86	79.29	80.17	78.75	1986	7	28
29-Jul-86	79.08	82.13	81.33	1986	7	29
30-Jul-86	81.75	83.96	82.13	1986	7	30
31-Jul-86	83.17	86.5	85.17	1986	7	31
1-Aug-86	84	88.71	84.25	1986	8	1
2-Aug-86	84	81.04	83.29	1986	8	2
3-Aug-86	80.67	80.5	81.88	1986	8	3
4-Aug-86	80.29	78.92	83.04	1986	8	4
5-Aug-86	80.29	79.21	81.17	1986	8	5
6-Aug-86	81.38	75.54	82	1986	8	6
7-Aug-86	82.46	79.13	83.25	1986	8	7
8-Aug-86	81.58	78.58	82.58	1986	8	8
9-Aug-86	81.96	77.71	81.58	1986	8	9
10-Aug-86	81.04	77.13	82.75	1986	8	10
11-Aug-86	79.58	77.29	80.63	1986	8	11
12-Aug-86	76.63	75.58	77	1986	8	12
13-Aug-86	77.96	76.79	77.79	1986	8	13
14-Aug-86	80.38	76.29	82	1986	8	14
15-Aug-86	82.29	79	82.67	1986	8	15
16-Aug-86	80.38	80	78.79	1986	8	16
17-Aug-86	82.08	79.83	80.29	1986	8	17
18-Aug-86	81.17	81.17	82.42	1986	8	18
19-Aug-86	80.75	79.04	83.42	1986	8	19
20-Aug-86	76.71	77.29	76.29	1986	8	20
21-Aug-86	78.79	75.38	78.21	1986	8	21
22-Aug-86	82.17	79.42	81.04	1986	8	22

23-Aug-86	82.71	81.88	83.21	1986	8	23
24-Aug-86	83.17	83.38	82.5	1986	8	24
25-Aug-86	83.5	82.88	82.38	1986	8	25
26-Aug-86	82.79	79.42	81.63	1986	8	26
27-Aug-86	82.5	76	81.04	1986	8	27
28-Aug-86	78.88	74.75	80.46	1986	8	28
29-Aug-86	79.29	66.79	81.75	1986	8	29
30-Aug-86	80.88	67.04	81.46	1986	8	30
31-Aug-86	79.54	71.46	79.17	1986	8	31
1-Sep-86	79.88	76.42	80.63	1986	9	1
2-Sep-86	80.71	77.5	79.67	1986	9	2
3-Sep-86	80.25	78.13	81.5	1986	9	3
4-Sep-86	81.17	78.25	80.63	1986	9	4
5-Sep-86	79.5	79.46	81.67	1986	9	5
6-Sep-86	78.71	81.08	79.79	1986	9	6
7-Sep-86	79.29	79	82.33	1986	9	7
8-Sep-86	78.33	78.25	79.75	1986	9	8
9-Sep-86	75.83	77.63	76.21	1986	9	9
10-Sep-86	76.33	78.33	76.83	1986	9	10
11-Sep-86	80.46	79.04	79.67	1986	9	11
12-Sep-86	81.54	78.96	81.79	1986	9	12
13-Sep-86	80.13	78.58	79.92	1986	9	13
14-Sep-86	81.42	76	82.13	1986	9	14
15-Sep-86	80.92	78.42	81.54	1986	9	15
16-Sep-86	80.08	79.83	82.21	1986	9	16
17-Sep-86	78.92	79.71	81.08	1986	9	17
18-Sep-86	76.33	76.25	78.46	1986	9	18
19-Sep-86	78.58	77.54	80.46	1986	9	19
20-Sep-86	78.83	78.13	79.38	1986	9	20
21-Sep-86	78.38	78.79	79.71	1986	9	21
22-Sep-86	79.58	77	79.63	1986	9	22
23-Sep-86	78.71	75.79	80.21	1986	9	23
24-Sep-86	80.21	77.29	81.21	1986	9	24
25-Sep-86	80.83	78.75	83.25	1986	9	25
26-Sep-86	80.92	80.13	82.38	1986	9	26
27-Sep-86	80.42	81.67	83.08	1986	9	27
28-Sep-86	80.83	82.25	82.96	1986	9	28
29-Sep-86	80.75	79.46	82.67	1986	9	29
30-Sep-86	80.63	79.04	81.92	1986	9	30
1-Oct-86	81.46	77.92	82	1986	10	1
2-Oct-86	80.63	78.33	82.5	1986	10	2
3-Oct-86	80	78.58	81.38	1986	10	3
4-Oct-86	81.46	78.46	81.21	1986	10	4
5-Oct-86	81.88	79.92	80.5	1986	10	5
6-Oct-86	80.08	80.42	80.88	1986	10	6
7-Oct-86	77.79	77.04	80.25	1986	10	7
8-Oct-86	80.88	77.92	79.75	1986	10	8

9-Oct-86	80.33	73.13	80.83	1986	10	9
10-Oct-86	75.71	74.21	76.04	1986	10	10
11-Oct-86	78.79	73.54	78.67	1986	10	11
12-Oct-86	79.58	71.67	80.38	1986	10	12
13-Oct-86	80.88	75.92	82.04	1986	10	13
14-Oct-86	81.08	73.33	80.83	1986	10	14
15-Oct-86	77.88	64.21	78.63	1986	10	15
16-Oct-86	71.21	57.67	70.13	1986	10	16
17-Oct-86	68.5	57.83	68.54	1986	10	17
18-Oct-86	70.83	61.54	70.38	1986	10	18
19-Oct-86	72.79	61.13	71.5	1986	10	19
20-Oct-86	69.88	53.92	69.54	1986	10	20
21-Oct-86	69.17	54.08	68.5	1986	10	21
22-Oct-86	70.63	57	70.33	1986	10	22
23-Oct-86	72.63	63.88	73.54	1986	10	23
24-Oct-86	73.29	70.83	75.38	1986	10	24
25-Oct-86	75.63	70.5	75.63	1986	10	25
26-Oct-86	76.21	65.29	73.75	1986	10	26
27-Oct-86	70.58	64.67	69	1986	10	27
28-Oct-86	71.29	59.67	69.25	1986	10	28
29-Oct-86	73.42	60.21	69.96	1986	10	29
30-Oct-86	74.04	66.58	73.04	1986	10	30
31-Oct-86	76.71	68.08	76.42	1986	10	31
1-Nov-86	75.67	67.29	77.08	1986	11	1
2-Nov-86	71.75	62.46	72.38	1986	11	2
3-Nov-86	72.42	63.04	70.25	1986	11	3
4-Nov-86	73.25	65.71	73.42	1986	11	4
5-Nov-86	75.58	70.38	75.5	1986	11	5
6-Nov-86	77.58	75.83	77.04	1986	11	6
7-Nov-86	77.58	72.54	80.33	1986	11	7
8-Nov-86	76.21	70.67	77.92	1986	11	8
9-Nov-86	76.21	69.71	77.17	1986	11	9
10-Nov-86	76.29	71.21	78.42	1986	11	10
11-Nov-86	74.96	74.17	78.17	1986	11	11
12-Nov-86	76.88	72.04	77.46	1986	11	12
13-Nov-86	76.25	63	76.46	1986	11	13
14-Nov-86	74.5	50.71	71.79	1986	11	14
15-Nov-86	67.75	57.33	68.83	1986	11	15
16-Nov-86	71.04	65.33	70.75	1986	11	16
17-Nov-86	75.33	75.13	76.42	1986	11	17
18-Nov-86	76.46	73.25	77.92	1986	11	18
19-Nov-86	74.63	72.17	77.42	1986	11	19
20-Nov-86	75.33	69.17	76.88	1986	11	20
21-Nov-86	69.29	56.17	71.92	1986	11	21
22-Nov-86	65.5	51.75	65.96	1986	11	22
23-Nov-86	71.88	62.83	74	1986	11	23
24-Nov-86	75.08	67.75	77.83	1986	11	24

25-Nov-86	75.46	72.5	77.75	1986	11	25
26-Nov-86	74.96	72.33	76.54	1986	11	26
27-Nov-86	74.13	59.21	76.13	1986	11	27
28-Nov-86	74.04	59.46	76.13	1986	11	28
29-Nov-86	75.92	64.42	75.67	1986	11	29
30-Nov-86	74.21	66.08	75.21	1986	11	30
1-Dec-86	73	63.08	73.08	1986	12	1
2-Dec-86	70.92	60.5	72.46	1986	12	2
3-Dec-86	62.54	50	62.83	1986	12	3
4-Dec-86	56.67	46.92	55.71	1986	12	4
5-Dec-86	59.5	48.75	58.21	1986	12	5
6-Dec-86	67.42	48.38	64.46	1986	12	6
7-Dec-86	67.25	53.67	66.88	1986	12	7
8-Dec-86	70.04	59.58	71	1986	12	8
9-Dec-86	72.5	67.67	74.46	1986	12	9
10-Dec-86	74.29	70.29	74.92	1986	12	10
11-Dec-86	74.04	68.38	73.38	1986	12	11
12-Dec-86	73.46	61.21	72.17	1986	12	12
13-Dec-86	61	46.67	57.5	1986	12	13
14-Dec-86	65.79	50.79	64.42	1986	12	14
15-Dec-86	68	55.13	66.92	1986	12	15
16-Dec-86	67.25	59.75	68	1986	12	16
17-Dec-86	66.33	62.13	68.29	1986	12	17
18-Dec-86	68.42	63.79	71	1986	12	18
19-Dec-86	66.29	56.96	68.38	1986	12	19
20-Dec-86	70.08	52.71	68	1986	12	20
21-Dec-86	62.04	51.67	60.96	1986	12	21
22-Dec-86	64.33	49.25	63.63	1986	12	22
23-Dec-86	69.33	56.21	69.54	1986	12	23
24-Dec-86	71.29	60.58	70.17	1986	12	24
25-Dec-86	63.29	49.79	64.25	1986	12	25
26-Dec-86	58.96	47.88	59.67	1986	12	26
27-Dec-86	59.46	51.67	59.08	1986	12	27
28-Dec-86	59.75	46.17	60.71	1986	12	28
29-Dec-86	61.17	44.63	56.17	1986	12	29
30-Dec-86	58.13	45.08	56.92	1986	12	30
31-Dec-86	60.21	45.58	57.25	1986	12	31
1-Jan-87	59.42	45.42	59.88	1987	1	1
2-Jan-87	50.21	39.58	50.63	1987	1	2
3-Jan-87	51.33	36.92	51.46	1987	1	3
4-Jan-87	57.38	46.71	58.29	1987	1	4
5-Jan-87	53.63	45.71	55.46	1987	1	5
6-Jan-87	58.92	47.46	59.71	1987	1	6
7-Jan-87	61.38	52	60.88	1987	1	7
8-Jan-87	61.71	50.88	61.42	1987	1	8
9-Jan-87	61.67	51.5	62.04	1987	1	9
10-Jan-87	68.17	58.79	66.79	1987	1	10

11-Jan-87	54.33	41.71	52.83	1987	1	11
12-Jan-87	47	38.83	46.67	1987	1	12
13-Jan-87	53.17	47.88	53.42	1987	1	13
14-Jan-87	58.67	48.54	58.25	1987	1	14
15-Jan-87	65.29	57.75	65.71	1987	1	15
16-Jan-87	68	61.46	69	1987	1	16
17-Jan-87	69.17	58.92	70.63	1987	1	17
18-Jan-87	70.25	63.42	72	1987	1	18
19-Jan-87	68.63	60.46	67.83	1987	1	19
20-Jan-87	62.38	47.38	62.83	1987	1	20
21-Jan-87	57.83	45.46	58.17	1987	1	21
22-Jan-87	59.42	42.21	60.25	1987	1	22
23-Jan-87	46.79	36.79	48.29	1987	1	23
24-Jan-87	49.21	41.67	48.58	1987	1	24
25-Jan-87	59.42	55.58	59.83	1987	1	25
26-Jan-87	56.58	44.46	57.88	1987	1	26
27-Jan-87	44.38	34.33	46.21	1987	1	27
28-Jan-87	50.67	45.33	56.33	1987	1	28
29-Jan-87	57.67	50.13	58.04	1987	1	29
30-Jan-87	60.88	64.08	62.38	1987	1	30
31-Jan-87	59.83	51.46	59	1987	1	31
1-Feb-87	57.33	45.75	56.96	1987	2	1
2-Feb-87	65.71	55.29	65.38	1987	2	2
3-Feb-87	62.54	52.83	61.17	1987	2	3
4-Feb-87	62.08	56.63	63.83	1987	2	4
5-Feb-87	64.46	53.38	65.21	1987	2	5
6-Feb-87	67.46	52.33	66.42	1987	2	6
7-Feb-87	63.75	52.29	64.71	1987	2	7
8-Feb-87	58.46	52.63	59.71	1987	2	8
9-Feb-87	51.58	43.21	53.46	1987	2	9
10-Feb-87	50.75	38.21	48.5	1987	2	10
11-Feb-87	56.42	43.54	55.38	1987	2	11
12-Feb-87	57.29	52.58	55.33	1987	2	12
13-Feb-87	62.67	55.67	60.88	1987	2	13
14-Feb-87	59.04	54.42	59.29	1987	2	14
15-Feb-87	64.08	64.17	67.83	1987	2	15
16-Feb-87	69.13	63.17	68.08	1987	2	16
17-Feb-87	59.17	54	63	1987	2	17
18-Feb-87	59.29	49.5	61.42	1987	2	18
19-Feb-87	57.79	45.42	60.54	1987	2	19
20-Feb-87	59.75	54.42	62.75	1987	2	20
21-Feb-87	58.96	49	62.17	1987	2	21
22-Feb-87	68.96	53.29	67.58	1987	2	22
23-Feb-87	60.38	52.75	61.58	1987	2	23
24-Feb-87	62.04	51.88	62.17	1987	2	24
25-Feb-87	65.21	57.29	68.58	1987	2	25
26-Feb-87	69.21	54.63	71.58	1987	2	26

27-Feb-87	71.88	58.21	72.13	1987	2	27
28-Feb-87	73.96	62	74	1987	2	28
1-Mar-87	66.67	62.13	67.71	1987	3	1
2-Mar-87	59.5	53.25	60.96	1987	3	2
3-Mar-87	60.96	53.21	62.13	1987	3	3
4-Mar-87	63.88	55.96	66.88	1987	3	4
5-Mar-87	60.5	53.71	61.83	1987	3	5
6-Mar-87	63.29	55.79	62.13	1987	3	6
7-Mar-87	67.67	56.92	65.54	1987	3	7
8-Mar-87	68.88	61.83	68.54	1987	3	8
9-Mar-87	65.33	60.08	66.71	1987	3	9
10-Mar-87	63.88	58.71	65.5	1987	3	10
11-Mar-87	57.83	51.21	60.25	1987	3	11
12-Mar-87	55.79	47.38	61.08	1987	3	12
13-Mar-87	52.83	46.17	55.38	1987	3	13
14-Mar-87	57.29	49.21	57.75	1987	3	14
15-Mar-87	61.79	51.83	62.42	1987	3	15
16-Mar-87	65.75	59.33	66.25	1987	3	16
17-Mar-87	68.54	60.58	69.17	1987	3	17
18-Mar-87	68.5	59.79	69.25	1987	3	18
19-Mar-87	71.29	66.38	68.79	1987	3	19
20-Mar-87	63.58	60.71	64.88	1987	3	20
21-Mar-87	64.5	60	64.04	1987	3	21
22-Mar-87	66.04	63.25	64.92	1987	3	22
23-Mar-87	65.71	66.58	69.04	1987	3	23
24-Mar-87	69.42	65.92	70.13	1987	3	24
25-Mar-87	74.46	69.67	75.58	1987	3	25
26-Mar-87	68.75	68.88	70.58	1987	3	26
27-Mar-87	70.46	67.88	71.96	1987	3	27
28-Mar-87	75.5	71.38	74.88	1987	3	28
29-Mar-87	67.83	66.46	69.29	1987	3	29
30-Mar-87	65.58	62.25	66.33	1987	3	30
31-Mar-87	56.29	45.38	56.54	1987	3	31
1-Apr-87	51.46	44.42	50.75	1987	4	1
2-Apr-87	57.25	49.29	54.42	1987	4	2
3-Apr-87	62.83	45.13	59.21	1987	4	3
4-Apr-87	50.29	42.92	51	1987	4	4
5-Apr-87	52	49.42	52.58	1987	4	5
6-Apr-87	58.17	53.5	58.63	1987	4	6
7-Apr-87	60.71	59.46	61.75	1987	4	7
8-Apr-87	60.88	57.96	62.83	1987	4	8
9-Apr-87	63.08	65	63.13	1987	4	9
10-Apr-87	65.08	66.04	65.46	1987	4	10
11-Apr-87	67	63.88	66.46	1987	4	11
12-Apr-87	68.63	64.21	67.42	1987	4	12
13-Apr-87	73.04	65.42	71.75	1987	4	13
14-Apr-87	73.08	67.08	72.83	1987	4	14

15-Apr-87	71.71	68.33	70.79	1987	4	15
16-Apr-87	66.71	63.75	69.54	1987	4	16
17-Apr-87	65.79	63.25	67.21	1987	4	17
18-Apr-87	66.79	63.92	69.63	1987	4	18
19-Apr-87	66.83	65.5	67.96	1987	4	19
20-Apr-87	69.83	70.67	69.79	1987	4	20
21-Apr-87	72.88	73.08	71.58	1987	4	21
22-Apr-87	74.63	74.92	72.54	1987	4	22
23-Apr-87	75.08	76.5	74.04	1987	4	23
24-Apr-87	75.58	71.42	73.54	1987	4	24
25-Apr-87	70.83	65.54	71.13	1987	4	25
26-Apr-87	66.83	65.04	68.96	1987	4	26
27-Apr-87	66.96	65.54	69.08	1987	4	27
28-Apr-87	70.58	73.54	70.04	1987	4	28
29-Apr-87	74.33	65.21	75	1987	4	29
30-Apr-87	72.63	68.5	71.54	1987	4	30
1-May-87	72.33	70.04	70.13	1987	5	1
2-May-87	72.58	69.5	73.04	1987	5	2
3-May-87	76.25	70.92	76.13	1987	5	3
4-May-87	77.21	72.88	77.71	1987	5	4
5-May-87	73.83	72.83	75.38	1987	5	5
6-May-87	72.54	71.33	74.21	1987	5	6
7-May-87	74.42	69.42	75.33	1987	5	7
8-May-87	74.96	72.79	74.75	1987	5	8
9-May-87	73.13	75.13	75.25	1987	5	9
10-May-87	71.63	72.92	74.79	1987	5	10
11-May-87	74.75	73.25	76.13	1987	5	11
12-May-87	75.46	72.96	77.17	1987	5	12
13-May-87	75.38	74.92	76.25	1987	5	13
14-May-87	76.46	75.04	76.13	1987	5	14
15-May-87	74.54	72.46	74.13	1987	5	15
16-May-87	74.54	72.38	75.25	1987	5	16
17-May-87	75.33	73.42	77.79	1987	5	17
18-May-87	75.33	73.71	77.71	1987	5	18
19-May-87	75.08	76.17	77.38	1987	5	19
20-May-87	77.13	75.54	78.88	1987	5	20
21-May-87	77.33	75	79.46	1987	5	21
22-May-87	77.54	76.42	78.46	1987	5	22
23-May-87	77.58	78.71	78.08	1987	5	23
24-May-87	76.17	77.46	78.54	1987	5	24
25-May-87	76.29	78.54	77.88	1987	5	25
26-May-87	76.21	74.96	78.04	1987	5	26
27-May-87	76.17	76.67	78.29	1987	5	27
28-May-87	77.25	78.83	78.42	1987	5	28
29-May-87	76.96	77.88	78.17	1987	5	29
30-May-87	76.88	77.13	78.21	1987	5	30
31-May-87	79.38	78.13	81.38	1987	5	31

1-Jun-87	80.08	80.71	80.83	1987	6	1
2-Jun-87	80.5	79.96	82.5	1987	6	2
3-Jun-87	80.54	80.46	82.21	1987	6	3
4-Jun-87	81.17	77.67	81.38	1987	6	4
5-Jun-87	80.38	77.29	78.96	1987	6	5
6-Jun-87	76.96	78.63	76.88	1987	6	6
7-Jun-87	77.42	78.88	78.71	1987	6	7
8-Jun-87	77.42	77.29	78.58	1987	6	8
9-Jun-87	78.79	77.71	79.5	1987	6	9
10-Jun-87	80.25	78.58	82.58	1987	6	10
11-Jun-87	79.92	78.71	80.96	1987	6	11
12-Jun-87	81.25	78.46	80.83	1987	6	12
13-Jun-87	81.83	75.46	81.08	1987	6	13
14-Jun-87	82.33	73.29	82.08	1987	6	14
15-Jun-87	83.42	75.46	83.21	1987	6	15
16-Jun-87	84	74.71	84.33	1987	6	16
17-Jun-87	83.46	77.92	84.17	1987	6	17
18-Jun-87	82.92	78.75	83.54	1987	6	18
19-Jun-87	82.46	76.63	81.21	1987	6	19
20-Jun-87	82.08	76.33	80.67	1987	6	20
21-Jun-87	82.54	75.46	83.29	1987	6	21
22-Jun-87	83.42	78.13	82.88	1987	6	22
23-Jun-87	84.38	77.54	83.29	1987	6	23
24-Jun-87	84	80.04	84.79	1987	6	24
25-Jun-87	83.96	77.92	84.75	1987	6	25
26-Jun-87	80.54	77.79	84.88	1987	6	26
27-Jun-87	78.96	79.29	80.08	1987	6	27
28-Jun-87	79.71	76.13	82.25	1987	6	28
29-Jun-87	79	75.42	81.04	1987	6	29
30-Jun-87	78.58	79.67	78	1987	6	30
1-Jul-87	82.71	79.25	82.71	1987	7	1
2-Jul-87	80.88	80.04	81.13	1987	7	2
3-Jul-87	80.96	76.5	81.21	1987	7	3
4-Jul-87	80.88	77.58	81.04	1987	7	4
5-Jul-87	80.58	78.63	82.5	1987	7	5
6-Jul-87	80.46	77.71	81.25	1987	7	6
7-Jul-87	81.54	77.25	83.29	1987	7	7
8-Jul-87	82.54	78.54	83.38	1987	7	8
9-Jul-87	83.08	82.63	83.38	1987	7	9
10-Jul-87	83.38	84.42	81.46	1987	7	10
11-Jul-87	83.96	83.42	83.63	1987	7	11
12-Jul-87	83.17	84.83	84.83	1987	7	12
13-Jul-87	80.67	85.42	82.17	1987	7	13
14-Jul-87	80.63	80.33	84.58	1987	7	14
15-Jul-87	76.13	79.75	79.04	1987	7	15
16-Jul-87	76.29	78.29	82.46	1987	7	16
17-Jul-87	78.29	80.63	79.96	1987	7	17

18-Jul-87	79.96	81.54	79.92	1987	7	18
19-Jul-87	78.38	80.5	77.83	1987	7	19
20-Jul-87	79.38	78.04	78.13	1987	7	20
21-Jul-87	80.42	80.42	80.71	1987	7	21
22-Jul-87	81.5	81.88	81.79	1987	7	22
23-Jul-87	83.38	84.58	81.13	1987	7	23
24-Jul-87	84.38	82.13	84.46	1987	7	24
25-Jul-87	83.04	81.29	82.25	1987	7	25
26-Jul-87	82.79	76.88	83.08	1987	7	26
27-Jul-87	83.38	77.79	83.29	1987	7	27
28-Jul-87	82.21	80.42	83.88	1987	7	28
29-Jul-87	84	82.58	84	1987	7	29
30-Jul-87	82.29	79.96	83.71	1987	7	30
31-Jul-87	80.29	79.04	82.46	1987	7	31
1-Aug-87	80.21	82.13	81.75	1987	8	1
2-Aug-87	80.63	79.46	83.21	1987	8	2
3-Aug-87	82.38	79.33	82.5	1987	8	3
4-Aug-87	82.04	80.25	83.92	1987	8	4
5-Aug-87	84.33	80.17	83.88	1987	8	5
6-Aug-87	86.08	81.04	85.58	1987	8	6
7-Aug-87	86.96	83.42	85.63	1987	8	7
8-Aug-87	86.71	84.71	84.63	1987	8	8
9-Aug-87	87.83	85.42	85.5	1987	8	9
10-Aug-87	83.13	86.5	82.08	1987	8	10
11-Aug-87	81.83	84.46	81	1987	8	11
12-Aug-87	82.13	78.71	80.88	1987	8	12
13-Aug-87	81.21	74.71	79.83	1987	8	13
14-Aug-87	77.13	74.17	75.54	1987	8	14
15-Aug-87	79.17	76.04	78	1987	8	15
16-Aug-87	83.92	79.13	82.79	1987	8	16
17-Aug-87	85.63	78.79	84.29	1987	8	17
18-Aug-87	86.38	80.21	83.58	1987	8	18
19-Aug-87	83.71	77.96	84.17	1987	8	19
20-Aug-87	84.54	82.29	84.54	1987	8	20
21-Aug-87	83.46	82.33	81.21	1987	8	21
22-Aug-87	81.63	81.08	82.21	1987	8	22
23-Aug-87	83.33	80.17	83.42	1987	8	23
24-Aug-87	83.21	84.29	83.67	1987	8	24
25-Aug-87	83.5	81.25	83.29	1987	8	25
26-Aug-87	84.5	81.33	84.17	1987	8	26
27-Aug-87	83.04	80.46	84.21	1987	8	27
28-Aug-87	83.46	81.79	83.96	1987	8	28
29-Aug-87	82.63	80.79	83.42	1987	8	29
30-Aug-87	84.67	80.58	84.54	1987	8	30
31-Aug-87	82.5	78.67	83.75	1987	8	31
1-Sep-87	82.79	78.33	81.67	1987	9	1
2-Sep-87	79.67	76.67	76.79	1987	9	2

3-Sep-87	78.38	76.92	76.83	1987	9	3
4-Sep-87	77.38	74.42	77.25	1987	9	4
5-Sep-87	79.54	75.25	78.63	1987	9	5
6-Sep-87	80.13	78.88	80.25	1987	9	6
7-Sep-87	83.58	75.54	81.33	1987	9	7
8-Sep-87	83.58	76.46	82.46	1987	9	8
9-Sep-87	82.42	78.17	83	1987	9	9
10-Sep-87	82.08	78.17	82.13	1987	9	10
11-Sep-87	80.83	75.04	80.33	1987	9	11
12-Sep-87	79.96	75.63	78.33	1987	9	12
13-Sep-87	81	79.08	79.92	1987	9	13
14-Sep-87	83.42	79.04	81.67	1987	9	14
15-Sep-87	83.42	78.13	82.5	1987	9	15
16-Sep-87	83.13	78.04	82.04	1987	9	16
17-Sep-87	83.58	77.5	82.08	1987	9	17
18-Sep-87	84.13	80.83	81.75	1987	9	18
19-Sep-87	83.04	76.54	82.88	1987	9	19
20-Sep-87	81.79	75.83	83.88	1987	9	20
21-Sep-87	83.42	72.17	82.29	1987	9	21
22-Sep-87	81.71	74.21	81.25	1987	9	22
23-Sep-87	78.04	72	75.71	1987	9	23
24-Sep-87	77.54	66.83	77.92	1987	9	24
25-Sep-87	77.29	68.42	77	1987	9	25
26-Sep-87	78	70.58	79.92	1987	9	26
27-Sep-87	78.83	74.42	79.71	1987	9	27
28-Sep-87	79.58	77.88	80.96	1987	9	28
29-Sep-87	79.88	77.33	80.25	1987	9	29
30-Sep-87	75.5	75.79	76.33	1987	9	30
1-Oct-87	76.08	67.88	76.38	1987	10	1
2-Oct-87	74.58	66.54	74.88	1987	10	2
3-Oct-87	74.88	61.79	73.83	1987	10	3
4-Oct-87	69.13	58.83	69.63	1987	10	4
5-Oct-87	69.46	57.75	70.13	1987	10	5
6-Oct-87	72.17	63.17	70.88	1987	10	6
7-Oct-87	71.58	61.08	73.42	1987	10	7
8-Oct-87	67.96	54.63	67.75	1987	10	8
9-Oct-87	71.5	61.75	71.29	1987	10	9
10-Oct-87	76	69.38	75.29	1987	10	10
11-Oct-87	73.67	70	74.54	1987	10	11
12-Oct-87	71	64.75	70.08	1987	10	12
13-Oct-87	65.92	63.38	65.17	1987	10	13
14-Oct-87	65.46	56.88	64.54	1987	10	14
15-Oct-87	65.63	55.58	66.92	1987	10	15
16-Oct-87	70.67	58.21	70.79	1987	10	16
17-Oct-87	72.29	61.5	71.17	1987	10	17
18-Oct-87	74.88	61.71	73.83	1987	10	18
19-Oct-87	75.83	63.33	75.08	1987	10	19

20-Oct-87	75.92	66.63	75.42	1987	10	20
21-Oct-87	75.08	63.29	73.92	1987	10	21
22-Oct-87	67.71	54.21	66.96	1987	10	22
23-Oct-87	68.71	59.46	68.25	1987	10	23
24-Oct-87	71.33	63.67	70.75	1987	10	24
25-Oct-87	71.67	68.63	71.83	1987	10	25
26-Oct-87	70.83	64.75	68.79	1987	10	26
27-Oct-87	71.13	66.04	71	1987	10	27
28-Oct-87	65.88	56.25	64.38	1987	10	28
29-Oct-87	63	49.58	61.21	1987	10	29
30-Oct-87	66.04	54	65.88	1987	10	30
31-Oct-87	69.46	58.96	69.25	1987	10	31
1-Nov-87	71.88	71.46	72.38	1987	11	1
2-Nov-87	72.88	72.58	73.54	1987	11	2
3-Nov-87	72.75	69.04	72.71	1987	11	3
4-Nov-87	76.88	69.75	74.13	1987	11	4
5-Nov-87	73.38	72.13	73.71	1987	11	5
6-Nov-87	68.04	59.63	68.25	1987	11	6
7-Nov-87	68.17	59.79	67.58	1987	11	7
8-Nov-87	70.92	64.13	70.5	1987	11	8
9-Nov-87	72.38	67.25	73.63	1987	11	9
10-Nov-87	75.79	69.5	74.79	1987	11	10
11-Nov-87	64.29	49.25	61.79	1987	11	11
12-Nov-87	55.75	45.08	54.29	1987	11	12
13-Nov-87	61	46.75	59.33	1987	11	13
14-Nov-87	66.58	53.42	65.88	1987	11	14
15-Nov-87	70	59.63	70.88	1987	11	15
16-Nov-87	73.38	69	75.04	1987	11	16
17-Nov-87	74.04	68.33	73.92	1987	11	17
18-Nov-87	71.29	65.17	70.46	1987	11	18
19-Nov-87	70.63	56.33	69.42	1987	11	19
20-Nov-87	62.17	51.96	61.08	1987	11	20
21-Nov-87	52.33	43.63	51.5	1987	11	21
22-Nov-87	58.25	44.38	57.67	1987	11	22
23-Nov-87	64.75	53.92	65.21	1987	11	23
24-Nov-87	66.13	58.67	67.67	1987	11	24
25-Nov-87	67.29	67.58	70.63	1987	11	25
26-Nov-87	69.71	67.21	72.29	1987	11	26
27-Nov-87	69.83	68.04	71.46	1987	11	27
28-Nov-87	68.38	67.63	70.5	1987	11	28
29-Nov-87	67	58.21	66.08	1987	11	29
30-Nov-87	58.75	51.88	59.29	1987	11	30
1-Dec-87	60.88	45.38	62.46	1987	12	1
2-Dec-87	56.13	43.04	57.33	1987	12	2
3-Dec-87	57.83	47.71	58.83	1987	12	3
4-Dec-87	61.71	58.08	64.96	1987	12	4
5-Dec-87	49.5	40.63	49.13	1987	12	5

6-Dec-87	54.5	44.79	54.25	1987	12	6
7-Dec-87	64.63	59.75	64.46	1987	12	7
8-Dec-87	68.13	64.42	68.13	1987	12	8
9-Dec-87	69.29	63.88	69.83	1987	12	9
10-Dec-87	70.46	61.21	70	1987	12	10
11-Dec-87	65	52.54	64.29	1987	12	11
12-Dec-87	63.21	56.46	65.08	1987	12	12
13-Dec-87	64.42	59.63	66.13	1987	12	13
14-Dec-87	68.96	64.79	69.92	1987	12	14
15-Dec-87	71.21	64.33	70.13	1987	12	15
16-Dec-87	56.33	44.79	55.46	1987	12	16
17-Dec-87	46.79	39.25	46.42	1987	12	17
18-Dec-87	54.13	41.13	51.42	1987	12	18
19-Dec-87	61.33	52.83	62.96	1987	12	19
20-Dec-87	67.71	62.83	68	1987	12	20
21-Dec-87	71.17	65.5	70.5	1987	12	21
22-Dec-87	70.29	57.83	70.42	1987	12	22
23-Dec-87	66.29	50.88	67.63	1987	12	23
24-Dec-87	69.54	62.38	71.79	1987	12	24
25-Dec-87	71.79	67.08	72.5	1987	12	25
26-Dec-87	70.71	69.5	71.08	1987	12	26
27-Dec-87	69.25	66.25	68.75	1987	12	27
28-Dec-87	69.75	66.67	69.17	1987	12	28
29-Dec-87	57.96	45.04	55.79	1987	12	29
30-Dec-87	55.13	40.83	52.92	1987	12	30
31-Dec-87	61	51.46	60.92	1987	12	31
1-Jan-88	64.21	57.33	66.88	1988	1	1
2-Jan-88	66.88	55.71	67.29	1988	1	2
3-Jan-88	63.25	47.38	66.5	1988	1	3
4-Jan-88	58.25	44.63	59.92	1988	1	4
5-Jan-88	52	40.38	50.96	1988	1	5
6-Jan-88	55.42	42.08	54.54	1988	1	6
7-Jan-88	64.13	43.29	64.5	1988	1	7
8-Jan-88	65.54	38.17	66.88	1988	1	8
9-Jan-88	52.58	37.63	53.29	1988	1	9
10-Jan-88	52.25	38.79	51.75	1988	1	10
11-Jan-88	50.79	38.54	52.29	1988	1	11
12-Jan-88	55.21	38.13	54.08	1988	1	12
13-Jan-88	60.25	44.75	59.83	1988	1	13
14-Jan-88	54.63	40.54	52.83	1988	1	14
15-Jan-88	50.71	42.38	51.58	1988	1	15
16-Jan-88	55.92	48.08	56.25	1988	1	16
17-Jan-88	61.17	57.75	63.46	1988	1	17
18-Jan-88	66.88	61.25	66.96	1988	1	18
19-Jan-88	70	64.33	69.33	1988	1	19
20-Jan-88	71.92	64.96	71.92	1988	1	20
21-Jan-88	68.75	54.29	66.54	1988	1	21

22-Jan-88	53.96	41.04	51.21	1988	1	22
23-Jan-88	49.75	38.21	47.88	1988	1	23
24-Jan-88	50.71	45.83	49.71	1988	1	24
25-Jan-88	57.88	46.79	55.75	1988	1	25
26-Jan-88	48.13	36.5	47.04	1988	1	26
27-Jan-88	45.29	34.58	45.29	1988	1	27
28-Jan-88	45.83	35.79	45.58	1988	1	28
29-Jan-88	54.88	41.63	54.67	1988	1	29
30-Jan-88	62	51.88	62.79	1988	1	30
31-Jan-88	66.54	61.42	68.17	1988	1	31
1-Feb-88	68.92	59.38	69.96	1988	2	1
2-Feb-88	69.17	63.17	70.21	1988	2	2
3-Feb-88	70.04	66.54	68.46	1988	2	3
4-Feb-88	70.29	62	67.5	1988	2	4
5-Feb-88	58.38	42.75	59.5	1988	2	5
6-Feb-88	46.5	37.42	45.08	1988	2	6
7-Feb-88	52.5	39	51.33	1988	2	7
8-Feb-88	56.29	46.79	52.46	1988	2	8
9-Feb-88	56.92	41.83	55.25	1988	2	9
10-Feb-88	59.5	43.25	56.88	1988	2	10
11-Feb-88	61.21	50.71	58.63	1988	2	11
12-Feb-88	55.75	42.17	53.58	1988	2	12
13-Feb-88	49.21	38.21	47.42	1988	2	13
14-Feb-88	54.25	43.92	54.17	1988	2	14
15-Feb-88	61.88	51.75	61	1988	2	15
16-Feb-88	53.17	42.79	51.42	1988	2	16
17-Feb-88	56.21	42.92	55.17	1988	2	17
18-Feb-88	64.08	49.5	65.71	1988	2	18
19-Feb-88	73.83	61.5	70.46	1988	2	19
20-Feb-88	72.38	54.75	66.63	1988	2	20
21-Feb-88	55.25	49.25	54.75	1988	2	21
22-Feb-88	56.54	44.83	56.38	1988	2	22
23-Feb-88	61.13	51.13	63.67	1988	2	23
24-Feb-88	65.13	51.75	64.58	1988	2	24
25-Feb-88	54.58	43.33	52.88	1988	2	25
26-Feb-88	52.13	44.71	51.75	1988	2	26
27-Feb-88	54	52.46	53.92	1988	2	27
28-Feb-88	60.54	57.46	62.67	1988	2	28
29-Feb-88	59.88	52.13	57.79	1988	2	29
1-Mar-88	63.46	59.38	61.96	1988	3	1
2-Mar-88	63.46	53.79	62.29	1988	3	2
3-Mar-88	68.42	59.71	69.29	1988	3	3
4-Mar-88	70.25	65.29	68.96	1988	3	4
5-Mar-88	61.63	57.25	63.21	1988	3	5
6-Mar-88	61.04	58.79	64.38	1988	3	6
7-Mar-88	63	57.88	65.13	1988	3	7
8-Mar-88	67.08	57.79	70.54	1988	3	8

9-Mar-88	72.83	64.79	71.92	1988	3	9
10-Mar-88	63.63	54.38	63.38	1988	3	10
11-Mar-88	59.54	51.58	60.63	1988	3	11
12-Mar-88	66.83	58.71	67.29	1988	3	12
13-Mar-88	68.21	66.42	70.67	1988	3	13
14-Mar-88	63.79	52.25	61.63	1988	3	14
15-Mar-88	51.42	42.67	49.13	1988	3	15
16-Mar-88	51.33	40.75	48.25	1988	3	16
17-Mar-88	56.46	45.46	55.21	1988	3	17
18-Mar-88	62.71	51.96	63.21	1988	3	18
19-Mar-88	59.67	50.17	58.54	1988	3	19
20-Mar-88	56.21	49.42	54.25	1988	3	20
21-Mar-88	59.46	54.5	57.38	1988	3	21
22-Mar-88	62.71	57.42	61.08	1988	3	22
23-Mar-88	67.21	59.79	68.96	1988	3	23
24-Mar-88	69.75	65.38	72	1988	3	24
25-Mar-88	70.71	64.17	72.75	1988	3	25
26-Mar-88	72.54	64.92	72.96	1988	3	26
27-Mar-88	71.83	65.79	70.58	1988	3	27
28-Mar-88	70.88	61.04	70.21	1988	3	28
29-Mar-88	69.5	67.92	73.33	1988	3	29
30-Mar-88	71.46	67.13	74.79	1988	3	30
31-Mar-88	70.92	68.42	74.08	1988	3	31
1-Apr-88	70.83	67.13	73.38	1988	4	1
2-Apr-88	70.75	68	73.79	1988	4	2
3-Apr-88	72.5	69.96	73.54	1988	4	3
4-Apr-88	74.88	71.96	74.54	1988	4	4
5-Apr-88	75.46	72.13	75.88	1988	4	5
6-Apr-88	73.21	66.04	74.71	1988	4	6
7-Apr-88	66.58	63.21	66	1988	4	7
8-Apr-88	64.63	60.88	64.29	1988	4	8
9-Apr-88	67.46	64.67	65.04	1988	4	9
10-Apr-88	68.58	65.75	68.83	1988	4	10
11-Apr-88	68.75	60.08	67.75	1988	4	11
12-Apr-88	61.17	46.67	63.04	1988	4	12
13-Apr-88	60.25	56.08	59.96	1988	4	13
14-Apr-88	66.04	64.33	64.04	1988	4	14
15-Apr-88	68.58	65.5	66.58	1988	4	15
16-Apr-88	68.46	69.58	66.38	1988	4	16
17-Apr-88	72.46	66.71	69.71	1988	4	17
18-Apr-88	74.63	65.42	72.21	1988	4	18
19-Apr-88	73.71	71.96	72.88	1988	4	19
20-Apr-88	72.04	63.38	69.46	1988	4	20
21-Apr-88	74.17	66	68.38	1988	4	21
22-Apr-88	74.13	70.29	71.25	1988	4	22
23-Apr-88	78.13	75.46	76.46	1988	4	23
24-Apr-88	79.08	77.33	77.54	1988	4	24

25-Apr-88	77.79	76.13	77.71	1988	4	25
26-Apr-88	79.17	78.08	78.21	1988	4	26
27-Apr-88	78.29	71	75.67	1988	4	27
28-Apr-88	75.04	65.83	72.08	1988	4	28
29-Apr-88	70.25	60.75	67.96	1988	4	29
30-Apr-88	65.96	58.5	64.04	1988	4	30
1-May-88	68.58	62.83	68.58	1988	5	1
2-May-88	70.71	63.13	71.13	1988	5	2
3-May-88	69.75	63.92	71.71	1988	5	3
4-May-88	73.04	67.58	72.33	1988	5	4
5-May-88	72.79	67.71	72.33	1988	5	5
6-May-88	69.96	65.46	69.33	1988	5	6
7-May-88	70.29	67.17	72.71	1988	5	7
8-May-88	71.67	66.92	73.08	1988	5	8
9-May-88	73.08	68.46	72.63	1988	5	9
10-May-88	74.21	69.79	72.83	1988	5	10
11-May-88	74.04	71.63	72.88	1988	5	11
12-May-88	75.42	70.54	75.29	1988	5	12
13-May-88	74.58	68.17	74.75	1988	5	13
14-May-88	74.46	71.13	75.5	1988	5	14
15-May-88	74.5	73.92	75.54	1988	5	15
16-May-88	75.63	74.29	77.38	1988	5	16
17-May-88	77	74.29	76.83	1988	5	17
18-May-88	77.88	74.67	76.33	1988	5	18
19-May-88	78.13	73.46	78.13	1988	5	19
20-May-88	80.08	74.25	77.29	1988	5	20
21-May-88	79.67	74.75	77.04	1988	5	21
22-May-88	79.67	75.79	78.33	1988	5	22
23-May-88	79.58	77.29	80.13	1988	5	23
24-May-88	76.88	74.79	81.79	1988	5	24
25-May-88	75.08	72	74.92	1988	5	25
26-May-88	72.42	70.67	76.33	1988	5	26
27-May-88	73.13	66.46	74.58	1988	5	27
28-May-88	74.17	69.08	77.13	1988	5	28
29-May-88	75	72.5	79.04	1988	5	29
30-May-88	75	75.75	78.08	1988	5	30
31-May-88	75.75	78	78.75	1988	5	31
1-Jun-88	76.46	75.83	79.71	1988	6	1
2-Jun-88	77.38	78.08	78.46	1988	6	2
3-Jun-88	78.63	80.25	77.58	1988	6	3
4-Jun-88	77.13	70.13	79.04	1988	6	4
5-Jun-88	77.79	69.5	80.42	1988	6	5
6-Jun-88	76.79	74.42	78.42	1988	6	6
7-Jun-88	76.25	75.17	79.5	1988	6	7
8-Jun-88	79.42	76.04	80.88	1988	6	8
9-Jun-88	78.63	78.83	80.46	1988	6	9
10-Jun-88	79.71	77.29	81.79	1988	6	10

11-Jun-88	76.63	73.42	78.38	1988	6	11
12-Jun-88	75.79	73.96	77.54	1988	6	12
13-Jun-88	76.75	76.5	77.13	1988	6	13
14-Jun-88	76	78.25	77.92	1988	6	14
15-Jun-88	77.83	76.29	79.92	1988	6	15
16-Jun-88	78.13	76.25	77.79	1988	6	16
17-Jun-88	79.33	77.08	79.92	1988	6	17
18-Jun-88	79.42	77.83	82.21	1988	6	18
19-Jun-88	79.08	77.54	79.75	1988	6	19
20-Jun-88	78.08	77.79	77.96	1988	6	20
21-Jun-88	78.79	78.54	78.5	1988	6	21
22-Jun-88	80.63	79.38	80.96	1988	6	22
23-Jun-88	82.96	80.79	82.13	1988	6	23
24-Jun-88	83.92	84.13	82.42	1988	6	24
25-Jun-88	82.25	83.42	80.08	1988	6	25
26-Jun-88	82.21	79.46	81.08	1988	6	26
27-Jun-88	79.58	81.33	83.83	1988	6	27
28-Jun-88	79.67	81.96	83.58	1988	6	28
29-Jun-88	80.21	83.08	83	1988	6	29
30-Jun-88	81.96	80.21	82.96	1988	6	30
1-Jul-88	79.5	78.33	82.54	1988	7	1
2-Jul-88	77.71	79.08	80.96	1988	7	2
3-Jul-88	77.04	75.83	81.63	1988	7	3
4-Jul-88	77.75	78.25	82.08	1988	7	4
5-Jul-88	76.71	81.17	81	1988	7	5
6-Jul-88	76.08	79.29	78.96	1988	7	6
7-Jul-88	77.08	80.04	79.88	1988	7	7
8-Jul-88	76.58	77.58	80.54	1988	7	8
9-Jul-88	79.71	78.63	82.04	1988	7	9
10-Jul-88	77.58	78.46	83.96	1988	7	10
11-Jul-88	81.54	77.08	83.92	1988	7	11
12-Jul-88	82.58	82.08	85.5	1988	7	12
13-Jul-88	80.13	82.08	84.88	1988	7	13
14-Jul-88	76.21	80.79	80.13	1988	7	14
15-Jul-88	79.33	79.83	78.92	1988	7	15
16-Jul-88	81.96	78.71	82.42	1988	7	16
17-Jul-88	80.13	80.04	82.29	1988	7	17
18-Jul-88	78.92	81.46	78.63	1988	7	18
19-Jul-88	78.13	81.71	77.58	1988	7	19
20-Jul-88	77.71	78.29	78.42	1988	7	20
21-Jul-88	77.33	79.88	80.63	1988	7	21
22-Jul-88	77.79	77.58	81.71	1988	7	22
23-Jul-88	75.79	78.46	80.29	1988	7	23
24-Jul-88	77.67	80.38	81.42	1988	7	24
25-Jul-88	78.25	79.46	81.58	1988	7	25
26-Jul-88	79.42	76.21	81.54	1988	7	26
27-Jul-88	79.63	78.71	80.75	1988	7	27

28-Jul-88	80.33	79.13	80.38	1988	7	28
29-Jul-88	79.83	81.5	82.83	1988	7	29
30-Jul-88	81.79	78.21	83.79	1988	7	30
31-Jul-88	81.67	79.33	84.54	1988	7	31
1-Aug-88	79.54	77	81	1988	8	1
2-Aug-88	79.08	78.46	77.92	1988	8	2
3-Aug-88	80.25	78.13	81.67	1988	8	3
4-Aug-88	80.5	79.67	80.54	1988	8	4
5-Aug-88	81.29	80.54	80.21	1988	8	5
6-Aug-88	79.42	80.63	82.75	1988	8	6
7-Aug-88	80.71	80.92	82.13	1988	8	7
8-Aug-88	79.58	80.88	81.29	1988	8	8
9-Aug-88	80.54	78.96	81.21	1988	8	9
10-Aug-88	79.46	80.25	80.04	1988	8	10
11-Aug-88	79	79.58	79.67	1988	8	11
12-Aug-88	79.38	81.38	80.83	1988	8	12
13-Aug-88	78.67	80.96	81.08	1988	8	13
14-Aug-88	78.5	77.13	81.33	1988	8	14
15-Aug-88	77.75	76.83	80	1988	8	15
16-Aug-88	77.96	78.96	79.46	1988	8	16
17-Aug-88	79.46	79.13	79.88	1988	8	17
18-Aug-88	80.29	80.13	81.42	1988	8	18
19-Aug-88	83.29	80.75	82.71	1988	8	19
20-Aug-88	81.5	79.46	81.46	1988	8	20
21-Aug-88	81.13	76.96	82.71	1988	8	21
22-Aug-88	82.5	80.08	84.33	1988	8	22
23-Aug-88	82.67	82.42	84.5	1988	8	23
24-Aug-88	84	77.71	83.58	1988	8	24
25-Aug-88	80.63	78.67	84.17	1988	8	25
26-Aug-88	79.96	79.63	82.83	1988	8	26
27-Aug-88	78.67	76.96	75.96	1988	8	27
28-Aug-88	80.75	79.04	79.79	1988	8	28
29-Aug-88	81.67	79.29	80.58	1988	8	29
30-Aug-88	81.83	79.88	81.29	1988	8	30
31-Aug-88	80.63	76.96	80.5	1988	8	31
1-Sep-88	80.92	78.38	79.67	1988	9	1
2-Sep-88	83.29	78.5	81.92	1988	9	2
3-Sep-88	83.25	79.17	82.08	1988	9	3
4-Sep-88	83.08	77.5	82.96	1988	9	4
5-Sep-88	79.46	75.58	78.21	1988	9	5
6-Sep-88	78.5	76.54	78.21	1988	9	6
7-Sep-88	79.42	71.13	76.92	1988	9	7
8-Sep-88	80.21	66.83	75.17	1988	9	8
9-Sep-88	84.25	69.25	80.96	1988	9	9
10-Sep-88	85.79	79.67	82.63	1988	9	10
11-Sep-88	85.46	82.04	83.04	1988	9	11
12-Sep-88	84.75	82.5	82.79	1988	9	12

13-Sep-88	83.46	80.25	82.29	1988	9	13
14-Sep-88	84.79	78.79	82.21	1988	9	14
15-Sep-88	85.71	80.92	82.79	1988	9	15
16-Sep-88	86.42	80.38	83.88	1988	9	16
17-Sep-88	85.42	80.33	81.63	1988	9	17
18-Sep-88	80.33	80.54	81.54	1988	9	18
19-Sep-88	81.17	77.33	82.25	1988	9	19
20-Sep-88	82.29	79.75	82.92	1988	9	20
21-Sep-88	81.96	81.29	79.21	1988	9	21
22-Sep-88	81.21	77.96	82.42	1988	9	22
23-Sep-88	81.54	76.71	81.67	1988	9	23
24-Sep-88	83.21	78.21	80.17	1988	9	24
25-Sep-88	82.67	78.29	80.21	1988	9	25
26-Sep-88	78.92	77.42	79.58	1988	9	26
27-Sep-88	78.63	76.63	78.5	1988	9	27
28-Sep-88	78.67	75.79	79.5	1988	9	28
29-Sep-88	78.21	74.42	78.38	1988	9	29
30-Sep-88	77.96	76.71	80.25	1988	9	30
1-Oct-88	78.54	76.42	80.38	1988	10	1
2-Oct-88	79.71	74.79	79.58	1988	10	2
3-Oct-88	77.38	72.63	78.08	1988	10	3
4-Oct-88	78.58	68.38	77.25	1988	10	4
5-Oct-88	76.71	67.42	76.13	1988	10	5
6-Oct-88	76.21	66.5	74.92	1988	10	6
7-Oct-88	73.75	62.54	72.17	1988	10	7
8-Oct-88	67.04	58.04	67.42	1988	10	8
9-Oct-88	70.67	54.96	69.54	1988	10	9
10-Oct-88	71.13	60.33	69.75	1988	10	10
11-Oct-88	68.92	61.83	68.5	1988	10	11
12-Oct-88	68.46	62	68.21	1988	10	12
13-Oct-88	68.38	55.63	67.96	1988	10	13
14-Oct-88	67.63	55.67	67.21	1988	10	14
15-Oct-88	69.13	60.38	69.21	1988	10	15
16-Oct-88	70.71	62.63	72.58	1988	10	16
17-Oct-88	72.54	62.17	72.79	1988	10	17
18-Oct-88	74	64.04	74.21	1988	10	18
19-Oct-88	74.13	66.5	72.92	1988	10	19
20-Oct-88	73.75	67.17	73.63	1988	10	20
21-Oct-88	74.75	69.58	74.5	1988	10	21
22-Oct-88	69.71	60.17	70.67	1988	10	22
23-Oct-88	67.13	57.54	65.67	1988	10	23
24-Oct-88	70.13	64.5	71.08	1988	10	24
25-Oct-88	68.21	55.54	69.67	1988	10	25
26-Oct-88	69.29	58.25	68.5	1988	10	26
27-Oct-88	71.96	61.54	73.29	1988	10	27
28-Oct-88	73.83	68.75	75.5	1988	10	28
29-Oct-88	72.63	70	73.67	1988	10	29

30-Oct-88	72.08	68.29	72.5	1988	10	30
31-Oct-88	72.04	64.42	72.21	1988	10	31
1-Nov-88	67.92	56.46	69.17	1988	11	1
2-Nov-88	64.54	58.79	63.5	1988	11	2
3-Nov-88	65.5	58.13	67.33	1988	11	3
4-Nov-88	72.83	72.17	74.08	1988	11	4
5-Nov-88	73.75	67.58	75.83	1988	11	5
6-Nov-88	67.08	55.67	69.67	1988	11	6
7-Nov-88	62.96	51.75	64.54	1988	11	7
8-Nov-88	64.25	58.58	64.13	1988	11	8
9-Nov-88	66.71	64.33	68.79	1988	11	9
10-Nov-88	70	62.46	69.08	1988	11	10
11-Nov-88	70.38	63.13	70.21	1988	11	11
12-Nov-88	71.75	61.46	71.63	1988	11	12
13-Nov-88	71.33	68.08	71.46	1988	11	13
14-Nov-88	70.04	69	71.63	1988	11	14
15-Nov-88	70	66.92	72.21	1988	11	15
16-Nov-88	74.17	69.67	76	1988	11	16
17-Nov-88	74.54	65.38	75.29	1988	11	17
18-Nov-88	74.75	65.79	77.29	1988	11	18
19-Nov-88	74.79	70.5	77.08	1988	11	19
20-Nov-88	76.67	70.58	76.46	1988	11	20
21-Nov-88	74.25	57	75.88	1988	11	21
22-Nov-88	72.96	57.38	72.04	1988	11	22
23-Nov-88	69.13	56.04	68.29	1988	11	23
24-Nov-88	61.92	61.29	63.38	1988	11	24
25-Nov-88	66.04	58.04	65.67	1988	11	25
26-Nov-88	71.08	65.38	72.21	1988	11	26
27-Nov-88	75.29	72.63	75.38	1988	11	27
28-Nov-88	66.04	52.38	65.5	1988	11	28
29-Nov-88	57.71	41.83	57.5	1988	11	29
30-Nov-88	65.79	51.17	65.58	1988	11	30
1-Dec-88	62.08	50.96	60.79	1988	12	1
2-Dec-88	53.25	39.33	52.46	1988	12	2
3-Dec-88	56.96	40.38	55.25	1988	12	3
4-Dec-88	57.92	46.67	55.42	1988	12	4
5-Dec-88	59.75	48.88	58.83	1988	12	5
6-Dec-88	62.5	44.29	63.33	1988	12	6
7-Dec-88	66.08	51.5	65.96	1988	12	7
8-Dec-88	66.79	51.71	67.88	1988	12	8
9-Dec-88	68.63	56.17	68.21	1988	12	9
10-Dec-88	64.79	50.29	66.67	1988	12	10
11-Dec-88	62.33	47.04	65.17	1988	12	11
12-Dec-88	57.5	40.58	57.54	1988	12	12
13-Dec-88	47.13	37.79	48.33	1988	12	13
14-Dec-88	52.58	40.38	52.5	1988	12	14
15-Dec-88	60.04	51.29	61.38	1988	12	15

16-Dec-88	60.04	49.17	60.33	1988	12	16
17-Dec-88	47.79	36.67	48.21	1988	12	17
18-Dec-88	43.67	32.83	43.42	1988	12	18
19-Dec-88	47.79	36.88	48.96	1988	12	19
20-Dec-88	61.33	46.33	62.42	1988	12	20
21-Dec-88	67.04	56.79	67.33	1988	12	21
22-Dec-88	66.75	59	68.88	1988	12	22
23-Dec-88	66.83	58.58	70.13	1988	12	23
24-Dec-88	69.17	61.38	67.25	1988	12	24
25-Dec-88	67.96	64.38	67.42	1988	12	25
26-Dec-88	66.21	51.5	67.75	1988	12	26
27-Dec-88	67.71	59	69.17	1988	12	27
28-Dec-88	71.71	59.21	70.67	1988	12	28
29-Dec-88	68.25	53.25	68.63	1988	12	29
30-Dec-88	67.04	57.46	69.08	1988	12	30
31-Dec-88	69.29	66.08	70.25	1988	12	31
1-Jan-89	70.96	69.83	70.96	1989	1	1
2-Jan-89	68.04	62.79	70.08	1989	1	2
3-Jan-89	67.42	64.75	69	1989	1	3
4-Jan-89	60.79	51.17	61.96	1989	1	4
5-Jan-89	56.96	43.21	55.46	1989	1	5
6-Jan-89	64.79	56.13	63.92	1989	1	6
7-Jan-89	66.75	66.13	67.83	1989	1	7
8-Jan-89	69.71	64.25	68.5	1989	1	8
9-Jan-89	69.75	64.29	68.88	1989	1	9
10-Jan-89	66.46	59.96	68.88	1989	1	10
11-Jan-89	69.83	58.13	70.83	1989	1	11
12-Jan-89	70.13	62.96	71.92	1989	1	12
13-Jan-89	71.21	67.33	70.58	1989	1	13
14-Jan-89	71.79	65.21	70.79	1989	1	14
15-Jan-89	71.92	66.71	72.25	1989	1	15
16-Jan-89	70.63	54.96	70.54	1989	1	16
17-Jan-89	64.17	44.25	62.04	1989	1	17
18-Jan-89	61.67	49	62.25	1989	1	18
19-Jan-89	63.71	55.21	65.08	1989	1	19
20-Jan-89	66.04	54.54	68.46	1989	1	20
21-Jan-89	60.04	49.04	58.96	1989	1	21
22-Jan-89	59.04	48.5	57.42	1989	1	22
23-Jan-89	55.17	50.04	57.25	1989	1	23
24-Jan-89	61.04	49.96	60.13	1989	1	24
25-Jan-89	64.33	50.54	66.33	1989	1	25
26-Jan-89	65.88	55.75	67.33	1989	1	26
27-Jan-89	67.04	58.38	65.88	1989	1	27
28-Jan-89	65.96	52.42	67.38	1989	1	28
29-Jan-89	69.46	60.13	68.25	1989	1	29
30-Jan-89	69.96	64	69.5	1989	1	30
31-Jan-89	68.5	56.21	69.63	1989	1	31

1-Feb-89	67.67	66.58	67.33	1989	2	1
2-Feb-89	70.71	71.08	69.29	1989	2	2
3-Feb-89	71.63	67	70.83	1989	2	3
4-Feb-89	71.21	68.33	69.88	1989	2	4
5-Feb-89	73.38	67.63	71.04	1989	2	5
6-Feb-89	72.67	68.46	72.5	1989	2	6
7-Feb-89	73.38	63.17	72.96	1989	2	7
8-Feb-89	70.33	47.63	70.5	1989	2	8
9-Feb-89	57	43.42	58.88	1989	2	9
10-Feb-89	52.42	37.29	51.88	1989	2	10
11-Feb-89	54.83	41.63	52.17	1989	2	11
12-Feb-89	57.58	48.25	56.96	1989	2	12
13-Feb-89	64.88	53.25	64.54	1989	2	13
14-Feb-89	71	61.25	72.5	1989	2	14
15-Feb-89	70.58	63.58	72.92	1989	2	15
16-Feb-89	70.5	65.75	72.92	1989	2	16
17-Feb-89	69.96	59.17	71.17	1989	2	17
18-Feb-89	65.08	49.13	66.33	1989	2	18
19-Feb-89	63.38	52.67	64.08	1989	2	19
20-Feb-89	69.17	58.46	70.79	1989	2	20
21-Feb-89	75.71	62.13	74.04	1989	2	21
22-Feb-89	66.04	51	64.38	1989	2	22
23-Feb-89	45.17	36.25	48.17	1989	2	23
24-Feb-89	39.38	34.17	41.38	1989	2	24
25-Feb-89	44.83	37.38	44.17	1989	2	25
26-Feb-89	52.67	50.54	52.75	1989	2	26
27-Feb-89	59.21	58.75	60.38	1989	2	27
28-Feb-89	67.21	68.79	68.21	1989	2	28
1-Mar-89	67.75	57.42	67.25	1989	3	1
2-Mar-89	65.21	55.21	65.92	1989	3	2
3-Mar-89	72.29	62.96	70.75	1989	3	3
4-Mar-89	75.5	68.63	75.29	1989	3	4
5-Mar-89	76.38	68.88	74.79	1989	3	5
6-Mar-89	74.13	58.63	70.67	1989	3	6
7-Mar-89	56.88	41.96	57.08	1989	3	7
8-Mar-89	49.38	41.92	54.92	1989	3	8
9-Mar-89	44.5	45.75	48.92	1989	3	9
10-Mar-89	52.5	50.08	56.33	1989	3	10
11-Mar-89	59.38	53.96	57.42	1989	3	11
12-Mar-89	63	63.33	61.17	1989	3	12
13-Mar-89	67.63	65.13	67.04	1989	3	13
14-Mar-89	69.29	70.13	69.58	1989	3	14
15-Mar-89	69.83	69.88	69.96	1989	3	15
16-Mar-89	72.67	66.92	70.83	1989	3	16
17-Mar-89	71.79	66.04	74.58	1989	3	17
18-Mar-89	72.21	68.67	72.92	1989	3	18
19-Mar-89	72.46	69.29	73.42	1989	3	19

20-Mar-89	72.5	69.17	72.88	1989	3	20
21-Mar-89	74.33	64.83	73.25	1989	3	21
22-Mar-89	74.33	64.21	73.71	1989	3	22
23-Mar-89	71.88	62.96	71.63	1989	3	23
24-Mar-89	68	51.88	68.92	1989	3	24
25-Mar-89	67	55.75	66	1989	3	25
26-Mar-89	72.63	59.38	68.29	1989	3	26
27-Mar-89	74.58	67.17	73.33	1989	3	27
28-Mar-89	72.88	68.88	76.21	1989	3	28
29-Mar-89	74.13	68.67	75.46	1989	3	29
30-Mar-89	76.29	72.46	75.04	1989	3	30
31-Mar-89	74.71	67.04	75.33	1989	3	31
1-Apr-89	63.08	51.88	63.5	1989	4	1
2-Apr-89	64.67	53.96	66.88	1989	4	2
3-Apr-89	70.67	61.5	71.46	1989	4	3
4-Apr-89	73.58	68.38	75.33	1989	4	4
5-Apr-89	72.42	63.5	73.67	1989	4	5
6-Apr-89	67.04	57.92	66	1989	4	6
7-Apr-89	65.54	60.92	65.38	1989	4	7
8-Apr-89	68.88	60.46	68.04	1989	4	8
9-Apr-89	72.25	66.75	73.54	1989	4	9
10-Apr-89	73.96	54.58	72.71	1989	4	10
11-Apr-89	62.79	52.88	64.21	1989	4	11
12-Apr-89	63.71	53.71	64.25	1989	4	12
13-Apr-89	69.58	62.75	70.38	1989	4	13
14-Apr-89	71.71	63.92	72.75	1989	4	14
15-Apr-89	70.75	68.17	73.38	1989	4	15
16-Apr-89	72.67	66.54	74.67	1989	4	16
17-Apr-89	72.67	66	75	1989	4	17
18-Apr-89	73.5	67.13	76.5	1989	4	18
19-Apr-89	73.17	70.79	74.83	1989	4	19
20-Apr-89	72.46	68.13	73.71	1989	4	20
21-Apr-89	66	66.54	70.04	1989	4	21
22-Apr-89	69.17	67.13	71.75	1989	4	22
23-Apr-89	71.63	68.38	72.96	1989	4	23
24-Apr-89	74.33	67.58	74.88	1989	4	24
25-Apr-89	76.25	69.71	74.58	1989	4	25
26-Apr-89	76.75	74	74.42	1989	4	26
27-Apr-89	77.88	76.04	73.79	1989	4	27
28-Apr-89	77.17	73	76.25	1989	4	28
29-Apr-89	75.46	74.67	77.25	1989	4	29
30-Apr-89	72.54	75	77.33	1989	4	30
1-May-89	76.88	70.71	78.17	1989	5	1
2-May-89	74.75	68.46	75	1989	5	2
3-May-89	73.5	65.08	73.83	1989	5	3
4-May-89	74.54	70.83	77.29	1989	5	4
5-May-89	77.38	73.25	77.96	1989	5	5

6-May-89	77.33	76.38	78.38	1989	5	6
7-May-89	73.71	63.46	73.5	1989	5	7
8-May-89	70.5	62.17	70.08	1989	5	8
9-May-89	74.17	69	73	1989	5	9
10-May-89	74.58	69.92	77.08	1989	5	10
11-May-89	70.25	61.46	70.5	1989	5	11
12-May-89	70.71	62.08	68.92	1989	5	12
13-May-89	73.5	64.13	71.08	1989	5	13
14-May-89	77.67	68.75	75.33	1989	5	14
15-May-89	77.5	74.33	78.83	1989	5	15
16-May-89	79.71	74.5	79.21	1989	5	16
17-May-89	80.83	75.42	81	1989	5	17
18-May-89	77.79	76.08	81.13	1989	5	18
19-May-89	75.17	73.29	80.04	1989	5	19
20-May-89	77.38	73.83	79.33	1989	5	20
21-May-89	77.79	70.29	79.71	1989	5	21
22-May-89	78.58	75.08	80.38	1989	5	22
23-May-89	79.38	74.21	80.21	1989	5	23
24-May-89	80.46	76	81.04	1989	5	24
25-May-89	81	80.79	81.83	1989	5	25
26-May-89	82.29	82.21	82.54	1989	5	26
27-May-89	83.25	82.63	83.04	1989	5	27
28-May-89	79.25	82.17	83.17	1989	5	28
29-May-89	80.67	79.21	81.08	1989	5	29
30-May-89	78.5	80.75	81.75	1989	5	30
31-May-89	79.83	80.5	83.54	1989	5	31
1-Jun-89	79.63	80.42	82.21	1989	6	1
2-Jun-89	80.5	79.54	82.42	1989	6	2
3-Jun-89	81.08	78.08	82.54	1989	6	3
4-Jun-89	82.42	78.42	81.54	1989	6	4
5-Jun-89	82.38	75.83	82.63	1989	6	5
6-Jun-89	76.42	74.33	76.88	1989	6	6
7-Jun-89	75.38	72.04	80.79	1989	6	7
8-Jun-89	76.83	73.83	82.38	1989	6	8
9-Jun-89	82.67	78.08	84	1989	6	9
10-Jun-89	82.08	79.08	84.58	1989	6	10
11-Jun-89	82.58	76.58	82.83	1989	6	11
12-Jun-89	82.04	76.79	82.88	1989	6	12
13-Jun-89	81.88	78	82.42	1989	6	13
14-Jun-89	82.75	79.79	85	1989	6	14
15-Jun-89	83.46	78.83	84.04	1989	6	15
16-Jun-89	83.33	72.92	84.83	1989	6	16
17-Jun-89	82.08	77.33	82.88	1989	6	17
18-Jun-89	79.42	79.54	80.33	1989	6	18
19-Jun-89	78.79	73.83	78.5	1989	6	19
20-Jun-89	78.88	76.25	80	1989	6	20
21-Jun-89	79.5	76.29	79.71	1989	6	21

22-Jun-89	78.63	75.38	78.17	1989	6	22
23-Jun-89	77.04	77.96	77.83	1989	6	23
24-Jun-89	75.25	76.71	76.54	1989	6	24
25-Jun-89	78.46	81.04	79.29	1989	6	25
26-Jun-89	80.54	80.13	82.25	1989	6	26
27-Jun-89	81.88	80.08	82.08	1989	6	27
28-Jun-89	78.58	79.17	79.38	1989	6	28
29-Jun-89	76.58	78	79.08	1989	6	29
30-Jun-89	78.54	79	77.71	1989	6	30
1-Jul-89	79.63	78.79	80.08	1989	7	1
2-Jul-89	78.42	77	79.58	1989	7	2
3-Jul-89	81.38	76.83	82.25	1989	7	3
4-Jul-89	81.92	77	84.25	1989	7	4
5-Jul-89	81.79	75.63	84.58	1989	7	5
6-Jul-89	79.29	78.88	80.67	1989	7	6
7-Jul-89	81.21	77.96	82.71	1989	7	7
8-Jul-89	82	79.92	83.75	1989	7	8
9-Jul-89	82.54	82.13	85.21	1989	7	9
10-Jul-89	82.5	83.29	85.08	1989	7	10
11-Jul-89	79.67	84.92	81.71	1989	7	11
12-Jul-89	80.92	79.63	79.96	1989	7	12
13-Jul-89	80	76.17	81.54	1989	7	13
14-Jul-89	81.96	77.75	84.04	1989	7	14
15-Jul-89	83.54	79.38	84.58	1989	7	15
16-Jul-89	82.08	79.29	84.63	1989	7	16
17-Jul-89	81.96	81.08	84.5	1989	7	17
18-Jul-89	79.29	78.42	81.04	1989	7	18
19-Jul-89	79.08	77.33	80.08	1989	7	19
20-Jul-89	80.88	77.92	82.75	1989	7	20
21-Jul-89	81.29	77.71	81.96	1989	7	21
22-Jul-89	79.29	75.67	78.67	1989	7	22
23-Jul-89	82.21	74.38	78.46	1989	7	23
24-Jul-89	80.67	78.58	78.54	1989	7	24
25-Jul-89	82.29	82.08	79.96	1989	7	25
26-Jul-89	81.88	81.08	81.54	1989	7	26
27-Jul-89	81	80	81.33	1989	7	27
28-Jul-89	83.92	82.96	82.96	1989	7	28
29-Jul-89	80.33	81.42	82.92	1989	7	29
30-Jul-89	81.58	82.63	82.38	1989	7	30
31-Jul-89	80.13	81.13	80.42	1989	7	31
1-Aug-89	81.71	79	82.04	1989	8	1
2-Aug-89	82.04	80.42	83.33	1989	8	2
3-Aug-89	82.04	81.38	84.58	1989	8	3
4-Aug-89	82.58	82.29	85.21	1989	8	4
5-Aug-89	82.58	84	83.46	1989	8	5
6-Aug-89	84.33	85.25	84.42	1989	8	6
7-Aug-89	85.21	84.96	85.42	1989	8	7

8-Aug-89	82.29	74.63	85.54	1989	8	8
9-Aug-89	78.63	74.79	80.21	1989	8	9
10-Aug-89	78.08	74.08	76.38	1989	8	10
11-Aug-89	79.08	76.5	79.29	1989	8	11
12-Aug-89	77.25	75.17	76.67	1989	8	12
13-Aug-89	77.13	73.83	77.5	1989	8	13
14-Aug-89	81.46	76.21	80.5	1989	8	14
15-Aug-89	81.88	78.33	82.04	1989	8	15
16-Aug-89	82.08	77.71	82.58	1989	8	16
17-Aug-89	83.54	79.71	82.88	1989	8	17
18-Aug-89	80.54	79.79	82.42	1989	8	18
19-Aug-89	80.42	78.46	77.88	1989	8	19
20-Aug-89	76.96	80.38	78.33	1989	8	20
21-Aug-89	82.17	82.46	81.46	1989	8	21
22-Aug-89	81.38	82.21	81.21	1989	8	22
23-Aug-89	82.67	82.71	83.83	1989	8	23
24-Aug-89	83.21	84.04	84.29	1989	8	24
25-Aug-89	80.83	85.21	80.54	1989	8	25
26-Aug-89	81.25	80.5	81.79	1989	8	26
27-Aug-89	82.79	80.46	81.33	1989	8	27
28-Aug-89	83.17	79.58	82.83	1989	8	28
29-Aug-89	82.83	80.17	83.38	1989	8	29
30-Aug-89	83	81.38	84.08	1989	8	30
31-Aug-89	83.83	81.58	83.83	1989	8	31
1-Sep-89	81.33	79.13	80.63	1989	9	1
2-Sep-89	81.79	82.63	80	1989	9	2
3-Sep-89	80.83	82.29	80.5	1989	9	3
4-Sep-89	79.71	78.33	77.83	1989	9	4
5-Sep-89	80.08	79.63	78.46	1989	9	5
6-Sep-89	80.21	79.46	81.08	1989	9	6
7-Sep-89	82.5	81.46	81.42	1989	9	7
8-Sep-89	79.25	80.75	82.67	1989	9	8
9-Sep-89	79.21	80.83	80.46	1989	9	9
10-Sep-89	78.33	79.71	81.58	1989	9	10
11-Sep-89	80.63	79.21	82.54	1989	9	11
12-Sep-89	80.75	79.71	82.13	1989	9	12
13-Sep-89	79.88	79.42	81.88	1989	9	13
14-Sep-89	82.13	78.13	82.96	1989	9	14
15-Sep-89	82.08	78.08	82.58	1989	9	15
16-Sep-89	81.58	76.04	82.17	1989	9	16
17-Sep-89	80.33	76.92	80.92	1989	9	17
18-Sep-89	77.5	75.83	79.21	1989	9	18
19-Sep-89	78.21	75.88	80.25	1989	9	19
20-Sep-89	78.83	71.54	79.42	1989	9	20
21-Sep-89	78.88	72.71	79.42	1989	9	21
22-Sep-89	77.13	70.83	79.04	1989	9	22
23-Sep-89	76.5	75.17	75.96	1989	9	23

24-Sep-89	76.63	67.67	77.33	1989	9	24
25-Sep-89	77.29	68.25	75.92	1989	9	25
26-Sep-89	80.17	70.58	80.38	1989	9	26
27-Sep-89	80.96	70.88	83.46	1989	9	27
28-Sep-89	81.25	69.71	83.25	1989	9	28
29-Sep-89	81.04	76.17	82.04	1989	9	29
30-Sep-89	80.67	77.96	82.54	1989	9	30
1-Oct-89	81.92	75.83	82.75	1989	10	1
2-Oct-89	79.88	72.33	81.33	1989	10	2
3-Oct-89	77.71	73.21	77.58	1989	10	3
4-Oct-89	78.71	73	78.71	1989	10	4
5-Oct-89	78.46	71.21	79.13	1989	10	5
6-Oct-89	78.46	74.42	80.33	1989	10	6
7-Oct-89	78.67	76.79	79.63	1989	10	7
8-Oct-89	79.71	71.83	80	1989	10	8
9-Oct-89	75.58	65.67	74.42	1989	10	9
10-Oct-89	75.58	65.79	74.54	1989	10	10
11-Oct-89	75.67	70.29	76.42	1989	10	11
12-Oct-89	76.88	74.04	77.5	1989	10	12
13-Oct-89	78.88	72.21	79.54	1989	10	13
14-Oct-89	79.42	73.25	78.08	1989	10	14
15-Oct-89	78.79	74.88	79.83	1989	10	15
16-Oct-89	80.17	75.88	79.92	1989	10	16
17-Oct-89	79.92	74.58	80.75	1989	10	17
18-Oct-89	79.83	71.5	80.46	1989	10	18
19-Oct-89	70.33	51.21	70.33	1989	10	19
20-Oct-89	53.67	44.13	55.17	1989	10	20
21-Oct-89	55.63	46.58	55.17	1989	10	21
22-Oct-89	61.29	53	61.04	1989	10	22
23-Oct-89	68.67	58.79	66.67	1989	10	23
24-Oct-89	71.96	62.25	72.33	1989	10	24
25-Oct-89	70.29	58.92	71	1989	10	25
26-Oct-89	68.25	63.46	68.92	1989	10	26
27-Oct-89	70.25	66.21	71.46	1989	10	27
28-Oct-89	69.88	65.38	70.63	1989	10	28
29-Oct-89	69.08	64.46	70.63	1989	10	29
30-Oct-89	72.17	69	71.5	1989	10	30
31-Oct-89	70.17	68.17	71.88	1989	10	31
1-Nov-89	71.79	64.96	72.33	1989	11	1
2-Nov-89	74.92	61.71	71.33	1989	11	2
3-Nov-89	68.92	56.5	68.83	1989	11	3
4-Nov-89	68.58	53.25	67.88	1989	11	4
5-Nov-89	71.83	57.75	72.88	1989	11	5
6-Nov-89	74.38	65.08	74.75	1989	11	6
7-Nov-89	74.42	70.38	73.75	1989	11	7
8-Nov-89	74.29	71.63	75.29	1989	11	8
9-Nov-89	72.92	65.08	72.25	1989	11	9

10-Nov-89	69.25	55.21	68.25	1989	11	10
11-Nov-89	66.38	58.25	65.33	1989	11	11
12-Nov-89	68.88	59.67	69.75	1989	11	12
13-Nov-89	70.58	61.71	71.5	1989	11	13
14-Nov-89	73.25	63.54	73.79	1989	11	14
15-Nov-89	75.13	69.71	76.58	1989	11	15
16-Nov-89	68.58	54.96	67.79	1989	11	16
17-Nov-89	54.25	42.04	53.88	1989	11	17
18-Nov-89	57.29	45.83	56.67	1989	11	18
19-Nov-89	63	53.33	63.5	1989	11	19
20-Nov-89	64.04	53.5	64.42	1989	11	20
21-Nov-89	64.04	58.79	64.54	1989	11	21
22-Nov-89	65.13	63.58	66.63	1989	11	22
23-Nov-89	64.58	53.88	65.75	1989	11	23
24-Nov-89	59.88	46.75	60.21	1989	11	24
25-Nov-89	67.38	59.13	66.38	1989	11	25
26-Nov-89	71.17	68.25	70.83	1989	11	26
27-Nov-89	71.21	65	70.71	1989	11	27
28-Nov-89	73.79	67.58	73.04	1989	11	28
29-Nov-89	68.13	54.63	67.38	1989	11	29
30-Nov-89	58.33	44.79	58.54	1989	11	30
1-Dec-89	59.83	48.42	59.75	1989	12	1
2-Dec-89	64	48.67	63.42	1989	12	2
3-Dec-89	55.63	47.88	56.42	1989	12	3
4-Dec-89	47.29	38.25	46	1989	12	4
5-Dec-89	54.33	44.08	54.54	1989	12	5
6-Dec-89	60.04	51.42	61.08	1989	12	6
7-Dec-89	64.21	65.25	65.33	1989	12	7
8-Dec-89	71.33	64.38	71.21	1989	12	8
9-Dec-89	61.83	46.46	64	1989	12	9
10-Dec-89	47.75	43.67	51.63	1989	12	10
11-Dec-89	54.29	46.71	55.25	1989	12	11
12-Dec-89	64.21	54.25	65.25	1989	12	12
13-Dec-89	56.71	41.08	56.25	1989	12	13
14-Dec-89	47.71	37.38	47.79	1989	12	14
15-Dec-89	58.25	47.79	56.21	1989	12	15
16-Dec-89	57.54	42.58	60.38	1989	12	16
17-Dec-89	55.33	39.13	54	1989	12	17
18-Dec-89	58.58	42.29	57.83	1989	12	18
19-Dec-89	67.54	43.38	66.75	1989	12	19
20-Dec-89	57.71	43.92	60.96	1989	12	20
21-Dec-89	55.58	46	55.79	1989	12	21
22-Dec-89	46.42	33.38	46.58	1989	12	22
23-Dec-89	35.33	27.13	35.79	1989	12	23
24-Dec-89	28.38	23.08	30.92	1989	12	24
25-Dec-89	38.21	31.92	38.04	1989	12	25
26-Dec-89	48	39.17	50.96	1989	12	26

27-Dec-89	52	43.88	52.5	1989	12	27
28-Dec-89	55.04	46.08	56.13	1989	12	28
29-Dec-89	57.75	50.58	59.25	1989	12	29
30-Dec-89	63.63	54.08	64.13	1989	12	30
31-Dec-89	67.83	63.29	67.13	1989	12	31
1-Jan-90	62.21	49.79	60.75	1990	1	1
2-Jan-90	57.25	44.33	58.04	1990	1	2
3-Jan-90	64.13	55.75	65.21	1990	1	3
4-Jan-90	67.83	60.21	70.25	1990	1	4
5-Jan-90	70.92	61.92	71.33	1990	1	5
6-Jan-90	73.04	64.17	71.38	1990	1	6
7-Jan-90	72.04	61.63	70	1990	1	7
8-Jan-90	67.96	58.17	65.46	1990	1	8
9-Jan-90	58.42	50.92	59.71	1990	1	9
10-Jan-90	58.21	51.33	60.42	1990	1	10
11-Jan-90	60.58	52.21	59.96	1990	1	11
12-Jan-90	59.79	54.88	62.58	1990	1	12
13-Jan-90	47.92	41	49.79	1990	1	13
14-Jan-90	55.21	40.92	55.63	1990	1	14
15-Jan-90	62.58	49.54	64.29	1990	1	15
16-Jan-90	66.13	56.71	67.75	1990	1	16
17-Jan-90	69.38	63.71	70.67	1990	1	17
18-Jan-90	67.33	60.79	71.29	1990	1	18
19-Jan-90	69.46	61.04	72.04	1990	1	19
20-Jan-90	73.38	63.63	74.42	1990	1	20
21-Jan-90	71.83	67.08	70.5	1990	1	21
22-Jan-90	68.13	49.46	66.25	1990	1	22
23-Jan-90	62.21	46.46	62.54	1990	1	23
24-Jan-90	70.54	56.83	69	1990	1	24
25-Jan-90	74.21	64.46	72.13	1990	1	25
26-Jan-90	54.71	45.46	54.96	1990	1	26
27-Jan-90	57.33	44.46	58.21	1990	1	27
28-Jan-90	64.63	55.79	67.29	1990	1	28
29-Jan-90	70.58	60.08	67.33	1990	1	29
30-Jan-90	71.67	53.5	70.33	1990	1	30
31-Jan-90	68.58	58.63	70	1990	1	31
1-Feb-90	70.29	65.33	72.67	1990	2	1
2-Feb-90	75.08	67.71	74.21	1990	2	2
3-Feb-90	74.04	69	74.71	1990	2	3
4-Feb-90	74.88	69.42	72.25	1990	2	4
5-Feb-90	59.46	52.25	59.38	1990	2	5
6-Feb-90	64.46	57.13	62.17	1990	2	6
7-Feb-90	69.13	60.54	68.17	1990	2	7
8-Feb-90	67.92	59.04	68.79	1990	2	8
9-Feb-90	72.17	66.46	73.25	1990	2	9
10-Feb-90	72.5	65.42	71.96	1990	2	10
11-Feb-90	68.63	58.08	66.96	1990	2	11

12-Feb-90	61.08	54	62.33	1990	2	12
13-Feb-90	63.46	55.08	63.75	1990	2	13
14-Feb-90	68.29	59.42	70.67	1990	2	14
15-Feb-90	73	66.33	73.13	1990	2	15
16-Feb-90	76.08	68.71	73.79	1990	2	16
17-Feb-90	74.79	63.33	73.63	1990	2	17
18-Feb-90	73.29	61.13	74.13	1990	2	18
19-Feb-90	75.17	62.63	74.08	1990	2	19
20-Feb-90	68.88	61.33	70.88	1990	2	20
21-Feb-90	70.96	61.08	72.46	1990	2	21
22-Feb-90	72.17	65.92	73.54	1990	2	22
23-Feb-90	62.67	62.29	63.33	1990	2	23
24-Feb-90	56.04	53.42	57.67	1990	2	24
25-Feb-90	54.63	49.5	58.75	1990	2	25
26-Feb-90	59	50.79	59.38	1990	2	26
27-Feb-90	62.33	56.63	62.79	1990	2	27
28-Feb-90	64.54	57	65.96	1990	2	28
1-Mar-90	65.13	60.13	67.58	1990	3	1
2-Mar-90	68.13	62.67	67.25	1990	3	2
3-Mar-90	66.96	57.71	66.25	1990	3	3
4-Mar-90	62.21	55.38	63.13	1990	3	4
5-Mar-90	66.25	55.96	64.54	1990	3	5
6-Mar-90	67.5	63	68.42	1990	3	6
7-Mar-90	69.04	66.04	70.46	1990	3	7
8-Mar-90	69	62.96	69.29	1990	3	8
9-Mar-90	67.92	63.63	68.54	1990	3	9
10-Mar-90	69	65.21	69.92	1990	3	10
11-Mar-90	69.33	66.63	72.58	1990	3	11
12-Mar-90	69.21	67	71.75	1990	3	12
13-Mar-90	70.25	65.58	71.83	1990	3	13
14-Mar-90	71.88	65.83	73.46	1990	3	14
15-Mar-90	74.79	69.04	75.33	1990	3	15
16-Mar-90	76.25	73.08	77.21	1990	3	16
17-Mar-90	74.08	61.42	71.75	1990	3	17
18-Mar-90	64.75	57.25	66	1990	3	18
19-Mar-90	66.79	59.54	65.29	1990	3	19
20-Mar-90	64	49	60.92	1990	3	20
21-Mar-90	59.46	49.67	60.42	1990	3	21
22-Mar-90	63.46	54.33	64.5	1990	3	22
23-Mar-90	66.54	60.04	66.92	1990	3	23
24-Mar-90	67.38	62.67	67.63	1990	3	24
25-Mar-90	69.5	65.63	69.79	1990	3	25
26-Mar-90	71.5	65.13	70.67	1990	3	26
27-Mar-90	69.58	62.92	70.63	1990	3	27
28-Mar-90	71	65.88	72.42	1990	3	28
29-Mar-90	71.79	68.92	74.79	1990	3	29
30-Mar-90	73	67.21	76.08	1990	3	30

31-Mar-90	71.75	68.96	72.79	1990	3	31
1-Apr-90	72.58	69.29	73.17	1990	4	1
2-Apr-90	73.88	66.25	72.92	1990	4	2
3-Apr-90	70.58	60.58	69.42	1990	4	3
4-Apr-90	59.58	54.17	60.54	1990	4	4
5-Apr-90	63.42	60.67	64.33	1990	4	5
6-Apr-90	67.71	64.13	67.96	1990	4	6
7-Apr-90	69.46	56.67	73.5	1990	4	7
8-Apr-90	66.42	52.63	68.67	1990	4	8
9-Apr-90	67.92	66.25	70.46	1990	4	9
10-Apr-90	71.92	69.29	75.04	1990	4	10
11-Apr-90	72.17	64.04	72.08	1990	4	11
12-Apr-90	64.75	56	66.17	1990	4	12
13-Apr-90	65.54	57.21	67.88	1990	4	13
14-Apr-90	69.54	63.04	69.21	1990	4	14
15-Apr-90	72.54	65.25	68.25	1990	4	15
16-Apr-90	72.96	69.46	71.75	1990	4	16
17-Apr-90	76.21	70.5	74.63	1990	4	17
18-Apr-90	75.96	68.25	77.17	1990	4	18
19-Apr-90	72.04	66.08	74.46	1990	4	19
20-Apr-90	69.79	70.92	72.83	1990	4	20
21-Apr-90	69.17	68.96	71.42	1990	4	21
22-Apr-90	70.71	69.75	71.75	1990	4	22
23-Apr-90	69.42	70.21	71.38	1990	4	23
24-Apr-90	70.71	69.88	72.54	1990	4	24
25-Apr-90	71.71	70.67	73.75	1990	4	25
26-Apr-90	71.54	70.17	75.38	1990	4	26
27-Apr-90	73.21	69.13	76.08	1990	4	27
28-Apr-90	73.42	75.17	75	1990	4	28
29-Apr-90	78.08	72.75	77.29	1990	4	29
30-Apr-90	79	77.38	78.33	1990	4	30
1-May-90	79.63	77.88	79.38	1990	5	1
2-May-90	80.54	77.42	81.83	1990	5	2
3-May-90	78.04	75.25	80.58	1990	5	3
4-May-90	77.88	75.42	79.33	1990	5	4
5-May-90	77.5	75.63	78.25	1990	5	5
6-May-90	76.75	65.63	78.5	1990	5	6
7-May-90	71.75	66.75	73.79	1990	5	7
8-May-90	72.46	68.63	76.08	1990	5	8
9-May-90	75.63	69.79	77.04	1990	5	9
10-May-90	78.29	77	78.79	1990	5	10
11-May-90	74.67	66.13	77.29	1990	5	11
12-May-90	74.92	69.96	77.67	1990	5	12
13-May-90	80.67	70.42	81.08	1990	5	13
14-May-90	80.13	76.79	82.46	1990	5	14
15-May-90	79.71	78.38	81.92	1990	5	15
16-May-90	81.04	78.67	82.58	1990	5	16

17-May-90	82.75	79	82.17	1990	5	17
18-May-90	80.29	76.38	82	1990	5	18
19-May-90	79.63	73.42	81.38	1990	5	19
20-May-90	82.13	76.79	83.21	1990	5	20
21-May-90	80.92	79.42	80.38	1990	5	21
22-May-90	76.96	73.96	77.29	1990	5	22
23-May-90	76.75	72.88	79.17	1990	5	23
24-May-90	76.08	75.79	77.75	1990	5	24
25-May-90	77.63	79.92	80.04	1990	5	25
26-May-90	78.5	79.04	80	1990	5	26
27-May-90	76.5	79.25	78.5	1990	5	27
28-May-90	78.25	78.46	79.42	1990	5	28
29-May-90	81.83	76.29	81.42	1990	5	29
30-May-90	79.42	72.83	80.92	1990	5	30
31-May-90	79.42	76.96	81.79	1990	5	31
1-Jun-90	78.13	80.79	79.83	1990	6	1
2-Jun-90	81	77.38	80.04	1990	6	2
3-Jun-90	80.13	79.25	81	1990	6	3
4-Jun-90	79.42	76.92	82.83	1990	6	4
5-Jun-90	80	81.5	84.04	1990	6	5
6-Jun-90	79.92	78.58	83.25	1990	6	6
7-Jun-90	77.38	80.63	78.92	1990	6	7
8-Jun-90	78.08	78.38	80.08	1990	6	8
9-Jun-90	80.5	77.46	81.08	1990	6	9
10-Jun-90	80.38	80.29	81.67	1990	6	10
11-Jun-90	79.21	82	83	1990	6	11
12-Jun-90	80.08	79.38	83.17	1990	6	12
13-Jun-90	77.21	78.79	79.63	1990	6	13
14-Jun-90	77.13	79	78.29	1990	6	14
15-Jun-90	79.75	81.58	80.58	1990	6	15
16-Jun-90	82.29	82.17	82.08	1990	6	16
17-Jun-90	80.92	78.08	84.29	1990	6	17
18-Jun-90	80.33	82.83	83.08	1990	6	18
19-Jun-90	82.79	85.17	83.13	1990	6	19
20-Jun-90	84.21	83.33	85.67	1990	6	20
21-Jun-90	84.13	84.17	84.46	1990	6	21
22-Jun-90	81.63	76.79	85.08	1990	6	22
23-Jun-90	76.58	79.13	78.58	1990	6	23
24-Jun-90	79.88	80.13	82.25	1990	6	24
25-Jun-90	80.13	77.71	82.13	1990	6	25
26-Jun-90	76.92	78.71	79.42	1990	6	26
27-Jun-90	77.75	79.96	77.96	1990	6	27
28-Jun-90	80.71	78.79	83.29	1990	6	28
29-Jun-90	82.46	78.83	83	1990	6	29
30-Jun-90	83.17	83.92	81.83	1990	6	30
1-Jul-90	80.71	84.67	84.29	1990	7	1
2-Jul-90	78.38	81.67	79	1990	7	2

3-Jul-90	78.38	75.83	78.75	1990	7	3
4-Jul-90	80.58	77	81.04	1990	7	4
5-Jul-90	83.54	79.04	83.04	1990	7	5
6-Jul-90	84.17	83.92	84.33	1990	7	6
7-Jul-90	84.04	86.04	82.38	1990	7	7
8-Jul-90	83.08	85.33	80.92	1990	7	8
9-Jul-90	80.88	83.13	81.79	1990	7	9
10-Jul-90	82.88	81.5	81.38	1990	7	10
11-Jul-90	82.21	83.25	79.04	1990	7	11
12-Jul-90	80.5	79	80.88	1990	7	12
13-Jul-90	76.46	75.25	79.04	1990	7	13
14-Jul-90	74.75	76.96	76.08	1990	7	14
15-Jul-90	76.04	78.58	77.33	1990	7	15
16-Jul-90	77.67	78.54	79.75	1990	7	16
17-Jul-90	79.71	79.92	79.96	1990	7	17
18-Jul-90	80.13	78.21	79.29	1990	7	18
19-Jul-90	81.75	76.04	82.71	1990	7	19
20-Jul-90	81.54	80.33	80.92	1990	7	20
21-Jul-90	82.17	78.58	82.79	1990	7	21
22-Jul-90	80.46	78.71	81.58	1990	7	22
23-Jul-90	83.38	80.46	83.96	1990	7	23
24-Jul-90	82.17	83.75	83.92	1990	7	24
25-Jul-90	80.96	83.71	80.92	1990	7	25
26-Jul-90	80.25	82.79	82.21	1990	7	26
27-Jul-90	82	82.42	82.83	1990	7	27
28-Jul-90	80.88	80.75	81.04	1990	7	28
29-Jul-90	82.5	83.75	83.63	1990	7	29
30-Jul-90	82.13	81.42	83.46	1990	7	30
31-Jul-90	84.08	82.79	84.42	1990	7	31
1-Aug-90	83.71	83.58	85.54	1990	8	1
2-Aug-90	84.17	82.92	85.88	1990	8	2
3-Aug-90	81.67	83.46	83.46	1990	8	3
4-Aug-90	81.67	83.04	82.54	1990	8	4
5-Aug-90	83.42	81.46	84.21	1990	8	5
6-Aug-90	83.75	79.58	85.17	1990	8	6
7-Aug-90	83.58	82.88	85.25	1990	8	7
8-Aug-90	82.38	82.33	84.63	1990	8	8
9-Aug-90	78.75	77.5	80.58	1990	8	9
10-Aug-90	78.46	80.25	81.21	1990	8	10
11-Aug-90	77.17	81.33	81.75	1990	8	11
12-Aug-90	80.25	80.92	81.21	1990	8	12
13-Aug-90	79.58	82.04	80.58	1990	8	13
14-Aug-90	77.92	81.96	79.71	1990	8	14
15-Aug-90	81.54	83.38	81.04	1990	8	15
16-Aug-90	81.88	82.38	83.96	1990	8	16
17-Aug-90	81.71	80.63	85.29	1990	8	17
18-Aug-90	80.5	80.08	82.42	1990	8	18

19-Aug-90	80.29	82.92	82.21	1990	8	19
20-Aug-90	80.96	82.58	81.29	1990	8	20
21-Aug-90	82.21	80.5	82.25	1990	8	21
22-Aug-90	80.96	80.17	84.13	1990	8	22
23-Aug-90	78.46	81.33	80.67	1990	8	23
24-Aug-90	78.96	82.33	78.79	1990	8	24
25-Aug-90	80.42	79.79	81.79	1990	8	25
26-Aug-90	81.96	81	81.58	1990	8	26
27-Aug-90	79.83	82.08	83.83	1990	8	27
28-Aug-90	81.75	80.58	83.04	1990	8	28
29-Aug-90	84.08	84.21	83.79	1990	8	29
30-Aug-90	82.08	80.67	83.29	1990	8	30
31-Aug-90	82.5	75	81.42	1990	8	31
1-Sep-90	82.75	79.88	81.29	1990	9	1
2-Sep-90	80.63	82.33	80.13	1990	9	2
3-Sep-90	81.5	81.83	81.33	1990	9	3
4-Sep-90	81.04	79.67	81.92	1990	9	4
5-Sep-90	81.54	80.83	82.88	1990	9	5
6-Sep-90	82	80.46	83.17	1990	9	6
7-Sep-90	81.67	82.42	84.17	1990	9	7
8-Sep-90	82.96	83.88	83.38	1990	9	8
9-Sep-90	82.83	82.25	84.17	1990	9	9
10-Sep-90	82.5	79.21	83.08	1990	9	10
11-Sep-90	78.71	78.96	81.71	1990	9	11
12-Sep-90	81.63	79.54	81.88	1990	9	12
13-Sep-90	82.54	80.96	84.38	1990	9	13
14-Sep-90	82.79	77.21	83.38	1990	9	14
15-Sep-90	83	80.42	82.83	1990	9	15
16-Sep-90	80.67	81.29	82.92	1990	9	16
17-Sep-90	81.67	77.29	84.67	1990	9	17
18-Sep-90	81.58	77.71	83.33	1990	9	18
19-Sep-90	80.25	77.04	80.71	1990	9	19
20-Sep-90	80.46	78.5	82.33	1990	9	20
21-Sep-90	82.17	80.08	83.71	1990	9	21
22-Sep-90	84.42	79.83	84.17	1990	9	22
23-Sep-90	80.67	77.71	83.58	1990	9	23
24-Sep-90	75.13	64.67	75.33	1990	9	24
25-Sep-90	75.54	64.79	76.63	1990	9	25
26-Sep-90	78.75	70.46	79.83	1990	9	26
27-Sep-90	79.83	73.04	81.54	1990	9	27
28-Sep-90	75.08	75.04	76.92	1990	9	28
29-Sep-90	74.21	71.13	75.92	1990	9	29
30-Sep-90	74.71	75.25	74.92	1990	9	30
1-Oct-90	77.88	76.33	78	1990	10	1
2-Oct-90	79.29	75.75	80.96	1990	10	2
3-Oct-90	79.25	78.17	81.92	1990	10	3
4-Oct-90	80.21	76.75	82.5	1990	10	4

5-Oct-90	80.5	77.71	82.17	1990	10	5
6-Oct-90	79.79	79.17	81.08	1990	10	6
7-Oct-90	78.33	80	79.17	1990	10	7
8-Oct-90	78.46	77.71	80.21	1990	10	8
9-Oct-90	78.46	79.5	78.96	1990	10	9
10-Oct-90	80.25	74.96	79.88	1990	10	10
11-Oct-90	80.96	73.08	78.83	1990	10	11
12-Oct-90	80.88	75.42	80.75	1990	10	12
13-Oct-90	78.96	75.75	78.5	1990	10	13
14-Oct-90	77.63	70.83	77.63	1990	10	14
15-Oct-90	78.71	70.5	79.29	1990	10	15
16-Oct-90	77.92	70.92	80.5	1990	10	16
17-Oct-90	78.29	75.83	80	1990	10	17
18-Oct-90	78.38	75.17	79.33	1990	10	18
19-Oct-90	76.21	61.92	77.75	1990	10	19
20-Oct-90	74.58	69.08	76.75	1990	10	20
21-Oct-90	76.92	71.83	79.29	1990	10	21
22-Oct-90	75.58	75.04	79.88	1990	10	22
23-Oct-90	77.42	69.75	78.67	1990	10	23
24-Oct-90	75.63	63.25	74.42	1990	10	24
25-Oct-90	69.04	56.42	70.42	1990	10	25
26-Oct-90	57.83	50.5	57.46	1990	10	26
27-Oct-90	63.79	50.79	63.38	1990	10	27
28-Oct-90	68.08	55.83	67.17	1990	10	28
29-Oct-90	67.88	55	67.58	1990	10	29
30-Oct-90	68.42	58.38	69.29	1990	10	30
31-Oct-90	69.04	57.58	71.46	1990	10	31
1-Nov-90	70.92	61.67	72.46	1990	11	1
2-Nov-90	72.04	64.17	75.08	1990	11	2
3-Nov-90	72.54	69.88	73	1990	11	3
4-Nov-90	72.33	67.63	74.88	1990	11	4
5-Nov-90	71.17	66.79	72.67	1990	11	5
6-Nov-90	72.83	56.67	74.04	1990	11	6
7-Nov-90	74.17	56.38	70.04	1990	11	7
8-Nov-90	72.25	61.25	74.42	1990	11	8
9-Nov-90	75.04	68	76.33	1990	11	9
10-Nov-90	68.79	55.63	70.04	1990	11	10
11-Nov-90	59.13	54.21	60	1990	11	11
12-Nov-90	63.33	56.42	63.63	1990	11	12
13-Nov-90	65.83	56.5	65.92	1990	11	13
14-Nov-90	68.92	57.21	69.17	1990	11	14
15-Nov-90	70.5	64.96	70.21	1990	11	15
16-Nov-90	67.08	65	69.25	1990	11	16
17-Nov-90	67.54	56	67.13	1990	11	17
18-Nov-90	60.75	48.38	61.75	1990	11	18
19-Nov-90	60.96	49.83	61.08	1990	11	19
20-Nov-90	63.17	55	62.88	1990	11	20

21-Nov-90	64.5	56.83	65.25	1990	11	21
22-Nov-90	64.21	57.88	66.67	1990	11	22
23-Nov-90	69.29	60.79	68.92	1990	11	23
24-Nov-90	65.71	59.04	69.13	1990	11	24
25-Nov-90	68.83	55.42	67.21	1990	11	25
26-Nov-90	70.33	60.33	71.17	1990	11	26
27-Nov-90	72.42	67.29	73.83	1990	11	27
28-Nov-90	75.88	71.58	77.13	1990	11	28
29-Nov-90	73.17	60.25	74	1990	11	29
30-Nov-90	61.63	50.58	60.96	1990	11	30
1-Dec-90	66.88	57.5	65.21	1990	12	1
2-Dec-90	69	60.67	69	1990	12	2
3-Dec-90	69.42	63.04	71	1990	12	3
4-Dec-90	68.5	52.46	67.96	1990	12	4
5-Dec-90	53.63	41.13	52.58	1990	12	5
6-Dec-90	58.92	43.46	58.33	1990	12	6
7-Dec-90	65.71	46.21	66.17	1990	12	7
8-Dec-90	57.71	48.54	58.42	1990	12	8
9-Dec-90	53.63	43.67	52.08	1990	12	9
10-Dec-90	55.29	45.21	53.75	1990	12	10
11-Dec-90	55.83	47.63	55.21	1990	12	11
12-Dec-90	56.04	49.29	56.83	1990	12	12
13-Dec-90	60.71	55.58	63.13	1990	12	13
14-Dec-90	61.29	56.79	64	1990	12	14
15-Dec-90	66.5	56.54	66.42	1990	12	15
16-Dec-90	65.38	63.38	66.67	1990	12	16
17-Dec-90	65.71	64.29	67.88	1990	12	17
18-Dec-90	70.21	67.63	71.17	1990	12	18
19-Dec-90	72.38	68.58	72.71	1990	12	19
20-Dec-90	71.88	69.13	74.29	1990	12	20
21-Dec-90	71.58	70.13	74.88	1990	12	21
22-Dec-90	72.33	68.04	74.04	1990	12	22
23-Dec-90	71.33	71.04	73.08	1990	12	23
24-Dec-90	65.83	46.79	65.33	1990	12	24
25-Dec-90	56.13	40.46	54.17	1990	12	25
26-Dec-90	64.71	51.25	65.21	1990	12	26
27-Dec-90	70.17	60.29	71.58	1990	12	27
28-Dec-90	70.33	60.88	72.38	1990	12	28
29-Dec-90	72.38	65.92	76.17	1990	12	29
30-Dec-90	73.42	67.83	74.04	1990	12	30
31-Dec-90	74.25	67.46	72.83	1990	12	31
1-Jan-91	71.96	60.67	73.42	1991	1	1
2-Jan-91	68.17	60.5	71.75	1991	1	2
3-Jan-91	68.67	58.67	71	1991	1	3
4-Jan-91	68.38	57.38	68.54	1991	1	4
5-Jan-91	70.79	60.29	71.21	1991	1	5
6-Jan-91	70.92	63.25	73.25	1991	1	6

7-Jan-91	71.58	61.71	72.21	1991	1	7
8-Jan-91	69.75	56.96	72.17	1991	1	8
9-Jan-91	65.71	51.96	66.67	1991	1	9
10-Jan-91	68.67	55.75	71.25	1991	1	10
11-Jan-91	73.21	63.75	73.29	1991	1	11
12-Jan-91	69.33	56.79	68.46	1991	1	12
13-Jan-91	50.75	42.71	53.04	1991	1	13
14-Jan-91	56	40.96	53.71	1991	1	14
15-Jan-91	63.58	56.58	63.33	1991	1	15
16-Jan-91	68.29	62.96	67.42	1991	1	16
17-Jan-91	58.17	49.29	58.88	1991	1	17
18-Jan-91	56.92	50.21	58.79	1991	1	18
19-Jan-91	67.75	55.17	68.67	1991	1	19
20-Jan-91	63.92	52.42	63.08	1991	1	20
21-Jan-91	57.13	44.21	59.08	1991	1	21
22-Jan-91	49.46	39.79	50.25	1991	1	22
23-Jan-91	52.88	45.79	53.83	1991	1	23
24-Jan-91	67.04	48.38	66.75	1991	1	24
25-Jan-91	59.67	45.79	60.33	1991	1	25
26-Jan-91	58.63	47.79	56.67	1991	1	26
27-Jan-91	63.21	45.67	63.58	1991	1	27
28-Jan-91	69.67	61.21	68.42	1991	1	28
29-Jan-91	71	62	70.88	1991	1	29
30-Jan-91	75.17	66.17	74.17	1991	1	30
31-Jan-91	68.21	57.46	70.33	1991	1	31
1-Feb-91	61.92	50.13	61.29	1991	2	1
2-Feb-91	66.5	56.79	67.46	1991	2	2
3-Feb-91	68.88	65	69.92	1991	2	3
4-Feb-91	67.29	65.21	69.25	1991	2	4
5-Feb-91	66.17	62.88	68.21	1991	2	5
6-Feb-91	67.42	63	70.13	1991	2	6
7-Feb-91	67.46	63.25	67.21	1991	2	7
8-Feb-91	57.42	52.71	59	1991	2	8
9-Feb-91	58.08	51.08	59	1991	2	9
10-Feb-91	58.83	51.67	58.38	1991	2	10
11-Feb-91	60.58	51.17	60.21	1991	2	11
12-Feb-91	58.63	50.38	58.75	1991	2	12
13-Feb-91	65.33	60.33	63.33	1991	2	13
14-Feb-91	66.79	64	68.13	1991	2	14
15-Feb-91	55.13	45.08	59.83	1991	2	15
16-Feb-91	39.96	34.5	42.29	1991	2	16
17-Feb-91	52.29	42.38	52.13	1991	2	17
18-Feb-91	63.38	55.5	64.71	1991	2	18
19-Feb-91	70.21	62.13	69.79	1991	2	19
20-Feb-91	70.5	65.96	70	1991	2	20
21-Feb-91	70.71	66.92	69.17	1991	2	21
22-Feb-91	72.88	63.33	72.29	1991	2	22

23-Feb-91	72.08	62.79	69.92	1991	2	23
24-Feb-91	66.17	58.5	66.58	1991	2	24
25-Feb-91	67	60.29	67.92	1991	2	25
26-Feb-91	65.04	54.21	64.75	1991	2	26
27-Feb-91	55.75	49.08	55.71	1991	2	27
28-Feb-91	62.75	56.83	60.21	1991	2	28
1-Mar-91	72.63	63.46	72.88	1991	3	1
2-Mar-91	71.42	63	75.63	1991	3	2
3-Mar-91	70.75	64.38	72.63	1991	3	3
4-Mar-91	58.83	50	60.5	1991	3	4
5-Mar-91	57.92	53.79	58.92	1991	3	5
6-Mar-91	63.25	64.5	64.54	1991	3	6
7-Mar-91	70.63	70.42	70.83	1991	3	7
8-Mar-91	71.67	67.79	72.13	1991	3	8
9-Mar-91	61.38	57.71	64.63	1991	3	9
10-Mar-91	54.88	51.38	55.29	1991	3	10
11-Mar-91	55.54	48.5	54.04	1991	3	11
12-Mar-91	59.42	52.33	58.88	1991	3	12
13-Mar-91	65.88	68.67	66.42	1991	3	13
14-Mar-91	71.33	62.42	69.54	1991	3	14
15-Mar-91	61.08	56.08	62.33	1991	3	15
16-Mar-91	59	56.83	59.58	1991	3	16
17-Mar-91	64	56.33	66.54	1991	3	17
18-Mar-91	69.5	65.79	68.46	1991	3	18
19-Mar-91	66.83	60.33	66.42	1991	3	19
20-Mar-91	64.46	57.29	65.38	1991	3	20
21-Mar-91	70.25	61.67	70.58	1991	3	21
22-Mar-91	72.88	68.5	72.58	1991	3	22
23-Mar-91	73.29	72.33	73.13	1991	3	23
24-Mar-91	72.71	72.75	72	1991	3	24
25-Mar-91	71.92	67.33	74.75	1991	3	25
26-Mar-91	71	64.25	73.46	1991	3	26
27-Mar-91	74.75	71.25	75.38	1991	3	27
28-Mar-91	75.83	74.88	75.29	1991	3	28
29-Mar-91	78.21	72.96	77.04	1991	3	29
30-Mar-91	69.67	58.92	69.29	1991	3	30
31-Mar-91	63.46	56.92	64.17	1991	3	31
1-Apr-91	63.67	57.21	65.54	1991	4	1
2-Apr-91	65.54	60.29	66	1991	4	2
3-Apr-91	68	63.75	69.04	1991	4	3
4-Apr-91	71.58	70.17	72.29	1991	4	4
5-Apr-91	72.54	71.29	73.96	1991	4	5
6-Apr-91	72.75	72.96	75.83	1991	4	6
7-Apr-91	74.58	72.13	76.25	1991	4	7
8-Apr-91	76.58	71.08	77.33	1991	4	8
9-Apr-91	75.92	71.67	76.96	1991	4	9
10-Apr-91	74	71.58	76.71	1991	4	10

11-Apr-91	75.33	74	77.63	1991	4	11
12-Apr-91	74.96	75.33	77.75	1991	4	12
13-Apr-91	75.17	72.46	77.17	1991	4	13
14-Apr-91	73.5	70.83	76.54	1991	4	14
15-Apr-91	76.63	72.71	76.58	1991	4	15
16-Apr-91	77.25	75	76.67	1991	4	16
17-Apr-91	72.29	70.54	77.13	1991	4	17
18-Apr-91	74	69.5	76.54	1991	4	18
19-Apr-91	74.92	68.42	76.92	1991	4	19
20-Apr-91	71.67	72.25	75.25	1991	4	20
21-Apr-91	68.67	63.17	71.38	1991	4	21
22-Apr-91	69.75	63.83	71.21	1991	4	22
23-Apr-91	69.17	73.42	76.71	1991	4	23
24-Apr-91	78.04	72.17	81.29	1991	4	24
25-Apr-91	73.25	65.96	74.13	1991	4	25
26-Apr-91	77.04	70.96	78.5	1991	4	26
27-Apr-91	80.63	75.21	80.42	1991	4	27
28-Apr-91	81.92	79.04	81.83	1991	4	28
29-Apr-91	81.58	78.71	82.58	1991	4	29
30-Apr-91	81.67	75.33	82.42	1991	4	30
1-May-91	80.17	72	82	1991	5	1
2-May-91	77.71	73.25	79.46	1991	5	2
3-May-91	77	73.33	80.79	1991	5	3
4-May-91	77.71	75.46	80.21	1991	5	4
5-May-91	78.88	76.63	80.83	1991	5	5
6-May-91	76.79	70.71	80.46	1991	5	6
7-May-91	78.29	72.79	78.83	1991	5	7
8-May-91	78.29	77.83	80.46	1991	5	8
9-May-91	78	77.83	80.63	1991	5	9
10-May-91	78.58	75.17	80.67	1991	5	10
11-May-91	77.04	72.71	79.63	1991	5	11
12-May-91	76.88	74.25	79.33	1991	5	12
13-May-91	74.46	75.75	78.92	1991	5	13
14-May-91	76.17	76.04	80.38	1991	5	14
15-May-91	78.54	74.58	82.25	1991	5	15
16-May-91	77.71	75.38	80.17	1991	5	16
17-May-91	78.33	77	78.88	1991	5	17
18-May-91	78.42	77.38	79.67	1991	5	18
19-May-91	77.54	76.83	79.25	1991	5	19
20-May-91	75.88	73.17	76.71	1991	5	20
21-May-91	77.21	77.29	77.88	1991	5	21
22-May-91	79.54	79.25	76.42	1991	5	22
23-May-91	76.67	79.46	77.83	1991	5	23
24-May-91	76.79	77.83	79.29	1991	5	24
25-May-91	79.96	79.79	82.54	1991	5	25
26-May-91	78.75	78.17	78.92	1991	5	26
27-May-91	78.88	76.08	80.29	1991	5	27

28-May-91	80.21	79.21	81.83	1991	5	28
29-May-91	81.25	78.5	82.88	1991	5	29
30-May-91	77.13	80.96	78.46	1991	5	30
31-May-91	77.29	80.33	75.83	1991	5	31
1-Jun-91	76.04	78.5	78.33	1991	6	1
2-Jun-91	78.29	76.29	80.63	1991	6	2
3-Jun-91	80.29	79.88	81.79	1991	6	3
4-Jun-91	80.42	83.96	81.29	1991	6	4
5-Jun-91	78.46	78.63	80.79	1991	6	5
6-Jun-91	73.21	76	74.83	1991	6	6
7-Jun-91	74.67	69.79	76.04	1991	6	7
8-Jun-91	76.79	73.79	77.54	1991	6	8
9-Jun-91	76.96	77.21	78.83	1991	6	9
10-Jun-91	77.13	78.71	78.92	1991	6	10
11-Jun-91	77.29	77.38	78.38	1991	6	11
12-Jun-91	78.21	75.83	80.5	1991	6	12
13-Jun-91	79.46	79.08	82.83	1991	6	13
14-Jun-91	81.54	81.04	81.79	1991	6	14
15-Jun-91	80.5	81.71	81.71	1991	6	15
16-Jun-91	82.13	79.83	83.17	1991	6	16
17-Jun-91	79	77.17	84.54	1991	6	17
18-Jun-91	80.38	76.79	80.92	1991	6	18
19-Jun-91	79.38	79.63	80.83	1991	6	19
20-Jun-91	81.17	79.71	82.42	1991	6	20
21-Jun-91	79.88	80.29	81.33	1991	6	21
22-Jun-91	80.46	81.42	80.92	1991	6	22
23-Jun-91	81.29	78.75	81.79	1991	6	23
24-Jun-91	79.42	78.21	79.67	1991	6	24
25-Jun-91	78.21	77.5	80	1991	6	25
26-Jun-91	79.96	74.83	80.38	1991	6	26
27-Jun-91	80.75	76.79	81.75	1991	6	27
28-Jun-91	83.08	80.75	83.71	1991	6	28
29-Jun-91	82.08	80.29	80.67	1991	6	29
30-Jun-91	81.04	82.42	79.63	1991	6	30
1-Jul-91	78.88	82.58	78.96	1991	7	1
2-Jul-91	79.17	82.88	83.21	1991	7	2
3-Jul-91	81.63	80.79	84.46	1991	7	3
4-Jul-91	81.08	81.58	82.42	1991	7	4
5-Jul-91	80.71	78.71	82.83	1991	7	5
6-Jul-91	81.63	75.96	83.29	1991	7	6
7-Jul-91	83.79	77.21	83.75	1991	7	7
8-Jul-91	85.08	78.63	83.88	1991	7	8
9-Jul-91	80.29	80.96	81.92	1991	7	9
10-Jul-91	78.63	79.71	82.92	1991	7	10
11-Jul-91	79.21	76.88	79.5	1991	7	11
12-Jul-91	76.29	85.54	76.63	1991	7	12
13-Jul-91	74.42	84.83	76.92	1991	7	13

14-Jul-91	79.38	82.71	77.29	1991	7	14
15-Jul-91	78.33	79.5	80.08	1991	7	15
16-Jul-91	78.79	77.46	82.33	1991	7	16
17-Jul-91	80.71	76.04	82.67	1991	7	17
18-Jul-91	83.54	76.96	82.54	1991	7	18
19-Jul-91	83.04	81.21	83	1991	7	19
20-Jul-91	81.17	81.25	79.79	1991	7	20
21-Jul-91	83	81.71	82.13	1991	7	21
22-Jul-91	83.88	82.46	84.5	1991	7	22
23-Jul-91	81.96	84	82.42	1991	7	23
24-Jul-91	80.21	83.25	80.46	1991	7	24
25-Jul-91	79	75.88	80.71	1991	7	25
26-Jul-91	79.29	76.46	81.71	1991	7	26
27-Jul-91	79.29	78.54	81.21	1991	7	27
28-Jul-91	81	81.04	81.29	1991	7	28
29-Jul-91	81.29	77.88	81.63	1991	7	29
30-Jul-91	78.88	79	79.04	1991	7	30
31-Jul-91	77.5	78.63	77.96	1991	7	31
1-Aug-91	78.75	79.04	77.29	1991	8	1
2-Aug-91	81.38	77.46	82.67	1991	8	2
3-Aug-91	81.83	78.71	83.25	1991	8	3
4-Aug-91	83.67	80.38	83.42	1991	8	4
5-Aug-91	81.88	81.63	83.42	1991	8	5
6-Aug-91	83.63	82.42	83.17	1991	8	6
7-Aug-91	84	83.17	82.88	1991	8	7
8-Aug-91	84.79	83.79	84	1991	8	8
9-Aug-91	80.88	78.54	83.79	1991	8	9
10-Aug-91	80.88	78.88	85.04	1991	8	10
11-Aug-91	83.25	80.08	85.96	1991	8	11
12-Aug-91	83.04	78.46	84.42	1991	8	12
13-Aug-91	82.17	78.29	82.29	1991	8	13
14-Aug-91	83.71	77.54	84.13	1991	8	14
15-Aug-91	78.75	77.5	82.17	1991	8	15
16-Aug-91	81.04	79.79	83.42	1991	8	16
17-Aug-91	83.63	80.08	83.25	1991	8	17
18-Aug-91	81.5	81.79	82.17	1991	8	18
19-Aug-91	81.17	79.13	83.46	1991	8	19
20-Aug-91	77.29	81.33	79.04	1991	8	20
21-Aug-91	81.08	77.21	81.58	1991	8	21
22-Aug-91	79.42	77.04	79.25	1991	8	22
23-Aug-91	79.5	77.33	79.33	1991	8	23
24-Aug-91	78.13	77.21	77.58	1991	8	24
25-Aug-91	78.96	77	80	1991	8	25
26-Aug-91	81.58	79.08	82.5	1991	8	26
27-Aug-91	81.5	80	81.67	1991	8	27
28-Aug-91	80.04	81.38	79.54	1991	8	28
29-Aug-91	79.38	81.58	79.96	1991	8	29

30-Aug-91	80.17	80.08	78.33	1991	8	30
31-Aug-91	80.21	80.21	80.58	1991	8	31
1-Sep-91	82	80.38	79.83	1991	9	1
2-Sep-91	80.75	80.21	80.79	1991	9	2
3-Sep-91	80.42	78.21	80.25	1991	9	3
4-Sep-91	81.46	80.25	81	1991	9	4
5-Sep-91	82.5	80.42	81.96	1991	9	5
6-Sep-91	83	81.63	84.08	1991	9	6
7-Sep-91	82.13	82.67	82.88	1991	9	7
8-Sep-91	78.71	82.29	78.79	1991	9	8
9-Sep-91	79.38	79.42	78.38	1991	9	9
10-Sep-91	79.88	81.08	79.88	1991	9	10
11-Sep-91	80.88	80.58	80.5	1991	9	11
12-Sep-91	81.83	81.75	81.96	1991	9	12
13-Sep-91	81.96	82.71	81.54	1991	9	13
14-Sep-91	82.21	81.21	81.83	1991	9	14
15-Sep-91	82.54	81.79	83.63	1991	9	15
16-Sep-91	81.88	83.29	82.29	1991	9	16
17-Sep-91	81.04	81.38	81.46	1991	9	17
18-Sep-91	78.5	80.83	78.71	1991	9	18
19-Sep-91	82.08	80.46	80.92	1991	9	19
20-Sep-91	81.58	77.67	82.38	1991	9	20
21-Sep-91	79.67	73.5	81.42	1991	9	21
22-Sep-91	77.5	77.08	79.96	1991	9	22
23-Sep-91	80.42	78.21	81.46	1991	9	23
24-Sep-91	81.38	76.67	81.5	1991	9	24
25-Sep-91	79.04	75.46	80.29	1991	9	25
26-Sep-91	76.75	68.29	74.5	1991	9	26
27-Sep-91	75.29	68.13	73	1991	9	27
28-Sep-91	76.79	71.38	77.04	1991	9	28
29-Sep-91	75.67	73.5	78.08	1991	9	29
30-Sep-91	75.67	75.71	76.21	1991	9	30
1-Oct-91	74.33	73.92	75.21	1991	10	1
2-Oct-91	77.29	73.25	78.38	1991	10	2
3-Oct-91	76.75	72.75	81.58	1991	10	3
4-Oct-91	78.25	73.88	78.63	1991	10	4
5-Oct-91	78.54	73.79	80.04	1991	10	5
6-Oct-91	76.17	68.79	76.29	1991	10	6
7-Oct-91	69.13	59.54	68.96	1991	10	7
8-Oct-91	71.38	59.33	70.29	1991	10	8
9-Oct-91	74.29	68.21	74.21	1991	10	9
10-Oct-91	76.04	69.58	75.25	1991	10	10
11-Oct-91	75.08	66.75	73.54	1991	10	11
12-Oct-91	72.71	68.92	71.08	1991	10	12
13-Oct-91	73.17	71.29	73.58	1991	10	13
14-Oct-91	74.75	67.5	75.46	1991	10	14
15-Oct-91	72.79	68.96	73.75	1991	10	15

16-Oct-91	68.5	58.92	67.54	1991	10	16
17-Oct-91	65.83	56.04	64.29	1991	10	17
18-Oct-91	69.42	58.46	69.08	1991	10	18
19-Oct-91	71	60.83	70.88	1991	10	19
20-Oct-91	72.83	64.08	72.92	1991	10	20
21-Oct-91	75.33	68.42	75.5	1991	10	21
22-Oct-91	76.92	71	77.33	1991	10	22
23-Oct-91	76.54	74.83	77.38	1991	10	23
24-Oct-91	74.71	75.92	77.29	1991	10	24
25-Oct-91	76.79	76.79	76.75	1991	10	25
26-Oct-91	75.67	74.88	76.38	1991	10	26
27-Oct-91	74.92	73.96	76.04	1991	10	27
28-Oct-91	74.92	71.75	74.46	1991	10	28
29-Oct-91	72.75	70.46	72.71	1991	10	29
30-Oct-91	70.46	67.46	71.92	1991	10	30
31-Oct-91	66.71	64.63	67	1991	10	31
1-Nov-91	70	67.54	71.04	1991	11	1
2-Nov-91	73.38	54.88	72.79	1991	11	2
3-Nov-91	68.04	50.04	66.79	1991	11	3
4-Nov-91	57.46	43.67	57.13	1991	11	4
5-Nov-91	55.75	42.46	53.96	1991	11	5
6-Nov-91	65.83	44.96	63.79	1991	11	6
7-Nov-91	66.46	49.38	64.88	1991	11	7
8-Nov-91	63.63	48.75	62.5	1991	11	8
9-Nov-91	51.42	49.29	54.17	1991	11	9
10-Nov-91	50.67	50.42	51.54	1991	11	10
11-Nov-91	56.75	46.88	56.38	1991	11	11
12-Nov-91	59.63	47.13	56.46	1991	11	12
13-Nov-91	59.21	48.46	58.04	1991	11	13
14-Nov-91	65	52.08	64.04	1991	11	14
15-Nov-91	69.29	58.29	69.5	1991	11	15
16-Nov-91	68.25	61.67	70.08	1991	11	16
17-Nov-91	71.5	64.21	72.17	1991	11	17
18-Nov-91	70.04	68.67	72.33	1991	11	18
19-Nov-91	72.58	69.79	74.08	1991	11	19
20-Nov-91	72.29	68.96	74.13	1991	11	20
21-Nov-91	73.21	72.25	73.5	1991	11	21
22-Nov-91	74.38	61.13	71.83	1991	11	22
23-Nov-91	71.71	56	68.08	1991	11	23
24-Nov-91	60.17	46.88	57.5	1991	11	24
25-Nov-91	49.38	37.75	49.96	1991	11	25
26-Nov-91	52.71	41.75	51.25	1991	11	26
27-Nov-91	62.46	52.29	62.54	1991	11	27
28-Nov-91	68	60.5	67.71	1991	11	28
29-Nov-91	71.17	65.08	72.21	1991	11	29
30-Nov-91	75.08	70.25	76.17	1991	11	30
1-Dec-91	75	69.96	76.33	1991	12	1

2-Dec-91	77	70.33	74.83	1991	12	2
3-Dec-91	76.54	64.83	73.13	1991	12	3
4-Dec-91	52.13	44.71	52.79	1991	12	4
5-Dec-91	55.04	41.25	53.42	1991	12	5
6-Dec-91	63	48.29	61.54	1991	12	6
7-Dec-91	65.96	57.63	66.75	1991	12	7
8-Dec-91	68.63	66.58	69.88	1991	12	8
9-Dec-91	69.25	67.71	68.33	1991	12	9
10-Dec-91	68.75	63.83	68.71	1991	12	10
11-Dec-91	68.88	55.67	68.67	1991	12	11
12-Dec-91	69.92	62.08	71.71	1991	12	12
13-Dec-91	71.42	63.04	70.79	1991	12	13
14-Dec-91	72.75	66.46	71.83	1991	12	14
15-Dec-91	61.38	51.04	61.58	1991	12	15
16-Dec-91	52.79	41.92	53.17	1991	12	16
17-Dec-91	57	40.33	55	1991	12	17
18-Dec-91	58.75	46.58	57.79	1991	12	18
19-Dec-91	56.17	43.75	55.67	1991	12	19
20-Dec-91	64.79	48.21	60.29	1991	12	20
21-Dec-91	64	55.88	62.88	1991	12	21
22-Dec-91	62.92	53.25	61.54	1991	12	22
23-Dec-91	63.67	58.42	61.88	1991	12	23
24-Dec-91	66.71	58.21	66.08	1991	12	24
25-Dec-91	62.42	52.67	58.83	1991	12	25
26-Dec-91	65.67	56.71	64.17	1991	12	26
27-Dec-91	70.29	55	69.04	1991	12	27
28-Dec-91	69.5	60.54	68.71	1991	12	28
29-Dec-91	63.71	57.33	63.88	1991	12	29
30-Dec-91	56.5	46.38	56.04	1991	12	30
31-Dec-91	57.79	48.75	55.38	1991	12	31
1-Jan-92	63.96	53.17	62.79	1992	1	1
2-Jan-92	64.88	57.42	65.63	1992	1	2
3-Jan-92	60.13	54.17	59.96	1992	1	3
4-Jan-92	54.33	49.67	55.58	1992	1	4
5-Jan-92	56.92	49.96	55.33	1992	1	5
6-Jan-92	60.17	51.79	60.79	1992	1	6
7-Jan-92	56.46	45.46	59.13	1992	1	7
8-Jan-92	59.83	50.88	61.5	1992	1	8
9-Jan-92	65.5	64.63	67	1992	1	9
10-Jan-92	67.21	51.88	66.92	1992	1	10
11-Jan-92	52.42	41.13	54.25	1992	1	11
12-Jan-92	61.38	54.79	64	1992	1	12
13-Jan-92	69.25	66.54	70.42	1992	1	13
14-Jan-92	65.58	52.46	65.5	1992	1	14
15-Jan-92	48.04	38.13	49.58	1992	1	15
16-Jan-92	46.67	35.67	47.08	1992	1	16
17-Jan-92	47.54	37.38	47.63	1992	1	17

18-Jan-92	56.79	45.33	57.38	1992	1	18
19-Jan-92	54.83	42.88	58.13	1992	1	19
20-Jan-92	50.92	40.04	50.25	1992	1	20
21-Jan-92	52.25	40.96	51.92	1992	1	21
22-Jan-92	60.13	49.88	64.92	1992	1	22
23-Jan-92	67.58	60.29	67.04	1992	1	23
24-Jan-92	56.29	46.33	55.5	1992	1	24
25-Jan-92	51.96	39.71	48.79	1992	1	25
26-Jan-92	53.83	46.42	52.25	1992	1	26
27-Jan-92	63.04	59	62.75	1992	1	27
28-Jan-92	66.17	56.83	66.46	1992	1	28
29-Jan-92	67.04	55.83	68.25	1992	1	29
30-Jan-92	68.63	54.29	65.29	1992	1	30
31-Jan-92	61.42	57.96	59.58	1992	1	31
1-Feb-92	57.79	49.88	57.08	1992	2	1
2-Feb-92	54.33	44.67	54.54	1992	2	2
3-Feb-92	59.83	48.71	58.79	1992	2	3
4-Feb-92	61.83	51.33	63.29	1992	2	4
5-Feb-92	65.25	60.92	64.21	1992	2	5
6-Feb-92	59.96	49.29	58.96	1992	2	6
7-Feb-92	52.58	48.88	54.25	1992	2	7
8-Feb-92	54.58	43.21	53.08	1992	2	8
9-Feb-92	52.96	40	51.17	1992	2	9
10-Feb-92	61.33	50.71	60.54	1992	2	10
11-Feb-92	58.5	49.29	60.17	1992	2	11
12-Feb-92	58.38	51.08	56	1992	2	12
13-Feb-92	60.54	53	58.5	1992	2	13
14-Feb-92	64.88	62.46	63.08	1992	2	14
15-Feb-92	71.75	62.5	67.54	1992	2	15
16-Feb-92	69.33	68.5	66.83	1992	2	16
17-Feb-92	71.08	60.63	68.83	1992	2	17
18-Feb-92	70.92	60.54	70.67	1992	2	18
19-Feb-92	71.5	64.96	69.13	1992	2	19
20-Feb-92	64.83	55.92	66.92	1992	2	20
21-Feb-92	63.75	54.46	63.88	1992	2	21
22-Feb-92	69.54	60.58	70.58	1992	2	22
23-Feb-92	73.5	67.42	71.29	1992	2	23
24-Feb-92	72.29	66.33	70.17	1992	2	24
25-Feb-92	71	66.5	68.38	1992	2	25
26-Feb-92	68.96	59.46	67.5	1992	2	26
27-Feb-92	59.83	47.79	58.83	1992	2	27
28-Feb-92	59.04	50.71	59.46	1992	2	28
29-Feb-92	62.67	60.08	64.04	1992	2	29
1-Mar-92	65.67	58.58	63.67	1992	3	1
2-Mar-92	67.38	62.42	64.25	1992	3	2
3-Mar-92	68.29	61.29	66.08	1992	3	3
4-Mar-92	68.58	64.13	65.83	1992	3	4

5-Mar-92	72.04	66.33	72.08	1992	3	5
6-Mar-92	73.5	68.21	72.42	1992	3	6
7-Mar-92	72.08	71.21	71.83	1992	3	7
8-Mar-92	71.88	67.92	69.21	1992	3	8
9-Mar-92	70.92	64.79	68.25	1992	3	9
10-Mar-92	73	63.13	69.54	1992	3	10
11-Mar-92	57.54	43.67	55.71	1992	3	11
12-Mar-92	50.42	46.88	49.63	1992	3	12
13-Mar-92	58.33	52.71	58	1992	3	13
14-Mar-92	58.79	53	56.63	1992	3	14
15-Mar-92	63.75	59.83	61.33	1992	3	15
16-Mar-92	59	52.96	62.92	1992	3	16
17-Mar-92	60.71	54.42	59.75	1992	3	17
18-Mar-92	67.67	62.71	66.67	1992	3	18
19-Mar-92	73.25	70.08	71.54	1992	3	19
20-Mar-92	66.04	55.46	63.54	1992	3	20
21-Mar-92	60.17	51.21	58.33	1992	3	21
22-Mar-92	62.17	55.29	59.54	1992	3	22
23-Mar-92	68.92	57.63	66.17	1992	3	23
24-Mar-92	64.96	54.08	64.83	1992	3	24
25-Mar-92	67.25	56.67	68.08	1992	3	25
26-Mar-92	64.88	61.54	64.13	1992	3	26
27-Mar-92	65.42	62.38	63.42	1992	3	27
28-Mar-92	64.79	57.08	64.46	1992	3	28
29-Mar-92	65.54	58.67	64.08	1992	3	29
30-Mar-92	69.79	66.79	68.46	1992	3	30
31-Mar-92	69.5	60	65.13	1992	3	31
1-Apr-92	65.04	57.13	61.58	1992	4	1
2-Apr-92	65.5	52.96	64.17	1992	4	2
3-Apr-92	59.83	52.79	58.25	1992	4	3
4-Apr-92	59.13	53.71	58.13	1992	4	4
5-Apr-92	61.08	59.79	66.92	1992	4	5
6-Apr-92	64.33	58.79	65.46	1992	4	6
7-Apr-92	67.96	65.08	67.13	1992	4	7
8-Apr-92	70.88	68.42	71.29	1992	4	8
9-Apr-92	70.67	65.08	71.83	1992	4	9
10-Apr-92	74.54	68.46	74.13	1992	4	10
11-Apr-92	73.75	68.92	74.67	1992	4	11
12-Apr-92	69.21	70.38	70.42	1992	4	12
13-Apr-92	68.38	69.71	71.04	1992	4	13
14-Apr-92	68.96	66.13	70.63	1992	4	14
15-Apr-92	69.29	65.33	70.63	1992	4	15
16-Apr-92	70.25	66.46	71.63	1992	4	16
17-Apr-92	70.58	69	72.75	1992	4	17
18-Apr-92	72.71	68	74.17	1992	4	18
19-Apr-92	71.46	67.71	69.88	1992	4	19
20-Apr-92	73.92	71.92	74.21	1992	4	20

21-Apr-92	71.71	75.25	73.96	1992	4	21
22-Apr-92	76.58	70.5	76.46	1992	4	22
23-Apr-92	75	69.96	76.17	1992	4	23
24-Apr-92	77.46	73.33	74.67	1992	4	24
25-Apr-92	75.88	75.33	73.38	1992	4	25
26-Apr-92	70	62.33	67.63	1992	4	26
27-Apr-92	61.71	54.25	61	1992	4	27
28-Apr-92	61.17	54.08	60.25	1992	4	28
29-Apr-92	62.75	56.79	60.58	1992	4	29
30-Apr-92	64.21	62.71	64.58	1992	4	30
1-May-92	69.92	71.33	68.25	1992	5	1
2-May-92	71.88	73.04	70.67	1992	5	2
3-May-92	72.88	74.38	70.29	1992	5	3
4-May-92	73	73.79	72.08	1992	5	4
5-May-92	74.71	71.42	71.79	1992	5	5
6-May-92	74.75	61.08	72.17	1992	5	6
7-May-92	62.33	54.83	64.46	1992	5	7
8-May-92	61.42	56.96	64	1992	5	8
9-May-92	68.08	64.71	66.83	1992	5	9
10-May-92	71.83	67.5	70.63	1992	5	10
11-May-92	73.5	70.17	73.17	1992	5	11
12-May-92	73.33	72.17	74.04	1992	5	12
13-May-92	75	73.92	73.33	1992	5	13
14-May-92	74.42	73.67	75.88	1992	5	14
15-May-92	75.54	73.96	75.38	1992	5	15
16-May-92	76.54	74.88	78.54	1992	5	16
17-May-92	75.79	77.13	75.79	1992	5	17
18-May-92	75.29	76.83	76.83	1992	5	18
19-May-92	74.46	76.38	76.75	1992	5	19
20-May-92	74.71	74.75	76.38	1992	5	20
21-May-92	74.79	73.21	76.75	1992	5	21
22-May-92	74.5	77.08	76.88	1992	5	22
23-May-92	75.42	74.58	76.29	1992	5	23
24-May-92	76.71	76.46	75.17	1992	5	24
25-May-92	77.46	74.46	76.79	1992	5	25
26-May-92	77.58	75.96	78.46	1992	5	26
27-May-92	76.33	73.83	78.79	1992	5	27
28-May-92	75.46	72.25	77.71	1992	5	28
29-May-92	77.17	73.21	78.42	1992	5	29
30-May-92	77.54	73.83	79.13	1992	5	30
31-May-92	80.29	75.04	79.92	1992	5	31
1-Jun-92	80.5	71.08	79.54	1992	6	1
2-Jun-92	78.08	73.5	81.46	1992	6	2
3-Jun-92	76.04	72.08	77.54	1992	6	3
4-Jun-92	79.75	79.29	80.75	1992	6	4
5-Jun-92	80.38	79.92	83.04	1992	6	5
6-Jun-92	77.54	78.75	80.88	1992	6	6

7-Jun-92	79.25	80.96	80.67	1992	6	7
8-Jun-92	79.83	77.58	81.21	1992	6	8
9-Jun-92	81.17	76.79	80.79	1992	6	9
10-Jun-92	81.38	79.08	82.33	1992	6	10
11-Jun-92	82.21	78.13	83.83	1992	6	11
12-Jun-92	80.29	77.29	82.88	1992	6	12
13-Jun-92	77.92	76.46	82.42	1992	6	13
14-Jun-92	79.54	75	79.71	1992	6	14
15-Jun-92	78.38	74.38	81.46	1992	6	15
16-Jun-92	79.75	80.42	79.92	1992	6	16
17-Jun-92	80	81.08	81.25	1992	6	17
18-Jun-92	80.04	80.5	80.04	1992	6	18
19-Jun-92	80.04	81.21	81.75	1992	6	19
20-Jun-92	80.38	81.96	83.04	1992	6	20
21-Jun-92	81.71	81.21	84.83	1992	6	21
22-Jun-92	82.46	80.38	84.88	1992	6	22
23-Jun-92	80.04	78.83	82.79	1992	6	23
24-Jun-92	76.46	78.58	77.13	1992	6	24
25-Jun-92	77.08	80.5	76.96	1992	6	25
26-Jun-92	79.29	79.79	81.58	1992	6	26
27-Jun-92	77.38	79.67	80	1992	6	27
28-Jun-92	75.42	77.63	79.29	1992	6	28
29-Jun-92	77.38	75.04	80.04	1992	6	29
30-Jun-92	79.46	74.08	82.13	1992	6	30
1-Jul-92	83.54	77.92	83.88	1992	7	1
2-Jul-92	85.17	82.46	83.88	1992	7	2
3-Jul-92	85.08	83.29	83.54	1992	7	3
4-Jul-92	86.92	83.67	85	1992	7	4
5-Jul-92	86.17	83.17	85.75	1992	7	5
6-Jul-92	84.33	84.21	84.33	1992	7	6
7-Jul-92	82.04	84.67	85.71	1992	7	7
8-Jul-92	84.17	83.67	84.33	1992	7	8
9-Jul-92	85.67	82.88	85.08	1992	7	9
10-Jul-92	83.71	84.38	84.38	1992	7	10
11-Jul-92	83.38	84.75	84.29	1992	7	11
12-Jul-92	83.54	83.63	82.5	1992	7	12
13-Jul-92	79.83	82.21	80.75	1992	7	13
14-Jul-92	80.46	77.75	82	1992	7	14
15-Jul-92	81.04	76.17	81.08	1992	7	15
16-Jul-92	82.88	75.5	83.08	1992	7	16
17-Jul-92	81.96	78.54	81.75	1992	7	17
18-Jul-92	80.13	80.63	80.5	1992	7	18
19-Jul-92	77.58	79.17	80	1992	7	19
20-Jul-92	79.75	78.46	82.46	1992	7	20
21-Jul-92	82.13	78.54	81.17	1992	7	21
22-Jul-92	82.17	80	79.67	1992	7	22
23-Jul-92	81.92	79.54	80.5	1992	7	23

24-Jul-92	82	80.63	80.25	1992	7	24
25-Jul-92	83.54	79.79	82.71	1992	7	25
26-Jul-92	85.04	81.58	83.75	1992	7	26
27-Jul-92	84.54	82.29	82.92	1992	7	27
28-Jul-92	84.29	81.63	84	1992	7	28
29-Jul-92	84.5	82.21	83.71	1992	7	29
30-Jul-92	83.04	78.5	83.04	1992	7	30
31-Jul-92	81.71	79.33	83.88	1992	7	31
1-Aug-92	81.13	82.38	82.63	1992	8	1
2-Aug-92	80.21	79.96	81.58	1992	8	2
3-Aug-92	78.63	78.38	81.21	1992	8	3
4-Aug-92	77.42	78.13	81.17	1992	8	4
5-Aug-92	78.71	77.5	81.25	1992	8	5
6-Aug-92	79.67	80.75	80.63	1992	8	6
7-Aug-92	80.21	79.21	78.67	1992	8	7
8-Aug-92	79.25	79.83	79.04	1992	8	8
9-Aug-92	78.5	78.29	77.08	1992	8	9
10-Aug-92	80.04	80.13	79.5	1992	8	10
11-Aug-92	79.88	79.46	79.04	1992	8	11
12-Aug-92	76.83	77.58	78.96	1992	8	12
13-Aug-92	79.96	74.58	82.5	1992	8	13
14-Aug-92	78.29	75.75	81	1992	8	14
15-Aug-92	78.79	76.71	79.5	1992	8	15
16-Aug-92	79.25	76.42	79.33	1992	8	16
17-Aug-92	81.04	76.04	80.29	1992	8	17
18-Aug-92	79.54	77.67	82.5	1992	8	18
19-Aug-92	80.54	74.92	83.96	1992	8	19
20-Aug-92	79.79	76.88	83.17	1992	8	20
21-Aug-92	81.67	76.88	81.42	1992	8	21
22-Aug-92	80.96	77.83	81.08	1992	8	22
23-Aug-92	80.79	79.92	81.17	1992	8	23
24-Aug-92	82.79	79.96	81	1992	8	24
25-Aug-92	83.04	83.25	84.33	1992	8	25
26-Aug-92	81.71	79.63	83.67	1992	8	26
27-Aug-92	82.17	78.13	83.04	1992	8	27
28-Aug-92	77.79	78.71	79.42	1992	8	28
29-Aug-92	75.63	76.46	75.79	1992	8	29
30-Aug-92	77.58	74.46	79.29	1992	8	30
31-Aug-92	80.17	72.75	81.29	1992	8	31
1-Sep-92	79.79	75.42	80.33	1992	9	1
2-Sep-92	80.58	76.25	79.08	1992	9	2
3-Sep-92	78.38	77.21	78.29	1992	9	3
4-Sep-92	78.75	78	77.79	1992	9	4
5-Sep-92	82.63	76.92	80.21	1992	9	5
6-Sep-92	80.33	75.54	82.13	1992	9	6
7-Sep-92	80.54	77.71	81.67	1992	9	7
8-Sep-92	78.25	78.75	78.83	1992	9	8

9-Sep-92	79.5	79.38	79.63	1992	9	9
10-Sep-92	77.5	78.5	81.04	1992	9	10
11-Sep-92	78.17	80.25	81.88	1992	9	11
12-Sep-92	80.17	80.17	81.29	1992	9	12
13-Sep-92	77.54	79.63	78.92	1992	9	13
14-Sep-92	76.42	75.42	78.79	1992	9	14
15-Sep-92	80.42	79.17	79.25	1992	9	15
16-Sep-92	79.92	79.54	80.96	1992	9	16
17-Sep-92	78.96	78.88	80.67	1992	9	17
18-Sep-92	78.96	77.88	79.58	1992	9	18
19-Sep-92	78.29	77.75	78.67	1992	9	19
20-Sep-92	80.42	77.58	80.58	1992	9	20
21-Sep-92	80.96	78.17	82.08	1992	9	21
22-Sep-92	82.25	77.33	82.79	1992	9	22
23-Sep-92	79.79	77.5	80.88	1992	9	23
24-Sep-92	79.13	72.29	80.83	1992	9	24
25-Sep-92	79.33	70.13	81.13	1992	9	25
26-Sep-92	79	72.71	82.08	1992	9	26
27-Sep-92	80.17	76.79	82.13	1992	9	27
28-Sep-92	77.29	78	79.88	1992	9	28
29-Sep-92	76.46	76.67	79.13	1992	9	29
30-Sep-92	75.33	71.54	76	1992	9	30
1-Oct-92	74.58	66	72.17	1992	10	1
2-Oct-92	71.04	64.88	69.46	1992	10	2
3-Oct-92	75.54	70.79	77.67	1992	10	3
4-Oct-92	77.25	69.92	79.67	1992	10	4
5-Oct-92	66.04	63.17	72.42	1992	10	5
6-Oct-92	66.29	64.58	68.79	1992	10	6
7-Oct-92	75.04	68.5	72.83	1992	10	7
8-Oct-92	78.71	70.13	76.08	1992	10	8
9-Oct-92	78.67	71.71	77.42	1992	10	9
10-Oct-92	77.88	68.67	77.71	1992	10	10
11-Oct-92	73.5	68.42	74.63	1992	10	11
12-Oct-92	69.79	57.21	68.75	1992	10	12
13-Oct-92	68.13	60.42	66.17	1992	10	13
14-Oct-92	71.75	64.04	71.33	1992	10	14
15-Oct-92	73.88	66.13	73.46	1992	10	15
16-Oct-92	74.71	68.5	73.58	1992	10	16
17-Oct-92	74.29	70.54	73.13	1992	10	17
18-Oct-92	73.42	66	73.17	1992	10	18
19-Oct-92	65.92	55.17	67.42	1992	10	19
20-Oct-92	67.46	58.83	68.29	1992	10	20
21-Oct-92	70.33	64.75	70.08	1992	10	21
22-Oct-92	70.42	64.04	71.67	1992	10	22
23-Oct-92	67.33	62.13	70.46	1992	10	23
24-Oct-92	69	58.71	67.04	1992	10	24
25-Oct-92	70	65.46	66.92	1992	10	25

26-Oct-92	70.46	65.38	70.92	1992	10	26
27-Oct-92	72.67	66.42	71	1992	10	27
28-Oct-92	73.33	68.29	71.63	1992	10	28
29-Oct-92	73.25	68.21	70.13	1992	10	29
30-Oct-92	73.75	67.71	72.38	1992	10	30
31-Oct-92	74.42	68.71	73.04	1992	10	31
1-Nov-92	74	69.67	75.46	1992	11	1
2-Nov-92	76.17	71.54	75.88	1992	11	2
3-Nov-92	77.08	72.21	76.75	1992	11	3
4-Nov-92	78.29	74.21	77.25	1992	11	4
5-Nov-92	78.13	63.83	77.08	1992	11	5
6-Nov-92	69.58	50.58	67.5	1992	11	6
7-Nov-92	59.08	47.46	58.08	1992	11	7
8-Nov-92	62.17	51.54	59.83	1992	11	8
9-Nov-92	71.67	59.13	70.54	1992	11	9
10-Nov-92	73.08	63.38	73.75	1992	11	10
11-Nov-92	74	65.96	75.5	1992	11	11
12-Nov-92	75.96	71.04	75.92	1992	11	12
13-Nov-92	71.79	57.92	69.54	1992	11	13
14-Nov-92	60.54	49.38	59.63	1992	11	14
15-Nov-92	60	51.88	58.42	1992	11	15
16-Nov-92	61.46	52.04	60.42	1992	11	16
17-Nov-92	64.96	52.67	63.79	1992	11	17
18-Nov-92	68.67	60.96	68.71	1992	11	18
19-Nov-92	70.5	67.71	70.88	1992	11	19
20-Nov-92	73.75	69.42	72.75	1992	11	20
21-Nov-92	74	70.96	76.25	1992	11	21
22-Nov-92	75.58	73.29	75.83	1992	11	22
23-Nov-92	75.67	70.08	75.88	1992	11	23
24-Nov-92	77.13	70.5	77.13	1992	11	24
25-Nov-92	77.96	73.25	77.71	1992	11	25
26-Nov-92	76.79	61.88	77.13	1992	11	26
27-Nov-92	66.21	52.29	64.5	1992	11	27
28-Nov-92	55.04	41.5	55.38	1992	11	28
29-Nov-92	51	40.75	51.33	1992	11	29
30-Nov-92	52.96	42.92	51	1992	11	30
1-Dec-92	53.46	45.13	54.38	1992	12	1
2-Dec-92	55.54	49.92	57.13	1992	12	2
3-Dec-92	54.38	42.13	52.96	1992	12	3
4-Dec-92	61	47.75	59.5	1992	12	4
5-Dec-92	61.33	52.75	61.04	1992	12	5
6-Dec-92	60	50	60.83	1992	12	6
7-Dec-92	66.88	58.75	67.21	1992	12	7
8-Dec-92	62.71	47.25	64.79	1992	12	8
9-Dec-92	59.88	49.17	61.21	1992	12	9
10-Dec-92	64.38	59.17	65.75	1992	12	10
11-Dec-92	55.08	49.79	57.42	1992	12	11

12-Dec-92	49.25	43.38	50.88	1992	12	12
13-Dec-92	53.25	43.33	51.83	1992	12	13
14-Dec-92	59.38	53.46	60.33	1992	12	14
15-Dec-92	64.08	58.75	63.67	1992	12	15
16-Dec-92	67.79	63.75	69	1992	12	16
17-Dec-92	68.83	63.58	70.08	1992	12	17
18-Dec-92	68.21	55.79	69.21	1992	12	18
19-Dec-92	67.63	61.58	70.17	1992	12	19
20-Dec-92	68.54	65.83	69.17	1992	12	20
21-Dec-92	68.71	65.08	67.42	1992	12	21
22-Dec-92	69.71	62.79	70.42	1992	12	22
23-Dec-92	70.63	63.42	69.75	1992	12	23
24-Dec-92	67.83	60.17	68.83	1992	12	24
25-Dec-92	66.33	55.67	67.83	1992	12	25
26-Dec-92	68.67	58.13	68.46	1992	12	26
27-Dec-92	66.63	53.54	68.83	1992	12	27
28-Dec-92	57.79	50.29	63.67	1992	12	28
29-Dec-92	56.08	50.71	58.75	1992	12	29
30-Dec-92	60.33	55.13	59.46	1992	12	30
31-Dec-92	66.54	61.42	67.67	1992	12	31
1-Jan-93	68.5	65.46	70.88	1993	1	1
2-Jan-93	68.46	62.63	70.58	1993	1	2
3-Jan-93	70.46	63.96	70.79	1993	1	3
4-Jan-93	72.08	66.08	71.96	1993	1	4
5-Jan-93	73.21	71.29	72.5	1993	1	5
6-Jan-93	70.29	67	69.21	1993	1	6
7-Jan-93	71.33	67.67	71.33	1993	1	7
8-Jan-93	72.67	66.88	70.58	1993	1	8
9-Jan-93	67.13	62.38	68.17	1993	1	9
10-Jan-93	68.71	59.25	69.17	1993	1	10
11-Jan-93	71.63	58.04	73.58	1993	1	11
12-Jan-93	73.29	67.58	74.21	1993	1	12
13-Jan-93	72.88	65.83	72.83	1993	1	13
14-Jan-93	60.33	52.29	63.54	1993	1	14
15-Jan-93	61.83	47.08	60.92	1993	1	15
16-Jan-93	57.46	51.5	60.67	1993	1	16
17-Jan-93	54.17	47.75	55.25	1993	1	17
18-Jan-93	56.96	53.13	58.83	1993	1	18
19-Jan-93	63	58.13	64.92	1993	1	19
20-Jan-93	66.25	55.67	66.79	1993	1	20
21-Jan-93	69.96	61.08	70.04	1993	1	21
22-Jan-93	70.33	64.88	68.83	1993	1	22
23-Jan-93	68.17	54.25	69.71	1993	1	23
24-Jan-93	69.08	58.58	69.92	1993	1	24
25-Jan-93	62.83	49.75	62.25	1993	1	25
26-Jan-93	56.83	47.33	56.13	1993	1	26
27-Jan-93	50.38	49.29	52.46	1993	1	27

28-Jan-93	55.42	46.08	55.21	1993	1	28
29-Jan-93	60.79	51.63	60.33	1993	1	29
30-Jan-93	63.08	52.75	62.38	1993	1	30
31-Jan-93	60.13	48.42	59.96	1993	1	31
1-Feb-93	58.21	54.75	58.92	1993	2	1
2-Feb-93	56.63	49.75	57.38	1993	2	2
3-Feb-93	55.67	48.17	56.33	1993	2	3
4-Feb-93	59.79	52.08	60.08	1993	2	4
5-Feb-93	63.88	58	61.71	1993	2	5
6-Feb-93	62.13	54.38	62.75	1993	2	6
7-Feb-93	63.5	54.58	62.75	1993	2	7
8-Feb-93	57.67	51.71	57.5	1993	2	8
9-Feb-93	58	50.42	54.79	1993	2	9
10-Feb-93	62.21	58.33	60.42	1993	2	10
11-Feb-93	65.58	60.46	65.88	1993	2	11
12-Feb-93	67.92	60.79	67.88	1993	2	12
13-Feb-93	57.63	50.96	58.63	1993	2	13
14-Feb-93	57.08	49.5	55.92	1993	2	14
15-Feb-93	60.04	53.42	60.33	1993	2	15
16-Feb-93	69.17	61.33	68.04	1993	2	16
17-Feb-93	63.29	51.75	66.08	1993	2	17
18-Feb-93	56.42	44.67	56.83	1993	2	18
19-Feb-93	48.63	39.71	48.17	1993	2	19
20-Feb-93	59.25	47.21	55.33	1993	2	20
21-Feb-93	64.42	60.54	62.46	1993	2	21
22-Feb-93	66.33	65.75	66.21	1993	2	22
23-Feb-93	58.58	53.29	60.17	1993	2	23
24-Feb-93	54	47.63	55.67	1993	2	24
25-Feb-93	59.29	56.04	61.04	1993	2	25
26-Feb-93	64.54	58.88	64.21	1993	2	26
27-Feb-93	54.67	49.38	55.75	1993	2	27
28-Feb-93	54.42	50.13	53.92	1993	2	28
1-Mar-93	56.33	50.29	57.38	1993	3	1
2-Mar-93	61.88	56.88	62	1993	3	2
3-Mar-93	70.71	60.79	70.67	1993	3	3
4-Mar-93	64.67	56.79	64	1993	3	4
5-Mar-93	61.08	51.63	62.96	1993	3	5
6-Mar-93	60.13	52.17	60.79	1993	3	6
7-Mar-93	61.58	56.83	60.71	1993	3	7
8-Mar-93	61.21	57.67	60.96	1993	3	8
9-Mar-93	67.08	62.46	65.25	1993	3	9
10-Mar-93	67.25	62.17	63.13	1993	3	10
11-Mar-93	65.5	61.75	63.25	1993	3	11
12-Mar-93	70.04	61.5	67.63	1993	3	12
13-Mar-93	55.46	42.71	54.83	1993	3	13
14-Mar-93	41.67	36.42	44.04	1993	3	14
15-Mar-93	46.42	41.04	46.96	1993	3	15

16-Mar-93	60.63	54.38	61.5	1993	3	16
17-Mar-93	66.38	58.25	66.83	1993	3	17
18-Mar-93	61.54	57.13	60.96	1993	3	18
19-Mar-93	62.83	54.13	59.13	1993	3	19
20-Mar-93	64.42	58	64.83	1993	3	20
21-Mar-93	64.88	66.21	66.17	1993	3	21
22-Mar-93	69.25	67.21	69.29	1993	3	22
23-Mar-93	71.46	68.67	72.25	1993	3	23
24-Mar-93	69.08	67.67	70.13	1993	3	24
25-Mar-93	67.96	66.17	71.83	1993	3	25
26-Mar-93	71.21	68.67	70.58	1993	3	26
27-Mar-93	69.33	61.38	68.21	1993	3	27
28-Mar-93	64.5	64.29	64.42	1993	3	28
29-Mar-93	68.42	66.92	65.71	1993	3	29
30-Mar-93	71.92	63.92	70.46	1993	3	30
31-Mar-93	74.38	69.92	73.54	1993	3	31
1-Apr-93	71.67	66.13	70.67	1993	4	1
2-Apr-93	66.13	56.71	66.33	1993	4	2
3-Apr-93	61.92	52.79	61	1993	4	3
4-Apr-93	69	61.67	69.88	1993	4	4
5-Apr-93	71.38	65.67	69.96	1993	4	5
6-Apr-93	63.04	59.63	64.63	1993	4	6
7-Apr-93	61.96	60.38	64.67	1993	4	7
8-Apr-93	66.46	64.38	69.29	1993	4	8
9-Apr-93	69.29	68.04	68.33	1993	4	9
10-Apr-93	64.54	62.58	64.04	1993	4	10
11-Apr-93	67.5	65.33	65.63	1993	4	11
12-Apr-93	69.58	65	66.38	1993	4	12
13-Apr-93	72.33	69.17	67.88	1993	4	13
14-Apr-93	72.79	65.88	71.21	1993	4	14
15-Apr-93	73.63	68.25	71.83	1993	4	15
16-Apr-93	69.96	61.58	66.88	1993	4	16
17-Apr-93	63.58	59.21	60.96	1993	4	17
18-Apr-93	66.38	64.42	64.79	1993	4	18
19-Apr-93	66.38	60.58	67	1993	4	19
20-Apr-93	69.42	61.58	69.17	1993	4	20
21-Apr-93	72.13	62.04	69.17	1993	4	21
22-Apr-93	61.92	54.63	60.42	1993	4	22
23-Apr-93	62.75	54.58	60.08	1993	4	23
24-Apr-93	67.46	58.71	67.63	1993	4	24
25-Apr-93	72.79	66.75	74.67	1993	4	25
26-Apr-93	74.92	68.83	74.79	1993	4	26
27-Apr-93	69.17	66.13	71.79	1993	4	27
28-Apr-93	66.58	65.21	66.88	1993	4	28
29-Apr-93	67.54	62.96	68.75	1993	4	29
30-Apr-93	68.29	65.75	68.92	1993	4	30
1-May-93	69.42	68.08	71.79	1993	5	1

2-May-93	72.04	71.71	74.5	1993	5	2
3-May-93	72.46	70.75	74.33	1993	5	3
4-May-93	76.58	74.5	76.46	1993	5	4
5-May-93	75.92	72.54	76.42	1993	5	5
6-May-93	76.46	74.08	75.75	1993	5	6
7-May-93	74.96	74.63	77	1993	5	7
8-May-93	74.96	76.96	76.75	1993	5	8
9-May-93	72.63	76.04	76.75	1993	5	9
10-May-93	72.96	74.21	75.5	1993	5	10
11-May-93	72.79	71.13	73.71	1993	5	11
12-May-93	76.38	70.75	75.75	1993	5	12
13-May-93	75.54	74.63	75.79	1993	5	13
14-May-93	74.71	70.46	74	1993	5	14
15-May-93	74.58	73.42	74.13	1993	5	15
16-May-93	77.04	75.21	73.63	1993	5	16
17-May-93	77.17	76	74.08	1993	5	17
18-May-93	79.17	75.29	75.33	1993	5	18
19-May-93	77.17	71.5	73.67	1993	5	19
20-May-93	76.79	72.5	74.5	1993	5	20
21-May-93	74.96	68.29	74.08	1993	5	21
22-May-93	71.13	65.5	71.75	1993	5	22
23-May-93	72.08	68.29	74.79	1993	5	23
24-May-93	74.17	73.58	77.71	1993	5	24
25-May-93	74.08	75.96	77.92	1993	5	25
26-May-93	75.42	75.54	77.88	1993	5	26
27-May-93	74.67	77.46	77.04	1993	5	27
28-May-93	75.96	76.75	75.29	1993	5	28
29-May-93	75.58	74.83	77.67	1993	5	29
30-May-93	75.5	76.58	77.04	1993	5	30
31-May-93	78.54	78.71	78.63	1993	5	31
1-Jun-93	80.42	74.96	79.88	1993	6	1
2-Jun-93	79.54	78.13	79.83	1993	6	2
3-Jun-93	80.63	75.63	78.33	1993	6	3
4-Jun-93	80.88	80.63	78.5	1993	6	4
5-Jun-93	82.46	81.67	80.83	1993	6	5
6-Jun-93	82.42	83.75	80.33	1993	6	6
7-Jun-93	84.54	83.13	81.58	1993	6	7
8-Jun-93	83.63	79.96	84.08	1993	6	8
9-Jun-93	83.04	81.58	84.92	1993	6	9
10-Jun-93	82.79	79.83	84.63	1993	6	10
11-Jun-93	82.54	80.67	83.29	1993	6	11
12-Jun-93	78.83	79.46	80.33	1993	6	12
13-Jun-93	80.88	81.46	79.79	1993	6	13
14-Jun-93	78.79	79.92	80.63	1993	6	14
15-Jun-93	79.83	81.21	81.08	1993	6	15
16-Jun-93	79.5	83.25	81.71	1993	6	16
17-Jun-93	78.92	82.08	81.5	1993	6	17

18-Jun-93	78.25	81.21	81.46	1993	6	18
19-Jun-93	79.5	80.67	82.17	1993	6	19
20-Jun-93	78.83	80.71	80.04	1993	6	20
21-Jun-93	80.63	78.83	80.29	1993	6	21
22-Jun-93	79.38	80.5	80.88	1993	6	22
23-Jun-93	79.13	78.83	79.88	1993	6	23
24-Jun-93	79.63	78.96	78.04	1993	6	24
25-Jun-93	78.67	75.13	78.83	1993	6	25
26-Jun-93	77.63	77.13	80	1993	6	26
27-Jun-93	77.46	78.33	81.88	1993	6	27
28-Jun-93	77.71	79.79	84.63	1993	6	28
29-Jun-93	79.42	78.71	83	1993	6	29
30-Jun-93	78.96	77	79.5	1993	6	30
1-Jul-93	80.13	79.83	81.04	1993	7	1
2-Jul-93	78.83	80.79	80.29	1993	7	2
3-Jul-93	80.67	81.29	81.79	1993	7	3
4-Jul-93	84.42	79.75	83.29	1993	7	4
5-Jul-93	81.13	82.67	83.67	1993	7	5
6-Jul-93	82.21	81.17	84.04	1993	7	6
7-Jul-93	80.38	78.54	79.92	1993	7	7
8-Jul-93	79.5	79.33	80.54	1993	7	8
9-Jul-93	82.46	81.29	82.21	1993	7	9
10-Jul-93	79.88	77.46	80.67	1993	7	10
11-Jul-93	80.38	75.96	81.88	1993	7	11
12-Jul-93	79.79	78.67	78.67	1993	7	12
13-Jul-93	82.13	78.42	81.13	1993	7	13
14-Jul-93	77.63	78.17	80.88	1993	7	14
15-Jul-93	79.33	80.29	79.67	1993	7	15
16-Jul-93	81.83	81.79	81.96	1993	7	16
17-Jul-93	83.25	84.71	84.08	1993	7	17
18-Jul-93	85	83.08	85.42	1993	7	18
19-Jul-93	85.71	84.25	84.96	1993	7	19
20-Jul-93	81.33	82.38	84.5	1993	7	20
21-Jul-93	81.25	80.08	84.54	1993	7	21
22-Jul-93	81.17	78.21	85.83	1993	7	22
23-Jul-93	80.54	81.58	84.5	1993	7	23
24-Jul-93	81.71	81.83	82.71	1993	7	24
25-Jul-93	84.25	83.79	84.63	1993	7	25
26-Jul-93	82.5	84.96	84.5	1993	7	26
27-Jul-93	82	84.88	83.67	1993	7	27
28-Jul-93	82.75	84.29	84.29	1993	7	28
29-Jul-93	86.21	85.88	86.17	1993	7	29
30-Jul-93	84.58	83.58	87.63	1993	7	30
31-Jul-93	82.46	81.88	87.58	1993	7	31
1-Aug-93	84.25	81.75	84.88	1993	8	1
2-Aug-93	83.88	78.13	83.04	1993	8	2
3-Aug-93	83.96	79.54	83.75	1993	8	3

4-Aug-93	84.83	79.33	84.75	1993	8	4
5-Aug-93	85.04	79.04	86.13	1993	8	5
6-Aug-93	84.63	81.17	85.63	1993	8	6
7-Aug-93	83.88	82.96	86.04	1993	8	7
8-Aug-93	82.83	82.33	85.5	1993	8	8
9-Aug-93	82.46	81.88	84.21	1993	8	9
10-Aug-93	79.88	82.5	81.42	1993	8	10
11-Aug-93	81.33	80.88	82.63	1993	8	11
12-Aug-93	82.04	81.21	83.5	1993	8	12
13-Aug-93	83.21	79.46	83.92	1993	8	13
14-Aug-93	79.88	79.58	82.29	1993	8	14
15-Aug-93	79.83	83.75	81.96	1993	8	15
16-Aug-93	82.63	83.83	83.21	1993	8	16
17-Aug-93	81.63	82.88	81.17	1993	8	17
18-Aug-93	82.75	84.33	82.83	1993	8	18
19-Aug-93	85.38	82.71	85.25	1993	8	19
20-Aug-93	83.25	80.88	85.71	1993	8	20
21-Aug-93	82.54	83.88	84.88	1993	8	21
22-Aug-93	82.17	84.75	85.17	1993	8	22
23-Aug-93	82.21	82.25	85.17	1993	8	23
24-Aug-93	80	84.75	83.13	1993	8	24
25-Aug-93	77.96	84.88	78.96	1993	8	25
26-Aug-93	76.92	80.75	78.75	1993	8	26
27-Aug-93	77.46	79	79.08	1993	8	27
28-Aug-93	76.29	80.42	79.13	1993	8	28
29-Aug-93	75.38	80	78	1993	8	29
30-Aug-93	76.38	78.88	77.08	1993	8	30
31-Aug-93	76.67	79.75	79.42	1993	8	31
1-Sep-93	79.58	78.29	82.13	1993	9	1
2-Sep-93	79.92	81.17	79.54	1993	9	2
3-Sep-93	81.54	80.33	82.13	1993	9	3
4-Sep-93	82.25	79.46	82.13	1993	9	4
5-Sep-93	80.08	78.42	81.92	1993	9	5
6-Sep-93	77.79	78.21	79.25	1993	9	6
7-Sep-93	78.25	76.33	80.67	1993	9	7
8-Sep-93	77.58	76.75	78.13	1993	9	8
9-Sep-93	78.88	77.13	82.04	1993	9	9
10-Sep-93	78.25	79.46	83.04	1993	9	10
11-Sep-93	77.29	78.63	81.38	1993	9	11
12-Sep-93	78.75	78.46	79.21	1993	9	12
13-Sep-93	80.25	80.79	79.46	1993	9	13
14-Sep-93	77.13	80.96	78.63	1993	9	14
15-Sep-93	80.29	79.92	79.46	1993	9	15
16-Sep-93	81.29	79.75	81.08	1993	9	16
17-Sep-93	81.13	77.58	82.75	1993	9	17
18-Sep-93	81.13	79.92	83.21	1993	9	18
19-Sep-93	81.04	81.5	83.38	1993	9	19

20-Sep-93	80.38	78.63	83	1993	9	20
21-Sep-93	81.21	80.92	81.13	1993	9	21
22-Sep-93	80.38	81.75	82.21	1993	9	22
23-Sep-93	80.71	81.83	82.17	1993	9	23
24-Sep-93	79.79	80.17	81.75	1993	9	24
25-Sep-93	77.54	78.79	80.92	1993	9	25
26-Sep-93	78.29	77.71	81.29	1993	9	26
27-Sep-93	77.96	75.88	79.17	1993	9	27
28-Sep-93	78.33	67.42	79.63	1993	9	28
29-Sep-93	74.75	66.5	75.42	1993	9	29
30-Sep-93	72.54	63.92	73.04	1993	9	30
1-Oct-93	72.5	63.58	72.88	1993	10	1
2-Oct-93	75.83	69.13	77.5	1993	10	2
3-Oct-93	75.63	70.96	77.92	1993	10	3
4-Oct-93	76.75	72.04	78	1993	10	4
5-Oct-93	76.29	73.25	75.88	1993	10	5
6-Oct-93	73.29	74.79	72.71	1993	10	6
7-Oct-93	76.33	69.42	76.79	1993	10	7
8-Oct-93	75.13	73.67	77.33	1993	10	8
9-Oct-93	73.63	71.46	75.58	1993	10	9
10-Oct-93	75.58	73.42	77.54	1993	10	10
11-Oct-93	75.25	64.71	74.75	1993	10	11
12-Oct-93	72.79	61.38	71.17	1993	10	12
13-Oct-93	70.17	60.5	69.79	1993	10	13
14-Oct-93	72.29	69.88	72.5	1993	10	14
15-Oct-93	74.17	74.42	75.38	1993	10	15
16-Oct-93	73.54	71.88	72.92	1993	10	16
17-Oct-93	75.29	73.71	76.75	1993	10	17
18-Oct-93	74.21	72	76.08	1993	10	18
19-Oct-93	75.96	71.79	78.25	1993	10	19
20-Oct-93	76.71	73.96	79.08	1993	10	20
21-Oct-93	78.79	73.46	80.17	1993	10	21
22-Oct-93	76	74.92	79.54	1993	10	22
23-Oct-93	75	62.38	75.13	1993	10	23
24-Oct-93	74.08	65.63	74.25	1993	10	24
25-Oct-93	74.04	71.25	73.92	1993	10	25
26-Oct-93	70.5	68.88	71.29	1993	10	26
27-Oct-93	71.13	66.96	72.38	1993	10	27
28-Oct-93	70.29	65.21	73.25	1993	10	28
29-Oct-93	72.33	65.17	75.04	1993	10	29
30-Oct-93	76.17	66.25	77.17	1993	10	30
31-Oct-93	56	43.33	61.5	1993	10	31
1-Nov-93	47.33	39.92	48.13	1993	11	1
2-Nov-93	59.17	47.83	58.17	1993	11	2
3-Nov-93	66.42	57.29	66.58	1993	11	3
4-Nov-93	70.13	64.75	69.79	1993	11	4
5-Nov-93	71.92	70.38	73.83	1993	11	5

6-Nov-93	72.46	63.46	74.5	1993	11	6
7-Nov-93	60.29	47.29	63.17	1993	11	7
8-Nov-93	66.17	51.79	66.96	1993	11	8
9-Nov-93	71.79	55.29	73.88	1993	11	9
10-Nov-93	63.71	55.08	64.79	1993	11	10
11-Nov-93	63.46	50.42	64.33	1993	11	11
12-Nov-93	67.21	58.63	70.08	1993	11	12
13-Nov-93	71.58	67.67	75.71	1993	11	13
14-Nov-93	74.29	71.17	79	1993	11	14
15-Nov-93	74.13	69.71	77.88	1993	11	15
16-Nov-93	73.71	69.25	77	1993	11	16
17-Nov-93	72.79	72.46	75.25	1993	11	17
18-Nov-93	75	65.5	74.42	1993	11	18
19-Nov-93	73.21	62.92	71.54	1993	11	19
20-Nov-93	65.42	60.63	67.88	1993	11	20
21-Nov-93	66.75	51.13	66.58	1993	11	21
22-Nov-93	67.21	58.25	65.79	1993	11	22
23-Nov-93	67.04	60.13	68.04	1993	11	23
24-Nov-93	64.79	60.92	66.04	1993	11	24
25-Nov-93	68.96	62.63	71.88	1993	11	25
26-Nov-93	72.17	66.83	74.21	1993	11	26
27-Nov-93	73.33	59.42	71.42	1993	11	27
28-Nov-93	60.75	49.83	62.33	1993	11	28
29-Nov-93	55	45.46	55	1993	11	29
30-Nov-93	60.25	49.54	60.04	1993	11	30
1-Dec-93	66.08	57.42	66.13	1993	12	1
2-Dec-93	65.46	61	66.5	1993	12	2
3-Dec-93	68.58	61.04	68.42	1993	12	3
4-Dec-93	69.75	65	69.13	1993	12	4
5-Dec-93	63.67	55.21	64.92	1993	12	5
6-Dec-93	59.67	51.75	58.58	1993	12	6
7-Dec-93	60.46	45.96	58.71	1993	12	7
8-Dec-93	59.67	49.04	60.25	1993	12	8
9-Dec-93	61.21	51.92	59.29	1993	12	9
10-Dec-93	65.08	57	65.58	1993	12	10
11-Dec-93	60.79	52.08	61.25	1993	12	11
12-Dec-93	47.42	40.17	48.21	1993	12	12
13-Dec-93	54.5	48.08	54.67	1993	12	13
14-Dec-93	61.83	58.17	62.33	1993	12	14
15-Dec-93	55.17	44.71	61.08	1993	12	15
16-Dec-93	49.08	43.75	54.54	1993	12	16
17-Dec-93	56.71	45.67	55.67	1993	12	17
18-Dec-93	63.33	49.79	61.79	1993	12	18
19-Dec-93	58.75	49.08	60.54	1993	12	19
20-Dec-93	63.33	48.5	63.79	1993	12	20
21-Dec-93	62.58	50.5	62.54	1993	12	21
22-Dec-93	54.33	41.67	55.54	1993	12	22

23-Dec-93	50.38	41.13	52.67	1993	12	23
24-Dec-93	48.42	39	48.63	1993	12	24
25-Dec-93	48.67	43.83	52.21	1993	12	25
26-Dec-93	47.38	39.33	50.04	1993	12	26
27-Dec-93	50.83	42.96	53.13	1993	12	27
28-Dec-93	60.46	47.67	61.58	1993	12	28
29-Dec-93	62.67	56.33	63.42	1993	12	29
30-Dec-93	57.38	41.33	59.83	1993	12	30
31-Dec-93	53.88	37.08	53	1993	12	31
1-Jan-94	62.54	47.25	61.96	1994	1	1
2-Jan-94	67.29	56.92	67.92	1994	1	2
3-Jan-94	64.25	56.79	63.04	1994	1	3
4-Jan-94	56.25	47.13	59.08	1994	1	4
5-Jan-94	47.08	41.71	46.33	1994	1	5
6-Jan-94	56.63	44.38	54.08	1994	1	6
7-Jan-94	63.29	57.08	64.08	1994	1	7
8-Jan-94	59.29	48.17	60.92	1994	1	8
9-Jan-94	51.38	39.5	50.58	1994	1	9
10-Jan-94	61.92	48.29	61.58	1994	1	10
11-Jan-94	66.5	57.46	67.58	1994	1	11
12-Jan-94	69.29	60.67	67.21	1994	1	12
13-Jan-94	61.29	50.54	61.63	1994	1	13
14-Jan-94	53.42	47.63	54.33	1994	1	14
15-Jan-94	54	41	53.58	1994	1	15
16-Jan-94	52.54	38.67	53.38	1994	1	16
17-Jan-94	63.83	51.46	64.08	1994	1	17
18-Jan-94	59.25	45	59.13	1994	1	18
19-Jan-94	47.79	33	48	1994	1	19
20-Jan-94	52	40.96	51.92	1994	1	20
21-Jan-94	53.88	40.33	55.38	1994	1	21
22-Jan-94	54.17	36.29	53.13	1994	1	22
23-Jan-94	57.63	42	58.54	1994	1	23
24-Jan-94	62	49.75	61.46	1994	1	24
25-Jan-94	63.79	52.92	64.96	1994	1	25
26-Jan-94	64	55.13	65.96	1994	1	26
27-Jan-94	69.42	61.92	70.33	1994	1	27
28-Jan-94	73.79	65.58	70.96	1994	1	28
29-Jan-94	72.17	57.54	70.5	1994	1	29
30-Jan-94	67.38	51.38	67.17	1994	1	30
31-Jan-94	59.67	46.58	58.83	1994	1	31
1-Feb-94	53.96	40.25	53.79	1994	2	1
2-Feb-94	49.46	39.58	49.67	1994	2	2
3-Feb-94	48.88	36.58	48.42	1994	2	3
4-Feb-94	59.17	44.63	58.04	1994	2	4
5-Feb-94	63.58	58.88	63.08	1994	2	5
6-Feb-94	68.79	65.42	69.08	1994	2	6
7-Feb-94	66.83	59.88	70.63	1994	2	7

8-Feb-94	68	63.21	68.21	1994	2	8
9-Feb-94	71.21	69.83	71.42	1994	2	9
10-Feb-94	72.79	67.58	72.92	1994	2	10
11-Feb-94	75.58	66.25	73.29	1994	2	11
12-Feb-94	72.63	59.96	72.33	1994	2	12
13-Feb-94	69.88	57.83	69.13	1994	2	13
14-Feb-94	59.63	47.75	59.54	1994	2	14
15-Feb-94	60.92	51	61.29	1994	2	15
16-Feb-94	62.67	58.46	65.46	1994	2	16
17-Feb-94	63.08	59	63.96	1994	2	17
18-Feb-94	65.42	64.63	66.79	1994	2	18
19-Feb-94	68.17	67.75	69.71	1994	2	19
20-Feb-94	71.83	69.08	72.79	1994	2	20
21-Feb-94	70.58	68.46	72.92	1994	2	21
22-Feb-94	70.67	66.13	73.5	1994	2	22
23-Feb-94	74.13	68.04	74	1994	2	23
24-Feb-94	64.83	55.79	64.96	1994	2	24
25-Feb-94	65.29	50.88	63.5	1994	2	25
26-Feb-94	64.83	52.92	63.54	1994	2	26
27-Feb-94	60.92	51.13	58.38	1994	2	27
28-Feb-94	63.33	58.17	64.92	1994	2	28
1-Mar-94	67.38	62.42	69.08	1994	3	1
2-Mar-94	67.88	60.5	68.54	1994	3	2
3-Mar-94	55.5	51.42	57.42	1994	3	3
4-Mar-94	57.38	54.42	57.79	1994	3	4
5-Mar-94	63.04	63.13	62.13	1994	3	5
6-Mar-94	65.54	64.04	64.63	1994	3	6
7-Mar-94	69.92	65.5	69.33	1994	3	7
8-Mar-94	68.79	63.58	70.5	1994	3	8
9-Mar-94	69.92	65.88	72.25	1994	3	9
10-Mar-94	69.83	54.46	66.54	1994	3	10
11-Mar-94	52.25	47.83	54.29	1994	3	11
12-Mar-94	59.71	51.42	60.75	1994	3	12
13-Mar-94	65	61.58	64.13	1994	3	13
14-Mar-94	64.21	61.04	64	1994	3	14
15-Mar-94	61.25	60.58	61.17	1994	3	15
16-Mar-94	67.96	62	67.5	1994	3	16
17-Mar-94	60.33	51.46	59.5	1994	3	17
18-Mar-94	63.83	59.13	61.63	1994	3	18
19-Mar-94	69.25	71.88	70.88	1994	3	19
20-Mar-94	72.92	70.71	71.96	1994	3	20
21-Mar-94	73.58	72.29	73.75	1994	3	21
22-Mar-94	73.54	70.04	74.38	1994	3	22
23-Mar-94	71.92	63.58	73.83	1994	3	23
24-Mar-94	76.21	70.96	75.42	1994	3	24
25-Mar-94	72.25	69.79	76.75	1994	3	25
26-Mar-94	74.08	66.42	76.13	1994	3	26

27-Mar-94	79.63	74.83	78.79	1994	3	27
28-Mar-94	80.5	67.13	79.63	1994	3	28
29-Mar-94	66.46	55.71	66.21	1994	3	29
30-Mar-94	64	54.96	65.29	1994	3	30
31-Mar-94	68.04	56	65.67	1994	3	31
1-Apr-94	64	53.5	60.79	1994	4	1
2-Apr-94	63.5	55.08	61.88	1994	4	2
3-Apr-94	70.08	60.79	67.42	1994	4	3
4-Apr-94	68.29	64.13	67.38	1994	4	4
5-Apr-94	70.75	62.96	68.83	1994	4	5
6-Apr-94	74.33	66.83	72.67	1994	4	6
7-Apr-94	71.67	61.42	74.25	1994	4	7
8-Apr-94	71.5	64.75	73.67	1994	4	8
9-Apr-94	70.5	71	75.83	1994	4	9
10-Apr-94	71.75	72.08	76.75	1994	4	10
11-Apr-94	73.88	71.71	78.75	1994	4	11
12-Apr-94	75.63	70.5	78.04	1994	4	12
13-Apr-94	76.92	70.75	77.29	1994	4	13
14-Apr-94	77.38	73.17	78.13	1994	4	14
15-Apr-94	78.96	76.33	79.29	1994	4	15
16-Apr-94	78	72.63	78.21	1994	4	16
17-Apr-94	75.38	67.96	76.17	1994	4	17
18-Apr-94	73.67	66.04	75.38	1994	4	18
19-Apr-94	71.33	69.29	75.08	1994	4	19
20-Apr-94	74.83	73.29	75	1994	4	20
21-Apr-94	73.88	70.5	75.08	1994	4	21
22-Apr-94	74.88	71.42	76.67	1994	4	22
23-Apr-94	72	66.29	74.08	1994	4	23
24-Apr-94	72.96	71.38	72.92	1994	4	24
25-Apr-94	72.96	74.42	74.54	1994	4	25
26-Apr-94	73.92	75.21	75.92	1994	4	26
27-Apr-94	73.92	76.21	76.92	1994	4	27
28-Apr-94	75	74.08	77.79	1994	4	28
29-Apr-94	74.79	74	77.21	1994	4	29
30-Apr-94	73.46	75.92	76.42	1994	4	30
1-May-94	76.71	74.08	78.08	1994	5	1
2-May-94	76.29	71.54	78.33	1994	5	2
3-May-94	75.63	71.21	79.5	1994	5	3
4-May-94	78.29	70.83	81.58	1994	5	4
5-May-94	74	66.83	75.71	1994	5	5
6-May-94	73.21	67.33	74.21	1994	5	6
7-May-94	75.29	69.79	76.63	1994	5	7
8-May-94	77.58	74.58	77.63	1994	5	8
9-May-94	77.71	74.04	79.5	1994	5	9
10-May-94	78.21	75.42	78.75	1994	5	10
11-May-94	77.92	75.38	79.42	1994	5	11
12-May-94	77.92	77.42	78.5	1994	5	12

13-May-94	78.13	79.42	79.5	1994	5	13
14-May-94	79.13	77.79	81.83	1994	5	14
15-May-94	79.83	73.63	82.13	1994	5	15
16-May-94	79.88	77.63	81.79	1994	5	16
17-May-94	78.17	77.75	81.08	1994	5	17
18-May-94	76.88	73.63	80	1994	5	18
19-May-94	73.08	69.21	77.04	1994	5	19
20-May-94	69.13	64.88	71.42	1994	5	20
21-May-94	67.38	63.92	69.5	1994	5	21
22-May-94	69.13	67.96	69.08	1994	5	22
23-May-94	73.88	72.38	74.25	1994	5	23
24-May-94	76.58	74.33	75.83	1994	5	24
25-May-94	77.92	74.13	75.5	1994	5	25
26-May-94	79.42	76.08	77.38	1994	5	26
27-May-94	78.63	75.67	79.92	1994	5	27
28-May-94	77.17	76.5	78.92	1994	5	28
29-May-94	74.13	73.25	76.21	1994	5	29
30-May-94	77.25	75.58	77.92	1994	5	30
31-May-94	79.46	77.33	81	1994	5	31
1-Jun-94	78.33	78.5	79.71	1994	6	1
2-Jun-94	75.67	78.79	77.54	1994	6	2
3-Jun-94	76.83	78.17	78.54	1994	6	3
4-Jun-94	75.33	77.63	81	1994	6	4
5-Jun-94	77.21	76.67	81.92	1994	6	5
6-Jun-94	77.33	74.46	81	1994	6	6
7-Jun-94	74.08	75.04	78.75	1994	6	7
8-Jun-94	74.21	80	82.88	1994	6	8
9-Jun-94	79.92	82.54	84.21	1994	6	9
10-Jun-94	79.5	76.29	83.79	1994	6	10
11-Jun-94	79.71	77.5	83.79	1994	6	11
12-Jun-94	80.54	77.83	83.5	1994	6	12
13-Jun-94	82.04	80.63	84.83	1994	6	13
14-Jun-94	80.96	82.08	82.75	1994	6	14
15-Jun-94	81.75	80.54	80.25	1994	6	15
16-Jun-94	79.38	76.08	79.25	1994	6	16
17-Jun-94	75	76.75	77.04	1994	6	17
18-Jun-94	76.92	75.5	77.21	1994	6	18
19-Jun-94	79.21	75.88	80.92	1994	6	19
20-Jun-94	78.54	77.83	82.04	1994	6	20
21-Jun-94	80	79.92	82.54	1994	6	21
22-Jun-94	80.42	76.71	82.88	1994	6	22
23-Jun-94	81.96	75	83.63	1994	6	23
24-Jun-94	83.83	76.63	85	1994	6	24
25-Jun-94	82.46	74.92	85	1994	6	25
26-Jun-94	82.71	79	84.71	1994	6	26
27-Jun-94	83.63	83.08	83	1994	6	27
28-Jun-94	82.46	82.71	81.75	1994	6	28

29-Jun-94	80.04	82.21	80.67	1994	6	29
30-Jun-94	80.17	82	79.5	1994	6	30
1-Jul-94	77.79	81.08	77.88	1994	7	1
2-Jul-94	78.25	78.67	78.5	1994	7	2
3-Jul-94	77.42	77.54	78.38	1994	7	3
4-Jul-94	77.71	78.17	78.88	1994	7	4
5-Jul-94	80.63	78.79	80.08	1994	7	5
6-Jul-94	78.25	74.67	78.71	1994	7	6
7-Jul-94	78.71	76.88	79.04	1994	7	7
8-Jul-94	81.46	80.29	81.04	1994	7	8
9-Jul-94	80.96	81	83.25	1994	7	9
10-Jul-94	81.83	79.46	80.38	1994	7	10
11-Jul-94	82.17	78.88	80.54	1994	7	11
12-Jul-94	81.13	78.79	80.25	1994	7	12
13-Jul-94	79.54	78.08	81.92	1994	7	13
14-Jul-94	79.63	77.79	82.5	1994	7	14
15-Jul-94	80.83	80.88	82	1994	7	15
16-Jul-94	80.25	82.67	81.46	1994	7	16
17-Jul-94	81.17	81.88	80	1994	7	17
18-Jul-94	80.75	79.71	79.46	1994	7	18
19-Jul-94	80.58	79.63	81.04	1994	7	19
20-Jul-94	78.83	77.04	80.92	1994	7	20
21-Jul-94	77.88	77.25	79.17	1994	7	21
22-Jul-94	79.33	78.75	80.25	1994	7	22
23-Jul-94	80.25	76.63	82.13	1994	7	23
24-Jul-94	78.21	78.67	80	1994	7	24
25-Jul-94	77.58	80	80.33	1994	7	25
26-Jul-94	77.42	76.42	79.71	1994	7	26
27-Jul-94	78.79	76.04	82.67	1994	7	27
28-Jul-94	78.25	76.42	81.29	1994	7	28
29-Jul-94	76.08	76.38	76.42	1994	7	29
30-Jul-94	76.96	74.58	78.88	1994	7	30
31-Jul-94	79.96	74.63	81.63	1994	7	31
1-Aug-94	80.88	79.33	82.38	1994	8	1
2-Aug-94	80.63	80.46	81.46	1994	8	2
3-Aug-94	81.38	79.04	81.67	1994	8	3
4-Aug-94	80.96	77.92	81.67	1994	8	4
5-Aug-94	80.21	79.67	81.96	1994	8	5
6-Aug-94	77.08	79.63	80.46	1994	8	6
7-Aug-94	76.88	75.54	79	1994	8	7
8-Aug-94	76.96	77.63	77.83	1994	8	8
9-Aug-94	78.67	76.67	79.83	1994	8	9
10-Aug-94	78.5	80.33	78.33	1994	8	10
11-Aug-94	78.33	78	79.5	1994	8	11
12-Aug-94	74.79	77.71	78.33	1994	8	12
13-Aug-94	78.13	78.46	78.79	1994	8	13
14-Aug-94	76.42	76.5	77.54	1994	8	14

15-Aug-94	76.71	75.96	76.46	1994	8	15
16-Aug-94	78.04	78.92	75.96	1994	8	16
17-Aug-94	78.83	78.79	80.25	1994	8	17
18-Aug-94	79.75	77.33	81.71	1994	8	18
19-Aug-94	78.25	77.79	81.04	1994	8	19
20-Aug-94	81.63	75.83	80.67	1994	8	20
21-Aug-94	82	78.21	83.08	1994	8	21
22-Aug-94	76.96	79.21	80.58	1994	8	22
23-Aug-94	77.83	79.67	80.71	1994	8	23
24-Aug-94	76.54	81.13	78.46	1994	8	24
25-Aug-94	76.04	79.54	76.38	1994	8	25
26-Aug-94	78.21	80.25	78.46	1994	8	26
27-Aug-94	79.42	79.17	80.58	1994	8	27
28-Aug-94	77.79	79.92	78.04	1994	8	28
29-Aug-94	78.46	79	78.54	1994	8	29
30-Aug-94	80.13	79.75	81.17	1994	8	30
31-Aug-94	81.75	79.38	81.71	1994	8	31
1-Sep-94	80.88	77.63	82.25	1994	9	1
2-Sep-94	81.17	80.63	83.58	1994	9	2
3-Sep-94	80.88	79.75	82.88	1994	9	3
4-Sep-94	77.96	72.83	79	1994	9	4
5-Sep-94	78.17	73.17	78.71	1994	9	5
6-Sep-94	78.71	76.75	80.88	1994	9	6
7-Sep-94	79.79	76.79	78.83	1994	9	7
8-Sep-94	75.75	77.13	79.29	1994	9	8
9-Sep-94	78.92	77.63	79.13	1994	9	9
10-Sep-94	78.67	75.71	79.38	1994	9	10
11-Sep-94	79.04	76.63	78.29	1994	9	11
12-Sep-94	75.88	79.25	78.71	1994	9	12
13-Sep-94	73.79	79.04	75.5	1994	9	13
14-Sep-94	78.58	77.75	76.21	1994	9	14
15-Sep-94	77.33	77.92	75.88	1994	9	15
16-Sep-94	76.21	73.79	77.71	1994	9	16
17-Sep-94	79.04	78.17	80.21	1994	9	17
18-Sep-94	79.25	80.88	81.38	1994	9	18
19-Sep-94	75.25	75.54	79.13	1994	9	19
20-Sep-94	74.63	74.88	75.63	1994	9	20
21-Sep-94	75.46	75.79	76.88	1994	9	21
22-Sep-94	75.08	74.58	77.25	1994	9	22
23-Sep-94	77.5	71.13	78.5	1994	9	23
24-Sep-94	78.46	76.67	80.13	1994	9	24
25-Sep-94	75.29	74.13	76.83	1994	9	25
26-Sep-94	73.17	71	75.71	1994	9	26
27-Sep-94	74.42	69.17	73.63	1994	9	27
28-Sep-94	76.13	74.17	76.21	1994	9	28
29-Sep-94	77.21	75.58	78.04	1994	9	29
30-Sep-94	77.63	77.13	77.83	1994	9	30

1-Oct-94	75	77.46	77.79	1994	10	1
2-Oct-94	77.67	76.33	79.08	1994	10	2
3-Oct-94	80.79	79	82.21	1994	10	3
4-Oct-94	77.21	67.42	79.42	1994	10	4
5-Oct-94	73.63	65.96	74.63	1994	10	5
6-Oct-94	75.29	67.63	75.88	1994	10	6
7-Oct-94	77.25	74.33	77.75	1994	10	7
8-Oct-94	75.63	75.04	79.25	1994	10	8
9-Oct-94	77.29	75.21	78.42	1994	10	9
10-Oct-94	76.88	72.79	78.29	1994	10	10
11-Oct-94	75.63	64.21	73.75	1994	10	11
12-Oct-94	75.5	62.58	74.17	1994	10	12
13-Oct-94	76.29	68.92	74.67	1994	10	13
14-Oct-94	75.42	71.67	75.29	1994	10	14
15-Oct-94	70.46	66.58	71.79	1994	10	15
16-Oct-94	71.58	67.42	72.13	1994	10	16
17-Oct-94	72.5	67.5	73.67	1994	10	17
18-Oct-94	70.88	68.71	72.46	1994	10	18
19-Oct-94	72.17	68.75	73.46	1994	10	19
20-Oct-94	73.79	70.17	73.75	1994	10	20
21-Oct-94	74.71	73.21	73.79	1994	10	21
22-Oct-94	75.46	71.42	75.17	1994	10	22
23-Oct-94	76.42	69.96	76.21	1994	10	23
24-Oct-94	75.67	66.79	75.46	1994	10	24
25-Oct-94	73.5	62.46	74.21	1994	10	25
26-Oct-94	70.38	62.67	71	1994	10	26
27-Oct-94	68.21	60.58	69.04	1994	10	27
28-Oct-94	68.21	61.67	69.17	1994	10	28
29-Oct-94	73.63	64.38	73.92	1994	10	29
30-Oct-94	74.21	71.58	75.33	1994	10	30
31-Oct-94	76.33	73.54	76.46	1994	10	31
1-Nov-94	74	63.79	75.21	1994	11	1
2-Nov-94	66.08	54.42	66.25	1994	11	2
3-Nov-94	69.46	57.13	70.13	1994	11	3
4-Nov-94	71.71	64.92	73.13	1994	11	4
5-Nov-94	73	66.58	74.5	1994	11	5
6-Nov-94	73.29	68.75	72.42	1994	11	6
7-Nov-94	73.29	68.21	73.67	1994	11	7
8-Nov-94	74.96	71.25	75.67	1994	11	8
9-Nov-94	75.46	71.71	75.71	1994	11	9
10-Nov-94	75.13	70.96	77.71	1994	11	10
11-Nov-94	71.5	60.63	74.08	1994	11	11
12-Nov-94	69.83	62.21	69.5	1994	11	12
13-Nov-94	73.21	68.83	74.83	1994	11	13
14-Nov-94	72.58	69.38	73.54	1994	11	14
15-Nov-94	73.46	72.92	76.08	1994	11	15
16-Nov-94	74.33	71.08	75.58	1994	11	16

17-Nov-94	65.08	62.33	68.25	1994	11	17
18-Nov-94	64.96	60.42	62.83	1994	11	18
19-Nov-94	66.75	65.25	70.13	1994	11	19
20-Nov-94	72.04	70.21	74.21	1994	11	20
21-Nov-94	72.79	70.5	73.63	1994	11	21
22-Nov-94	71.63	64.88	70.63	1994	11	22
23-Nov-94	67.08	55.58	68.42	1994	11	23
24-Nov-94	59.67	46.71	59.54	1994	11	24
25-Nov-94	64.25	52.29	63.5	1994	11	25
26-Nov-94	65.88	61	64.58	1994	11	26
27-Nov-94	69.92	66.5	69.75	1994	11	27
28-Nov-94	73.83	72.79	75	1994	11	28
29-Nov-94	75.88	71.46	76.5	1994	11	29
30-Nov-94	72.21	58.54	74.33	1994	11	30
1-Dec-94	66.75	52.08	67.17	1994	12	1
2-Dec-94	70.33	60.79	70.21	1994	12	2
3-Dec-94	72.83	67.58	74.25	1994	12	3
4-Dec-94	74.67	68.29	76	1994	12	4
5-Dec-94	72.63	66.83	72.67	1994	12	5
6-Dec-94	69.79	64.33	70.04	1994	12	6
7-Dec-94	68.13	55.92	67.13	1994	12	7
8-Dec-94	67.92	60.21	66.21	1994	12	8
9-Dec-94	70	63.42	72.54	1994	12	9
10-Dec-94	73.38	67.71	74.33	1994	12	10
11-Dec-94	63.46	49.04	64.33	1994	12	11
12-Dec-94	60.17	49.21	58.63	1994	12	12
13-Dec-94	58.46	51.04	59.42	1994	12	13
14-Dec-94	57.88	51.96	59.25	1994	12	14
15-Dec-94	61.29	52.17	61.54	1994	12	15
16-Dec-94	65.29	54.42	65.96	1994	12	16
17-Dec-94	64.75	59.25	66.08	1994	12	17
18-Dec-94	60.04	55.88	62.29	1994	12	18
19-Dec-94	56.17	45.58	56	1994	12	19
20-Dec-94	61.38	51.54	59.71	1994	12	20
21-Dec-94	61.79	59.38	62.63	1994	12	21
22-Dec-94	60.25	54	61.5	1994	12	22
23-Dec-94	55.46	56.67	58.54	1994	12	23
24-Dec-94	54.5	51.42	56.13	1994	12	24
25-Dec-94	52.79	44.33	53.96	1994	12	25
26-Dec-94	52.83	49.46	53.79	1994	12	26
27-Dec-94	59.29	48.58	55.83	1994	12	27
28-Dec-94	62.63	50.71	60	1994	12	28
29-Dec-94	66	53.21	66.38	1994	12	29
30-Dec-94	66.75	58.29	68.17	1994	12	30
31-Dec-94	65.75	55.46	66.17	1994	12	31
1-Jan-95	66.17	57.13	66.38	1995	1	1
2-Jan-95	62.42	51.25	65.5	1995	1	2

3-Jan-95	60.38	46.46	61.58	1995	1	3
4-Jan-95	54.08	44.46	53.42	1995	1	4
5-Jan-95	52.29	39.42	52.08	1995	1	5
6-Jan-95	63.21	55.42	64.08	1995	1	6
7-Jan-95	67.67	60.67	66.96	1995	1	7
8-Jan-95	53	42.63	52.71	1995	1	8
9-Jan-95	52.25	46.54	51.79	1995	1	9
10-Jan-95	56.38	53.5	55.96	1995	1	10
11-Jan-95	61.5	56	60.5	1995	1	11
12-Jan-95	63.5	54.54	66	1995	1	12
13-Jan-95	69.38	63.67	69.88	1995	1	13
14-Jan-95	66.88	62.08	65.71	1995	1	14
15-Jan-95	60.54	52.25	59.58	1995	1	15
16-Jan-95	53.83	47.46	56.42	1995	1	16
17-Jan-95	53.33	46.04	54.33	1995	1	17
18-Jan-95	59.29	51.04	58.54	1995	1	18
19-Jan-95	63.04	56.21	64.25	1995	1	19
20-Jan-95	53.83	45.92	56.17	1995	1	20
21-Jan-95	52.08	43.04	54.5	1995	1	21
22-Jan-95	54.58	46.88	56	1995	1	22
23-Jan-95	57.13	49.46	56.83	1995	1	23
24-Jan-95	46.75	39.75	47.42	1995	1	24
25-Jan-95	48.92	42.08	47.83	1995	1	25
26-Jan-95	53.96	46.83	51.33	1995	1	26
27-Jan-95	58.38	52.17	54	1995	1	27
28-Jan-95	65.33	65.63	64.38	1995	1	28
29-Jan-95	68.5	57.92	67.21	1995	1	29
30-Jan-95	56.75	47.96	57.33	1995	1	30
31-Jan-95	49.04	39.5	50.04	1995	1	31
1-Feb-95	50.25	43.21	52.33	1995	2	1
2-Feb-95	56.25	53.29	60.25	1995	2	2
3-Feb-95	60.92	63.21	63.13	1995	2	3
4-Feb-95	54.92	50.29	57.04	1995	2	4
5-Feb-95	52.5	47.17	54.08	1995	2	5
6-Feb-95	47.63	39.71	48.46	1995	2	6
7-Feb-95	52.08	47.04	52.13	1995	2	7
8-Feb-95	48.25	38.04	48.75	1995	2	8
9-Feb-95	42.5	36.38	40.83	1995	2	9
10-Feb-95	55.58	55.88	53.25	1995	2	10
11-Feb-95	65.13	66.88	64.96	1995	2	11
12-Feb-95	61.71	50.54	64.88	1995	2	12
13-Feb-95	60.13	48.17	59.67	1995	2	13
14-Feb-95	65.46	57.63	66.33	1995	2	14
15-Feb-95	70.33	63.25	72.75	1995	2	15
16-Feb-95	72.38	66.75	71.33	1995	2	16
17-Feb-95	72.13	67.25	71.63	1995	2	17
18-Feb-95	73	65.04	71	1995	2	18

19-Feb-95	68.58	59.08	70.04	1995	2	19
20-Feb-95	61.58	59.04	62.5	1995	2	20
21-Feb-95	60.88	56.63	62.33	1995	2	21
22-Feb-95	54.67	49.33	54.75	1995	2	22
23-Feb-95	59.88	52.21	58.96	1995	2	23
24-Feb-95	64.67	59.04	62.88	1995	2	24
25-Feb-95	63.38	51.67	61.63	1995	2	25
26-Feb-95	63.33	56.42	65.5	1995	2	26
27-Feb-95	66.58	64	69.5	1995	2	27
28-Feb-95	68.33	61.92	69.83	1995	2	28
1-Mar-95	69.63	62.63	68.58	1995	3	1
2-Mar-95	59.46	57.71	62.38	1995	3	2
3-Mar-95	63	56.54	62.33	1995	3	3
4-Mar-95	66.25	61.67	67.25	1995	3	4
5-Mar-95	67.29	63.25	70.17	1995	3	5
6-Mar-95	68.58	67.54	73.33	1995	3	6
7-Mar-95	71.96	70.42	74.54	1995	3	7
8-Mar-95	68.71	58.71	68.63	1995	3	8
9-Mar-95	56.08	45.17	57.46	1995	3	9
10-Mar-95	55.29	46.79	57	1995	3	10
11-Mar-95	59.83	55.17	60.88	1995	3	11
12-Mar-95	64.58	62.63	66.17	1995	3	12
13-Mar-95	65.08	64.75	65.71	1995	3	13
14-Mar-95	67.21	67.96	69.83	1995	3	14
15-Mar-95	67	64.83	68	1995	3	15
16-Mar-95	68.79	64.25	68.75	1995	3	16
17-Mar-95	66.67	65.17	68.63	1995	3	17
18-Mar-95	65.33	62.21	66.54	1995	3	18
19-Mar-95	64.04	64.33	65.54	1995	3	19
20-Mar-95	65.17	61.17	64.25	1995	3	20
21-Mar-95	67.71	68.83	65.75	1995	3	21
22-Mar-95	69.88	70.58	71.21	1995	3	22
23-Mar-95	71.75	74.67	72.83	1995	3	23
24-Mar-95	73.25	71.38	72.88	1995	3	24
25-Mar-95	69.38	68.21	71.83	1995	3	25
26-Mar-95	66.75	67.46	72.96	1995	3	26
27-Mar-95	71.29	70.63	72.5	1995	3	27
28-Mar-95	72.88	67.79	73.5	1995	3	28
29-Mar-95	71.25	63.46	71.5	1995	3	29
30-Mar-95	72.38	67.29	72.54	1995	3	30
31-Mar-95	67.83	56.5	69.79	1995	3	31
1-Apr-95	64.04	59.88	66.96	1995	4	1
2-Apr-95	62.46	58	64.71	1995	4	2
3-Apr-95	62.79	59.29	66.13	1995	4	3
4-Apr-95	67.92	60.42	71.5	1995	4	4
5-Apr-95	67.63	61.71	67.38	1995	4	5
6-Apr-95	70.42	62.92	71.88	1995	4	6

7-Apr-95	66.79	63.92	68.46	1995	4	7
8-Apr-95	69.13	65.96	72	1995	4	8
9-Apr-95	71.25	68.67	71.92	1995	4	9
10-Apr-95	72.58	71.08	75.67	1995	4	10
11-Apr-95	74.25	72.17	78.83	1995	4	11
12-Apr-95	73.96	69.67	75.08	1995	4	12
13-Apr-95	74.21	70.92	72.79	1995	4	13
14-Apr-95	69.21	63.25	69.04	1995	4	14
15-Apr-95	69.83	64.75	71.33	1995	4	15
16-Apr-95	71.54	66.71	72.88	1995	4	16
17-Apr-95	74.92	70.46	75.25	1995	4	17
18-Apr-95	76.83	70.25	75.46	1995	4	18
19-Apr-95	77.71	73.79	77.13	1995	4	19
20-Apr-95	77.21	72	78.63	1995	4	20
21-Apr-95	77.58	68.79	79.08	1995	4	21
22-Apr-95	78.21	70.96	78.67	1995	4	22
23-Apr-95	78.29	74.13	78.29	1995	4	23
24-Apr-95	75.79	65.88	77.46	1995	4	24
25-Apr-95	66.08	59.5	67.79	1995	4	25
26-Apr-95	68.63	63.71	70.21	1995	4	26
27-Apr-95	73.96	70.04	74.33	1995	4	27
28-Apr-95	72.13	71.29	72.75	1995	4	28
29-Apr-95	73.71	70.92	76.38	1995	4	29
30-Apr-95	74.75	72.33	77.46	1995	4	30
1-May-95	77.17	72.13	77.38	1995	5	1
2-May-95	78.04	72.17	79.58	1995	5	2
3-May-95	76.13	65.29	78.21	1995	5	3
4-May-95	76.13	72.38	79.58	1995	5	4
5-May-95	77.79	77.71	80.04	1995	5	5
6-May-95	78.29	72.25	81.13	1995	5	6
7-May-95	76	72.67	80.71	1995	5	7
8-May-95	75.96	75.92	81.67	1995	5	8
9-May-95	78.08	77.25	81.54	1995	5	9
10-May-95	78.13	71.79	82.17	1995	5	10
11-May-95	76.75	72.83	83.33	1995	5	11
12-May-95	78.88	71.92	83.67	1995	5	12
13-May-95	81.38	78.33	84.75	1995	5	13
14-May-95	83.67	83.17	85.67	1995	5	14
15-May-95	82.33	80.67	84.67	1995	5	15
16-May-95	82.25	80.92	83.42	1995	5	16
17-May-95	82.29	79.63	83.63	1995	5	17
18-May-95	83.08	78	83.71	1995	5	18
19-May-95	82.25	80.71	83.67	1995	5	19
20-May-95	76.5	73.21	79.21	1995	5	20
21-May-95	77.75	73.13	76.71	1995	5	21
22-May-95	77.54	73.58	79.71	1995	5	22
23-May-95	77	75.5	79.08	1995	5	23

24-May-95	77.92	79.5	81.13	1995	5	24
25-May-95	78.04	77.42	79.67	1995	5	25
26-May-95	78.67	77.88	81.04	1995	5	26
27-May-95	78.25	79.63	81.29	1995	5	27
28-May-95	78.96	79.04	81.08	1995	5	28
29-May-95	79.17	78.33	81.08	1995	5	29
30-May-95	80.92	79.96	82.5	1995	5	30
31-May-95	81.75	80.08	82.79	1995	5	31
1-Jun-95	81.63	80.5	83.42	1995	6	1
2-Jun-95	76.83	78.29	74.54	1995	6	2
3-Jun-95	78.38	79.13	75.29	1995	6	3
4-Jun-95	77.63	76.33	77.54	1995	6	4
5-Jun-95	80.38	74.33	81.46	1995	6	5
6-Jun-95	81.5	81.38	82	1995	6	6
7-Jun-95	80.88	82.92	81.88	1995	6	7
8-Jun-95	82.79	83.25	83.42	1995	6	8
9-Jun-95	83.83	85.46	83.42	1995	6	9
10-Jun-95	80.46	80.17	82.63	1995	6	10
11-Jun-95	80.21	77.96	80.79	1995	6	11
12-Jun-95	77.92	77.08	82.46	1995	6	12
13-Jun-95	76.75	70.63	76.63	1995	6	13
14-Jun-95	75.88	70.75	76.25	1995	6	14
15-Jun-95	76	73.83	78.38	1995	6	15
16-Jun-95	77.71	77.71	79.63	1995	6	16
17-Jun-95	77.04	78.42	78.58	1995	6	17
18-Jun-95	75.88	76.71	77.58	1995	6	18
19-Jun-95	76.96	73.38	76.29	1995	6	19
20-Jun-95	77.58	72.04	78.5	1995	6	20
21-Jun-95	76.67	74.75	78.5	1995	6	21
22-Jun-95	77.54	78.08	79.79	1995	6	22
23-Jun-95	74.29	78.33	77.29	1995	6	23
24-Jun-95	72.33	79.13	73.63	1995	6	24
25-Jun-95	75.96	80.29	79.29	1995	6	25
26-Jun-95	75.71	81.17	80.54	1995	6	26
27-Jun-95	81.17	80.13	82.67	1995	6	27
28-Jun-95	80.83	79.13	81.96	1995	6	28
29-Jun-95	80.88	78.83	82.67	1995	6	29
30-Jun-95	79.96	79.92	81.71	1995	6	30
1-Jul-95	82.79	80.17	82.88	1995	7	1
2-Jul-95	81.75	79.96	81.79	1995	7	2
3-Jul-95	82.17	81.79	83.13	1995	7	3
4-Jul-95	84.5	78.75	83.75	1995	7	4
5-Jul-95	83.88	82.08	85.17	1995	7	5
6-Jul-95	82.75	83.96	84.63	1995	7	6
7-Jul-95	82.29	83.29	84.83	1995	7	7
8-Jul-95	81.96	81.54	83.25	1995	7	8
9-Jul-95	83.79	80.92	85	1995	7	9

10-Jul-95	81.58	82.21	83.79	1995	7	10
11-Jul-95	78.21	80.46	84.5	1995	7	11
12-Jul-95	78.5	82.67	77.92	1995	7	12
13-Jul-95	77.83	79.88	80.04	1995	7	13
14-Jul-95	80.58	80.29	79.46	1995	7	14
15-Jul-95	82.83	82.21	82.67	1995	7	15
16-Jul-95	81.29	85.08	81.75	1995	7	16
17-Jul-95	75.71	80.96	77.92	1995	7	17
18-Jul-95	76.58	81.83	79.71	1995	7	18
19-Jul-95	82.42	83.63	84.25	1995	7	19
20-Jul-95	81.54	82.38	83.38	1995	7	20
21-Jul-95	80.58	82	83.21	1995	7	21
22-Jul-95	82.46	80.5	83.5	1995	7	22
23-Jul-95	83.58	80.54	85	1995	7	23
24-Jul-95	81.5	80.17	82.83	1995	7	24
25-Jul-95	77.92	82.96	79.63	1995	7	25
26-Jul-95	78.42	81.96	78.04	1995	7	26
27-Jul-95	77.96	81.21	78.13	1995	7	27
28-Jul-95	78.71	78.04	79	1995	7	28
29-Jul-95	78.46	79.13	79.42	1995	7	29
30-Jul-95	81.13	81.88	79	1995	7	30
31-Jul-95	81.29	83.04	83.21	1995	7	31
1-Aug-95	79.33	83.5	81.13	1995	8	1
2-Aug-95	76.13	81.21	78.33	1995	8	2
3-Aug-95	78.58	80.25	78.71	1995	8	3
4-Aug-95	79.38	81.54	80.58	1995	8	4
5-Aug-95	82.21	80.96	83.17	1995	8	5
6-Aug-95	82.67	81.46	82.5	1995	8	6
7-Aug-95	83.13	82.67	84.29	1995	8	7
8-Aug-95	81.54	80.67	83.25	1995	8	8
9-Aug-95	81.83	81.38	79.79	1995	8	9
10-Aug-95	81.58	81.29	83.13	1995	8	10
11-Aug-95	83.04	82.5	82.71	1995	8	11
12-Aug-95	79.46	80.5	81.88	1995	8	12
13-Aug-95	83.33	81.25	82.46	1995	8	13
14-Aug-95	85.58	85.29	84.67	1995	8	14
15-Aug-95	86	87.92	84.17	1995	8	15
16-Aug-95	84.33	84.88	82.54	1995	8	16
17-Aug-95	84.63	83.54	85	1995	8	17
18-Aug-95	84.75	83.54	85.58	1995	8	18
19-Aug-95	83.92	83.29	82.42	1995	8	19
20-Aug-95	78.13	80.33	81.38	1995	8	20
21-Aug-95	78.46	82.38	81.42	1995	8	21
22-Aug-95	82.92	81.08	82.63	1995	8	22
23-Aug-95	78.92	81.38	81.29	1995	8	23
24-Aug-95	76.79	81.25	81	1995	8	24
25-Aug-95	79.67	79.54	82.29	1995	8	25

26-Aug-95	79.25	82.08	80.38	1995	8	26
27-Aug-95	81.58	84.08	83.08	1995	8	27
28-Aug-95	84	83.92	85.29	1995	8	28
29-Aug-95	78.58	82.29	81.42	1995	8	29
30-Aug-95	79.04	81.42	81.17	1995	8	30
31-Aug-95	81	83.04	81.83	1995	8	31
1-Sep-95	79.17	82.75	80.38	1995	9	1
2-Sep-95	81.75	82.21	82.33	1995	9	2
3-Sep-95	81	83.08	81.17	1995	9	3
4-Sep-95	79.79	79	80.5	1995	9	4
5-Sep-95	78.38	77.75	78.29	1995	9	5
6-Sep-95	77.42	77.25	77.63	1995	9	6
7-Sep-95	77.5	75.21	75.63	1995	9	7
8-Sep-95	76.83	78.04	77.79	1995	9	8
9-Sep-95	75.83	77	77.88	1995	9	9
10-Sep-95	76.63	78.5	79.33	1995	9	10
11-Sep-95	79.21	81.83	79.79	1995	9	11
12-Sep-95	80.04	80.08	79.38	1995	9	12
13-Sep-95	82.21	78.38	81.83	1995	9	13
14-Sep-95	82.79	77.92	83.63	1995	9	14
15-Sep-95	82.71	78.67	82.58	1995	9	15
16-Sep-95	80.13	79.58	82	1995	9	16
17-Sep-95	82.08	77.63	82.46	1995	9	17
18-Sep-95	81.88	78.67	82.88	1995	9	18
19-Sep-95	80.88	79.54	82.63	1995	9	19
20-Sep-95	79.67	77.38	80.67	1995	9	20
21-Sep-95	80.04	77.5	80.71	1995	9	21
22-Sep-95	82.21	77.96	81.42	1995	9	22
23-Sep-95	81.63	76.38	82	1995	9	23
24-Sep-95	80.42	66.79	81.46	1995	9	24
25-Sep-95	80.25	69.88	80.04	1995	9	25
26-Sep-95	82	75.17	82.21	1995	9	26
27-Sep-95	81.17	77.58	80.46	1995	9	27
28-Sep-95	76.5	77.46	78.92	1995	9	28
29-Sep-95	79.13	76.75	81	1995	9	29
30-Sep-95	80.46	74.38	81.88	1995	9	30
1-Oct-95	79.75	75.13	80.92	1995	10	1
2-Oct-95	81.04	78.75	81.79	1995	10	2
3-Oct-95	80.75	78.5	81.42	1995	10	3
4-Oct-95	83.13	79.04	82.88	1995	10	4
5-Oct-95	78.42	80.04	79.75	1995	10	5
6-Oct-95	77.17	73.83	76.71	1995	10	6
7-Oct-95	78.42	72.79	78.5	1995	10	7
8-Oct-95	77.08	72.63	78.33	1995	10	8
9-Oct-95	80.29	74.08	80.13	1995	10	9
10-Oct-95	77.71	73.67	79.46	1995	10	10
11-Oct-95	79.29	73.58	78.96	1995	10	11

12-Oct-95	80.33	74.08	79.83	1995	10	12
13-Oct-95	80.17	74.75	81	1995	10	13
14-Oct-95	77.96	74.54	78.75	1995	10	14
15-Oct-95	72.63	62.88	73.75	1995	10	15
16-Oct-95	70.96	62.38	71.33	1995	10	16
17-Oct-95	74.21	68.88	73.63	1995	10	17
18-Oct-95	74.42	71.13	75.46	1995	10	18
19-Oct-95	76.83	72.83	78.29	1995	10	19
20-Oct-95	75.75	73	75.67	1995	10	20
21-Oct-95	68.71	56.63	68.25	1995	10	21
22-Oct-95	67.63	56.25	68.33	1995	10	22
23-Oct-95	72.96	67.92	75.29	1995	10	23
24-Oct-95	75.96	71.67	76.08	1995	10	24
25-Oct-95	76.79	71.63	76.38	1995	10	25
26-Oct-95	75.54	69.13	77.08	1995	10	26
27-Oct-95	77.46	76.46	78.04	1995	10	27
28-Oct-95	76.54	68.21	76.42	1995	10	28
29-Oct-95	66.21	58.04	66.88	1995	10	29
30-Oct-95	69.25	62.25	70.04	1995	10	30
31-Oct-95	74.58	68	73.5	1995	10	31
1-Nov-95	77.13	73.33	77.08	1995	11	1
2-Nov-95	78.54	75.75	78.21	1995	11	2
3-Nov-95	77.17	68.79	77.42	1995	11	3
4-Nov-95	69.83	55.71	72.17	1995	11	4
5-Nov-95	68.21	55.67	69.42	1995	11	5
6-Nov-95	71.38	57.58	71.5	1995	11	6
7-Nov-95	74.46	68.46	74.96	1995	11	7
8-Nov-95	67.04	57.42	68.54	1995	11	8
9-Nov-95	58.04	47.13	57.92	1995	11	9
10-Nov-95	66.88	59.17	67.17	1995	11	10
11-Nov-95	72.92	62.04	72.13	1995	11	11
12-Nov-95	55.38	44.58	53.33	1995	11	12
13-Nov-95	61.71	47.13	59.08	1995	11	13
14-Nov-95	60.17	51.33	59.54	1995	11	14
15-Nov-95	50.67	45.67	51.08	1995	11	15
16-Nov-95	55.25	50.63	56.5	1995	11	16
17-Nov-95	59.75	59.08	61.71	1995	11	17
18-Nov-95	64.58	54.96	65.33	1995	11	18
19-Nov-95	64.63	55.96	65.13	1995	11	19
20-Nov-95	64.96	56.79	64.83	1995	11	20
21-Nov-95	65.29	57.29	65.08	1995	11	21
22-Nov-95	56.17	43.79	56	1995	11	22
23-Nov-95	59.96	47.88	58.29	1995	11	23
24-Nov-95	64.88	55.88	63.42	1995	11	24
25-Nov-95	59.38	47.96	59.58	1995	11	25
26-Nov-95	57.25	45.54	55.96	1995	11	26
27-Nov-95	64.42	55.96	65.58	1995	11	27

28-Nov-95	70.83	63.08	71.46	1995	11	28
29-Nov-95	72.67	63.25	70.67	1995	11	29
30-Nov-95	63.33	47.38	63.54	1995	11	30
1-Dec-95	63.92	48.71	61.75	1995	12	1
2-Dec-95	65.25	51.13	64.83	1995	12	2
3-Dec-95	69.25	54.42	64.92	1995	12	3
4-Dec-95	66.04	59.79	64.17	1995	12	4
5-Dec-95	66.46	64.83	65.38	1995	12	5
6-Dec-95	68.29	65.83	66.71	1995	12	6
7-Dec-95	67.79	64.33	67.17	1995	12	7
8-Dec-95	68.25	51.75	67.21	1995	12	8
9-Dec-95	69.21	51.63	69.63	1995	12	9
10-Dec-95	54.21	36.38	54.75	1995	12	10
11-Dec-95	49.42	37.46	49.46	1995	12	11
12-Dec-95	57.17	43.13	58.21	1995	12	12
13-Dec-95	63.79	52	64.96	1995	12	13
14-Dec-95	67.88	57.04	68.21	1995	12	14
15-Dec-95	68.33	61.96	70.58	1995	12	15
16-Dec-95	68.75	64	69.13	1995	12	16
17-Dec-95	68.88	62.29	70.79	1995	12	17
18-Dec-95	70.88	68.63	71.38	1995	12	18
19-Dec-95	70.21	64.25	70.58	1995	12	19
20-Dec-95	55.71	42.83	58.58	1995	12	20
21-Dec-95	48.21	38.38	49.42	1995	12	21
22-Dec-95	49.5	39.46	49	1995	12	22
23-Dec-95	48.29	37.67	47.67	1995	12	23
24-Dec-95	42.17	33.13	42.79	1995	12	24
25-Dec-95	41.83	33.54	42.79	1995	12	25
26-Dec-95	46.13	36.92	48.21	1995	12	26
27-Dec-95	46.63	38.92	49.46	1995	12	27
28-Dec-95	47.13	39.67	47.71	1995	12	28
29-Dec-95	54.54	40.67	54.21	1995	12	29
30-Dec-95	64.88	46.71	63.38	1995	12	30
31-Dec-95	68.38	58.17	66.67	1995	12	31
1-Jan-96	68	63.38	67.42	1996	1	1
2-Jan-96	72.92	66.54	69.29	1996	1	2
3-Jan-96	60.17	47.83	58.88	1996	1	3
4-Jan-96	48.58	39.92	50.17	1996	1	4
5-Jan-96	52.79	46.17	55.83	1996	1	5
6-Jan-96	58.92	49.71	59.96	1996	1	6
7-Jan-96	55.46	41.08	55.71	1996	1	7
8-Jan-96	37.25	30.5	41.5	1996	1	8
9-Jan-96	42.63	36.08	43.21	1996	1	9
10-Jan-96	52.33	45.88	55.25	1996	1	10
11-Jan-96	53.42	43.83	52.63	1996	1	11
12-Jan-96	54.71	46.96	55.67	1996	1	12
13-Jan-96	48	43.83	49.88	1996	1	13

14-Jan-96	52.21	46.92	52.58	1996	1	14
15-Jan-96	56.13	53.25	57.17	1996	1	15
16-Jan-96	61.29	55.75	62.96	1996	1	16
17-Jan-96	63.71	61.67	67.04	1996	1	17
18-Jan-96	68.92	63.54	68.71	1996	1	18
19-Jan-96	63	43.96	57.96	1996	1	19
20-Jan-96	51.75	36.67	51.92	1996	1	20
21-Jan-96	62.13	46.33	57.88	1996	1	21
22-Jan-96	58.96	46.38	60.46	1996	1	22
23-Jan-96	62.88	51.71	64.5	1996	1	23
24-Jan-96	69.88	59	66.46	1996	1	24
25-Jan-96	57.92	45.5	58.08	1996	1	25
26-Jan-96	65.79	58.21	67.63	1996	1	26
27-Jan-96	68.67	57.63	65.17	1996	1	27
28-Jan-96	56.71	43.17	57.58	1996	1	28
29-Jan-96	64	55.38	65.25	1996	1	29
30-Jan-96	66.08	61.67	66.5	1996	1	30
31-Jan-96	68.13	65.46	64.33	1996	1	31
1-Feb-96	68.25	56.21	66.58	1996	2	1
2-Feb-96	71.58	62.63	69.08	1996	2	2
3-Feb-96	61.17	37.08	57.92	1996	2	3
4-Feb-96	42.79	26.67	42.63	1996	2	4
5-Feb-96	38.17	28.04	37.46	1996	2	5
6-Feb-96	47.54	37.5	49.08	1996	2	6
7-Feb-96	55.58	41.29	55.96	1996	2	7
8-Feb-96	60.71	53.13	60.04	1996	2	8
9-Feb-96	61.83	60.21	60.46	1996	2	9
10-Feb-96	62.29	61.96	61.79	1996	2	10
11-Feb-96	64.83	64.63	63	1996	2	11
12-Feb-96	56.5	48.54	55.38	1996	2	12
13-Feb-96	48.54	40.71	48.08	1996	2	13
14-Feb-96	54.17	51.71	55.13	1996	2	14
15-Feb-96	62.92	63.96	62.5	1996	2	15
16-Feb-96	56.67	44.92	55.17	1996	2	16
17-Feb-96	41.79	37.33	42.21	1996	2	17
18-Feb-96	50.71	45.5	54.54	1996	2	18
19-Feb-96	60.92	54.13	59.88	1996	2	19
20-Feb-96	66.83	61.75	64.79	1996	2	20
21-Feb-96	66.63	60.54	67.67	1996	2	21
22-Feb-96	70.54	60.71	68.5	1996	2	22
23-Feb-96	71.25	70.63	67.33	1996	2	23
24-Feb-96	71.88	70.54	69.21	1996	2	24
25-Feb-96	70.96	64.38	66.63	1996	2	25
26-Feb-96	71.5	62.96	67.67	1996	2	26
27-Feb-96	70.96	64.67	67.96	1996	2	27
28-Feb-96	71.29	68.58	69.63	1996	2	28
29-Feb-96	63.54	53.75	65.25	1996	2	29

1-Mar-96	57.58	47.04	57.71	1996	3	1
2-Mar-96	57.42	50.92	58.17	1996	3	2
3-Mar-96	58.08	51	59.71	1996	3	3
4-Mar-96	62.29	55	64.04	1996	3	4
5-Mar-96	67.04	60.29	67.54	1996	3	5
6-Mar-96	72.67	68.67	71.25	1996	3	6
7-Mar-96	73.5	61.54	70.75	1996	3	7
8-Mar-96	53.08	37.17	51.79	1996	3	8
9-Mar-96	43.33	34.33	43.17	1996	3	9
10-Mar-96	49.13	41.04	49.33	1996	3	10
11-Mar-96	48.71	45.92	47.5	1996	3	11
12-Mar-96	54	47.08	52.96	1996	3	12
13-Mar-96	56.08	50.13	54.88	1996	3	13
14-Mar-96	60.75	54.21	58.54	1996	3	14
15-Mar-96	64	58.08	60.58	1996	3	15
16-Mar-96	67.38	66.33	64.96	1996	3	16
17-Mar-96	69.88	67.25	67.71	1996	3	17
18-Mar-96	71.79	63.92	70.96	1996	3	18
19-Mar-96	63.58	55.33	62.38	1996	3	19
20-Mar-96	53.96	45.21	56.13	1996	3	20
21-Mar-96	50.71	47.17	52.88	1996	3	21
22-Mar-96	54.17	48.21	55.54	1996	3	22
23-Mar-96	57.79	52.75	58.96	1996	3	23
24-Mar-96	64.63	57.46	66.83	1996	3	24
25-Mar-96	69.42	60.25	69.04	1996	3	25
26-Mar-96	72.33	63.5	71.25	1996	3	26
27-Mar-96	71.79	65.38	71.67	1996	3	27
28-Mar-96	70.88	67.29	70.29	1996	3	28
29-Mar-96	71.75	69.67	70.29	1996	3	29
30-Mar-96	70.5	63	72.29	1996	3	30
31-Mar-96	67.71	64.42	68.25	1996	3	31
1-Apr-96	67.33	56.96	65.96	1996	4	1
2-Apr-96	58.42	55.17	59.75	1996	4	2
3-Apr-96	63.71	56.33	63.79	1996	4	3
4-Apr-96	68.67	60.46	69.08	1996	4	4
5-Apr-96	72.25	65.67	70.46	1996	4	5
6-Apr-96	70.63	57.54	69.46	1996	4	6
7-Apr-96	67.71	54.67	66.17	1996	4	7
8-Apr-96	65.58	55.04	62.58	1996	4	8
9-Apr-96	65.67	57.33	65.04	1996	4	9
10-Apr-96	59.58	51.25	59.54	1996	4	10
11-Apr-96	61.29	53.67	60	1996	4	11
12-Apr-96	67.42	56.83	65.25	1996	4	12
13-Apr-96	73.92	64.75	70.83	1996	4	13
14-Apr-96	74.5	73.46	72.92	1996	4	14
15-Apr-96	73.92	64.08	70.79	1996	4	15
16-Apr-96	68.29	57.29	65.21	1996	4	16

17-Apr-96	66.79	58.83	64.71	1996	4	17
18-Apr-96	70.88	64.25	70.17	1996	4	18
19-Apr-96	72.58	67.83	72.13	1996	4	19
20-Apr-96	74.08	67.54	74.04	1996	4	20
21-Apr-96	74.63	68.79	75.75	1996	4	21
22-Apr-96	75.71	69.67	76.29	1996	4	22
23-Apr-96	76.75	69.75	75.54	1996	4	23
24-Apr-96	72.58	63.63	73.96	1996	4	24
25-Apr-96	75.17	63.04	72.83	1996	4	25
26-Apr-96	79.46	75.42	75.79	1996	4	26
27-Apr-96	77.88	75.04	76.04	1996	4	27
28-Apr-96	79.25	70.25	77.92	1996	4	28
29-Apr-96	81.92	72.17	79	1996	4	29
30-Apr-96	74.71	63.46	71.92	1996	4	30
1-May-96	72.42	60.88	71.21	1996	5	1
2-May-96	73.67	66.33	75.38	1996	5	2
3-May-96	77.42	71.63	77.33	1996	5	3
4-May-96	80.04	73.75	78.04	1996	5	4
5-May-96	79.71	77.88	78.67	1996	5	5
6-May-96	79.33	76.92	77.83	1996	5	6
7-May-96	78.17	76.71	78.71	1996	5	7
8-May-96	78.25	75	79.13	1996	5	8
9-May-96	78.63	73.96	79.54	1996	5	9
10-May-96	78.25	74.96	78.17	1996	5	10
11-May-96	78.79	75.08	77.58	1996	5	11
12-May-96	78.92	73.67	77.42	1996	5	12
13-May-96	78.79	70.17	78.04	1996	5	13
14-May-96	76.58	73.21	77.25	1996	5	14
15-May-96	77.04	72.88	78.38	1996	5	15
16-May-96	77.33	74.42	78.33	1996	5	16
17-May-96	78.92	75.58	78.29	1996	5	17
18-May-96	79.67	77.67	79.25	1996	5	18
19-May-96	80.33	78.79	79.04	1996	5	19
20-May-96	80.96	79.63	79.92	1996	5	20
21-May-96	75.29	77.75	73.75	1996	5	21
22-May-96	80.38	83.58	77.92	1996	5	22
23-May-96	81.21	83.25	81.92	1996	5	23
24-May-96	81.33	81.96	80.83	1996	5	24
25-May-96	78.29	82.13	79.63	1996	5	25
26-May-96	80.79	79.42	80.5	1996	5	26
27-May-96	82.46	80.67	82.13	1996	5	27
28-May-96	79.13	73.88	81.92	1996	5	28
29-May-96	76.33	75.63	82.29	1996	5	29
30-May-96	80.13	80.83	81.46	1996	5	30
31-May-96	77.04	76.38	79.75	1996	5	31
1-Jun-96	75.54	75	77.38	1996	6	1
2-Jun-96	75.13	74	75.29	1996	6	2

3-Jun-96	76.13	72.25	75.58	1996	6	3
4-Jun-96	78.38	74.04	77.54	1996	6	4
5-Jun-96	79.63	76.75	80	1996	6	5
6-Jun-96	80.96	78.71	81.13	1996	6	6
7-Jun-96	81.54	77.21	80.25	1996	6	7
8-Jun-96	78.75	74.38	79.71	1996	6	8
9-Jun-96	79.38	78.21	81.67	1996	6	9
10-Jun-96	78.96	76	79.58	1996	6	10
11-Jun-96	79	79.13	80.63	1996	6	11
12-Jun-96	79.25	79	79.92	1996	6	12
13-Jun-96	81.75	80.04	81.67	1996	6	13
14-Jun-96	82.42	79.08	81.42	1996	6	14
15-Jun-96	79.29	78.13	80.46	1996	6	15
16-Jun-96	78.54	77.04	78.04	1996	6	16
17-Jun-96	78.79	75.29	77.88	1996	6	17
18-Jun-96	82.04	76.08	80.29	1996	6	18
19-Jun-96	79.13	76.75	80.08	1996	6	19
20-Jun-96	77.75	78.21	79.46	1996	6	20
21-Jun-96	78.21	80.33	81	1996	6	21
22-Jun-96	80.17	79.67	84.08	1996	6	22
23-Jun-96	83.38	82.79	84.08	1996	6	23
24-Jun-96	83.08	86.67	83.75	1996	6	24
25-Jun-96	83.25	86.13	84.13	1996	6	25
26-Jun-96	82.58	82.83	83.88	1996	6	26
27-Jun-96	78.17	80.96	77.54	1996	6	27
28-Jun-96	78.58	80.54	77.67	1996	6	28
29-Jun-96	81.08	83.17	79.92	1996	6	29
30-Jun-96	79.38	81.42	79.75	1996	6	30
1-Jul-96	79.83	83.04	79.33	1996	7	1
2-Jul-96	82.21	84.5	82	1996	7	2
3-Jul-96	82.58	82.46	83.88	1996	7	3
4-Jul-96	78.88	80.5	84.08	1996	7	4
5-Jul-96	77.54	75.92	78.92	1996	7	5
6-Jul-96	76.83	75.96	78.13	1996	7	6
7-Jul-96	79.13	77.33	80.13	1996	7	7
8-Jul-96	81.42	79.17	83.63	1996	7	8
9-Jul-96	79.5	82.25	81.13	1996	7	9
10-Jul-96	81.92	85.21	81.54	1996	7	10
11-Jul-96	82.46	83.17	83.17	1996	7	11
12-Jul-96	80.21	81.63	83	1996	7	12
13-Jul-96	80.25	77.21	83.42	1996	7	13
14-Jul-96	82.71	78.92	83.17	1996	7	14
15-Jul-96	81.92	81.29	82.33	1996	7	15
16-Jul-96	81.5	78.88	81.54	1996	7	16
17-Jul-96	82.42	81.92	84.58	1996	7	17
18-Jul-96	81.71	83	84.08	1996	7	18
19-Jul-96	81.67	82.75	81.75	1996	7	19

20-Jul-96	83.5	82.83	84.13	1996	7	20
21-Jul-96	84.88	84.92	84.79	1996	7	21
22-Jul-96	84.25	85.13	84.92	1996	7	22
23-Jul-96	82.92	81	85.46	1996	7	23
24-Jul-96	81.5	77.71	84.29	1996	7	24
25-Jul-96	83.25	77.17	85.58	1996	7	25
26-Jul-96	83.88	79.46	85.21	1996	7	26
27-Jul-96	82.25	81.79	85.71	1996	7	27
28-Jul-96	81.88	82.13	85.38	1996	7	28
29-Jul-96	82.5	80.08	85.42	1996	7	29
30-Jul-96	83.04	81.08	82.08	1996	7	30
31-Jul-96	80.92	79.17	82.04	1996	7	31
1-Aug-96	79.38	77.63	83.54	1996	8	1
2-Aug-96	79.67	76.25	83.96	1996	8	2
3-Aug-96	77.63	77.63	81	1996	8	3
4-Aug-96	79.58	80.5	83.13	1996	8	4
5-Aug-96	81.38	77.33	83.38	1996	8	5
6-Aug-96	81.17	77	81.75	1996	8	6
7-Aug-96	81.46	78.54	83.75	1996	8	7
8-Aug-96	78.5	78.88	81.96	1996	8	8
9-Aug-96	80.83	79.5	82.46	1996	8	9
10-Aug-96	80.38	77.58	83.38	1996	8	10
11-Aug-96	77.79	80.13	81.13	1996	8	11
12-Aug-96	77	78.38	80.46	1996	8	12
13-Aug-96	78.63	79.83	84.33	1996	8	13
14-Aug-96	78.58	78.46	84.13	1996	8	14
15-Aug-96	78.13	78.25	83.54	1996	8	15
16-Aug-96	79.5	79.42	82.54	1996	8	16
17-Aug-96	79.38	80.21	81.17	1996	8	17
18-Aug-96	79.79	80.21	80.67	1996	8	18
19-Aug-96	79.92	80.96	81.21	1996	8	19
20-Aug-96	79.63	82.29	81.63	1996	8	20
21-Aug-96	80.54	81.71	82.5	1996	8	21
22-Aug-96	80.13	80.21	82.04	1996	8	22
23-Aug-96	79.21	80.92	78.54	1996	8	23
24-Aug-96	78.92	76.04	79.08	1996	8	24
25-Aug-96	78.83	75.21	80.33	1996	8	25
26-Aug-96	77.63	76.63	80.83	1996	8	26
27-Aug-96	79.75	78.63	81.58	1996	8	27
28-Aug-96	81.33	76.5	82.5	1996	8	28
29-Aug-96	80.79	76.42	82.38	1996	8	29
30-Aug-96	79.42	75.54	80.58	1996	8	30
31-Aug-96	79.08	73.25	80.96	1996	8	31
1-Sep-96	81.17	75.33	81	1996	9	1
2-Sep-96	82.46	76	83.17	1996	9	2
3-Sep-96	81.17	78.29	83.5	1996	9	3
4-Sep-96	81.33	77.83	83	1996	9	4

5-Sep-96	82.33	77.88	83.29	1996	9	5
6-Sep-96	80.63	79.29	85.04	1996	9	6
7-Sep-96	80.58	79.08	83.71	1996	9	7
8-Sep-96	79.54	78.46	81.75	1996	9	8
9-Sep-96	76.63	78.75	79.04	1996	9	9
10-Sep-96	75.67	76.04	77.63	1996	9	10
11-Sep-96	75.33	77.46	76.5	1996	9	11
12-Sep-96	78.92	78.08	80.33	1996	9	12
13-Sep-96	80.5	76.92	81.63	1996	9	13
14-Sep-96	78.54	74.67	80.75	1996	9	14
15-Sep-96	79.42	74.92	82.67	1996	9	15
16-Sep-96	79.67	77.96	83.33	1996	9	16
17-Sep-96	81.88	80.5	84.88	1996	9	17
18-Sep-96	79.75	78.04	84.54	1996	9	18
19-Sep-96	78.71	72.13	80.92	1996	9	19
20-Sep-96	77.96	71.88	80	1996	9	20
21-Sep-96	78.42	72.54	79.33	1996	9	21
22-Sep-96	74.83	73.33	78.29	1996	9	22
23-Sep-96	76.54	70.79	76.63	1996	9	23
24-Sep-96	75.88	73.25	77	1996	9	24
25-Sep-96	76.17	72.92	77.67	1996	9	25
26-Sep-96	77.46	76.54	80.88	1996	9	26
27-Sep-96	78.25	78.04	81.38	1996	9	27
28-Sep-96	79.13	76.08	80.83	1996	9	28
29-Sep-96	77.96	72.83	79.79	1996	9	29
30-Sep-96	78.46	75.79	79.21	1996	9	30
1-Oct-96	77.63	74.25	81.42	1996	10	1
2-Oct-96	77.46	73.54	80.17	1996	10	2
3-Oct-96	75.04	74.25	77.96	1996	10	3
4-Oct-96	73.96	72.04	76.54	1996	10	4
5-Oct-96	74.71	66.04	76.46	1996	10	5
6-Oct-96	73.08	65.17	75	1996	10	6
7-Oct-96	75.75	61.75	77.33	1996	10	7
8-Oct-96	74.42	66.13	74.88	1996	10	8
9-Oct-96	72.04	64.88	75.13	1996	10	9
10-Oct-96	69.42	61.63	71.17	1996	10	10
11-Oct-96	68.29	62.17	70.46	1996	10	11
12-Oct-96	70.75	65.88	72.75	1996	10	12
13-Oct-96	71.83	66.29	73.08	1996	10	13
14-Oct-96	72.42	63.67	74.92	1996	10	14
15-Oct-96	72.38	67.42	75.5	1996	10	15
16-Oct-96	74.54	70.04	76.58	1996	10	16
17-Oct-96	75.63	71.83	76.96	1996	10	17
18-Oct-96	75.04	69.42	76.25	1996	10	18
19-Oct-96	65.63	55.25	65.13	1996	10	19
20-Oct-96	60.83	52.58	61.5	1996	10	20
21-Oct-96	64.58	58.29	65.13	1996	10	21

22-Oct-96	68.88	63.88	72.13	1996	10	22
23-Oct-96	72.25	64.13	75.58	1996	10	23
24-Oct-96	74.04	54.33	77.13	1996	10	24
25-Oct-96	74.21	64.21	77.54	1996	10	25
26-Oct-96	76.17	73.63	78.83	1996	10	26
27-Oct-96	76.63	72.25	79.71	1996	10	27
28-Oct-96	75.96	71.79	76.13	1996	10	28
29-Oct-96	74.17	72.83	76.25	1996	10	29
30-Oct-96	75.21	71.04	76	1996	10	30
31-Oct-96	73.83	72.58	75.67	1996	10	31
1-Nov-96	74.46	69.08	76.08	1996	11	1
2-Nov-96	73.88	62.79	75.67	1996	11	2
3-Nov-96	62.04	49.17	60.75	1996	11	3
4-Nov-96	70.17	60.04	69.38	1996	11	4
5-Nov-96	73.25	67.67	75.58	1996	11	5
6-Nov-96	74.08	69.75	76.38	1996	11	6
7-Nov-96	76.21	71.5	77.67	1996	11	7
8-Nov-96	71.67	64.83	71.33	1996	11	8
9-Nov-96	57.25	48	58.38	1996	11	9
10-Nov-96	56.25	49.46	55.75	1996	11	10
11-Nov-96	57.46	46.67	58.63	1996	11	11
12-Nov-96	58.92	49.33	59.58	1996	11	12
13-Nov-96	64.17	53	64	1996	11	13
14-Nov-96	66.04	57.17	66.46	1996	11	14
15-Nov-96	68.04	56.58	67.92	1996	11	15
16-Nov-96	68.79	53.54	68.13	1996	11	16
17-Nov-96	68	63.08	69.21	1996	11	17
18-Nov-96	68.13	62.29	67.71	1996	11	18
19-Nov-96	68.33	62.67	68.25	1996	11	19
20-Nov-96	68.38	65.92	71.46	1996	11	20
21-Nov-96	70.79	69.38	72.42	1996	11	21
22-Nov-96	65.21	58.25	70	1996	11	22
23-Nov-96	61.13	50.33	63.67	1996	11	23
24-Nov-96	66.46	59.04	69.17	1996	11	24
25-Nov-96	71.33	64.38	72.29	1996	11	25
26-Nov-96	65.21	53.63	66.88	1996	11	26
27-Nov-96	58.63	48.08	59.08	1996	11	27
28-Nov-96	61.54	52.46	62.96	1996	11	28
29-Nov-96	63.75	58.13	65.71	1996	11	29
30-Nov-96	69	65.63	70.46	1996	11	30
1-Dec-96	70	65.46	71.13	1996	12	1
2-Dec-96	62.92	49.58	63.88	1996	12	2
3-Dec-96	60.29	46.25	58.63	1996	12	3
4-Dec-96	59.04	50.08	59.25	1996	12	4
5-Dec-96	63.42	54.83	64.17	1996	12	5
6-Dec-96	66.79	59.38	68.75	1996	12	6
7-Dec-96	64.33	65.63	68.13	1996	12	7

8-Dec-96	60.79	50.13	61.29	1996	12	8
9-Dec-96	52.83	46.46	55.46	1996	12	9
10-Dec-96	53.92	49.21	55.33	1996	12	10
11-Dec-96	60.08	56.92	61	1996	12	11
12-Dec-96	63.96	62.67	65.54	1996	12	12
13-Dec-96	65.88	63.04	67.83	1996	12	13
14-Dec-96	60.79	50	61.63	1996	12	14
15-Dec-96	60.04	49.75	61.67	1996	12	15
16-Dec-96	61	51.54	61.29	1996	12	16
17-Dec-96	63.46	58.25	66.79	1996	12	17
18-Dec-96	64.63	42.83	69.08	1996	12	18
19-Dec-96	49.33	34.75	49.08	1996	12	19
20-Dec-96	38.71	31.21	38.29	1996	12	20
21-Dec-96	48.79	37.21	48.29	1996	12	21
22-Dec-96	58.25	45.04	60.08	1996	12	22
23-Dec-96	61.54	54.67	62.29	1996	12	23
24-Dec-96	64.79	56.58	63.67	1996	12	24
25-Dec-96	58.71	48.04	62.38	1996	12	25
26-Dec-96	66.08	57.54	64.63	1996	12	26
27-Dec-96	67.21	60.71	67.67	1996	12	27
28-Dec-96	67.25	64.04	69.42	1996	12	28
29-Dec-96	69.29	64.54	71.63	1996	12	29
30-Dec-96	71.08	64.46	70.83	1996	12	30
31-Dec-96	69.38	62.29	70	1996	12	31
1-Jan-97	68.58	64.13	69	1997	1	1
2-Jan-97	68.29	62.42	66.25	1997	1	2
3-Jan-97	65.25	66.88	63.5	1997	1	3
4-Jan-97	65.96	68.04	67.29	1997	1	4
5-Jan-97	69.13	70.33	70.08	1997	1	5
6-Jan-97	68.79	62.25	70.29	1997	1	6
7-Jan-97	68.83	55.79	69.79	1997	1	7
8-Jan-97	67.33	53.29	70.33	1997	1	8
9-Jan-97	66.63	59.88	67	1997	1	9
10-Jan-97	54.75	43.46	56.54	1997	1	10
11-Jan-97	55.17	42.38	56.63	1997	1	11
12-Jan-97	56.75	41.96	59.25	1997	1	12
13-Jan-97	57.17	43.54	56.88	1997	1	13
14-Jan-97	58.71	48.88	60.08	1997	1	14
15-Jan-97	61.08	55.54	63.75	1997	1	15
16-Jan-97	64.04	51.25	62.75	1997	1	16
17-Jan-97	44.21	35.21	44.96	1997	1	17
18-Jan-97	40.83	32.88	41	1997	1	18
19-Jan-97	41.83	35.58	44.71	1997	1	19
20-Jan-97	51.08	44.79	54	1997	1	20
21-Jan-97	55.29	50.08	56.71	1997	1	21
22-Jan-97	61.71	58.71	63.13	1997	1	22
23-Jan-97	62.88	63.75	64.92	1997	1	23

24-Jan-97	66.96	63.75	68.75	1997	1	24
25-Jan-97	64.38	59.04	65.92	1997	1	25
26-Jan-97	60.79	49.42	62.38	1997	1	26
27-Jan-97	61.21	57.75	65.92	1997	1	27
28-Jan-97	66.04	61.83	69.38	1997	1	28
29-Jan-97	66.67	58.25	68.88	1997	1	29
30-Jan-97	57.33	48.79	60.04	1997	1	30
31-Jan-97	53.46	48.13	57.75	1997	1	31
1-Feb-97	54.13	51.88	57.42	1997	2	1
2-Feb-97	58.71	60.13	61	1997	2	2
3-Feb-97	62.42	62.88	65.17	1997	2	3
4-Feb-97	66.58	62.25	69.71	1997	2	4
5-Feb-97	71.75	60.58	71.29	1997	2	5
6-Feb-97	68.79	55.5	69.33	1997	2	6
7-Feb-97	67.42	57.88	69.58	1997	2	7
8-Feb-97	68.79	59.25	69.5	1997	2	8
9-Feb-97	62.71	48.71	60.17	1997	2	9
10-Feb-97	58.67	48.67	58	1997	2	10
11-Feb-97	54.96	45.29	54.63	1997	2	11
12-Feb-97	58.38	45.08	57.33	1997	2	12
13-Feb-97	70.79	55.71	69.29	1997	2	13
14-Feb-97	74.21	59.79	73.88	1997	2	14
15-Feb-97	67.54	52.71	66.58	1997	2	15
16-Feb-97	58.88	47.46	61.33	1997	2	16
17-Feb-97	60.63	49.46	62.5	1997	2	17
18-Feb-97	65.21	59.25	66.88	1997	2	18
19-Feb-97	70.96	62.79	72.75	1997	2	19
20-Feb-97	71.63	68.75	75.21	1997	2	20
21-Feb-97	74.42	70.75	74.33	1997	2	21
22-Feb-97	71.29	67.63	71.08	1997	2	22
23-Feb-97	65.5	54.17	68.83	1997	2	23
24-Feb-97	66.63	50.33	69.33	1997	2	24
25-Feb-97	67.21	49.88	69.92	1997	2	25
26-Feb-97	72.21	60.21	72.92	1997	2	26
27-Feb-97	74.96	68.33	75.58	1997	2	27
28-Feb-97	75.25	70.67	76.46	1997	2	28
1-Mar-97	74.13	70.46	76.04	1997	3	1
2-Mar-97	75.25	69.46	75.63	1997	3	2
3-Mar-97	76.46	73.5	76	1997	3	3
4-Mar-97	74.42	69.25	74.92	1997	3	4
5-Mar-97	74.79	72.17	74.67	1997	3	5
6-Mar-97	70.79	64.13	73.5	1997	3	6
7-Mar-97	64.17	54	67.83	1997	3	7
8-Mar-97	69.13	61.33	71.75	1997	3	8
9-Mar-97	69.54	63.58	73.17	1997	3	9
10-Mar-97	71.5	66.21	73.46	1997	3	10
11-Mar-97	73.83	66.33	72.88	1997	3	11

12-Mar-97	72.33	68.54	74.46	1997	3	12
13-Mar-97	70.13	70.58	76.38	1997	3	13
14-Mar-97	70.08	69.75	71.75	1997	3	14
15-Mar-97	68.75	62.04	71.54	1997	3	15
16-Mar-97	65.38	57.42	68.5	1997	3	16
17-Mar-97	67.38	60.63	70.04	1997	3	17
18-Mar-97	71.33	66.5	73.75	1997	3	18
19-Mar-97	71.71	70.29	72.67	1997	3	19
20-Mar-97	68.25	68.63	71.92	1997	3	20
21-Mar-97	70.33	64.63	69.46	1997	3	21
22-Mar-97	71.29	70.08	71.58	1997	3	22
23-Mar-97	70.21	64.08	71.08	1997	3	23
24-Mar-97	71.83	63.54	73.42	1997	3	24
25-Mar-97	73.17	69.54	75.13	1997	3	25
26-Mar-97	74.08	69.42	74	1997	3	26
27-Mar-97	73.96	69.25	73.96	1997	3	27
28-Mar-97	73.96	69.33	74.63	1997	3	28
29-Mar-97	72.21	71.92	75.58	1997	3	29
30-Mar-97	73.71	69.63	76.04	1997	3	30
31-Mar-97	71.88	62.58	72.75	1997	3	31
1-Apr-97	62.75	57.83	64.83	1997	4	1
2-Apr-97	65.25	57.17	69	1997	4	2
3-Apr-97	66.04	61.75	69.71	1997	4	3
4-Apr-97	67.83	64.04	73.58	1997	4	4
5-Apr-97	70.71	68.38	74.5	1997	4	5
6-Apr-97	74.08	70.88	75.92	1997	4	6
7-Apr-97	72.54	71.46	74.29	1997	4	7
8-Apr-97	70.92	62.88	72.25	1997	4	8
9-Apr-97	70.54	67	73.04	1997	4	9
10-Apr-97	69.79	66.71	73.33	1997	4	10
11-Apr-97	69.42	66.46	71.46	1997	4	11
12-Apr-97	73.79	69.08	73.08	1997	4	12
13-Apr-97	74.71	64.92	74.29	1997	4	13
14-Apr-97	63.88	55.13	62.75	1997	4	14
15-Apr-97	64.83	60.5	65.25	1997	4	15
16-Apr-97	65.63	64.17	69.04	1997	4	16
17-Apr-97	69	64.92	70.25	1997	4	17
18-Apr-97	61.58	56	62.5	1997	4	18
19-Apr-97	63.25	60.08	63.58	1997	4	19
20-Apr-97	66.5	65.04	69.42	1997	4	20
21-Apr-97	69.92	70	71.96	1997	4	21
22-Apr-97	76.29	75.63	76.46	1997	4	22
23-Apr-97	69.63	66.38	72.13	1997	4	23
24-Apr-97	67.08	62.67	68.79	1997	4	24
25-Apr-97	70.5	67	73.58	1997	4	25
26-Apr-97	70.38	68.96	74.25	1997	4	26
27-Apr-97	78.42	71.67	79.75	1997	4	27

28-Apr-97	73.88	71.63	76.04	1997	4	28
29-Apr-97	71.38	66.96	73.25	1997	4	29
30-Apr-97	69.63	67.04	71.58	1997	4	30
1-May-97	72.83	69.21	74.58	1997	5	1
2-May-97	75.04	72.13	79.33	1997	5	2
3-May-97	80.58	73.33	80.79	1997	5	3
4-May-97	73.63	65.04	75.46	1997	5	4
5-May-97	68.46	62.46	71.58	1997	5	5
6-May-97	70.79	65.79	72.33	1997	5	6
7-May-97	72.83	68.17	73.5	1997	5	7
8-May-97	73.71	70.25	75.88	1997	5	8
9-May-97	76.42	73.29	76.33	1997	5	9
10-May-97	73.25	66.33	76.13	1997	5	10
11-May-97	72.21	64.21	75.96	1997	5	11
12-May-97	70.54	64.25	72.96	1997	5	12
13-May-97	74.63	70.29	74.33	1997	5	13
14-May-97	74.08	69.88	75.04	1997	5	14
15-May-97	75.29	72.63	74.5	1997	5	15
16-May-97	74.75	71.54	76.5	1997	5	16
17-May-97	76.08	71.5	76.25	1997	5	17
18-May-97	76.21	72.96	77.29	1997	5	18
19-May-97	77.83	72.54	80.04	1997	5	19
20-May-97	81.17	77.5	80.38	1997	5	20
21-May-97	81.13	76.33	80.58	1997	5	21
22-May-97	78.54	74.04	81.13	1997	5	22
23-May-97	76.79	72.46	80.38	1997	5	23
24-May-97	77.25	75.5	80	1997	5	24
25-May-97	77.42	72.33	80.17	1997	5	25
26-May-97	80.04	76.79	81.92	1997	5	26
27-May-97	79.79	79.08	82.04	1997	5	27
28-May-97	73.58	72.67	77.21	1997	5	28
29-May-97	74.25	74.58	78	1997	5	29
30-May-97	75.54	75.08	77.58	1997	5	30
31-May-97	75.92	73.71	79.17	1997	5	31
1-Jun-97	73.58	73.29	77.54	1997	6	1
2-Jun-97	75.96	72.63	77.21	1997	6	2
3-Jun-97	75.58	72.38	77.17	1997	6	3
4-Jun-97	77.29	74.58	76.79	1997	6	4
5-Jun-97	78.21	66.63	77.71	1997	6	5
6-Jun-97	76.54	70.25	76.67	1997	6	6
7-Jun-97	73.38	69.79	75.21	1997	6	7
8-Jun-97	75.08	72.46	76.75	1997	6	8
9-Jun-97	75.13	72.67	76.21	1997	6	9
10-Jun-97	76.04	76.04	78.38	1997	6	10
11-Jun-97	77.38	75.5	79.21	1997	6	11
12-Jun-97	77.67	76.54	81.17	1997	6	12
13-Jun-97	76.79	75.67	80.54	1997	6	13

14-Jun-97	76.88	82.08	83.25	1997	6	14
15-Jun-97	80.17	80.71	83.42	1997	6	15
16-Jun-97	81.25	77.79	83.67	1997	6	16
17-Jun-97	78	82.5	85.08	1997	6	17
18-Jun-97	82.88	78.13	85.33	1997	6	18
19-Jun-97	83.79	75.29	84.83	1997	6	19
20-Jun-97	80.13	74.58	84.58	1997	6	20
21-Jun-97	79.67	75.79	84.33	1997	6	21
22-Jun-97	80.25	77.17	82.25	1997	6	22
23-Jun-97	79.33	78.92	80.46	1997	6	23
24-Jun-97	78.25	76.29	78.38	1997	6	24
25-Jun-97	81.08	75.17	79.88	1997	6	25
26-Jun-97	81.58	77.71	80.42	1997	6	26
27-Jun-97	78.54	76.63	82	1997	6	27
28-Jun-97	78.75	79.83	81.29	1997	6	28
29-Jun-97	79.67	77.33	83.13	1997	6	29
30-Jun-97	82.63	77.79	83.42	1997	6	30
1-Jul-97	82.21	78.29	82.5	1997	7	1
2-Jul-97	83.42	83.46	84.54	1997	7	2
3-Jul-97	86.54	86.88	86.33	1997	7	3
4-Jul-97	83.67	87.17	84.38	1997	7	4
5-Jul-97	77.54	78	78.96	1997	7	5
6-Jul-97	75.75	77.5	79.25	1997	7	6
7-Jul-97	81.29	76.75	83.54	1997	7	7
8-Jul-97	80.08	77.13	82.25	1997	7	8
9-Jul-97	79.42	80.17	82.04	1997	7	9
10-Jul-97	80.21	82.67	82.63	1997	7	10
11-Jul-97	75.5	83.79	80.79	1997	7	11
12-Jul-97	78.21	81.58	80	1997	7	12
13-Jul-97	81.04	81.08	81.25	1997	7	13
14-Jul-97	79.29	81.5	79.42	1997	7	14
15-Jul-97	79.83	81	80.88	1997	7	15
16-Jul-97	79.38	81.5	81.13	1997	7	16
17-Jul-97	80.17	76.29	82.46	1997	7	17
18-Jul-97	78.58	75.67	81.79	1997	7	18
19-Jul-97	76	75.38	77.83	1997	7	19
20-Jul-97	78.33	79.08	78.54	1997	7	20
21-Jul-97	80.79	78.96	82.21	1997	7	21
22-Jul-97	80.21	81.08	81.5	1997	7	22
23-Jul-97	81.96	82.5	83.29	1997	7	23
24-Jul-97	82.33	83.08	83.5	1997	7	24
25-Jul-97	82.33	82.29	82.75	1997	7	25
26-Jul-97	79.38	80.83	83.63	1997	7	26
27-Jul-97	78.58	82	81.71	1997	7	27
28-Jul-97	79.58	81.04	81.54	1997	7	28
29-Jul-97	78.71	79.88	81.96	1997	7	29
30-Jul-97	81.5	80.04	82.83	1997	7	30

31-Jul-97	80.46	77.33	84.75	1997	7	31
1-Aug-97	79.42	73.33	80.21	1997	8	1
2-Aug-97	78.58	76.13	78.96	1997	8	2
3-Aug-97	77.79	78.58	80.58	1997	8	3
4-Aug-97	78.04	79.58	81.25	1997	8	4
5-Aug-97	80.33	82.13	81.08	1997	8	5
6-Aug-97	79.83	82	83.58	1997	8	6
7-Aug-97	78.38	79.58	80.79	1997	8	7
8-Aug-97	79.13	77.71	80.63	1997	8	8
9-Aug-97	80.79	77.04	80.75	1997	8	9
10-Aug-97	78.88	77.83	79.96	1997	8	10
11-Aug-97	80.63	80.25	81.5	1997	8	11
12-Aug-97	83.13	82	83.42	1997	8	12
13-Aug-97	82.46	82.29	83.75	1997	8	13
14-Aug-97	83.75	82.21	84.54	1997	8	14
15-Aug-97	82.58	79.96	84.67	1997	8	15
16-Aug-97	81.17	79.71	81.58	1997	8	16
17-Aug-97	82.83	81.67	82.79	1997	8	17
18-Aug-97	83.21	83.54	83.5	1997	8	18
19-Aug-97	82.96	83.38	84.75	1997	8	19
20-Aug-97	81.42	82.29	84.58	1997	8	20
21-Aug-97	81.42	80.46	84.54	1997	8	21
22-Aug-97	82.08	75.33	81.42	1997	8	22
23-Aug-97	80.25	74.79	80.54	1997	8	23
24-Aug-97	80.21	80.38	81.13	1997	8	24
25-Aug-97	79.88	80.08	81.54	1997	8	25
26-Aug-97	79.67	77.25	81.79	1997	8	26
27-Aug-97	78.96	78.58	81.58	1997	8	27
28-Aug-97	79.04	79.92	80.58	1997	8	28
29-Aug-97	81.79	79.96	82.38	1997	8	29
30-Aug-97	80.54	82.63	82.5	1997	8	30
31-Aug-97	80.46	78.58	82.5	1997	8	31
1-Sep-97	78.38	80.58	79.25	1997	9	1
2-Sep-97	80.88	81.75	81.54	1997	9	2
3-Sep-97	79.21	83.54	83.13	1997	9	3
4-Sep-97	80	81	83.17	1997	9	4
5-Sep-97	78.13	77.42	80.33	1997	9	5
6-Sep-97	77.46	76.25	78.83	1997	9	6
7-Sep-97	78	76.29	79.38	1997	9	7
8-Sep-97	77.13	76.79	80.21	1997	9	8
9-Sep-97	78.96	76.88	79.42	1997	9	9
10-Sep-97	80.08	76.25	80.58	1997	9	10
11-Sep-97	80.63	76	82	1997	9	11
12-Sep-97	79.42	79.25	81.42	1997	9	12
13-Sep-97	80.29	80.79	80.92	1997	9	13
14-Sep-97	81.21	81.08	82.96	1997	9	14
15-Sep-97	80.13	80.79	81.92	1997	9	15

16-Sep-97	80.79	79.21	81.17	1997	9	16
17-Sep-97	80.92	78.29	82.46	1997	9	17
18-Sep-97	80.04	79.75	82.46	1997	9	18
19-Sep-97	77.96	80.08	81.38	1997	9	19
20-Sep-97	79.08	82.25	82.67	1997	9	20
21-Sep-97	78.79	83.88	83.79	1997	9	21
22-Sep-97	79.13	82.25	81.88	1997	9	22
23-Sep-97	78.83	79.79	79.04	1997	9	23
24-Sep-97	80.38	77.75	81.21	1997	9	24
25-Sep-97	80.71	78.21	82	1997	9	25
26-Sep-97	77.71	71.46	77.58	1997	9	26
27-Sep-97	75.88	75.46	76.71	1997	9	27
28-Sep-97	79.92	74.5	81.42	1997	9	28
29-Sep-97	78	75.54	80.96	1997	9	29
30-Sep-97	78.92	76.63	79.38	1997	9	30
1-Oct-97	79.29	77.5	80.13	1997	10	1
2-Oct-97	75.83	72.13	78.71	1997	10	2
3-Oct-97	76.25	73.13	77.63	1997	10	3
4-Oct-97	77.42	72.29	78.25	1997	10	4
5-Oct-97	75.92	78.67	78.13	1997	10	5
6-Oct-97	75.88	76.54	78.13	1997	10	6
7-Oct-97	75.38	76.33	78.17	1997	10	7
8-Oct-97	77.83	78.04	78.96	1997	10	8
9-Oct-97	77.79	79.38	79.04	1997	10	9
10-Oct-97	76.96	77.92	78	1997	10	10
11-Oct-97	75.17	75.38	76.46	1997	10	11
12-Oct-97	75.21	76.25	77.46	1997	10	12
13-Oct-97	76.33	75.42	78.54	1997	10	13
14-Oct-97	76.46	74.5	77.92	1997	10	14
15-Oct-97	75.21	72.17	76.67	1997	10	15
16-Oct-97	74.5	68.08	75.29	1997	10	16
17-Oct-97	73.04	66.75	73.54	1997	10	17
18-Oct-97	70.63	62.67	70.5	1997	10	18
19-Oct-97	65.88	59.04	67.54	1997	10	19
20-Oct-97	66.5	57.92	65.88	1997	10	20
21-Oct-97	66.25	60.83	66.79	1997	10	21
22-Oct-97	66.54	60.08	68.46	1997	10	22
23-Oct-97	66.92	58.54	70.21	1997	10	23
24-Oct-97	71.21	64.38	73.04	1997	10	24
25-Oct-97	76.79	73.04	76.67	1997	10	25
26-Oct-97	77.96	76.13	78.21	1997	10	26
27-Oct-97	69.75	59.67	72.79	1997	10	27
28-Oct-97	58.25	51.46	58.54	1997	10	28
29-Oct-97	64.5	57.08	62.96	1997	10	29
30-Oct-97	69.25	60.88	70.5	1997	10	30
31-Oct-97	71.33	64.54	72.08	1997	10	31
1-Nov-97	76.42	69.33	76.5	1997	11	1

2-Nov-97	71.96	64.04	72.92	1997	11	2
3-Nov-97	63.38	55.79	67.33	1997	11	3
4-Nov-97	62.13	50.63	63.96	1997	11	4
5-Nov-97	64.71	53	65.21	1997	11	5
6-Nov-97	68.79	57.79	68	1997	11	6
7-Nov-97	63.67	54.58	65.67	1997	11	7
8-Nov-97	55.88	52	58.5	1997	11	8
9-Nov-97	56.29	52.17	59.21	1997	11	9
10-Nov-97	59.75	53.29	65.21	1997	11	10
11-Nov-97	66.46	56.17	68.83	1997	11	11
12-Nov-97	69.25	56.08	71.79	1997	11	12
13-Nov-97	72.29	71.5	72.83	1997	11	13
14-Nov-97	72.5	66.58	71.96	1997	11	14
15-Nov-97	64.58	54.46	63.88	1997	11	15
16-Nov-97	60.5	48.42	59.58	1997	11	16
17-Nov-97	54.67	41.96	53.42	1997	11	17
18-Nov-97	61.08	45.13	59.46	1997	11	18
19-Nov-97	63.71	52.38	63.75	1997	11	19
20-Nov-97	67.08	56.25	67.46	1997	11	20
21-Nov-97	70.5	65.75	72.21	1997	11	21
22-Nov-97	72.04	72.21	71.96	1997	11	22
23-Nov-97	70.79	62.17	69.67	1997	11	23
24-Nov-97	61.08	51.88	59.83	1997	11	24
25-Nov-97	61.88	47.54	62.13	1997	11	25
26-Nov-97	64.63	53.33	63.71	1997	11	26
27-Nov-97	64.38	56.96	65	1997	11	27
28-Nov-97	68.54	61.13	69.04	1997	11	28
29-Nov-97	70.58	65.63	71.75	1997	11	29
30-Nov-97	68.83	63.79	67.42	1997	11	30
1-Dec-97	60.46	54	62.08	1997	12	1
2-Dec-97	63.79	54.04	60.79	1997	12	2
3-Dec-97	69.67	61.04	67.67	1997	12	3
4-Dec-97	68.71	61.58	67.83	1997	12	4
5-Dec-97	58.75	44.83	57.83	1997	12	5
6-Dec-97	50.33	37.96	51.17	1997	12	6
7-Dec-97	47.63	39.83	48.17	1997	12	7
8-Dec-97	55.5	44.67	56.38	1997	12	8
9-Dec-97	69.92	63.54	68.38	1997	12	9
10-Dec-97	71.58	73.04	69.38	1997	12	10
11-Dec-97	71	55.88	70.25	1997	12	11
12-Dec-97	64.13	47.5	65.08	1997	12	12
13-Dec-97	63.42	47.42	63.92	1997	12	13
14-Dec-97	57	44.83	56.92	1997	12	14
15-Dec-97	48.21	45.58	51.13	1997	12	15
16-Dec-97	54.21	46.79	56.38	1997	12	16
17-Dec-97	55.17	43.75	55.71	1997	12	17
18-Dec-97	53.42	48.21	56.42	1997	12	18

19-Dec-97	56.29	47.21	55.33	1997	12	19
20-Dec-97	60.96	48.29	62.08	1997	12	20
21-Dec-97	65.08	58.04	66.63	1997	12	21
22-Dec-97	72.54	68.83	71.67	1997	12	22
23-Dec-97	71.08	65.38	71.67	1997	12	23
24-Dec-97	72.71	67.79	72.54	1997	12	24
25-Dec-97	73.13	59.58	70.42	1997	12	25
26-Dec-97	67.46	52.21	68.17	1997	12	26
27-Dec-97	65.71	50	64.54	1997	12	27
28-Dec-97	48	37.79	46.79	1997	12	28
29-Dec-97	52.33	42.46	53.92	1997	12	29
30-Dec-97	49.67	43.96	53.33	1997	12	30
31-Dec-97	54.88	43.79	57.88	1997	12	31
1-Jan-98	49.83	36.08	50.38	1998	1	1
2-Jan-98	58.96	47.67	58.83	1998	1	2
3-Jan-98	65.88	60.79	66.79	1998	1	3
4-Jan-98	69.54	64.75	72.17	1998	1	4
5-Jan-98	71.63	70	74.29	1998	1	5
6-Jan-98	71.96	68.92	73.42	1998	1	6
7-Jan-98	75.83	69.04	75.75	1998	1	7
8-Jan-98	70.08	63.38	70.42	1998	1	8
9-Jan-98	64.13	53.88	64.38	1998	1	9
10-Jan-98	57.92	45.33	59.21	1998	1	10
11-Jan-98	56.96	46.25	58.83	1998	1	11
12-Jan-98	61.08	50.92	62.92	1998	1	12
13-Jan-98	64.71	59.96	67.96	1998	1	13
14-Jan-98	66.54	63.04	68.13	1998	1	14
15-Jan-98	67.21	61.25	68.29	1998	1	15
16-Jan-98	63.83	51.38	63.79	1998	1	16
17-Jan-98	56.08	47.63	58.83	1998	1	17
18-Jan-98	56.71	49.71	61.46	1998	1	18
19-Jan-98	61.08	55.17	63.08	1998	1	19
20-Jan-98	55.83	44.67	57.08	1998	1	20
21-Jan-98	62.33	50.54	62.67	1998	1	21
22-Jan-98	68	60.33	70.88	1998	1	22
23-Jan-98	67.5	63.58	68.96	1998	1	23
24-Jan-98	62.92	54.29	61.71	1998	1	24
25-Jan-98	52.38	42.42	54.13	1998	1	25
26-Jan-98	58.21	48.79	58.88	1998	1	26
27-Jan-98	64.67	54.92	64.58	1998	1	27
28-Jan-98	56.13	50.5	57.08	1998	1	28
29-Jan-98	54.63	47.04	55.08	1998	1	29
30-Jan-98	55.5	49.46	56.63	1998	1	30
31-Jan-98	55.71	44.71	56.38	1998	1	31
1-Feb-98	58.79	53.21	59.67	1998	2	1
2-Feb-98	66.67	57.5	67.92	1998	2	2
3-Feb-98	67.79	62.58	67.71	1998	2	3

4-Feb-98	57.29	47.38	58.96	1998	2	4
5-Feb-98	53.38	45.46	56.13	1998	2	5
6-Feb-98	49.29	43.21	52.5	1998	2	6
7-Feb-98	49.17	43.96	52.08	1998	2	7
8-Feb-98	51.08	40.83	53.54	1998	2	8
9-Feb-98	51.33	45.17	54	1998	2	9
10-Feb-98	55.58	49.13	56.92	1998	2	10
11-Feb-98	64.25	58.63	64.54	1998	2	11
12-Feb-98	65.13	52	62.5	1998	2	12
13-Feb-98	54.75	48.08	54.79	1998	2	13
14-Feb-98	53.75	47.71	55.67	1998	2	14
15-Feb-98	60.08	56.54	61.67	1998	2	15
16-Feb-98	68.92	67.21	68.79	1998	2	16
17-Feb-98	73.83	65.75	70.79	1998	2	17
18-Feb-98	66.38	59.13	65.79	1998	2	18
19-Feb-98	63.75	51.75	64.42	1998	2	19
20-Feb-98	66.29	58.67	64.92	1998	2	20
21-Feb-98	61.13	54.46	62.13	1998	2	21
22-Feb-98	69.29	54.92	71.17	1998	2	22
23-Feb-98	64.25	54.5	64.33	1998	2	23
24-Feb-98	59.58	54.92	59.63	1998	2	24
25-Feb-98	61.13	55.67	63.54	1998	2	25
26-Feb-98	63.17	58.96	67.04	1998	2	26
27-Feb-98	69.33	68.38	70.08	1998	2	27
28-Feb-98	69.54	66.46	70.25	1998	2	28
1-Mar-98	66.79	62.75	66.88	1998	3	1
2-Mar-98	57.79	51.04	59.25	1998	3	2
3-Mar-98	55.38	46.58	58.88	1998	3	3
4-Mar-98	53.25	44.67	54.75	1998	3	4
5-Mar-98	60.46	52.38	62.92	1998	3	5
6-Mar-98	69.21	62.29	69.29	1998	3	6
7-Mar-98	71.33	62.08	71.79	1998	3	7
8-Mar-98	75.38	66.38	75.38	1998	3	8
9-Mar-98	67.29	53.83	65.17	1998	3	9
10-Mar-98	52.25	45.96	52.29	1998	3	10
11-Mar-98	49.92	40.63	49	1998	3	11
12-Mar-98	47.17	39.54	49	1998	3	12
13-Mar-98	51.21	41.13	50.13	1998	3	13
14-Mar-98	55.67	50.33	56.04	1998	3	14
15-Mar-98	59.83	56.13	62	1998	3	15
16-Mar-98	65	58.88	67.79	1998	3	16
17-Mar-98	69.42	64.17	71.17	1998	3	17
18-Mar-98	71.67	64.13	72.71	1998	3	18
19-Mar-98	65.79	65.58	65.83	1998	3	19
20-Mar-98	67.54	65.17	66.79	1998	3	20
21-Mar-98	58.71	49.33	59.88	1998	3	21
22-Mar-98	54.13	51.46	53.88	1998	3	22

23-Mar-98	57	53.04	57.75	1998	3	23
24-Mar-98	61.71	57.58	61	1998	3	24
25-Mar-98	66.25	59.79	67.33	1998	3	25
26-Mar-98	67.71	65.46	69.71	1998	3	26
27-Mar-98	68.33	66.04	70.54	1998	3	27
28-Mar-98	71.33	65.71	71.92	1998	3	28
29-Mar-98	72.71	67.63	75.79	1998	3	29
30-Mar-98	72.17	69.96	74.25	1998	3	30
31-Mar-98	75.17	72.04	76.38	1998	3	31
1-Apr-98	76.25	72.92	76.25	1998	4	1
2-Apr-98	76.5	72.96	76.58	1998	4	2
3-Apr-98	76.67	75.88	75.75	1998	4	3
4-Apr-98	74.79	71.29	74	1998	4	4
5-Apr-98	64.71	59.75	64.46	1998	4	5
6-Apr-98	67	60.54	67.71	1998	4	6
7-Apr-98	72.92	66.88	74.13	1998	4	7
8-Apr-98	74.46	72.5	76.08	1998	4	8
9-Apr-98	75.25	74.83	74.63	1998	4	9
10-Apr-98	66.08	61.21	67.25	1998	4	10
11-Apr-98	60.42	58.29	62.08	1998	4	11
12-Apr-98	62.58	57.58	64.88	1998	4	12
13-Apr-98	64.67	59.92	67.96	1998	4	13
14-Apr-98	67.13	63.88	69.54	1998	4	14
15-Apr-98	69.54	68.83	73.25	1998	4	15
16-Apr-98	74.17	70.88	74.71	1998	4	16
17-Apr-98	75.71	72.08	75.38	1998	4	17
18-Apr-98	75.54	72.33	77.21	1998	4	18
19-Apr-98	77.13	67.67	76.5	1998	4	19
20-Apr-98	72.63	65.63	73.83	1998	4	20
21-Apr-98	72.29	64.33	71.33	1998	4	21
22-Apr-98	69.33	62.33	69.17	1998	4	22
23-Apr-98	63.92	58.33	66.33	1998	4	23
24-Apr-98	64.17	60	66.25	1998	4	24
25-Apr-98	67.33	62	67.5	1998	4	25
26-Apr-98	69.54	62.46	71.08	1998	4	26
27-Apr-98	73.25	66.21	74.46	1998	4	27
28-Apr-98	73.88	69.04	75.54	1998	4	28
29-Apr-98	73.83	70.04	75.79	1998	4	29
30-Apr-98	73	71.79	73.38	1998	4	30
1-May-98	73.04	72.88	73.71	1998	5	1
2-May-98	71.75	69.83	74.08	1998	5	2
3-May-98	72.54	74.08	74.54	1998	5	3
4-May-98	67.71	75.29	72.67	1998	5	4
5-May-98	71.13	70.54	74.38	1998	5	5
6-May-98	74.13	70	75.33	1998	5	6
7-May-98	77.5	77.42	78.25	1998	5	7
8-May-98	79.83	81	79.92	1998	5	8

9-May-98	79.38	75.88	79.29	1998	5	9
10-May-98	79.21	79.38	80.13	1998	5	10
11-May-98	77.96	75.21	76.5	1998	5	11
12-May-98	77.17	74.29	76.79	1998	5	12
13-May-98	78.75	76.63	79.17	1998	5	13
14-May-98	77.29	79.29	79.88	1998	5	14
15-May-98	76.71	80.92	81.21	1998	5	15
16-May-98	75.5	78.63	77.13	1998	5	16
17-May-98	75.17	80.71	78.13	1998	5	17
18-May-98	75.17	82.08	78.92	1998	5	18
19-May-98	77.17	80.96	80.58	1998	5	19
20-May-98	76.21	80.67	80.25	1998	5	20
21-May-98	81.04	82.75	81	1998	5	21
22-May-98	81.25	79.96	80.17	1998	5	22
23-May-98	80.88	80.63	80.54	1998	5	23
24-May-98	80.38	80.58	80.13	1998	5	24
25-May-98	81.5	79.63	81.46	1998	5	25
26-May-98	81.38	78.63	82.71	1998	5	26
27-May-98	79.75	77.21	78.88	1998	5	27
28-May-98	77.17	79	77.04	1998	5	28
29-May-98	78.96	80.17	79.79	1998	5	29
30-May-98	77.71	79.92	79.17	1998	5	30
31-May-98	79.63	79.33	81.04	1998	5	31
1-Jun-98	82.46	84.79	83	1998	6	1
2-Jun-98	84.29	87.88	83.63	1998	6	2
3-Jun-98	84.5	85.54	83.71	1998	6	3
4-Jun-98	85.13	85.5	84	1998	6	4
5-Jun-98	85.75	83.67	85.83	1998	6	5
6-Jun-98	86.13	79.17	85.79	1998	6	6
7-Jun-98	81.71	79.04	84	1998	6	7
8-Jun-98	78.04	78.38	81.75	1998	6	8
9-Jun-98	79.92	79.38	82.67	1998	6	9
10-Jun-98	83.58	83.42	83.17	1998	6	10
11-Jun-98	82.96	84.33	85.04	1998	6	11
12-Jun-98	85.54	84.58	85.33	1998	6	12
13-Jun-98	84	86.58	84.96	1998	6	13
14-Jun-98	85.5	85.79	85.5	1998	6	14
15-Jun-98	84.67	86.33	85.88	1998	6	15
16-Jun-98	85.67	85.5	86.79	1998	6	16
17-Jun-98	86.46	85.46	86.71	1998	6	17
18-Jun-98	85.29	86.42	87.42	1998	6	18
19-Jun-98	85.5	87.21	87.17	1998	6	19
20-Jun-98	83.54	82.63	88.17	1998	6	20
21-Jun-98	80.75	83.88	87.79	1998	6	21
22-Jun-98	82.83	84.75	87.25	1998	6	22
23-Jun-98	84.92	80.58	86.08	1998	6	23
24-Jun-98	86.13	84.29	83.67	1998	6	24

25-Jun-98	81.79	82.08	84	1998	6	25
26-Jun-98	81.38	82.08	83.33	1998	6	26
27-Jun-98	81.75	83.46	80.63	1998	6	27
28-Jun-98	83.67	84.83	83.5	1998	6	28
29-Jun-98	84.71	86.5	85.08	1998	6	29
30-Jun-98	84.29	88.29	84.25	1998	6	30
1-Jul-98	85.71	85	85.96	1998	7	1
2-Jul-98	88.63	85.13	87.88	1998	7	2
3-Jul-98	87.21	84.54	86.54	1998	7	3
4-Jul-98	84.88	82.08	86.75	1998	7	4
5-Jul-98	81.88	87.75	84.42	1998	7	5
6-Jul-98	79.46	87.33	84.33	1998	7	6
7-Jul-98	78.75	85.08	81.33	1998	7	7
8-Jul-98	80.17	85.83	81.5	1998	7	8
9-Jul-98	82.63	80.54	82.42	1998	7	9
10-Jul-98	79.46	84.5	80.83	1998	7	10
11-Jul-98	81.92	88.17	83.21	1998	7	11
12-Jul-98	78.75	85.75	83.92	1998	7	12
13-Jul-98	79.75	78.5	80.83	1998	7	13
14-Jul-98	79.42	78.83	80	1998	7	14
15-Jul-98	78.58	83.25	78.25	1998	7	15
16-Jul-98	79.25	83.25	78.92	1998	7	16
17-Jul-98	82.83	80.79	82	1998	7	17
18-Jul-98	82.92	81.21	84.21	1998	7	18
19-Jul-98	78.5	80.33	81.79	1998	7	19
20-Jul-98	79	78.29	79.83	1998	7	20
21-Jul-98	79.79	80.58	78.67	1998	7	21
22-Jul-98	82.58	78.58	80.83	1998	7	22
23-Jul-98	83.71	78.08	82.71	1998	7	23
24-Jul-98	83.83	78.25	84.04	1998	7	24
25-Jul-98	84.13	78.25	84.54	1998	7	25
26-Jul-98	83.58	82.25	83.5	1998	7	26
27-Jul-98	85.33	81	84.21	1998	7	27
28-Jul-98	84.38	80.79	84.79	1998	7	28
29-Jul-98	81.33	79.63	85.21	1998	7	29
30-Jul-98	82.75	79.5	84.58	1998	7	30
31-Jul-98	81.83	82.13	83.46	1998	7	31
1-Aug-98	79.58	82	80.04	1998	8	1
2-Aug-98	80.46	81.25	80.25	1998	8	2
3-Aug-98	80.21	80.83	81.46	1998	8	3
4-Aug-98	79.63	82.21	80.83	1998	8	4
5-Aug-98	76.83	83.58	79.58	1998	8	5
6-Aug-98	77.25	82.79	79.17	1998	8	6
7-Aug-98	79.5	77.88	79.13	1998	8	7
8-Aug-98	79.92	78.54	79.96	1998	8	8
9-Aug-98	82	78.42	81.21	1998	8	9
10-Aug-98	81.67	81.42	82.83	1998	8	10

11-Aug-98	83.54	83.5	84.63	1998	8	11
12-Aug-98	83.83	84.17	84.71	1998	8	12
13-Aug-98	82.96	84	85.17	1998	8	13
14-Aug-98	81.08	77.08	85.83	1998	8	14
15-Aug-98	82.38	80.67	83.63	1998	8	15
16-Aug-98	82.63	78.79	82.88	1998	8	16
17-Aug-98	83.21	80.79	82.63	1998	8	17
18-Aug-98	83.88	80.13	83.17	1998	8	18
19-Aug-98	81.46	78.38	80.63	1998	8	19
20-Aug-98	80.79	81.33	79.46	1998	8	20
21-Aug-98	79.21	79.96	80.13	1998	8	21
22-Aug-98	78.33	80.38	79.88	1998	8	22
23-Aug-98	81.38	81.33	83.04	1998	8	23
24-Aug-98	81.83	81.17	82.83	1998	8	24
25-Aug-98	82.54	82.04	83.33	1998	8	25
26-Aug-98	83.25	84.17	85.79	1998	8	26
27-Aug-98	84.08	85.46	85.58	1998	8	27
28-Aug-98	84.42	84.58	85.17	1998	8	28
29-Aug-98	84.5	82.25	85.08	1998	8	29
30-Aug-98	80.71	84.88	84.17	1998	8	30
31-Aug-98	82.79	83.92	83.67	1998	8	31
1-Sep-98	82.46	78.17	82.88	1998	9	1
2-Sep-98	79.25	72.29	79.96	1998	9	2
3-Sep-98	80.92	77.54	80.92	1998	9	3
4-Sep-98	80.83	79.08	82	1998	9	4
5-Sep-98	80.96	81.79	80.79	1998	9	5
6-Sep-98	81.42	78.54	79.92	1998	9	6
7-Sep-98	78.79	78.46	79.17	1998	9	7
8-Sep-98	78.67	80.04	80.46	1998	9	8
9-Sep-98	79.71	77.71	81.04	1998	9	9
10-Sep-98	78.29	74.08	80.71	1998	9	10
11-Sep-98	77.42	75.25	79.25	1998	9	11
12-Sep-98	76.13	75.92	78.04	1998	9	12
13-Sep-98	77.46	75.13	79.88	1998	9	13
14-Sep-98	78.08	78.96	80.04	1998	9	14
15-Sep-98	79.54	80.42	79.42	1998	9	15
16-Sep-98	76.75	79.63	79.75	1998	9	16
17-Sep-98	77.92	78.79	78.92	1998	9	17
18-Sep-98	76.92	78.25	77.38	1998	9	18
19-Sep-98	77.38	79.25	78.54	1998	9	19
20-Sep-98	75.71	76.38	78.79	1998	9	20
21-Sep-98	77.83	77.46	81.75	1998	9	21
22-Sep-98	77.96	79	82.33	1998	9	22
23-Sep-98	79.88	82	82.04	1998	9	23
24-Sep-98	79.29	78	80.92	1998	9	24
25-Sep-98	81	77.5	78.5	1998	9	25
26-Sep-98	81.21	81.21	80.04	1998	9	26

27-Sep-98	81.58	80.46	81.54	1998	9	27
28-Sep-98	80.21	81.42	81.58	1998	9	28
29-Sep-98	80.46	78.17	81.42	1998	9	29
30-Sep-98	79.38	77.33	80.42	1998	9	30
1-Oct-98	81.25	77.67	80.92	1998	10	1
2-Oct-98	80.29	78.38	80.13	1998	10	2
3-Oct-98	81.04	77.63	80.38	1998	10	3
4-Oct-98	79.5	77.33	79.46	1998	10	4
5-Oct-98	80.17	78.04	81.08	1998	10	5
6-Oct-98	80.71	79.04	81.46	1998	10	6
7-Oct-98	80.58	78.46	82	1998	10	7
8-Oct-98	80.63	76.58	80.13	1998	10	8
9-Oct-98	80.17	71.5	80.17	1998	10	9
10-Oct-98	80.08	63.92	78.71	1998	10	10
11-Oct-98	79.29	67.58	77.17	1998	10	11
12-Oct-98	78.88	74.58	77.63	1998	10	12
13-Oct-98	78.17	72.42	78.88	1998	10	13
14-Oct-98	76.42	70.42	77.29	1998	10	14
15-Oct-98	75.79	70.79	77.13	1998	10	15
16-Oct-98	77.58	70.08	77.46	1998	10	16
17-Oct-98	76.33	74.13	75.33	1998	10	17
18-Oct-98	77.04	73.92	77.75	1998	10	18
19-Oct-98	77.46	76.13	77.83	1998	10	19
20-Oct-98	75.46	73.96	77.79	1998	10	20
21-Oct-98	77.38	75.42	78.25	1998	10	21
22-Oct-98	72.21	66.33	73.58	1998	10	22
23-Oct-98	67.88	58.25	66.33	1998	10	23
24-Oct-98	68.38	63.17	69.25	1998	10	24
25-Oct-98	71.63	63.13	73.08	1998	10	25
26-Oct-98	72.79	60.46	73.08	1998	10	26
27-Oct-98	72.17	63.46	73.75	1998	10	27
28-Oct-98	71.38	65.67	72.04	1998	10	28
29-Oct-98	69.83	66.08	71.83	1998	10	29
30-Oct-98	69.33	67.21	71.21	1998	10	30
31-Oct-98	70.38	69.88	71.67	1998	10	31
1-Nov-98	71.88	68.54	72.96	1998	11	1
2-Nov-98	72.71	70.38	74.17	1998	11	2
3-Nov-98	71.33	74.79	74.79	1998	11	3
4-Nov-98	69.67	62.33	71.42	1998	11	4
5-Nov-98	65.5	58.58	66	1998	11	5
6-Nov-98	59.17	50.88	59.25	1998	11	6
7-Nov-98	63.63	50.38	64.21	1998	11	7
8-Nov-98	67.08	59.33	69	1998	11	8
9-Nov-98	67.79	62.75	71.54	1998	11	9
10-Nov-98	72.29	68.46	74.67	1998	11	10
11-Nov-98	73.92	67.92	74.67	1998	11	11
12-Nov-98	72.38	65.83	73.71	1998	11	12

13-Nov-98	72.08	66.5	72.92	1998	11	13
14-Nov-98	71.58	70	73.21	1998	11	14
15-Nov-98	71.25	69.83	72	1998	11	15
16-Nov-98	73.92	72.04	74.46	1998	11	16
17-Nov-98	73.08	70.25	74.79	1998	11	17
18-Nov-98	73.04	69.92	73.54	1998	11	18
19-Nov-98	75.17	70.08	75.17	1998	11	19
20-Nov-98	74.83	70.54	75	1998	11	20
21-Nov-98	73.25	61.67	76.42	1998	11	21
22-Nov-98	72.79	60.63	74.25	1998	11	22
23-Nov-98	73.33	67.63	75.63	1998	11	23
24-Nov-98	72.08	70.33	75.13	1998	11	24
25-Nov-98	71.33	66.83	72.54	1998	11	25
26-Nov-98	71.08	66.96	73.04	1998	11	26
27-Nov-98	65.17	58.04	68.46	1998	11	27
28-Nov-98	63.46	55.5	64.42	1998	11	28
29-Nov-98	66.83	56.5	67.25	1998	11	29
30-Nov-98	70.71	61.5	70.04	1998	11	30
1-Dec-98	69.17	64.54	70.33	1998	12	1
2-Dec-98	71.08	62.13	71.83	1998	12	2
3-Dec-98	70.67	62.71	73.21	1998	12	3
4-Dec-98	72.25	63.96	74.42	1998	12	4
5-Dec-98	71.58	67	73.88	1998	12	5
6-Dec-98	70.17	68.96	74.13	1998	12	6
7-Dec-98	70.04	69.08	72.96	1998	12	7
8-Dec-98	71.46	71.25	72.38	1998	12	8
9-Dec-98	71.04	65.58	71.29	1998	12	9
10-Dec-98	71	61.92	73.13	1998	12	10
11-Dec-98	69.96	63.21	72.21	1998	12	11
12-Dec-98	72.88	65.04	74.63	1998	12	12
13-Dec-98	72.67	66.71	72	1998	12	13
14-Dec-98	60.58	54	61.63	1998	12	14
15-Dec-98	56.38	51.79	56.83	1998	12	15
16-Dec-98	51.83	46.83	54.38	1998	12	16
17-Dec-98	55.5	45.46	57	1998	12	17
18-Dec-98	57.08	41.88	56.88	1998	12	18
19-Dec-98	64.75	60.38	65.67	1998	12	19
20-Dec-98	70.21	62.25	71.5	1998	12	20
21-Dec-98	71.33	64.71	72.33	1998	12	21
22-Dec-98	69.88	65.33	70.79	1998	12	22
23-Dec-98	69.88	56.75	70.54	1998	12	23
24-Dec-98	70.71	61	71.67	1998	12	24
25-Dec-98	66.79	48.46	70.88	1998	12	25
26-Dec-98	60.79	44.75	61.46	1998	12	26
27-Dec-98	62.04	45.92	58.92	1998	12	27
28-Dec-98	63.25	50.58	63.25	1998	12	28
29-Dec-98	65.58	56.21	66.96	1998	12	29

30-Dec-98	55.46	46.92	57.5	1998	12	30
31-Dec-98	56.63	44.88	55.71	1998	12	31
1-Jan-99	61.33	49.96	62.88	1999	1	1
2-Jan-99	71.88	60.63	72.04	1999	1	2
3-Jan-99	62.04	47.08	61.46	1999	1	3
4-Jan-99	46	34.04	45.92	1999	1	4
5-Jan-99	39.96	28.83	40	1999	1	5
6-Jan-99	45.13	32.83	43.75	1999	1	6
7-Jan-99	56.29	43.83	56.25	1999	1	7
8-Jan-99	61.29	51.5	62.21	1999	1	8
9-Jan-99	65.13	53.21	63.04	1999	1	9
10-Jan-99	53.79	38.96	55.96	1999	1	10
11-Jan-99	51.46	40.54	51	1999	1	11
12-Jan-99	58.08	44.33	58.79	1999	1	12
13-Jan-99	63.79	55.54	64.21	1999	1	13
14-Jan-99	68.63	57.67	67.83	1999	1	14
15-Jan-99	67.21	57.13	68.04	1999	1	15
16-Jan-99	66.08	49.63	67.33	1999	1	16
17-Jan-99	70.13	63.33	69.75	1999	1	17
18-Jan-99	67.08	66.42	67.92	1999	1	18
19-Jan-99	67.08	54.63	70.13	1999	1	19
20-Jan-99	66.96	56.83	65.96	1999	1	20
21-Jan-99	68.38	63.75	66.38	1999	1	21
22-Jan-99	71.46	65.96	72.54	1999	1	22
23-Jan-99	75	66.71	74.33	1999	1	23
24-Jan-99	66.21	55.71	63.04	1999	1	24
25-Jan-99	60.88	51.79	58.63	1999	1	25
26-Jan-99	63.17	55.04	64.17	1999	1	26
27-Jan-99	66.75	56.13	67.25	1999	1	27
28-Jan-99	66.92	59.21	68.46	1999	1	28
29-Jan-99	68.58	61.04	68.75	1999	1	29
30-Jan-99	68.96	64.29	70.54	1999	1	30
31-Jan-99	68.08	62.96	69.63	1999	1	31
1-Feb-99	65.96	63.92	69.92	1999	2	1
2-Feb-99	67.83	58.58	69.5	1999	2	2
3-Feb-99	70.67	63	71.83	1999	2	3
4-Feb-99	71.29	65.92	71.63	1999	2	4
5-Feb-99	67.96	54.17	68.25	1999	2	5
6-Feb-99	65.5	53.83	65.13	1999	2	6
7-Feb-99	65.79	60.5	65.96	1999	2	7
8-Feb-99	69.58	71.38	71.21	1999	2	8
9-Feb-99	68	67.88	69.54	1999	2	9
10-Feb-99	68.5	68.08	68.75	1999	2	10
11-Feb-99	70.17	66.88	71.29	1999	2	11
12-Feb-99	70.5	55.88	71.25	1999	2	12
13-Feb-99	56.46	45.08	54.54	1999	2	13
14-Feb-99	50.79	42.96	51	1999	2	14

15-Feb-99	56.33	43.33	56.38	1999	2	15
16-Feb-99	62.83	51.88	61.92	1999	2	16
17-Feb-99	66.29	59.63	67.38	1999	2	17
18-Feb-99	70.25	62.88	68.38	1999	2	18
19-Feb-99	65.63	56.75	67.54	1999	2	19
20-Feb-99	59.33	52.33	59.46	1999	2	20
21-Feb-99	51.88	52.58	52.46	1999	2	21
22-Feb-99	48.08	41.13	48.83	1999	2	22
23-Feb-99	54	43.54	51	1999	2	23
24-Feb-99	56.96	51.04	56.71	1999	2	24
25-Feb-99	59.13	50.46	56.04	1999	2	25
26-Feb-99	60.13	57.67	59.92	1999	2	26
27-Feb-99	64.13	58.21	62.38	1999	2	27
28-Feb-99	65.25	62.08	66.25	1999	2	28
1-Mar-99	60.83	56.08	63.08	1999	3	1
2-Mar-99	62.75	58.33	64.75	1999	3	2
3-Mar-99	62.54	58.63	63.71	1999	3	3
4-Mar-99	55	48.63	54.29	1999	3	4
5-Mar-99	58.29	48.54	58.96	1999	3	5
6-Mar-99	64.33	55.21	65.79	1999	3	6
7-Mar-99	63.21	60.58	65.25	1999	3	7
8-Mar-99	61.83	57.25	63.83	1999	3	8
9-Mar-99	66.08	61.13	65.21	1999	3	9
10-Mar-99	69.5	58	68.13	1999	3	10
11-Mar-99	62.54	55.38	63.96	1999	3	11
12-Mar-99	62.5	57.83	64.63	1999	3	12
13-Mar-99	67.17	63	67.63	1999	3	13
14-Mar-99	66.79	62.75	66.79	1999	3	14
15-Mar-99	56.38	49.25	56.25	1999	3	15
16-Mar-99	57.71	52.5	55.83	1999	3	16
17-Mar-99	62.88	54.71	62.88	1999	3	17
18-Mar-99	66	59.92	64.75	1999	3	18
19-Mar-99	67.54	64.21	64.88	1999	3	19
20-Mar-99	69.13	62.54	66.17	1999	3	20
21-Mar-99	67.42	60.67	66.42	1999	3	21
22-Mar-99	62.54	56.46	62.25	1999	3	22
23-Mar-99	65.5	55.67	65.08	1999	3	23
24-Mar-99	70.71	59.58	66.21	1999	3	24
25-Mar-99	67.83	64.29	65.5	1999	3	25
26-Mar-99	68.79	59	68.29	1999	3	26
27-Mar-99	62.13	53.17	61.5	1999	3	27
28-Mar-99	63.13	54.96	64.33	1999	3	28
29-Mar-99	67.5	62	69.54	1999	3	29
30-Mar-99	68.58	66.79	72.33	1999	3	30
31-Mar-99	72.79	68.54	72.58	1999	3	31
1-Apr-99	75.17	70.67	73.79	1999	4	1
2-Apr-99	75.29	73.67	73.54	1999	4	2

3-Apr-99	74.63	70.46	76.13	1999	4	3
4-Apr-99	73.21	73.33	75.21	1999	4	4
5-Apr-99	75.46	74.17	74.13	1999	4	5
6-Apr-99	74.79	74.25	77.46	1999	4	6
7-Apr-99	72.71	73.54	76.29	1999	4	7
8-Apr-99	74.58	74	74.71	1999	4	8
9-Apr-99	76.88	76.79	75.5	1999	4	9
10-Apr-99	77.92	78.5	76.5	1999	4	10
11-Apr-99	76.75	78.25	76.75	1999	4	11
12-Apr-99	79.67	72.88	77.79	1999	4	12
13-Apr-99	71.5	67.21	71.96	1999	4	13
14-Apr-99	71.33	64.79	73.67	1999	4	14
15-Apr-99	77.79	76.13	76.21	1999	4	15
16-Apr-99	74.79	59.79	72.13	1999	4	16
17-Apr-99	59.88	61.04	61	1999	4	17
18-Apr-99	62.04	56.17	63.29	1999	4	18
19-Apr-99	62.54	58.13	64.17	1999	4	19
20-Apr-99	66.5	66.13	65.54	1999	4	20
21-Apr-99	70.13	68.71	70.13	1999	4	21
22-Apr-99	72.96	67.42	74.29	1999	4	22
23-Apr-99	77.96	71.71	76.92	1999	4	23
24-Apr-99	79.79	77.71	78.38	1999	4	24
25-Apr-99	77.21	76.83	76.92	1999	4	25
26-Apr-99	78.79	74.21	77.92	1999	4	26
27-Apr-99	78.79	74.38	78.5	1999	4	27
28-Apr-99	72.83	70.42	77.38	1999	4	28
29-Apr-99	72.88	66.42	76.08	1999	4	29
30-Apr-99	63.5	54.25	65.42	1999	4	30
1-May-99	60.08	62.38	60.04	1999	5	1
2-May-99	63.21	66.5	63.29	1999	5	2
3-May-99	68.25	66.17	70.17	1999	5	3
4-May-99	69.79	69.46	74.54	1999	5	4
5-May-99	74.29	73.58	76.67	1999	5	5
6-May-99	78.25	77.38	79.29	1999	5	6
7-May-99	74.25	70.63	77.42	1999	5	7
8-May-99	74.42	72.71	77.54	1999	5	8
9-May-99	73.04	73.79	77.75	1999	5	9
10-May-99	73.46	73.96	75.63	1999	5	10
11-May-99	74.33	71.58	76.92	1999	5	11
12-May-99	71.96	70.33	76.71	1999	5	12
13-May-99	76.21	74.96	78.46	1999	5	13
14-May-99	73.54	75.54	79.25	1999	5	14
15-May-99	73.92	70.75	78.83	1999	5	15
16-May-99	71.58	72.67	75.33	1999	5	16
17-May-99	73.58	72.92	76.5	1999	5	17
18-May-99	73.04	73.79	75.29	1999	5	18
19-May-99	74.46	78.79	78.42	1999	5	19

20-May-99	75.13	77.92	79.5	1999	5	20
21-May-99	76	75.67	76.58	1999	5	21
22-May-99	75.58	74.92	77.25	1999	5	22
23-May-99	74.42	75.58	77.67	1999	5	23
24-May-99	77.71	79	79.46	1999	5	24
25-May-99	79.71	79	81.5	1999	5	25
26-May-99	78.83	75.33	81.33	1999	5	26
27-May-99	77.96	72.92	81.63	1999	5	27
28-May-99	77.83	76.63	80.79	1999	5	28
29-May-99	78.46	73.58	79.21	1999	5	29
30-May-99	76.79	78.13	77.75	1999	5	30
31-May-99	76.83	77.42	78.46	1999	5	31
1-Jun-99	77.21	76.58	80.63	1999	6	1
2-Jun-99	78.25	78.79	79.13	1999	6	2
3-Jun-99	79.58	82.42	79.79	1999	6	3
4-Jun-99	76.33	82.63	80.92	1999	6	4
5-Jun-99	77.63	77.25	78.33	1999	6	5
6-Jun-99	77.58	79	80.63	1999	6	6
7-Jun-99	76.04	76.92	79.08	1999	6	7
8-Jun-99	76.54	79.88	78.54	1999	6	8
9-Jun-99	76.13	79.08	77.71	1999	6	9
10-Jun-99	78.96	77.25	80.33	1999	6	10
11-Jun-99	79.58	76.75	82.92	1999	6	11
12-Jun-99	77.42	75.92	81.25	1999	6	12
13-Jun-99	79.25	78.75	80.46	1999	6	13
14-Jun-99	80.92	79.13	81.21	1999	6	14
15-Jun-99	80.46	78.79	81.58	1999	6	15
16-Jun-99	77.13	78.79	78.92	1999	6	16
17-Jun-99	75.33	79.88	77.54	1999	6	17
18-Jun-99	76.21	79.88	76.75	1999	6	18
19-Jun-99	76.5	77.42	78.17	1999	6	19
20-Jun-99	77.08	77.58	78.42	1999	6	20
21-Jun-99	77.79	78.46	78.25	1999	6	21
22-Jun-99	78.17	78.79	79.38	1999	6	22
23-Jun-99	79.96	77.79	78.58	1999	6	23
24-Jun-99	80.13	76	79.63	1999	6	24
25-Jun-99	77.88	76.38	81.42	1999	6	25
26-Jun-99	77.58	80.13	79.54	1999	6	26
27-Jun-99	77.5	76.75	81.33	1999	6	27
28-Jun-99	76.67	78.71	80.71	1999	6	28
29-Jun-99	78.21	81.17	80.33	1999	6	29
30-Jun-99	77.13	77.67	79.17	1999	6	30
1-Jul-99	76.63	79	77.54	1999	7	1
2-Jul-99	76.83	79.83	78.17	1999	7	2
3-Jul-99	78.75	80.88	78.67	1999	7	3
4-Jul-99	78.42	79.63	79.04	1999	7	4
5-Jul-99	81.08	81.63	81.67	1999	7	5

6-Jul-99	80.13	82.71	80.96	1999	7	6
7-Jul-99	80	77.58	82	1999	7	7
8-Jul-99	81.63	80.54	80.71	1999	7	8
9-Jul-99	79.83	79	79.42	1999	7	9
10-Jul-99	81.46	77.5	81.75	1999	7	10
11-Jul-99	81.92	80.33	83.96	1999	7	11
12-Jul-99	81.92	79.13	82.79	1999	7	12
13-Jul-99	81.33	74.25	81.25	1999	7	13
14-Jul-99	79.75	78.29	80.33	1999	7	14
15-Jul-99	80.75	79.54	79.63	1999	7	15
16-Jul-99	81.38	78.71	82.92	1999	7	16
17-Jul-99	80.46	78.46	80.88	1999	7	17
18-Jul-99	79.63	78.04	80.04	1999	7	18
19-Jul-99	82.33	78.29	83.13	1999	7	19
20-Jul-99	82.63	81.96	84.33	1999	7	20
21-Jul-99	84.42	83.88	85.25	1999	7	21
22-Jul-99	79.58	85.88	84.21	1999	7	22
23-Jul-99	82.08	84.33	84.42	1999	7	23
24-Jul-99	84.04	83.33	85.21	1999	7	24
25-Jul-99	83.17	79.21	84.71	1999	7	25
26-Jul-99	80.38	82.71	84.71	1999	7	26
27-Jul-99	83	82.17	84.83	1999	7	27
28-Jul-99	84.13	83.08	85.71	1999	7	28
29-Jul-99	85	84.42	86.38	1999	7	29
30-Jul-99	83.79	86.42	84.79	1999	7	30
31-Jul-99	85.71	87.17	86.83	1999	7	31
1-Aug-99	82.92	85.5	86.42	1999	8	1
2-Aug-99	82.04	85.96	87.38	1999	8	2
3-Aug-99	81.38	85.21	83.63	1999	8	3
4-Aug-99	78.42	83.83	80.25	1999	8	4
5-Aug-99	79.33	83.92	81.5	1999	8	5
6-Aug-99	80.67	84.21	80.21	1999	8	6
7-Aug-99	83.17	82.92	84.25	1999	8	7
8-Aug-99	83.54	80.21	85.08	1999	8	8
9-Aug-99	79.25	81.54	84.08	1999	8	9
10-Aug-99	79.96	80.5	84.25	1999	8	10
11-Aug-99	82	84.08	84.13	1999	8	11
12-Aug-99	81.54	86.63	81.5	1999	8	12
13-Aug-99	83.38	83.38	84.75	1999	8	13
14-Aug-99	82.83	80.54	83.21	1999	8	14
15-Aug-99	82.04	78.71	82.67	1999	8	15
16-Aug-99	81.46	81.75	83.83	1999	8	16
17-Aug-99	79.79	83.42	80.42	1999	8	17
18-Aug-99	79.42	82.17	79.33	1999	8	18
19-Aug-99	78	81.38	79.83	1999	8	19
20-Aug-99	77.58	80.17	81.04	1999	8	20
21-Aug-99	78.88	81.54	81.25	1999	8	21

22-Aug-99	77.33	81.33	78.83	1999	8	22
23-Aug-99	78.71	80.71	79.13	1999	8	23
24-Aug-99	79.96	81.17	81.54	1999	8	24
25-Aug-99	82.46	79.75	82.63	1999	8	25
26-Aug-99	83.58	82.29	83.92	1999	8	26
27-Aug-99	84.17	82.21	84.13	1999	8	27
28-Aug-99	84.63	84.04	85.04	1999	8	28
29-Aug-99	84.71	84.25	84.25	1999	8	29
30-Aug-99	82.5	83.79	85.88	1999	8	30
31-Aug-99	79.42	82	82.96	1999	8	31
1-Sep-99	79.5	77.96	80.79	1999	9	1
2-Sep-99	80.42	77.5	81.17	1999	9	2
3-Sep-99	80.04	80.88	82.25	1999	9	3
4-Sep-99	82.29	82.58	83.83	1999	9	4
5-Sep-99	82	81.21	83.96	1999	9	5
6-Sep-99	80.29	82.17	79.42	1999	9	6
7-Sep-99	80.21	80.29	78.46	1999	9	7
8-Sep-99	78.13	81.67	79.42	1999	9	8
9-Sep-99	80.79	77.58	81.33	1999	9	9
10-Sep-99	81.04	78.38	82.25	1999	9	10
11-Sep-99	80.46	81.33	80.75	1999	9	11
12-Sep-99	79.42	80.13	81.92	1999	9	12
13-Sep-99	81.42	79.5	82.46	1999	9	13
14-Sep-99	78.92	79.54	79.42	1999	9	14
15-Sep-99	77.71	81.58	80.79	1999	9	15
16-Sep-99	80.75	76.38	82.79	1999	9	16
17-Sep-99	79.33	74.67	80.67	1999	9	17
18-Sep-99	76.46	76.96	78.21	1999	9	18
19-Sep-99	76.67	76.83	78.46	1999	9	19
20-Sep-99	77.46	77.08	76.17	1999	9	20
21-Sep-99	77.54	75.63	78.17	1999	9	21
22-Sep-99	74.71	66.71	74.17	1999	9	22
23-Sep-99	74.25	66.83	73.38	1999	9	23
24-Sep-99	77.42	70.71	75.71	1999	9	24
25-Sep-99	76.21	74.17	77.38	1999	9	25
26-Sep-99	76.38	76.88	78.92	1999	9	26
27-Sep-99	79.25	74.92	80.67	1999	9	27
28-Sep-99	80.88	79.04	82.96	1999	9	28
29-Sep-99	80.75	80.46	81	1999	9	29
30-Sep-99	79.75	72.21	81.04	1999	9	30
1-Oct-99	78.79	69.67	80.79	1999	10	1
2-Oct-99	79.29	75.96	81.29	1999	10	2
3-Oct-99	77.88	78.42	78.08	1999	10	3
4-Oct-99	76.88	75.5	78.21	1999	10	4
5-Oct-99	73.88	73.5	73.83	1999	10	5
6-Oct-99	76.04	73.42	76.71	1999	10	6
7-Oct-99	74.17	71.71	77.29	1999	10	7

8-Oct-99	75.58	74.29	77.83	1999	10	8
9-Oct-99	77.83	76.21	81.13	1999	10	9
10-Oct-99	77	76.75	79.83	1999	10	10
11-Oct-99	76.83	74.63	79.13	1999	10	11
12-Oct-99	78.5	77.71	79.17	1999	10	12
13-Oct-99	78.33	75.29	80.13	1999	10	13
14-Oct-99	76.92	75.04	78.04	1999	10	14
15-Oct-99	75.13	72.63	77.38	1999	10	15
16-Oct-99	74.17	76.63	76.67	1999	10	16
17-Oct-99	76.04	74.96	77.75	1999	10	17
18-Oct-99	75.5	70.58	76.63	1999	10	18
19-Oct-99	76.21	72.04	76.58	1999	10	19
20-Oct-99	78.63	70.17	78.5	1999	10	20
21-Oct-99	71.88	61.79	72.83	1999	10	21
22-Oct-99	67.5	59.79	67.58	1999	10	22
23-Oct-99	66.42	62.5	68.88	1999	10	23
24-Oct-99	61.13	51.71	60.5	1999	10	24
25-Oct-99	64.46	51.79	65.96	1999	10	25
26-Oct-99	67.54	57.75	69.08	1999	10	26
27-Oct-99	67.92	58.5	69.13	1999	10	27
28-Oct-99	69.17	61.38	69.79	1999	10	28
29-Oct-99	72.79	67.71	73.08	1999	10	29
30-Oct-99	73.21	71.83	75.13	1999	10	30
31-Oct-99	74.79	73.83	76.63	1999	10	31
1-Nov-99	75.13	69.92	76.5	1999	11	1
2-Nov-99	70.88	59	72.71	1999	11	2
3-Nov-99	56.5	48.42	57.42	1999	11	3
4-Nov-99	60.46	48.25	60.83	1999	11	4
5-Nov-99	66.13	55.17	67	1999	11	5
6-Nov-99	68.38	58.79	68.83	1999	11	6
7-Nov-99	67.83	57.63	69.17	1999	11	7
8-Nov-99	68.5	60.96	69.79	1999	11	8
9-Nov-99	68.88	62.63	70.13	1999	11	9
10-Nov-99	69.54	64.04	71.38	1999	11	10
11-Nov-99	69.5	63.83	70.96	1999	11	11
12-Nov-99	69.5	61.5	70.71	1999	11	12
13-Nov-99	70.38	62.79	70.25	1999	11	13
14-Nov-99	69.54	58.46	68.13	1999	11	14
15-Nov-99	67.33	58.79	68.25	1999	11	15
16-Nov-99	63.38	51.08	63.58	1999	11	16
17-Nov-99	62.58	49.88	63.88	1999	11	17
18-Nov-99	64.63	58.46	67.71	1999	11	18
19-Nov-99	67.63	62.29	69	1999	11	19
20-Nov-99	68.21	64.42	71.5	1999	11	20
21-Nov-99	68.33	66.79	69.13	1999	11	21
22-Nov-99	68.25	63.88	69.38	1999	11	22
23-Nov-99	69.67	63.42	67.58	1999	11	23

24-Nov-99	70.04	66.33	69.33	1999	11	24
25-Nov-99	70.42	68.75	71.5	1999	11	25
26-Nov-99	71.17	63.29	71.08	1999	11	26
27-Nov-99	65.13	51.17	65.83	1999	11	27
28-Nov-99	63.88	52.38	62.38	1999	11	28
29-Nov-99	65.63	55.5	64.42	1999	11	29
30-Nov-99	58.92	51.71	61.21	1999	11	30
1-Dec-99	50.79	39.83	52.25	1999	12	1
2-Dec-99	51.88	40.75	53.25	1999	12	2
3-Dec-99	59.25	48.04	60.92	1999	12	3
4-Dec-99	66.04	52.92	68.29	1999	12	4
5-Dec-99	65.13	63.04	71.29	1999	12	5
6-Dec-99	66	57.58	65.96	1999	12	6
7-Dec-99	60.29	45.04	58.88	1999	12	7
8-Dec-99	64.96	56.29	67.04	1999	12	8
9-Dec-99	64.96	61.29	68.33	1999	12	9
10-Dec-99	66.54	61.54	68.08	1999	12	10
11-Dec-99	65.46	54.38	69.63	1999	12	11
12-Dec-99	68.67	61	70.88	1999	12	12
13-Dec-99	70.5	66.54	71.83	1999	12	13
14-Dec-99	67.17	54.25	67.38	1999	12	14
15-Dec-99	63.75	53.33	65.42	1999	12	15
16-Dec-99	59.71	49.08	62.42	1999	12	16
17-Dec-99	61.04	47.58	61.54	1999	12	17
18-Dec-99	62.92	57	63.58	1999	12	18
19-Dec-99	66.38	58.96	66.33	1999	12	19
20-Dec-99	61.33	59.17	64.04	1999	12	20
21-Dec-99	67.96	57	70.71	1999	12	21
22-Dec-99	68.54	54.88	70.04	1999	12	22
23-Dec-99	61.58	47.38	62.75	1999	12	23
24-Dec-99	54	43.08	53.46	1999	12	24
25-Dec-99	48.33	40	49.46	1999	12	25
26-Dec-99	47.08	40.38	47.92	1999	12	26
27-Dec-99	52.54	46.46	58.88	1999	12	27
28-Dec-99	56.21	43.79	60.58	1999	12	28
29-Dec-99	53.08	44.08	55.83	1999	12	29
30-Dec-99	54.33	47.92	57.92	1999	12	30
31-Dec-99	59.5	57.88	62.96	1999	12	31
1-Jan-00	63.71	61.79	67.79	2000	1	1
2-Jan-00	66.5	63.63	69.13	2000	1	2
3-Jan-00	66.88	61.46	69.08	2000	1	3
4-Jan-00	69.17	63.88	70.67	2000	1	4
5-Jan-00	59.75	45.54	61.17	2000	1	5
6-Jan-00	65.33	48.54	67.38	2000	1	6
7-Jan-00	68.58	56.21	68.54	2000	1	7
8-Jan-00	66.63	52.25	64.92	2000	1	8
9-Jan-00	66.96	58.92	66.33	2000	1	9

10-Jan-00	69.33	65.13	72.83	2000	1	10
11-Jan-00	66.46	54.13	66.83	2000	1	11
12-Jan-00	62.42	53.88	62.25	2000	1	12
13-Jan-00	64.42	59.58	64.13	2000	1	13
14-Jan-00	56.29	49.17	57.46	2000	1	14
15-Jan-00	54.04	43.13	54.08	2000	1	15
16-Jan-00	56.29	49	57.17	2000	1	16
17-Jan-00	57.96	57.58	58.79	2000	1	17
18-Jan-00	62.5	61.13	61.13	2000	1	18
19-Jan-00	62.88	58.33	65.96	2000	1	19
20-Jan-00	64.5	59.67	65.08	2000	1	20
21-Jan-00	48.63	41.42	49.71	2000	1	21
22-Jan-00	52.29	42.5	53.13	2000	1	22
23-Jan-00	62.67	56.75	63.38	2000	1	23
24-Jan-00	58.54	48.92	58.46	2000	1	24
25-Jan-00	47.42	39.33	50.88	2000	1	25
26-Jan-00	41.63	35.67	45.08	2000	1	26
27-Jan-00	43.17	35.79	44.25	2000	1	27
28-Jan-00	52.13	43.29	53.25	2000	1	28
29-Jan-00	62.58	51.25	63.33	2000	1	29
30-Jan-00	66.71	49.92	64.04	2000	1	30
31-Jan-00	51.63	41.54	51.08	2000	1	31
1-Feb-00	52.96	42	53.88	2000	2	1
2-Feb-00	55.13	47.92	57.46	2000	2	2
3-Feb-00	56.38	45.21	57.21	2000	2	3
4-Feb-00	57.79	48.83	58.04	2000	2	4
5-Feb-00	50.5	42.25	49.96	2000	2	5
6-Feb-00	50.33	39.96	48.79	2000	2	6
7-Feb-00	57.42	45.04	53	2000	2	7
8-Feb-00	57.13	51.67	56.42	2000	2	8
9-Feb-00	57.04	50.88	56.79	2000	2	9
10-Feb-00	56.63	51.33	57.33	2000	2	10
11-Feb-00	58.38	60.38	61	2000	2	11
12-Feb-00	62.5	64.38	63.5	2000	2	12
13-Feb-00	64.58	62.54	66.38	2000	2	13
14-Feb-00	68.33	70.46	67.75	2000	2	14
15-Feb-00	66.17	60.04	67.83	2000	2	15
16-Feb-00	65.17	59	66.67	2000	2	16
17-Feb-00	66.96	63.5	69.63	2000	2	17
18-Feb-00	68.71	65.04	69.88	2000	2	18
19-Feb-00	72.29	70.08	71.38	2000	2	19
20-Feb-00	65.67	54.08	69.83	2000	2	20
21-Feb-00	58.42	48.17	60.04	2000	2	21
22-Feb-00	62.58	53.92	64.08	2000	2	22
23-Feb-00	62.88	62.08	66.21	2000	2	23
24-Feb-00	65.13	63.42	67.5	2000	2	24
25-Feb-00	67	63.04	69.42	2000	2	25

26-Feb-00	67	64.25	70.83	2000	2	26
27-Feb-00	68.25	59.25	70.25	2000	2	27
28-Feb-00	66.21	56.63	68.29	2000	2	28
29-Feb-00	65.38	58	66.83	2000	2	29
1-Mar-00	67.13	61.29	67.54	2000	3	1
2-Mar-00	69.13	70.92	70.92	2000	3	2
3-Mar-00	70.08	64.71	70.71	2000	3	3
4-Mar-00	69.79	65.92	71.67	2000	3	4
5-Mar-00	64	58.71	64.25	2000	3	5
6-Mar-00	65.58	62.38	66.08	2000	3	6
7-Mar-00	67.67	63.21	70.38	2000	3	7
8-Mar-00	68.17	64.54	68.88	2000	3	8
9-Mar-00	68.63	64.29	71.13	2000	3	9
10-Mar-00	70.5	65.75	70.75	2000	3	10
11-Mar-00	71.04	67.42	72.46	2000	3	11
12-Mar-00	69.17	53.42	68.17	2000	3	12
13-Mar-00	62.08	51.21	61.96	2000	3	13
14-Mar-00	65.54	57.54	67.5	2000	3	14
15-Mar-00	68.42	66.88	71.54	2000	3	15
16-Mar-00	73.38	67.04	73.58	2000	3	16
17-Mar-00	68.63	69.5	72.42	2000	3	17
18-Mar-00	70.29	63.46	74	2000	3	18
19-Mar-00	68.71	63.88	71.71	2000	3	19
20-Mar-00	73.71	64.29	73.08	2000	3	20
21-Mar-00	69.67	60.96	68.75	2000	3	21
22-Mar-00	70.29	64.13	70.75	2000	3	22
23-Mar-00	65.17	63.71	68.71	2000	3	23
24-Mar-00	66.67	66.17	69.46	2000	3	24
25-Mar-00	67.38	67	70.29	2000	3	25
26-Mar-00	69.21	64.83	70.75	2000	3	26
27-Mar-00	69.54	68.21	72.13	2000	3	27
28-Mar-00	70.71	65.29	71.46	2000	3	28
29-Mar-00	69.54	65.33	72.25	2000	3	29
30-Mar-00	77.04	73.08	76.25	2000	3	30
31-Mar-00	75.13	71.08	77.17	2000	3	31
1-Apr-00	73.54	71.04	75.21	2000	4	1
2-Apr-00	72.67	71.96	75.38	2000	4	2
3-Apr-00	73.5	72.58	74.83	2000	4	3
4-Apr-00	70.58	61.67	71.13	2000	4	4
5-Apr-00	59.67	54.96	60.25	2000	4	5
6-Apr-00	62.17	57.54	63.08	2000	4	6
7-Apr-00	67.54	60.58	68	2000	4	7
8-Apr-00	71.79	61.58	70.83	2000	4	8
9-Apr-00	57.54	53.04	58.21	2000	4	9
10-Apr-00	63.46	55.13	65.5	2000	4	10
11-Apr-00	69.17	61.33	70.71	2000	4	11
12-Apr-00	70.21	66.79	73.42	2000	4	12

13-Apr-00	72.5	69.17	73.42	2000	4	13
14-Apr-00	67.58	60.5	69.71	2000	4	14
15-Apr-00	70.83	66.25	73.5	2000	4	15
16-Apr-00	72.13	70.29	74.46	2000	4	16
17-Apr-00	74.29	73.54	72.88	2000	4	17
18-Apr-00	72.96	68.88	73	2000	4	18
19-Apr-00	70.67	67.83	72.33	2000	4	19
20-Apr-00	71.25	69.21	73.25	2000	4	20
21-Apr-00	73.46	74.42	74.67	2000	4	21
22-Apr-00	70.08	64.29	69.54	2000	4	22
23-Apr-00	69.63	62.71	70.21	2000	4	23
24-Apr-00	75.08	68.38	74.67	2000	4	24
25-Apr-00	76.67	64.79	74.42	2000	4	25
26-Apr-00	68.25	65.08	69.83	2000	4	26
27-Apr-00	69.42	65.58	70.33	2000	4	27
28-Apr-00	69.92	70.38	73.75	2000	4	28
29-Apr-00	73.75	66.63	75	2000	4	29
30-Apr-00	71.17	66.92	74.67	2000	4	30
1-May-00	70.75	67.54	73	2000	5	1
2-May-00	71.88	69.96	74.58	2000	5	2
3-May-00	71.83	73.08	75.83	2000	5	3
4-May-00	72.17	74.96	77.08	2000	5	4
5-May-00	73.54	74.42	76.21	2000	5	5
6-May-00	72.63	74.58	76.04	2000	5	6
7-May-00	73.21	73.67	75.67	2000	5	7
8-May-00	73.17	74.17	76.92	2000	5	8
9-May-00	74.38	73.75	78.25	2000	5	9
10-May-00	76.92	76.79	78.17	2000	5	10
11-May-00	79.71	78.04	80.13	2000	5	11
12-May-00	80.79	79.67	80.79	2000	5	12
13-May-00	80.83	80.75	81.29	2000	5	13
14-May-00	80.67	78.46	80.79	2000	5	14
15-May-00	78.83	76.21	80.5	2000	5	15
16-May-00	77.08	77.58	79.83	2000	5	16
17-May-00	75.79	78.04	79.92	2000	5	17
18-May-00	75.75	77.67	80.92	2000	5	18
19-May-00	76.04	77.42	77.83	2000	5	19
20-May-00	75.17	77.67	78.58	2000	5	20
21-May-00	77.71	75.88	79.17	2000	5	21
22-May-00	79.67	76.96	79.33	2000	5	22
23-May-00	81	81.38	80.96	2000	5	23
24-May-00	81.58	82.46	81.83	2000	5	24
25-May-00	82.46	84.04	82.71	2000	5	25
26-May-00	83.63	82.29	83.21	2000	5	26
27-May-00	84.58	81.71	83.79	2000	5	27
28-May-00	85.5	84.46	83.54	2000	5	28
29-May-00	81.96	84.13	82.63	2000	5	29

30-May-00	78.04	78.71	81.54	2000	5	30
31-May-00	76.88	76.88	80.88	2000	5	31
1-Jun-00	79.04	81.13	80.54	2000	6	1
2-Jun-00	78.71	82.75	82.04	2000	6	2
3-Jun-00	81.58	85.75	83.5	2000	6	3
4-Jun-00	81.67	84.88	83.58	2000	6	4
5-Jun-00	82.71	80.96	82.75	2000	6	5
6-Jun-00	82.96	81.08	83.71	2000	6	6
7-Jun-00	81.88	78.46	81.58	2000	6	7
8-Jun-00	79.75	80.21	82.04	2000	6	8
9-Jun-00	77.75	82	81.58	2000	6	9
10-Jun-00	76.54	80.21	80.29	2000	6	10
11-Jun-00	75.75	78.04	77.46	2000	6	11
12-Jun-00	79.33	80.29	79	2000	6	12
13-Jun-00	80.71	81.04	80.04	2000	6	13
14-Jun-00	82.21	81.63	82.46	2000	6	14
15-Jun-00	82.33	82.21	83.17	2000	6	15
16-Jun-00	82.21	81.5	84.08	2000	6	16
17-Jun-00	80.33	78.5	80.13	2000	6	17
18-Jun-00	82.21	80.21	81.42	2000	6	18
19-Jun-00	81.67	80.67	82.38	2000	6	19
20-Jun-00	81.67	83.46	80.42	2000	6	20
21-Jun-00	81.21	80.92	80.83	2000	6	21
22-Jun-00	80.42	81.79	82.08	2000	6	22
23-Jun-00	76.29	77.92	82.83	2000	6	23
24-Jun-00	77.17	79.83	80.63	2000	6	24
25-Jun-00	76.29	79.92	78.46	2000	6	25
26-Jun-00	75.38	78.63	75.42	2000	6	26
27-Jun-00	74.96	78.25	76.21	2000	6	27
28-Jun-00	77.29	78.08	79.42	2000	6	28
29-Jun-00	77.71	77.71	80.08	2000	6	29
30-Jun-00	76.58	81.04	80	2000	6	30
1-Jul-00	76.67	80.83	78.46	2000	7	1
2-Jul-00	79.21	81.58	80.67	2000	7	2
3-Jul-00	79.54	82.13	81.63	2000	7	3
4-Jul-00	80.42	81.46	80.08	2000	7	4
5-Jul-00	82	83.92	80.92	2000	7	5
6-Jul-00	83.17	88.25	83.54	2000	7	6
7-Jul-00	81.88	89.92	85.08	2000	7	7
8-Jul-00	78.29	84.79	81.63	2000	7	8
9-Jul-00	79.04	83.75	81.13	2000	7	9
10-Jul-00	80.5	85.5	83.13	2000	7	10
11-Jul-00	82.67	83.08	83.04	2000	7	11
12-Jul-00	83.92	81.58	84.33	2000	7	12
13-Jul-00	82	78.92	82.75	2000	7	13
14-Jul-00	81.13	81.67	82.25	2000	7	14
15-Jul-00	76.83	87.42	78.5	2000	7	15

16-Jul-00	82.08	87.25	84.13	2000	7	16
17-Jul-00	85.25	88.79	85.04	2000	7	17
18-Jul-00	83.5	89.13	82.63	2000	7	18
19-Jul-00	82.21	87.71	84.75	2000	7	19
20-Jul-00	83.71	82.92	85.17	2000	7	20
21-Jul-00	78.17	80.67	82.63	2000	7	21
22-Jul-00	77.92	79.71	81.38	2000	7	22
23-Jul-00	79.58	76.46	80.25	2000	7	23
24-Jul-00	75	78.17	76.79	2000	7	24
25-Jul-00	76.83	76.04	78.54	2000	7	25
26-Jul-00	78.38	78.08	80.83	2000	7	26
27-Jul-00	80.29	81.33	82.08	2000	7	27
28-Jul-00	81.96	80.58	82.42	2000	7	28
29-Jul-00	81.71	78.21	82.75	2000	7	29
30-Jul-00	77.13	80.83	79.79	2000	7	30
31-Jul-00	81.04	80.08	79.63	2000	7	31
1-Aug-00	80.5	79.17	80.92	2000	8	1
2-Aug-00	78.54	77.46	80.13	2000	8	2
3-Aug-00	79.21	78.29	81.54	2000	8	3
4-Aug-00	80.54	77.58	82.67	2000	8	4
5-Aug-00	79.79	82.92	82.79	2000	8	5
6-Aug-00	79.29	83	80.92	2000	8	6
7-Aug-00	82.71	84	84.08	2000	8	7
8-Aug-00	82.42	84.46	85.54	2000	8	8
9-Aug-00	81.04	84.75	79.46	2000	8	9
10-Aug-00	81.5	81.92	80.33	2000	8	10
11-Aug-00	82.63	79.79	83.96	2000	8	11
12-Aug-00	75.92	81.21	78.71	2000	8	12
13-Aug-00	78.75	81.71	82.58	2000	8	13
14-Aug-00	78.58	81.29	81.96	2000	8	14
15-Aug-00	81.75	83.29	83	2000	8	15
16-Aug-00	80.71	83.75	83.92	2000	8	16
17-Aug-00	79.42	84.21	83.21	2000	8	17
18-Aug-00	80.54	85.5	82.58	2000	8	18
19-Aug-00	82.88	85.13	83.5	2000	8	19
20-Aug-00	80.67	79.58	83.04	2000	8	20
21-Aug-00	81.67	78.58	84.21	2000	8	21
22-Aug-00	79.21	81.08	80.33	2000	8	22
23-Aug-00	81	82.5	82.63	2000	8	23
24-Aug-00	82	83.17	82.58	2000	8	24
25-Aug-00	81.46	78.13	83.13	2000	8	25
26-Aug-00	79.75	81.25	79.67	2000	8	26
27-Aug-00	79.42	80.92	81.5	2000	8	27
28-Aug-00	80.5	82.38	81.83	2000	8	28
29-Aug-00	77.92	85.42	80.13	2000	8	29
30-Aug-00	80.04	81.21	81.42	2000	8	30
31-Aug-00	79.71	80.58	82.04	2000	8	31

1-Sep-00	82.29	78.08	82.5	2000	9	1
2-Sep-00	81.92	78.17	82.29	2000	9	2
3-Sep-00	80.71	79.13	83.25	2000	9	3
4-Sep-00	81.63	79.13	83.96	2000	9	4
5-Sep-00	79.46	76.33	80.17	2000	9	5
6-Sep-00	78	74.21	80.46	2000	9	6
7-Sep-00	78.58	74.08	79.42	2000	9	7
8-Sep-00	80.79	79.21	80.46	2000	9	8
9-Sep-00	78.63	80.67	81.5	2000	9	9
10-Sep-00	81.54	81.63	81.67	2000	9	10
11-Sep-00	79.83	80.08	81.75	2000	9	11
12-Sep-00	80.08	79.04	80.63	2000	9	12
13-Sep-00	81.58	80.29	82.46	2000	9	13
14-Sep-00	81.17	80.75	82.33	2000	9	14
15-Sep-00	81.46	80.79	82.54	2000	9	15
16-Sep-00	77.17	77.83	78.79	2000	9	16
17-Sep-00	73.17	68.29	74.54	2000	9	17
18-Sep-00	78.58	69.83	78.83	2000	9	18
19-Sep-00	77.58	74.88	79.83	2000	9	19
20-Sep-00	80.46	79.17	79.79	2000	9	20
21-Sep-00	81.04	77.96	81.79	2000	9	21
22-Sep-00	80.83	76.58	83.17	2000	9	22
23-Sep-00	82.21	79.25	82.83	2000	9	23
24-Sep-00	79.67	80.58	81.38	2000	9	24
25-Sep-00	81.21	81.25	82.04	2000	9	25
26-Sep-00	81.46	69.13	83.04	2000	9	26
27-Sep-00	79.83	67	81.79	2000	9	27
28-Sep-00	76.79	70.63	78.71	2000	9	28
29-Sep-00	76.75	71.33	77.71	2000	9	29
30-Sep-00	76.83	72.29	77.63	2000	9	30
1-Oct-00	75.79	72.13	76.04	2000	10	1
2-Oct-00	75.42	67.83	77.04	2000	10	2
3-Oct-00	75.04	69.13	77.04	2000	10	3
4-Oct-00	78	76.5	79.38	2000	10	4
5-Oct-00	79.58	77.92	81.29	2000	10	5
6-Oct-00	80.29	74.38	81	2000	10	6
7-Oct-00	77.92	70.92	79.63	2000	10	7
8-Oct-00	74.83	59	75	2000	10	8
9-Oct-00	61.92	51.88	62.63	2000	10	9
10-Oct-00	63.5	52.75	63.46	2000	10	10
11-Oct-00	69.75	57.5	69.96	2000	10	11
12-Oct-00	70.88	58.04	71.79	2000	10	12
13-Oct-00	71.04	59.21	72.5	2000	10	13
14-Oct-00	71.5	58.83	72.96	2000	10	14
15-Oct-00	70.21	59.79	71.21	2000	10	15
16-Oct-00	68.29	61.54	69.67	2000	10	16
17-Oct-00	68.46	64.75	70.17	2000	10	17

18-Oct-00	70.33	68.29	71.04	2000	10	18
19-Oct-00	70.88	69.29	73.38	2000	10	19
20-Oct-00	72.96	69.92	74.17	2000	10	20
21-Oct-00	71.58	68.71	74.67	2000	10	21
22-Oct-00	71.75	70.08	74.25	2000	10	22
23-Oct-00	72.58	69.29	74.17	2000	10	23
24-Oct-00	72.42	68.08	74.38	2000	10	24
25-Oct-00	71.21	62.21	72.83	2000	10	25
26-Oct-00	71.79	64	73.04	2000	10	26
27-Oct-00	69.63	63.79	70.88	2000	10	27
28-Oct-00	68.5	67.08	70.38	2000	10	28
29-Oct-00	69.54	69.04	72.25	2000	10	29
30-Oct-00	69.75	67	72.96	2000	10	30
31-Oct-00	69.58	66.75	71.96	2000	10	31
1-Nov-00	67.29	69.04	70.38	2000	11	1
2-Nov-00	67.38	68.38	70.67	2000	11	2
3-Nov-00	67.79	68.92	70.42	2000	11	3
4-Nov-00	68.83	69.33	70.71	2000	11	4
5-Nov-00	69.54	68.67	72.38	2000	11	5
6-Nov-00	71.54	69.67	73.46	2000	11	6
7-Nov-00	72.25	71.63	74.88	2000	11	7
8-Nov-00	73.83	72.21	75.79	2000	11	8
9-Nov-00	72.33	73.54	74.92	2000	11	9
10-Nov-00	73.21	57.67	73.29	2000	11	10
11-Nov-00	64.29	52.29	64.25	2000	11	11
12-Nov-00	64.58	54.29	65.04	2000	11	12
13-Nov-00	66.25	61.58	69.38	2000	11	13
14-Nov-00	68.5	59.08	69.46	2000	11	14
15-Nov-00	58.04	48.46	57.54	2000	11	15
16-Nov-00	63.71	54	63.96	2000	11	16
17-Nov-00	71.88	60.13	70.67	2000	11	17
18-Nov-00	66.58	49.46	68.79	2000	11	18
19-Nov-00	70.96	47.5	70.08	2000	11	19
20-Nov-00	55.58	48.13	58.63	2000	11	20
21-Nov-00	52.17	40.29	52.54	2000	11	21
22-Nov-00	50.54	39.08	50.58	2000	11	22
23-Nov-00	54.21	43.71	55.38	2000	11	23
24-Nov-00	64.92	57.17	67	2000	11	24
25-Nov-00	73.96	64.08	71.42	2000	11	25
26-Nov-00	64.38	54.79	64.5	2000	11	26
27-Nov-00	58.25	49.75	59.88	2000	11	27
28-Nov-00	58.5	49.25	59.33	2000	11	28
29-Nov-00	61.04	54.5	60.63	2000	11	29
30-Nov-00	58.92	49.92	61.71	2000	11	30
1-Dec-00	60.46	45.83	59.96	2000	12	1
2-Dec-00	63.5	50.46	62.21	2000	12	2
3-Dec-00	57	46.92	57.42	2000	12	3

4-Dec-00	52.29	42.17	52.63	2000	12	4
5-Dec-00	55.04	39.46	55.21	2000	12	5
6-Dec-00	55.54	41.29	54.67	2000	12	6
7-Dec-00	59.29	45.75	60.38	2000	12	7
8-Dec-00	64.96	53.75	65.58	2000	12	8
9-Dec-00	67.21	64.25	71.38	2000	12	9
10-Dec-00	69.17	58.13	71.46	2000	12	10
11-Dec-00	71.46	59.5	71.83	2000	12	11
12-Dec-00	69.58	61.25	71.17	2000	12	12
13-Dec-00	71.42	59.13	72.92	2000	12	13
14-Dec-00	72.75	68.79	72.17	2000	12	14
15-Dec-00	72.67	62.75	73.67	2000	12	15
16-Dec-00	72.96	68.96	72.67	2000	12	16
17-Dec-00	64.29	46.88	61.75	2000	12	17
18-Dec-00	51.92	38.21	47.17	2000	12	18
19-Dec-00	47.67	39.33	50.79	2000	12	19
20-Dec-00	37.04	29.75	40.83	2000	12	20
21-Dec-00	47.25	38.42	46.71	2000	12	21
22-Dec-00	54.17	42.88	54.17	2000	12	22
23-Dec-00	55.75	41.33	56	2000	12	23
24-Dec-00	57.88	46.79	57.29	2000	12	24
25-Dec-00	58.46	46.92	58.25	2000	12	25
26-Dec-00	59.25	47.88	59.71	2000	12	26
27-Dec-00	61.33	52.92	61.63	2000	12	27
28-Dec-00	62.88	56	63.46	2000	12	28
29-Dec-00	48.92	41	51.25	2000	12	29
30-Dec-00	43	32.79	45.58	2000	12	30
31-Dec-00	37.13	30.5	37.5	2000	12	31
1-Jan-01	42.42	32.38	42.21	2001	1	1
2-Jan-01	44.75	33.5	46.83	2001	1	2
3-Jan-01	46.21	31.46	45.67	2001	1	3
4-Jan-01	42.67	34.54	42.25	2001	1	4
5-Jan-01	46.58	41.21	46.79	2001	1	5
6-Jan-01	53.25	44.38	53.75	2001	1	6
7-Jan-01	49.54	44.63	51.42	2001	1	7
8-Jan-01	58.58	56.46	60.21	2001	1	8
9-Jan-01	48.75	37.88	47	2001	1	9
10-Jan-01	46.13	36.25	44.92	2001	1	10
11-Jan-01	56.46	43.21	55.75	2001	1	11
12-Jan-01	60.46	51.46	59.33	2001	1	12
13-Jan-01	53.33	44.88	49.71	2001	1	13
14-Jan-01	61.5	51.17	55.33	2001	1	14
15-Jan-01	63.29	53.29	60.54	2001	1	15
16-Jan-01	66.17	57.96	65.17	2001	1	16
17-Jan-01	68.33	58.96	67	2001	1	17
18-Jan-01	69.17	60	68.71	2001	1	18
19-Jan-01	70.29	68.29	69.54	2001	1	19

20-Jan-01	58.38	44.88	56.83	2001	1	20
21-Jan-01	43.71	37.13	42.04	2001	1	21
22-Jan-01	51	38.46	47.96	2001	1	22
23-Jan-01	50.46	43.25	49.17	2001	1	23
24-Jan-01	51.92	44.92	51.46	2001	1	24
25-Jan-01	51.67	42.21	51.63	2001	1	25
26-Jan-01	50.75	38.42	49.08	2001	1	26
27-Jan-01	55.88	53.67	52.5	2001	1	27
28-Jan-01	58	55.33	58.13	2001	1	28
29-Jan-01	62.83	57.96	63.92	2001	1	29
30-Jan-01	69.08	61.04	66.33	2001	1	30
31-Jan-01	70.71	54.5	68.79	2001	1	31
1-Feb-01	65.42	55.96	67.83	2001	2	1
2-Feb-01	59.83	48.71	60.13	2001	2	2
3-Feb-01	54.63	49.71	52.42	2001	2	3
4-Feb-01	55.5	50.33	54.96	2001	2	4
5-Feb-01	57	49.33	57.25	2001	2	5
6-Feb-01	54.17	46.83	54	2001	2	6
7-Feb-01	60.63	48.58	62.58	2001	2	7
8-Feb-01	64.33	54.83	67.71	2001	2	8
9-Feb-01	66.96	58.96	68.25	2001	2	9
10-Feb-01	69	58.33	70.25	2001	2	10
11-Feb-01	68.88	57.96	71.08	2001	2	11
12-Feb-01	67.33	57.79	71.92	2001	2	12
13-Feb-01	67.92	60.21	71.92	2001	2	13
14-Feb-01	69.92	62.88	71.04	2001	2	14
15-Feb-01	71.67	63.71	71.5	2001	2	15
16-Feb-01	73.04	68.04	71.83	2001	2	16
17-Feb-01	68.79	61.67	67.71	2001	2	17
18-Feb-01	62.46	51.54	64.21	2001	2	18
19-Feb-01	63.21	55.33	65.71	2001	2	19
20-Feb-01	66.17	58.71	69.29	2001	2	20
21-Feb-01	67.54	64.46	70.83	2001	2	21
22-Feb-01	68.83	62.54	69.79	2001	2	22
23-Feb-01	66.38	61.25	71.08	2001	2	23
24-Feb-01	70.5	66.75	72.67	2001	2	24
25-Feb-01	74.25	68.67	73.88	2001	2	25
26-Feb-01	74.08	70.46	72.33	2001	2	26
27-Feb-01	72.92	67.63	70.33	2001	2	27
28-Feb-01	73	68	70.83	2001	2	28
1-Mar-01	72.5	65.46	72.13	2001	3	1
2-Mar-01	73.21	70.88	72.96	2001	3	2
3-Mar-01	75.13	73.67	75.21	2001	3	3
4-Mar-01	67.83	66.29	70.25	2001	3	4
5-Mar-01	59.92	55.04	61	2001	3	5
6-Mar-01	55.13	51.29	57.42	2001	3	6
7-Mar-01	55.21	49.42	55.5	2001	3	7

8-Mar-01	56.33	48.96	56.25	2001	3	8
9-Mar-01	60.04	52.04	58.96	2001	3	9
10-Mar-01	64.21	53.29	64.58	2001	3	10
11-Mar-01	67	58.96	63.33	2001	3	11
12-Mar-01	73.04	63.13	70.79	2001	3	12
13-Mar-01	74.54	69.67	71.83	2001	3	13
14-Mar-01	67.5	61.42	68.83	2001	3	14
15-Mar-01	73.96	68.88	73.42	2001	3	15
16-Mar-01	75.38	67.13	73.46	2001	3	16
17-Mar-01	70.38	54.13	68.33	2001	3	17
18-Mar-01	62.58	50.46	61.92	2001	3	18
19-Mar-01	66.54	54.29	64.71	2001	3	19
20-Mar-01	66.08	50.13	64.08	2001	3	20
21-Mar-01	56.29	47.29	57.75	2001	3	21
22-Mar-01	58.46	56.04	59.58	2001	3	22
23-Mar-01	62.63	60	62.63	2001	3	23
24-Mar-01	65.83	60.83	64.67	2001	3	24
25-Mar-01	66.71	57.33	64.83	2001	3	25
26-Mar-01	63.67	51.13	63.42	2001	3	26
27-Mar-01	60.13	51.25	60.46	2001	3	27
28-Mar-01	64.08	53.92	65.92	2001	3	28
29-Mar-01	67.29	63.33	65.63	2001	3	29
30-Mar-01	70.83	67.21	69.92	2001	3	30
31-Mar-01	70.63	63.13	68.79	2001	3	31
1-Apr-01	67.42	60.79	66.58	2001	4	1
2-Apr-01	64.38	56.54	67.75	2001	4	2
3-Apr-01	69.25	63.79	69.67	2001	4	3
4-Apr-01	71.79	69.42	70	2001	4	4
5-Apr-01	69.42	69.42	72.67	2001	4	5
6-Apr-01	71	69.42	73.79	2001	4	6
7-Apr-01	71.88	69.25	73.79	2001	4	7
8-Apr-01	73.17	70.17	74.33	2001	4	8
9-Apr-01	74.29	70.54	74.5	2001	4	9
10-Apr-01	74.79	73.42	74.42	2001	4	10
11-Apr-01	74.96	71.88	76.08	2001	4	11
12-Apr-01	77.46	74.79	76.88	2001	4	12
13-Apr-01	79.96	76.63	77.67	2001	4	13
14-Apr-01	78.25	73.58	76.33	2001	4	14
15-Apr-01	78.67	74.5	76.29	2001	4	15
16-Apr-01	76.58	68.46	75.46	2001	4	16
17-Apr-01	70.67	60.46	70.88	2001	4	17
18-Apr-01	58.79	52.21	59.04	2001	4	18
19-Apr-01	61.13	53.46	62.38	2001	4	19
20-Apr-01	66.58	59.08	69.75	2001	4	20
21-Apr-01	69.17	65.46	72.5	2001	4	21
22-Apr-01	71.88	68.58	74.54	2001	4	22
23-Apr-01	72.92	70.5	75.21	2001	4	23

24-Apr-01	73.79	71.88	75.46	2001	4	24
25-Apr-01	71.83	67	72.79	2001	4	25
26-Apr-01	66.75	62.04	69.33	2001	4	26
27-Apr-01	66.63	61.08	69.46	2001	4	27
28-Apr-01	68.79	66.04	71.29	2001	4	28
29-Apr-01	69.88	69.54	71.46	2001	4	29
30-Apr-01	68.79	70.88	71.17	2001	4	30
1-May-01	69.96	70.63	73.21	2001	5	1
2-May-01	71.83	70.92	74.13	2001	5	2
3-May-01	67.96	74.21	70.88	2001	5	3
4-May-01	71.17	72.21	73.92	2001	5	4
5-May-01	71.58	70.67	74.67	2001	5	5
6-May-01	73.29	74.25	75.21	2001	5	6
7-May-01	71.58	69.79	74.88	2001	5	7
8-May-01	70.92	72.63	73.83	2001	5	8
9-May-01	71.04	71	73.63	2001	5	9
10-May-01	72.13	72.25	73.58	2001	5	10
11-May-01	70.13	71.54	74.08	2001	5	11
12-May-01	71.71	73.38	73.5	2001	5	12
13-May-01	73.83	74.63	76.58	2001	5	13
14-May-01	75.33	71.58	77.92	2001	5	14
15-May-01	76.25	72.88	77.25	2001	5	15
16-May-01	78.63	76.88	76.46	2001	5	16
17-May-01	78.79	78.33	76.75	2001	5	17
18-May-01	78.29	74.33	76.75	2001	5	18
19-May-01	76.96	72.79	76.13	2001	5	19
20-May-01	77.67	73.67	76.58	2001	5	20
21-May-01	80	76.08	78.71	2001	5	21
22-May-01	80.13	75.75	81.29	2001	5	22
23-May-01	78.83	71.13	79.54	2001	5	23
24-May-01	76.79	72.46	79.58	2001	5	24
25-May-01	76	74.33	79.42	2001	5	25
26-May-01	77.92	75.04	78.21	2001	5	26
27-May-01	78.33	75.88	77.58	2001	5	27
28-May-01	74.04	74.25	81.29	2001	5	28
29-May-01	77	75.83	81.83	2001	5	29
30-May-01	80.25	76.21	81.5	2001	5	30
31-May-01	79.04	78.88	81.92	2001	5	31
1-Jun-01	74.17	73.5	76.88	2001	6	1
2-Jun-01	79.21	79.38	80.71	2001	6	2
3-Jun-01	79.08	82.04	82.58	2001	6	3
4-Jun-01	80	80.58	81.5	2001	6	4
5-Jun-01	79.54	80.54	79.83	2001	6	5
6-Jun-01	78.13	78.71	78.67	2001	6	6
7-Jun-01	77.88	79.75	80.42	2001	6	7
8-Jun-01	78.5	77.33	82.75	2001	6	8
9-Jun-01	81.63	76.54	83.33	2001	6	9

10-Jun-01	79.04	77.63	83.38	2001	6	10
11-Jun-01	79.67	73.29	83.96	2001	6	11
12-Jun-01	82.29	80.46	85.33	2001	6	12
13-Jun-01	82	79.83	85.5	2001	6	13
14-Jun-01	78.42	76.46	84.29	2001	6	14
15-Jun-01	78.46	80.21	84.5	2001	6	15
16-Jun-01	80.71	77.42	83.29	2001	6	16
17-Jun-01	79.54	80.29	83.71	2001	6	17
18-Jun-01	79	79.13	81.58	2001	6	18
19-Jun-01	76.96	78.38	78.96	2001	6	19
20-Jun-01	80.54	77.42	80.13	2001	6	20
21-Jun-01	78.71	79.42	80.25	2001	6	21
22-Jun-01	74.67	74.25	75.29	2001	6	22
23-Jun-01	73.92	76.54	75.54	2001	6	23
24-Jun-01	73.75	77.13	79	2001	6	24
25-Jun-01	78.83	76.63	80.54	2001	6	25
26-Jun-01	80.71	77.17	81.33	2001	6	26
27-Jun-01	77.71	76.33	79.13	2001	6	27
28-Jun-01	76.96	77.75	76.83	2001	6	28
29-Jun-01	80.75	75.71	76.67	2001	6	29
30-Jun-01	80.25	74.83	78.67	2001	6	30
1-Jul-01	80.83	76.46	79.54	2001	7	1
2-Jul-01	81.21	78.88	82.54	2001	7	2
3-Jul-01	82.29	77.46	85.13	2001	7	3
4-Jul-01	80.33	79.46	81.58	2001	7	4
5-Jul-01	76.21	80.67	82.29	2001	7	5
6-Jul-01	80.08	78.54	82.58	2001	7	6
7-Jul-01	78.79	82.58	81.42	2001	7	7
8-Jul-01	78.5	82.42	82.92	2001	7	8
9-Jul-01	76.25	84.75	81.54	2001	7	9
10-Jul-01	79.46	78.96	81.29	2001	7	10
11-Jul-01	79.75	81.13	79.38	2001	7	11
12-Jul-01	79.04	80.83	83.92	2001	7	12
13-Jul-01	79.29	82.83	81.38	2001	7	13
14-Jul-01	77.33	81.33	81.46	2001	7	14
15-Jul-01	77.67	79.63	80.54	2001	7	15
16-Jul-01	80.75	80.54	79.75	2001	7	16
17-Jul-01	78.21	82.13	79.04	2001	7	17
18-Jul-01	78.46	80.21	82.13	2001	7	18
19-Jul-01	80.33	80.42	83.08	2001	7	19
20-Jul-01	78.58	81.83	83.04	2001	7	20
21-Jul-01	77.83	80.04	79.75	2001	7	21
22-Jul-01	78.79	82.17	79.88	2001	7	22
23-Jul-01	76.54	83.08	77.17	2001	7	23
24-Jul-01	80.42	75.67	80.08	2001	7	24
25-Jul-01	78.58	78.63	80.58	2001	7	25
26-Jul-01	79.58	79.67	78.92	2001	7	26

27-Jul-01	80.25	81.71	79.54	2001	7	27
28-Jul-01	81.25	80.54	80.21	2001	7	28
29-Jul-01	82.29	80.25	82	2001	7	29
30-Jul-01	84.75	81	83.83	2001	7	30
31-Jul-01	78.46	76.63	80.29	2001	7	31
1-Aug-01	75.58	77.96	78.79	2001	8	1
2-Aug-01	74	77.75	73.42	2001	8	2
3-Aug-01	75.04	77.38	78.29	2001	8	3
4-Aug-01	76.42	78	78.29	2001	8	4
5-Aug-01	77.92	74.17	80.63	2001	8	5
6-Aug-01	78.67	74.46	80.08	2001	8	6
7-Aug-01	80.71	76.46	80.33	2001	8	7
8-Aug-01	83	77.54	82.67	2001	8	8
9-Aug-01	79.71	81.04	80.88	2001	8	9
10-Aug-01	80.75	77.88	81.5	2001	8	10
11-Aug-01	80.33	77.71	82.04	2001	8	11
12-Aug-01	82.75	76.88	83.38	2001	8	12
13-Aug-01	82	80.29	83.46	2001	8	13
14-Aug-01	83.88	78.54	84.08	2001	8	14
15-Aug-01	81.17	81.21	83.67	2001	8	15
16-Aug-01	82.33	80.08	84.88	2001	8	16
17-Aug-01	82.75	81.5	85.42	2001	8	17
18-Aug-01	80.54	80.38	84.13	2001	8	18
19-Aug-01	82.75	78.29	83.83	2001	8	19
20-Aug-01	82.54	79.13	84.21	2001	8	20
21-Aug-01	78.71	79.5	83	2001	8	21
22-Aug-01	79.17	78.46	83.04	2001	8	22
23-Aug-01	80.96	80.63	82.42	2001	8	23
24-Aug-01	81.13	79.96	83.71	2001	8	24
25-Aug-01	79.75	81.83	84	2001	8	25
26-Aug-01	80.54	81.83	83.79	2001	8	26
27-Aug-01	80.04	81.71	82.13	2001	8	27
28-Aug-01	80.96	80.13	84.04	2001	8	28
29-Aug-01	81.75	80.17	83.17	2001	8	29
30-Aug-01	82.25	80.58	81.96	2001	8	30
31-Aug-01	81.33	79.38	82.46	2001	8	31
1-Sep-01	81.83	77.13	83.92	2001	9	1
2-Sep-01	80.63	75.54	82.79	2001	9	2
3-Sep-01	81.5	74.79	83.25	2001	9	3
4-Sep-01	81.71	75.83	82.46	2001	9	4
5-Sep-01	80.17	79.83	81.29	2001	9	5
6-Sep-01	76.88	78.25	80.08	2001	9	6
7-Sep-01	76.21	78.79	79.17	2001	9	7
8-Sep-01	75.88	80.83	78.67	2001	9	8
9-Sep-01	76.29	80.71	78.25	2001	9	9
10-Sep-01	78.29	80.75	79.88	2001	9	10
11-Sep-01	77.46	79.5	80.46	2001	9	11

12-Sep-01	75.54	78.71	79.08	2001	9	12
13-Sep-01	73.58	76.5	75.46	2001	9	13
14-Sep-01	72.38	75.04	71.46	2001	9	14
15-Sep-01	70.71	74.04	73.08	2001	9	15
16-Sep-01	72.92	69.58	75.08	2001	9	16
17-Sep-01	75.54	68.46	76.79	2001	9	17
18-Sep-01	77.33	71.96	78.71	2001	9	18
19-Sep-01	78.58	74.88	79.21	2001	9	19
20-Sep-01	78.21	77.54	79.75	2001	9	20
21-Sep-01	78.88	77.63	80.25	2001	9	21
22-Sep-01	77.33	77	81.04	2001	9	22
23-Sep-01	78.58	75.25	81.33	2001	9	23
24-Sep-01	78.5	72.46	79.83	2001	9	24
25-Sep-01	77.88	67.25	78.04	2001	9	25
26-Sep-01	76.33	61.63	73.92	2001	9	26
27-Sep-01	74.92	63.04	75.38	2001	9	27
28-Sep-01	75.42	68.08	76.79	2001	9	28
29-Sep-01	71.88	68.75	73.54	2001	9	29
30-Sep-01	71.58	62.63	72.13	2001	9	30
1-Oct-01	67.54	60.83	69.13	2001	10	1
2-Oct-01	69	62.96	68.92	2001	10	2
3-Oct-01	71.92	64.83	73.33	2001	10	3
4-Oct-01	74.63	67.96	76.08	2001	10	4
5-Oct-01	76.38	74.25	78.83	2001	10	5
6-Oct-01	79.04	73.46	80	2001	10	6
7-Oct-01	76.46	67.46	80.04	2001	10	7
8-Oct-01	76.21	67.92	76.92	2001	10	8
9-Oct-01	74.21	69.83	75.96	2001	10	9
10-Oct-01	74.54	70.96	76.5	2001	10	10
11-Oct-01	75.04	73.46	77.92	2001	10	11
12-Oct-01	75.42	72.88	77.92	2001	10	12
13-Oct-01	76.42	74.83	79.29	2001	10	13
14-Oct-01	77.38	76.5	78.08	2001	10	14
15-Oct-01	75.58	67	76.92	2001	10	15
16-Oct-01	74.75	64.75	74.92	2001	10	16
17-Oct-01	64.83	54.5	66	2001	10	17
18-Oct-01	68.33	57.54	69.25	2001	10	18
19-Oct-01	73.92	68.21	76.29	2001	10	19
20-Oct-01	76.17	71.88	78.04	2001	10	20
21-Oct-01	74.21	72.79	76.75	2001	10	21
22-Oct-01	75.29	71.71	77.67	2001	10	22
23-Oct-01	75.33	71.83	77.58	2001	10	23
24-Oct-01	77.46	73.63	79.83	2001	10	24
25-Oct-01	77.54	75.83	80.21	2001	10	25
26-Oct-01	68.54	60.88	71.58	2001	10	26
27-Oct-01	58.21	51.54	60	2001	10	27
28-Oct-01	59.38	48.08	59.58	2001	10	28

29-Oct-01	64.79	56.13	64.54	2001	10	29
30-Oct-01	68.13	55.25	68.54	2001	10	30
31-Oct-01	69.38	62.21	71.38	2001	10	31
1-Nov-01	72.88	70.33	75.67	2001	11	1
2-Nov-01	73.13	71.67	75	2001	11	2
3-Nov-01	74.13	73.58	77	2001	11	3
4-Nov-01	71.71	69.58	74.79	2001	11	4
5-Nov-01	68.54	63.79	69.54	2001	11	5
6-Nov-01	64.75	54.04	67.29	2001	11	6
7-Nov-01	64.04	54.17	65.5	2001	11	7
8-Nov-01	65.21	57.08	66.83	2001	11	8
9-Nov-01	65.54	58.21	66.13	2001	11	9
10-Nov-01	64.42	58	67.04	2001	11	10
11-Nov-01	64.25	59.75	66.21	2001	11	11
12-Nov-01	66.13	60.13	69.17	2001	11	12
13-Nov-01	66	61.75	68.29	2001	11	13
14-Nov-01	66.46	64	68.25	2001	11	14
15-Nov-01	67.29	64.88	66.92	2001	11	15
16-Nov-01	67.58	61.21	68.71	2001	11	16
17-Nov-01	69.38	57.92	70.88	2001	11	17
18-Nov-01	69.17	58.63	71.79	2001	11	18
19-Nov-01	67.04	60.88	70.08	2001	11	19
20-Nov-01	67.75	62.71	67.88	2001	11	20
21-Nov-01	65.83	52.92	67.38	2001	11	21
22-Nov-01	67.75	59.13	68.58	2001	11	22
23-Nov-01	69.04	63.67	72.75	2001	11	23
24-Nov-01	70.58	65.92	73.46	2001	11	24
25-Nov-01	71.33	69.92	75.38	2001	11	25
26-Nov-01	70.04	69.33	73.75	2001	11	26
27-Nov-01	68.88	65.67	72.71	2001	11	27
28-Nov-01	68.17	64.5	73.21	2001	11	28
29-Nov-01	69.63	67.63	73.75	2001	11	29
30-Nov-01	68.5	66.63	71.96	2001	11	30
1-Dec-01	68.67	62.21	70.71	2001	12	1
2-Dec-01	69.96	56.83	70.67	2001	12	2
3-Dec-01	70.13	57.04	70.75	2001	12	3
4-Dec-01	70.25	59.46	72.92	2001	12	4
5-Dec-01	70.04	63.5	72	2001	12	5
6-Dec-01	71.71	63.71	73.67	2001	12	6
7-Dec-01	71.21	65.5	74.5	2001	12	7
8-Dec-01	72.96	66	74.5	2001	12	8
9-Dec-01	72.5	67.83	74.88	2001	12	9
10-Dec-01	73.38	66.92	74.75	2001	12	10
11-Dec-01	71.79	59.92	74.88	2001	12	11
12-Dec-01	72.08	64.38	75.63	2001	12	12
13-Dec-01	71.04	69.13	74	2001	12	13
14-Dec-01	74.04	71.46	76.54	2001	12	14

15-Dec-01	72.29	70.5	75.88	2001	12	15
16-Dec-01	72.17	68.46	75.71	2001	12	16
17-Dec-01	70.38	69.58	73.42	2001	12	17
18-Dec-01	65.25	57.5	68.38	2001	12	18
19-Dec-01	60.58	51.88	63.63	2001	12	19
20-Dec-01	58.38	51.5	61.17	2001	12	20
21-Dec-01	58	46.5	59.58	2001	12	21
22-Dec-01	59.75	47.38	62.04	2001	12	22
23-Dec-01	64.75	56.04	68.5	2001	12	23
24-Dec-01	65.88	51.75	66.04	2001	12	24
25-Dec-01	53	43.96	53.67	2001	12	25
26-Dec-01	48.58	38.08	51.21	2001	12	26
27-Dec-01	47	37.58	51.08	2001	12	27
28-Dec-01	55.04	43.79	59.33	2001	12	28
29-Dec-01	65.75	51.17	67.58	2001	12	29
30-Dec-01	60.96	45.25	63.67	2001	12	30
31-Dec-01	57.71	40.92	57.96	2001	12	31
1-Jan-02	53.58	40.96	55.21	2002	1	1
2-Jan-02	56.54	39.63	58.29	2002	1	2
3-Jan-02	46.83	36.08	48.33	2002	1	3
4-Jan-02	39.38	33.46	42	2002	1	4
5-Jan-02	49.67	37.58	49.83	2002	1	5
6-Jan-02	61.04	53.46	62.67	2002	1	6
7-Jan-02	48.79	42.04	51.96	2002	1	7
8-Jan-02	42.38	34.71	44.63	2002	1	8
9-Jan-02	43.79	42.17	48.08	2002	1	9
10-Jan-02	51.08	52.46	52.88	2002	1	10
11-Jan-02	55.29	57.79	56.58	2002	1	11
12-Jan-02	59.58	59.54	59.75	2002	1	12
13-Jan-02	58.21	45.5	59.46	2002	1	13
14-Jan-02	60.75	47.08	62.67	2002	1	14
15-Jan-02	60.67	50.63	61.38	2002	1	15
16-Jan-02	57.33	44.04	57.42	2002	1	16
17-Jan-02	64.04	45.21	58.67	2002	1	17
18-Jan-02	62.13	54.04	62.67	2002	1	18
19-Jan-02	66.13	63.58	66	2002	1	19
20-Jan-02	69.75	55.83	70.25	2002	1	20
21-Jan-02	70.96	63.17	69.46	2002	1	21
22-Jan-02	70.25	57.17	72.42	2002	1	22
23-Jan-02	72.63	65.75	74.38	2002	1	23
24-Jan-02	70.75	67.96	72.79	2002	1	24
25-Jan-02	71.17	66.67	71.38	2002	1	25
26-Jan-02	70.71	60.79	72.83	2002	1	26
27-Jan-02	67.38	59.79	70.83	2002	1	27
28-Jan-02	70.13	63.63	72.71	2002	1	28
29-Jan-02	70.58	63.17	73.46	2002	1	29
30-Jan-02	71.75	64.54	74.96	2002	1	30

31-Jan-02	72.08	67.33	76.04	2002	1	31
1-Feb-02	71.38	68.13	72.67	2002	2	1
2-Feb-02	69	56.04	70.04	2002	2	2
3-Feb-02	66.67	52	66	2002	2	3
4-Feb-02	58.58	52	60.17	2002	2	4
5-Feb-02	55.17	44.63	58.83	2002	2	5
6-Feb-02	64.63	53.42	67	2002	2	6
7-Feb-02	64.13	51.71	64.96	2002	2	7
8-Feb-02	52.17	45.75	52.46	2002	2	8
9-Feb-02	62.79	51.29	62.08	2002	2	9
10-Feb-02	68.17	59.29	64.25	2002	2	10
11-Feb-02	63.33	53.42	64.25	2002	2	11
12-Feb-02	62.08	47.71	59.67	2002	2	12
13-Feb-02	57.46	49.33	58.42	2002	2	13
14-Feb-02	58.38	52.58	60.29	2002	2	14
15-Feb-02	64.5	54.67	62.17	2002	2	15
16-Feb-02	61	57	62.08	2002	2	16
17-Feb-02	58.96	52.21	60.29	2002	2	17
18-Feb-02	56.17	48.54	59.96	2002	2	18
19-Feb-02	59.54	53.58	62.96	2002	2	19
20-Feb-02	67.21	60.92	68.33	2002	2	20
21-Feb-02	72.17	63.58	71.75	2002	2	21
22-Feb-02	65.21	57.79	66.58	2002	2	22
23-Feb-02	57.88	51.29	57.92	2002	2	23
24-Feb-02	54.96	48.08	55.88	2002	2	24
25-Feb-02	59.58	50.71	60.13	2002	2	25
26-Feb-02	63.75	54.04	62.92	2002	2	26
27-Feb-02	54.04	38.17	52.33	2002	2	27
28-Feb-02	45.71	34.88	45.21	2002	2	28
1-Mar-02	57.71	47.5	58.83	2002	3	1
2-Mar-02	73.29	61.96	72.33	2002	3	2
3-Mar-02	73.92	58.79	69.38	2002	3	3
4-Mar-02	51.42	36.58	49.96	2002	3	4
5-Mar-02	49.38	39.54	50	2002	3	5
6-Mar-02	60.58	49.04	62	2002	3	6
7-Mar-02	63.67	60.29	64.38	2002	3	7
8-Mar-02	68	61.67	69.67	2002	3	8
9-Mar-02	70.75	68.42	69.75	2002	3	9
10-Mar-02	68.54	60.75	68.25	2002	3	10
11-Mar-02	66.13	58.83	69.13	2002	3	11
12-Mar-02	72.04	63.21	71.46	2002	3	12
13-Mar-02	70.42	58.5	68.29	2002	3	13
14-Mar-02	65.63	58.46	66.08	2002	3	14
15-Mar-02	70.25	66.21	72.88	2002	3	15
16-Mar-02	75.33	71.25	74.63	2002	3	16
17-Mar-02	75.13	74.92	77.17	2002	3	17
18-Mar-02	72.83	71.46	73.88	2002	3	18

19-Mar-02	72.58	68.42	74.33	2002	3	19
20-Mar-02	74.13	69.5	74.79	2002	3	20
21-Mar-02	73.42	69.25	74.42	2002	3	21
22-Mar-02	67.17	54.92	67.46	2002	3	22
23-Mar-02	63.17	51.25	63.08	2002	3	23
24-Mar-02	68.13	58.17	71.54	2002	3	24
25-Mar-02	72.75	68.21	74.71	2002	3	25
26-Mar-02	73.92	69	74.54	2002	3	26
27-Mar-02	72.79	62	72	2002	3	27
28-Mar-02	70.29	60.42	68.25	2002	3	28
29-Mar-02	72.46	62.58	72.29	2002	3	29
30-Mar-02	74.79	66.5	75.25	2002	3	30
31-Mar-02	76.04	70.83	76.5	2002	3	31
1-Apr-02	74.58	68.46	75.5	2002	4	1
2-Apr-02	74.38	67	74.5	2002	4	2
3-Apr-02	70.46	70.5	70.08	2002	4	3
4-Apr-02	71.54	68.88	71.42	2002	4	4
5-Apr-02	69.46	61.88	70.67	2002	4	5
6-Apr-02	67.08	59.54	68.83	2002	4	6
7-Apr-02	67.29	65	69.71	2002	4	7
8-Apr-02	70.04	68.88	74.13	2002	4	8
9-Apr-02	73.33	70.38	74.88	2002	4	9
10-Apr-02	72.17	70.21	75.13	2002	4	10
11-Apr-02	73.33	69.63	75.96	2002	4	11
12-Apr-02	67.58	69.63	71.5	2002	4	12
13-Apr-02	72.46	70.5	74.08	2002	4	13
14-Apr-02	68.88	70.79	73.79	2002	4	14
15-Apr-02	72.04	71.29	74.75	2002	4	15
16-Apr-02	73.71	73.04	77.71	2002	4	16
17-Apr-02	75.46	73.42	75.75	2002	4	17
18-Apr-02	74.88	74.25	76.38	2002	4	18
19-Apr-02	74.25	74.38	76.42	2002	4	19
20-Apr-02	75.75	76.63	76.58	2002	4	20
21-Apr-02	78.5	76.54	78.42	2002	4	21
22-Apr-02	79.25	76.96	78.25	2002	4	22
23-Apr-02	76.13	72.96	77.96	2002	4	23
24-Apr-02	75.92	73.21	79.13	2002	4	24
25-Apr-02	78	76.13	78.75	2002	4	25
26-Apr-02	77.25	76	79.08	2002	4	26
27-Apr-02	77.63	74.75	78.79	2002	4	27
28-Apr-02	77.67	77.17	77.71	2002	4	28
29-Apr-02	77.58	76.79	78.58	2002	4	29
30-Apr-02	78.08	76.29	79.25	2002	4	30
1-May-02	79.92	78.17	79.88	2002	5	1
2-May-02	79.25	79.38	81.04	2002	5	2
3-May-02	82.33	80.33	81.42	2002	5	3
4-May-02	83.29	81.79	81.96	2002	5	4

5-May-02	80.38	80.17	83.17	2002	5	5
6-May-02	78.79	75.46	82.58	2002	5	6
7-May-02	78.25	78.33	80.88	2002	5	7
8-May-02	77.88	80.63	81.13	2002	5	8
9-May-02	78.17	79.88	80.54	2002	5	9
10-May-02	78.29	80.5	81.63	2002	5	10
11-May-02	78.83	79.88	82.46	2002	5	11
12-May-02	78.71	79.13	82.46	2002	5	12
13-May-02	79.88	77.75	80.92	2002	5	13
14-May-02	74.79	68.46	80.38	2002	5	14
15-May-02	73.13	72.21	77.29	2002	5	15
16-May-02	76.5	74.67	77.88	2002	5	16
17-May-02	79.5	77.54	80.75	2002	5	17
18-May-02	80.13	73.92	80.63	2002	5	18
19-May-02	72.13	60.88	73.46	2002	5	19
20-May-02	70.92	62.96	70.79	2002	5	20
21-May-02	70.96	65.83	72.38	2002	5	21
22-May-02	71.25	66.42	72.75	2002	5	22
23-May-02	73.79	70.5	75.5	2002	5	23
24-May-02	73.5	74.08	77.42	2002	5	24
25-May-02	73.42	76.17	76.79	2002	5	25
26-May-02	74.96	77.46	77.17	2002	5	26
27-May-02	77.54	78.42	78.42	2002	5	27
28-May-02	78.42	78.38	80.67	2002	5	28
29-May-02	78.04	78.13	77.79	2002	5	29
30-May-02	78.54	74	79.67	2002	5	30
31-May-02	75.25	77.46	78.17	2002	5	31
1-Jun-02	77.04	79.5	80.08	2002	6	1
2-Jun-02	81.29	84.08	82.42	2002	6	2
3-Jun-02	84.63	82.08	82.75	2002	6	3
4-Jun-02	82	82.92	83.04	2002	6	4
5-Jun-02	81.63	82.38	82.13	2002	6	5
6-Jun-02	79.88	78.5	81.83	2002	6	6
7-Jun-02	76.63	77.92	81.88	2002	6	7
8-Jun-02	76.29	76.04	77.5	2002	6	8
9-Jun-02	78.79	78.46	80.67	2002	6	9
10-Jun-02	77.79	79.08	80.92	2002	6	10
11-Jun-02	77.92	80.79	82.08	2002	6	11
12-Jun-02	80.17	82.04	81.46	2002	6	12
13-Jun-02	79.96	84.17	82.42	2002	6	13
14-Jun-02	79.38	81.29	82.96	2002	6	14
15-Jun-02	78.54	79.08	83.42	2002	6	15
16-Jun-02	77.21	77.17	83.42	2002	6	16
17-Jun-02	74.17	77.54	76.88	2002	6	17
18-Jun-02	73.88	74.92	75.46	2002	6	18
19-Jun-02	76.13	77.38	78.54	2002	6	19
20-Jun-02	73.54	80.04	77.63	2002	6	20

21-Jun-02	74.5	76.33	77.25	2002	6	21
22-Jun-02	72.63	76.58	77.79	2002	6	22
23-Jun-02	75.46	77	78.17	2002	6	23
24-Jun-02	75.38	76.21	76.71	2002	6	24
25-Jun-02	75.88	76.79	77.25	2002	6	25
26-Jun-02	75.17	76.83	80.13	2002	6	26
27-Jun-02	78.21	78.75	80.42	2002	6	27
28-Jun-02	78.46	78.75	78.71	2002	6	28
29-Jun-02	77.92	80.38	78.58	2002	6	29
30-Jun-02	75	79.67	76.54	2002	6	30
1-Jul-02	76.38	80.13	76.33	2002	7	1
2-Jul-02	75.17	82.75	77	2002	7	2
3-Jul-02	79.79	78.96	80.63	2002	7	3
4-Jul-02	77.21	77.08	80.79	2002	7	4
5-Jul-02	76.13	77.29	79.58	2002	7	5
6-Jul-02	78.5	80.88	81.33	2002	7	6
7-Jul-02	78.88	83.04	80.5	2002	7	7
8-Jul-02	77.46	78.46	79.33	2002	7	8
9-Jul-02	78.17	77.71	78.25	2002	7	9
10-Jul-02	77.5	79.83	80.08	2002	7	10
11-Jul-02	76.92	80.88	78.83	2002	7	11
12-Jul-02	77.25	81.33	78.38	2002	7	12
13-Jul-02	77.38	79.17	79.04	2002	7	13
14-Jul-02	82.75	81.08	83.33	2002	7	14
15-Jul-02	83.79	82.54	84.21	2002	7	15
16-Jul-02	85.13	85.63	84.58	2002	7	16
17-Jul-02	84.38	86.42	86.75	2002	7	17
18-Jul-02	81.92	88.67	84.88	2002	7	18
19-Jul-02	81.17	86	84.21	2002	7	19
20-Jul-02	79.33	80.63	83.58	2002	7	20
21-Jul-02	75.63	78.38	79.21	2002	7	21
22-Jul-02	77.88	77.5	77.29	2002	7	22
23-Jul-02	82.46	76.29	80.79	2002	7	23
24-Jul-02	83	76	82.63	2002	7	24
25-Jul-02	82.71	77.83	81.17	2002	7	25
26-Jul-02	81.38	79.58	81.25	2002	7	26
27-Jul-02	82.46	80.54	83	2002	7	27
28-Jul-02	81.25	78.17	83.13	2002	7	28
29-Jul-02	81.46	76.67	81.71	2002	7	29
30-Jul-02	81.75	78	81.08	2002	7	30
31-Jul-02	81.92	79.79	83.33	2002	7	31
1-Aug-02	80.42	78.08	83.63	2002	8	1
2-Aug-02	78.25	79.33	79.92	2002	8	2
3-Aug-02	76.13	80.21	79.46	2002	8	3
4-Aug-02	80.04	77.04	82.83	2002	8	4
5-Aug-02	82.42	77.5	83.04	2002	8	5
6-Aug-02	84.46	82.75	83.83	2002	8	6

7-Aug-02	78.71	83.17	79.83	2002	8	7
8-Aug-02	78.38	79.83	80.29	2002	8	8
9-Aug-02	79.33	77.46	79.33	2002	8	9
10-Aug-02	78.04	79.33	81.42	2002	8	10
11-Aug-02	77.33	80.75	81.08	2002	8	11
12-Aug-02	78	79.08	80.33	2002	8	12
13-Aug-02	76.38	79.17	80.29	2002	8	13
14-Aug-02	77.96	81.08	80.46	2002	8	14
15-Aug-02	77.42	81.67	80.33	2002	8	15
16-Aug-02	81.75	81.71	83.13	2002	8	16
17-Aug-02	80.21	82.38	81.92	2002	8	17
18-Aug-02	80.79	80.42	81.17	2002	8	18
19-Aug-02	79.33	79.71	80.88	2002	8	19
20-Aug-02	76.75	78.71	82.04	2002	8	20
21-Aug-02	79	81.58	80	2002	8	21
22-Aug-02	78.88	82.5	81.83	2002	8	22
23-Aug-02	80.71	83.38	82.96	2002	8	23
24-Aug-02	80.58	84.04	83.79	2002	8	24
25-Aug-02	81.33	81.63	84.08	2002	8	25
26-Aug-02	78.13	80.04	83.08	2002	8	26
27-Aug-02	79.17	77.13	78.88	2002	8	27
28-Aug-02	79.13	77.46	79.42	2002	8	28
29-Aug-02	77.96	77.75	79.54	2002	8	29
30-Aug-02	77.75	77.38	78.17	2002	8	30
31-Aug-02	79.79	77	80	2002	8	31
1-Sep-02	80.5	79.17	81.21	2002	9	1
2-Sep-02	82.08	78.92	81.25	2002	9	2
3-Sep-02	82.17	79.92	82.75	2002	9	3
4-Sep-02	79.5	81.71	81.75	2002	9	4
5-Sep-02	78.46	81.88	78.46	2002	9	5
6-Sep-02	80.67	81.71	79.96	2002	9	6
7-Sep-02	80.29	81.25	82.13	2002	9	7
8-Sep-02	80.75	81.71	81.67	2002	9	8
9-Sep-02	80.88	81.5	81.92	2002	9	9
10-Sep-02	80.29	80.58	82.79	2002	9	10
11-Sep-02	76.5	80.46	77.33	2002	9	11
12-Sep-02	77.63	77.71	75.92	2002	9	12
13-Sep-02	80.54	76.75	79.79	2002	9	13
14-Sep-02	81.58	73.88	80.75	2002	9	14
15-Sep-02	82.17	79.92	82.38	2002	9	15
16-Sep-02	81.29	79.88	82.42	2002	9	16
17-Sep-02	81.42	80.79	82.17	2002	9	17
18-Sep-02	81.63	81.21	83	2002	9	18
19-Sep-02	80.63	81.88	82.67	2002	9	19
20-Sep-02	79.17	80.5	82.46	2002	9	20
21-Sep-02	80.42	81.88	82	2002	9	21
22-Sep-02	80.08	80.29	81.38	2002	9	22

23-Sep-02	79.13	80.58	80.08	2002	9	23
24-Sep-02	78.13	75.88	79.04	2002	9	24
25-Sep-02	79	78.88	80.83	2002	9	25
26-Sep-02	81.96	79.54	81.71	2002	9	26
27-Sep-02	81.75	79.96	81.96	2002	9	27
28-Sep-02	80.71	77.29	82.08	2002	9	28
29-Sep-02	80.25	80	83.33	2002	9	29
30-Sep-02	80.08	80.46	81.58	2002	9	30
1-Oct-02	80.63	80.33	82.42	2002	10	1
2-Oct-02	79.67	79.96	82.17	2002	10	2
3-Oct-02	78.29	78.42	80.5	2002	10	3
4-Oct-02	78.25	77.33	78.92	2002	10	4
5-Oct-02	78.83	78.58	81.92	2002	10	5
6-Oct-02	78.54	79.33	82.04	2002	10	6
7-Oct-02	79.13	78.75	81.21	2002	10	7
8-Oct-02	78.92	78.08	80.75	2002	10	8
9-Oct-02	79.38	75.54	81.63	2002	10	9
10-Oct-02	79.71	75.29	79.42	2002	10	10
11-Oct-02	81.25	76.88	80.88	2002	10	11
12-Oct-02	80.46	78.17	80.21	2002	10	12
13-Oct-02	77.38	76.21	78.79	2002	10	13
14-Oct-02	76.83	74.83	77.42	2002	10	14
15-Oct-02	75.25	65.46	74.67	2002	10	15
16-Oct-02	71.08	63.08	72.08	2002	10	16
17-Oct-02	68.46	59.67	68.13	2002	10	17
18-Oct-02	68.42	59.17	69.79	2002	10	18
19-Oct-02	71.13	62.08	71.79	2002	10	19
20-Oct-02	75.33	68.21	74.79	2002	10	20
21-Oct-02	78.67	73.04	77.38	2002	10	21
22-Oct-02	77.71	72.67	78.13	2002	10	22
23-Oct-02	77.08	70.04	76.79	2002	10	23
24-Oct-02	75.08	68.38	77.17	2002	10	24
25-Oct-02	76.33	69.54	77.63	2002	10	25
26-Oct-02	76.96	70.63	78.25	2002	10	26
27-Oct-02	77.88	73.42	79.13	2002	10	27
28-Oct-02	78.63	74.92	80	2002	10	28
29-Oct-02	78.67	73.17	80.08	2002	10	29
30-Oct-02	76.67	72.21	79.63	2002	10	30
31-Oct-02	72.5	64	72.58	2002	10	31
1-Nov-02	71.33	61.33	69.38	2002	11	1
2-Nov-02	68.58	57.75	68.33	2002	11	2
3-Nov-02	68.58	58.38	69.17	2002	11	3
4-Nov-02	72.5	68.29	73.67	2002	11	4
5-Nov-02	74.83	72.63	76.21	2002	11	5
6-Nov-02	73.63	64.29	73.63	2002	11	6
7-Nov-02	60.08	52.75	59.88	2002	11	7
8-Nov-02	65.92	55.33	67.17	2002	11	8

9-Nov-02	70.96	64.75	74.5	2002	11	9
10-Nov-02	74.71	74.42	76.58	2002	11	10
11-Nov-02	76.42	77.88	77.21	2002	11	11
12-Nov-02	76.42	68.13	75.71	2002	11	12
13-Nov-02	64.21	53.79	65.67	2002	11	13
14-Nov-02	63.04	51.42	63.71	2002	11	14
15-Nov-02	69.13	61.83	70.29	2002	11	15
16-Nov-02	68.33	60.17	69.17	2002	11	16
17-Nov-02	59	48.08	60.92	2002	11	17
18-Nov-02	52.79	46.96	54.71	2002	11	18
19-Nov-02	59.79	51.96	59.5	2002	11	19
20-Nov-02	67.13	58.83	67.17	2002	11	20
21-Nov-02	69.17	59.92	67.88	2002	11	21
22-Nov-02	65	52.38	64.21	2002	11	22
23-Nov-02	51.63	42.17	50.79	2002	11	23
24-Nov-02	58.46	44.88	55.38	2002	11	24
25-Nov-02	64.08	48.42	62.33	2002	11	25
26-Nov-02	62.96	49.96	61.04	2002	11	26
27-Nov-02	62.17	51.54	61.29	2002	11	27
28-Nov-02	59.71	44.71	58.63	2002	11	28
29-Nov-02	51.21	40.88	50.5	2002	11	29
30-Nov-02	56.46	51.21	58.13	2002	11	30
1-Dec-02	59.46	45.83	60.13	2002	12	1
2-Dec-02	55.04	43.13	53.17	2002	12	2
3-Dec-02	55.92	49.63	56.67	2002	12	3
4-Dec-02	66.79	60.5	68.25	2002	12	4
5-Dec-02	71.46	54.38	70.88	2002	12	5
6-Dec-02	56.17	43.96	56.08	2002	12	6
7-Dec-02	58	42.58	56.25	2002	12	7
8-Dec-02	64	51.33	64.5	2002	12	8
9-Dec-02	63.58	54	63.33	2002	12	9
10-Dec-02	68.46	52.08	67.96	2002	12	10
11-Dec-02	65.5	50.08	64.38	2002	12	11
12-Dec-02	60.5	48.04	59.13	2002	12	12
13-Dec-02	66.79	56.83	66.79	2002	12	13
14-Dec-02	55.92	48.21	58.46	2002	12	14
15-Dec-02	48.04	41.5	48.63	2002	12	15
16-Dec-02	50.21	45.17	50.96	2002	12	16
17-Dec-02	56.5	46.29	55.21	2002	12	17
18-Dec-02	63.46	52.83	64.54	2002	12	18
19-Dec-02	66.04	63	67.96	2002	12	19
20-Dec-02	65.17	57.25	64.33	2002	12	20
21-Dec-02	52.75	44.08	54.38	2002	12	21
22-Dec-02	55	51	56.17	2002	12	22
23-Dec-02	59.83	58.54	61.96	2002	12	23
24-Dec-02	69.96	63.42	69.08	2002	12	24
25-Dec-02	60.29	49.96	59.92	2002	12	25

26-Dec-02	49.58	40.67	50.63	2002	12	26
27-Dec-02	52.96	40.92	53.13	2002	12	27
28-Dec-02	51.33	40.83	51.92	2002	12	28
29-Dec-02	50.46	44.29	51.63	2002	12	29
30-Dec-02	55.88	46.46	57.75	2002	12	30
31-Dec-02	67.63	60.08	67.96	2002	12	31
1-Jan-03	67.54	58.54	65.13	2003	1	1
2-Jan-03	62.54	59.38	64.04	2003	1	2
3-Jan-03	57.67	45.42	58.17	2003	1	3
4-Jan-03	45.96	38.67	47.08	2003	1	4
5-Jan-03	48.92	43.71	49.54	2003	1	5
6-Jan-03	54.46	48	55.21	2003	1	6
7-Jan-03	48.38	40.88	48.33	2003	1	7
8-Jan-03	48.83	42.04	51.21	2003	1	8
9-Jan-03	57.67	53.38	59.29	2003	1	9
10-Jan-03	62.79	60.75	64.42	2003	1	10
11-Jan-03	57.83	45.17	56.5	2003	1	11
12-Jan-03	51.54	42.5	51.75	2003	1	12
13-Jan-03	54.67	42.33	55.08	2003	1	13
14-Jan-03	52.29	42.83	51.71	2003	1	14
15-Jan-03	51.13	44.04	52.08	2003	1	15
16-Jan-03	56.63	45.04	55.38	2003	1	16
17-Jan-03	53.38	41.33	51.46	2003	1	17
18-Jan-03	42.29	31.96	41.67	2003	1	18
19-Jan-03	45.71	38.5	48	2003	1	19
20-Jan-03	50.88	45.42	55.25	2003	1	20
21-Jan-03	56.71	55.92	57.46	2003	1	21
22-Jan-03	63.42	63.46	63.54	2003	1	22
23-Jan-03	56.38	41.71	55.13	2003	1	23
24-Jan-03	34.83	28.21	36.5	2003	1	24
25-Jan-03	46.79	34.46	47.79	2003	1	25
26-Jan-03	55.29	39.67	52.46	2003	1	26
27-Jan-03	51.29	40.38	51.67	2003	1	27
28-Jan-03	52.38	41.21	52.71	2003	1	28
29-Jan-03	59.25	48.83	60.04	2003	1	29
30-Jan-03	61.5	55.67	61.54	2003	1	30
31-Jan-03	63.13	57.46	61.46	2003	1	31
1-Feb-03	58.17	52.54	55.96	2003	2	1
2-Feb-03	56.54	49	54.92	2003	2	2
3-Feb-03	59.25	52.71	58.5	2003	2	3
4-Feb-03	66.08	60.63	64.04	2003	2	4
5-Feb-03	58.29	48.38	59	2003	2	5
6-Feb-03	62.29	54.5	62.21	2003	2	6
7-Feb-03	66.79	50.92	63.67	2003	2	7
8-Feb-03	54	45.5	55.67	2003	2	8
9-Feb-03	53.96	47.83	53.63	2003	2	9
10-Feb-03	64.79	57.58	63.08	2003	2	10

11-Feb-03	57.5	47.67	56.88	2003	2	11
12-Feb-03	55.79	49.46	56.04	2003	2	12
13-Feb-03	55.92	51.29	58.17	2003	2	13
14-Feb-03	59.63	51.88	62.17	2003	2	14
15-Feb-03	67.17	59.71	67.42	2003	2	15
16-Feb-03	70.75	64.92	68.5	2003	2	16
17-Feb-03	65.5	54.46	62.96	2003	2	17
18-Feb-03	57.96	45.5	56.67	2003	2	18
19-Feb-03	63.04	50.17	60.58	2003	2	19
20-Feb-03	70.63	58.21	68.92	2003	2	20
21-Feb-03	73.54	60.79	71.83	2003	2	21
22-Feb-03	75	65.75	71.83	2003	2	22
23-Feb-03	63.54	53.21	61.96	2003	2	23
24-Feb-03	62.46	51.58	62.13	2003	2	24
25-Feb-03	66.08	57.42	67.46	2003	2	25
26-Feb-03	69.46	57.67	70.08	2003	2	26
27-Feb-03	71.29	65	68.75	2003	2	27
28-Feb-03	66	56.25	69	2003	2	28
1-Mar-03	70.71	57.63	71.5	2003	3	1
2-Mar-03	71.54	62.21	68.83	2003	3	2
3-Mar-03	61.96	51.79	63.71	2003	3	3
4-Mar-03	67.29	56	66.92	2003	3	4
5-Mar-03	74.83	68.17	74.42	2003	3	5
6-Mar-03	76.67	70.79	75.04	2003	3	6
7-Mar-03	74.67	62	75.88	2003	3	7
8-Mar-03	71.08	62	72.29	2003	3	8
9-Mar-03	72	64.5	74.13	2003	3	9
10-Mar-03	68.71	62.83	70.88	2003	3	10
11-Mar-03	70.04	63.92	71.46	2003	3	11
12-Mar-03	73.04	65.08	75.79	2003	3	12
13-Mar-03	76.88	72	74	2003	3	13
14-Mar-03	72.25	69.29	72.21	2003	3	14
15-Mar-03	71.25	66.21	73	2003	3	15
16-Mar-03	68.17	66.29	72.21	2003	3	16
17-Mar-03	71.13	67.25	71.08	2003	3	17
18-Mar-03	72.04	69.79	74.67	2003	3	18
19-Mar-03	77.25	70.29	77.38	2003	3	19
20-Mar-03	80.17	74.63	79.17	2003	3	20
21-Mar-03	75.17	70.13	75.75	2003	3	21
22-Mar-03	74.46	66.29	71.71	2003	3	22
23-Mar-03	63.42	64.71	64.17	2003	3	23
24-Mar-03	66.54	62.13	66.42	2003	3	24
25-Mar-03	67	61.96	68.75	2003	3	25
26-Mar-03	71.13	64.54	72.42	2003	3	26
27-Mar-03	71.33	66.79	71.25	2003	3	27
28-Mar-03	71.38	67.08	69.79	2003	3	28
29-Mar-03	73.71	67.17	71.21	2003	3	29

30-Mar-03	63.04	53.42	63.67	2003	3	30
31-Mar-03	52.33	47.71	52.96	2003	3	31
1-Apr-03	56.04	52.04	56.67	2003	4	1
2-Apr-03	62.46	56.92	62.96	2003	4	2
3-Apr-03	65.88	59.33	67.21	2003	4	3
4-Apr-03	70.67	66.29	72.46	2003	4	4
5-Apr-03	72.29	67.08	74.04	2003	4	5
6-Apr-03	75.21	73.42	76.5	2003	4	6
7-Apr-03	78.42	73.79	78.17	2003	4	7
8-Apr-03	77.58	66.17	77.58	2003	4	8
9-Apr-03	73.21	60.88	71.17	2003	4	9
10-Apr-03	59.79	48.46	61.21	2003	4	10
11-Apr-03	58.92	57.08	62.46	2003	4	11
12-Apr-03	65.33	62.29	66.54	2003	4	12
13-Apr-03	67.75	66.79	69.58	2003	4	13
14-Apr-03	69.96	68.54	70.46	2003	4	14
15-Apr-03	70.88	70.58	72.58	2003	4	15
16-Apr-03	70.33	68.13	72.04	2003	4	16
17-Apr-03	72.42	67.83	72.21	2003	4	17
18-Apr-03	73.04	71.08	72.92	2003	4	18
19-Apr-03	72.17	71.67	76.29	2003	4	19
20-Apr-03	72.92	73.38	75.63	2003	4	20
21-Apr-03	73.83	68.83	74.46	2003	4	21
22-Apr-03	74.54	69.96	74.79	2003	4	22
23-Apr-03	70	65.75	70.96	2003	4	23
24-Apr-03	71.63	64.67	72.92	2003	4	24
25-Apr-03	74.29	65.5	74.83	2003	4	25
26-Apr-03	70.92	72.17	71.46	2003	4	26
27-Apr-03	73.42	67.88	72.75	2003	4	27
28-Apr-03	74.63	71.08	75.46	2003	4	28
29-Apr-03	75.58	73.46	75.54	2003	4	29
30-Apr-03	73.29	74.71	76.17	2003	4	30
1-May-03	73.58	72.92	74.67	2003	5	1
2-May-03	76.67	75.5	77.13	2003	5	2
3-May-03	78.33	72.54	76.67	2003	5	3
4-May-03	77.58	75.25	77.5	2003	5	4
5-May-03	80	76.21	80.21	2003	5	5
6-May-03	81.29	78.67	80.88	2003	5	6
7-May-03	80.75	78.92	81.17	2003	5	7
8-May-03	81.29	78.21	80.92	2003	5	8
9-May-03	81.67	79.04	81.63	2003	5	9
10-May-03	82.79	78.17	81.88	2003	5	10
11-May-03	82.92	80.54	81.71	2003	5	11
12-May-03	81.42	77.92	81.46	2003	5	12
13-May-03	78.96	72.17	79.79	2003	5	13
14-May-03	76.58	75.08	77.42	2003	5	14
15-May-03	79.21	74.25	79.54	2003	5	15

16-May-03	81.54	78.46	80.46	2003	5	16
17-May-03	80.71	77.79	82.04	2003	5	17
18-May-03	81.29	78.67	81.63	2003	5	18
19-May-03	81.29	74.33	78.46	2003	5	19
20-May-03	77.88	73.17	79.42	2003	5	20
21-May-03	77.13	74.29	79.58	2003	5	21
22-May-03	74.25	69.92	77.08	2003	5	22
23-May-03	73.75	69.63	75.33	2003	5	23
24-May-03	75.96	73.17	78.75	2003	5	24
25-May-03	78.5	76.46	79.88	2003	5	25
26-May-03	80.67	74.33	80.13	2003	5	26
27-May-03	80.58	74.92	79.79	2003	5	27
28-May-03	78.71	73.33	80	2003	5	28
29-May-03	77.58	73.67	77.63	2003	5	29
30-May-03	78.17	76.5	80.5	2003	5	30
31-May-03	80.04	80.17	80.75	2003	5	31
1-Jun-03	81.13	78.63	81.5	2003	6	1
2-Jun-03	79.67	77.29	82.92	2003	6	2
3-Jun-03	77	73.25	82.21	2003	6	3
4-Jun-03	76.29	76.46	81.88	2003	6	4
5-Jun-03	77.42	75.42	79.5	2003	6	5
6-Jun-03	78	74.29	81.29	2003	6	6
7-Jun-03	77.79	73.92	82.33	2003	6	7
8-Jun-03	78.17	78.25	82.33	2003	6	8
9-Jun-03	77.42	79.25	80.08	2003	6	9
10-Jun-03	80.96	79.63	81.75	2003	6	10
11-Jun-03	81.25	79.83	81.25	2003	6	11
12-Jun-03	79.63	80.38	81	2003	6	12
13-Jun-03	80.42	75.71	81.58	2003	6	13
14-Jun-03	81.92	77.38	82.92	2003	6	14
15-Jun-03	80.71	80.25	81	2003	6	15
16-Jun-03	79.88	77.75	79.92	2003	6	16
17-Jun-03	81.63	76.46	80.21	2003	6	17
18-Jun-03	79.13	75.5	76.92	2003	6	18
19-Jun-03	75.63	76.46	79.17	2003	6	19
20-Jun-03	76	75.92	77.33	2003	6	20
21-Jun-03	77.46	78.96	78.88	2003	6	21
22-Jun-03	75.75	80.79	77.75	2003	6	22
23-Jun-03	78.21	79.67	78.13	2003	6	23
24-Jun-03	78.46	80.71	81.58	2003	6	24
25-Jun-03	78.5	79.67	81.75	2003	6	25
26-Jun-03	79.29	79.33	80.92	2003	6	26
27-Jun-03	79.08	78.63	80.25	2003	6	27
28-Jun-03	77.5	77.33	79.63	2003	6	28
29-Jun-03	78.67	75.88	80.17	2003	6	29
30-Jun-03	81.04	80.21	82.46	2003	6	30
1-Jul-03	80.63	78.79	82.42	2003	7	1

2-Jul-03	78.38	75.92	81.63	2003	7	2
3-Jul-03	78.79	77.46	81.63	2003	7	3
4-Jul-03	80.42	75.75	81	2003	7	4
5-Jul-03	81.96	79.88	82.54	2003	7	5
6-Jul-03	83.08	78.83	84.63	2003	7	6
7-Jul-03	82.38	80.42	84.33	2003	7	7
8-Jul-03	83.46	81.21	83.17	2003	7	8
9-Jul-03	83.08	81.54	82.29	2003	7	9
10-Jul-03	82.88	81.79	84.75	2003	7	10
11-Jul-03	82.67	81.38	80.5	2003	7	11
12-Jul-03	79.25	78.38	79.79	2003	7	12
13-Jul-03	78	78	77.5	2003	7	13
14-Jul-03	79	76.88	79.75	2003	7	14
15-Jul-03	77.42	78.75	79.21	2003	7	15
16-Jul-03	78.46	77.29	80.13	2003	7	16
17-Jul-03	80.33	76.08	82.54	2003	7	17
18-Jul-03	81.71	77.13	81.71	2003	7	18
19-Jul-03	79.04	79.13	82	2003	7	19
20-Jul-03	82.04	79.63	83.88	2003	7	20
21-Jul-03	81.54	78.96	83.96	2003	7	21
22-Jul-03	78.58	74.96	81.96	2003	7	22
23-Jul-03	80.42	75.88	83.04	2003	7	23
24-Jul-03	80.13	76.92	80.63	2003	7	24
25-Jul-03	77.63	76.13	79.63	2003	7	25
26-Jul-03	77.83	77.42	80	2003	7	26
27-Jul-03	81.83	79.83	80.79	2003	7	27
28-Jul-03	80.08	80.29	81.71	2003	7	28
29-Jul-03	79.79	76.83	81.88	2003	7	29
30-Jul-03	77.96	75.83	82.46	2003	7	30
31-Jul-03	78.17	77.17	81.04	2003	7	31
1-Aug-03	79.71	74.96	80.63	2003	8	1
2-Aug-03	77.75	78.58	78.88	2003	8	2
3-Aug-03	78.58	78.29	80.33	2003	8	3
4-Aug-03	78.92	78.46	81.42	2003	8	4
5-Aug-03	78.63	78.96	83.25	2003	8	5
6-Aug-03	80.63	78.71	83.29	2003	8	6
7-Aug-03	78	75.33	81.5	2003	8	7
8-Aug-03	79.71	80.08	78.88	2003	8	8
9-Aug-03	76.58	77.88	76.5	2003	8	9
10-Aug-03	76.25	78.54	78.29	2003	8	10
11-Aug-03	77.63	77.08	78.75	2003	8	11
12-Aug-03	80.83	75.42	82.38	2003	8	12
13-Aug-03	82.21	77.42	84.17	2003	8	13
14-Aug-03	79.42	80.33	79.58	2003	8	14
15-Aug-03	78.58	79	82.29	2003	8	15
16-Aug-03	79.92	79.42	80.08	2003	8	16
17-Aug-03	81.83	77.71	81.63	2003	8	17

18-Aug-03	79.63	79.58	82.67	2003	8	18
19-Aug-03	76.71	78.92	79.54	2003	8	19
20-Aug-03	76.21	78.63	78.42	2003	8	20
21-Aug-03	77.25	78.63	77.96	2003	8	21
22-Aug-03	78.17	77.33	78.33	2003	8	22
23-Aug-03	77.92	77	79.21	2003	8	23
24-Aug-03	79.71	81.33	80.54	2003	8	24
25-Aug-03	78.88	83.5	78.21	2003	8	25
26-Aug-03	79.79	81.42	80.75	2003	8	26
27-Aug-03	80.88	81.67	79.88	2003	8	27
28-Aug-03	79.58	78.13	80.96	2003	8	28
29-Aug-03	80.08	80.58	82.67	2003	8	29
30-Aug-03	82.29	80.42	83.96	2003	8	30
31-Aug-03	82.46	82.5	84.21	2003	8	31
1-Sep-03	81.08	80	81.67	2003	9	1
2-Sep-03	80.83	80.46	79.96	2003	9	2
3-Sep-03	79.79	79.92	79.83	2003	9	3
4-Sep-03	78	80.38	78.17	2003	9	4
5-Sep-03	78.13	77.46	76.21	2003	9	5
6-Sep-03	79.83	76.75	81	2003	9	6
7-Sep-03	79.79	73.58	81.25	2003	9	7
8-Sep-03	77.46	76	79	2003	9	8
9-Sep-03	78.38	75.38	79.88	2003	9	9
10-Sep-03	78.63	76.71	80.54	2003	9	10
11-Sep-03	77.17	75.25	79.46	2003	9	11
12-Sep-03	77.58	73.33	79.04	2003	9	12
13-Sep-03	79.21	75.21	79.88	2003	9	13
14-Sep-03	80.04	76.04	82.29	2003	9	14
15-Sep-03	79.29	79.25	81.46	2003	9	15
16-Sep-03	78.67	78.58	81	2003	9	16
17-Sep-03	77.79	78.5	80.96	2003	9	17
18-Sep-03	78.5	73.17	78.46	2003	9	18
19-Sep-03	80.58	73.04	80.75	2003	9	19
20-Sep-03	81	75.38	80.88	2003	9	20
21-Sep-03	81.13	77.75	81.96	2003	9	21
22-Sep-03	80.96	76.46	81.38	2003	9	22
23-Sep-03	79.13	76.88	79.79	2003	9	23
24-Sep-03	80.63	77.38	82.13	2003	9	24
25-Sep-03	77.46	76.21	78.42	2003	9	25
26-Sep-03	75.42	74.67	77.96	2003	9	26
27-Sep-03	75.79	77.42	82.67	2003	9	27
28-Sep-03	78.13	76.04	80.88	2003	9	28
29-Sep-03	74.71	66.67	76.21	2003	9	29
30-Sep-03	76.13	67.75	74.71	2003	9	30
1-Oct-03	74.13	67.5	75.13	2003	10	1
2-Oct-03	73.46	65.71	73.21	2003	10	2
3-Oct-03	75.21	68.33	76.04	2003	10	3

4-Oct-03	76.79	70.88	76.42	2003	10	4
5-Oct-03	77.04	71.71	78.29	2003	10	5
6-Oct-03	77.67	73.25	79.38	2003	10	6
7-Oct-03	76.5	72.42	78.08	2003	10	7
8-Oct-03	76.5	73.33	77.96	2003	10	8
9-Oct-03	76.92	73.67	78.67	2003	10	9
10-Oct-03	75.92	71.88	76.96	2003	10	10
11-Oct-03	77.71	69.71	79.21	2003	10	11
12-Oct-03	78.63	70	78.21	2003	10	12
13-Oct-03	80.29	72.79	80.42	2003	10	13
14-Oct-03	78.71	74.83	79.83	2003	10	14
15-Oct-03	70.54	63.42	72.63	2003	10	15
16-Oct-03	70	62.67	71.63	2003	10	16
17-Oct-03	74.04	68.79	73.96	2003	10	17
18-Oct-03	73.63	67.67	73.58	2003	10	18
19-Oct-03	72.79	64.58	73.58	2003	10	19
20-Oct-03	74.08	64.38	74.17	2003	10	20
21-Oct-03	74.21	67.21	74.38	2003	10	21
22-Oct-03	73.96	73.17	76.5	2003	10	22
23-Oct-03	74.13	67.38	76.71	2003	10	23
24-Oct-03	72.13	67.38	73.46	2003	10	24
25-Oct-03	74.75	69.13	77	2003	10	25
26-Oct-03	76.13	69.58	77.83	2003	10	26
27-Oct-03	75.58	68.29	77.75	2003	10	27
28-Oct-03	75.33	64.46	76.17	2003	10	28
29-Oct-03	68.88	62.08	71.88	2003	10	29
30-Oct-03	71.04	64.25	72.04	2003	10	30
31-Oct-03	74.25	71.29	75.83	2003	10	31
1-Nov-03	74.13	72	75.08	2003	11	1
2-Nov-03	74.83	67	75.88	2003	11	2
3-Nov-03	77.67	70.79	75.54	2003	11	3
4-Nov-03	78.13	76.25	78.5	2003	11	4
5-Nov-03	75.88	74.96	78.33	2003	11	5
6-Nov-03	75.04	75.92	76.25	2003	11	6
7-Nov-03	76.04	73.25	76.96	2003	11	7
8-Nov-03	75.79	71	78.58	2003	11	8
9-Nov-03	72.88	64.83	72.75	2003	11	9
10-Nov-03	72.63	61	71.33	2003	11	10
11-Nov-03	72.21	65.83	73.75	2003	11	11
12-Nov-03	72.38	67.38	73.71	2003	11	12
13-Nov-03	71.5	64.71	72.08	2003	11	13
14-Nov-03	63.13	51.17	64.46	2003	11	14
15-Nov-03	66.42	57	67.21	2003	11	15
16-Nov-03	68.25	61.79	71.63	2003	11	16
17-Nov-03	71.13	63.21	74.21	2003	11	17
18-Nov-03	74.38	70.42	76.29	2003	11	18
19-Nov-03	69.13	64.75	71.29	2003	11	19

20-Nov-03	62.33	57.75	62.96	2003	11	20
21-Nov-03	63.96	55.92	64.04	2003	11	21
22-Nov-03	66.79	57.13	67.29	2003	11	22
23-Nov-03	67.29	59.79	70.29	2003	11	23
24-Nov-03	69.42	56.46	71.29	2003	11	24
25-Nov-03	67.67	46.54	66.79	2003	11	25
26-Nov-03	69.92	56.96	69.92	2003	11	26
27-Nov-03	70.88	63.17	71.79	2003	11	27
28-Nov-03	70.5	58.21	68.88	2003	11	28
29-Nov-03	49.79	42.25	51.38	2003	11	29
30-Nov-03	55.58	41.08	56.79	2003	11	30
1-Dec-03	59.71	46.38	59.79	2003	12	1
2-Dec-03	60.83	51.88	61.13	2003	12	2
3-Dec-03	62.75	54.42	63.88	2003	12	3
4-Dec-03	68.46	58.46	68.29	2003	12	4
5-Dec-03	66.79	53.75	65.54	2003	12	5
6-Dec-03	51.63	39.46	50.75	2003	12	6
7-Dec-03	51.25	39.63	47.63	2003	12	7
8-Dec-03	57.79	43.79	54.58	2003	12	8
9-Dec-03	62.71	52.25	65.25	2003	12	9
10-Dec-03	64.46	59.08	67.71	2003	12	10
11-Dec-03	54.21	46.29	56.96	2003	12	11
12-Dec-03	57.04	44.67	54.04	2003	12	12
13-Dec-03	65.5	54.33	62.71	2003	12	13
14-Dec-03	65.13	54.33	65.25	2003	12	14
15-Dec-03	53.04	43.54	54.04	2003	12	15
16-Dec-03	62.42	53.21	63.63	2003	12	16
17-Dec-03	58.17	45.42	57.88	2003	12	17
18-Dec-03	49.17	44.83	51.83	2003	12	18
19-Dec-03	51.96	44.46	55.04	2003	12	19
20-Dec-03	46	37.92	48.21	2003	12	20
21-Dec-03	49.5	36.42	49.96	2003	12	21
22-Dec-03	58.21	43.83	58.21	2003	12	22
23-Dec-03	62.63	52.46	61.88	2003	12	23
24-Dec-03	62.96	51.58	61.79	2003	12	24
25-Dec-03	54.17	38.83	54.54	2003	12	25
26-Dec-03	57.88	40.58	58.25	2003	12	26
27-Dec-03	58.63	44.17	60.29	2003	12	27
28-Dec-03	61.33	47.58	62.04	2003	12	28
29-Dec-03	66.38	57.96	65.42	2003	12	29
30-Dec-03	67.75	56.13	66.83	2003	12	30
31-Dec-03	69.29	52.08	68.71	2003	12	31
1-Jan-04	65.92	50.92	67.92	2004	1	1
2-Jan-04	67	57.92	68.04	2004	1	2
3-Jan-04	67.58	62.88	71.04	2004	1	3
4-Jan-04	68.83	65.04	71.5	2004	1	4
5-Jan-04	68.46	69.54	69.79	2004	1	5

6-Jan-04	62.63	48.96	65.17	2004	1	6
7-Jan-04	50.96	38.29	51.38	2004	1	7
8-Jan-04	55.58	40	55.88	2004	1	8
9-Jan-04	60.67	47.83	61.33	2004	1	9
10-Jan-04	49.79	42.88	48.67	2004	1	10
11-Jan-04	49.13	40.38	47.88	2004	1	11
12-Jan-04	54.79	41.17	53.33	2004	1	12
13-Jan-04	54.25	45.42	53.92	2004	1	13
14-Jan-04	55.58	51.25	54.63	2004	1	14
15-Jan-04	59.25	55.67	60.54	2004	1	15
16-Jan-04	56.38	47.29	56.5	2004	1	16
17-Jan-04	60.88	53.29	60.71	2004	1	17
18-Jan-04	63	63.54	63.54	2004	1	18
19-Jan-04	60.08	52.79	60.88	2004	1	19
20-Jan-04	53.04	39.71	51.08	2004	1	20
21-Jan-04	55.92	41.42	52.04	2004	1	21
22-Jan-04	55.83	42.38	53.58	2004	1	22
23-Jan-04	53.96	44.46	53.75	2004	1	23
24-Jan-04	54.08	49.08	54.46	2004	1	24
25-Jan-04	59.42	59.75	62.04	2004	1	25
26-Jan-04	68.54	66.13	67.29	2004	1	26
27-Jan-04	67.83	54.33	65.58	2004	1	27
28-Jan-04	50.5	38.83	51.92	2004	1	28
29-Jan-04	51.58	39.13	53.29	2004	1	29
30-Jan-04	57.17	47.38	57.67	2004	1	30
31-Jan-04	56	51.63	55.5	2004	1	31
1-Feb-04	63.54	47.04	64.25	2004	2	1
2-Feb-04	63.04	47.46	60.25	2004	2	2
3-Feb-04	60.33	52.04	61.04	2004	2	3
4-Feb-04	62.58	50.17	65.58	2004	2	4
5-Feb-04	70	61.33	71.5	2004	2	5
6-Feb-04	74.54	65.79	71.58	2004	2	6
7-Feb-04	62.71	48.67	58.92	2004	2	7
8-Feb-04	49.58	41.25	48.5	2004	2	8
9-Feb-04	62.58	47.21	60.33	2004	2	9
10-Feb-04	65.04	54.46	67.58	2004	2	10
11-Feb-04	66.42	55	67.71	2004	2	11
12-Feb-04	71.04	61.58	68.88	2004	2	12
13-Feb-04	62.92	49.04	70.63	2004	2	13
14-Feb-04	65.21	51.38	67.25	2004	2	14
15-Feb-04	65.58	51.83	64.92	2004	2	15
16-Feb-04	56.54	46.83	54.67	2004	2	16
17-Feb-04	54.13	48.33	54.79	2004	2	17
18-Feb-04	49.96	46.29	49.79	2004	2	18
19-Feb-04	53.29	46.21	53.29	2004	2	19
20-Feb-04	59.42	51.54	59.25	2004	2	20
21-Feb-04	68.67	63.71	67.71	2004	2	21

22-Feb-04	66.08	53.5	65.88	2004	2	22
23-Feb-04	67.33	53.08	66.92	2004	2	23
24-Feb-04	67.17	60.13	68	2004	2	24
25-Feb-04	63.67	55.17	64.88	2004	2	25
26-Feb-04	62.04	43.92	65.38	2004	2	26
27-Feb-04	48.08	41.46	50.5	2004	2	27
28-Feb-04	53.21	46.92	55	2004	2	28
29-Feb-04	61.13	55.75	62.79	2004	2	29
1-Mar-04	67.38	64.13	69.17	2004	3	1
2-Mar-04	70.54	62.33	71.21	2004	3	2
3-Mar-04	69.79	63.88	73.08	2004	3	3
4-Mar-04	70.21	65.96	72.71	2004	3	4
5-Mar-04	72.5	67.71	72.96	2004	3	5
6-Mar-04	73.75	68.04	71.13	2004	3	6
7-Mar-04	72.54	63.83	70.25	2004	3	7
8-Mar-04	63.71	56.88	62.54	2004	3	8
9-Mar-04	59.71	53.79	60.08	2004	3	9
10-Mar-04	55.83	50.71	57.71	2004	3	10
11-Mar-04	57.42	49.67	57.63	2004	3	11
12-Mar-04	61.75	55.92	60.71	2004	3	12
13-Mar-04	64.17	59.83	66.83	2004	3	13
14-Mar-04	66.88	62.83	70.33	2004	3	14
15-Mar-04	69.25	65.79	69.96	2004	3	15
16-Mar-04	69.96	66.75	69.58	2004	3	16
17-Mar-04	68.88	61.83	68.38	2004	3	17
18-Mar-04	67	59.96	67	2004	3	18
19-Mar-04	69.38	64.58	69.46	2004	3	19
20-Mar-04	69.54	66.83	71.21	2004	3	20
21-Mar-04	68.75	68.88	68.42	2004	3	21
22-Mar-04	61.83	53.29	64.25	2004	3	22
23-Mar-04	59.5	51.58	60.54	2004	3	23
24-Mar-04	63.04	61.33	64.17	2004	3	24
25-Mar-04	66.21	66.46	66.92	2004	3	25
26-Mar-04	70.17	68.38	70.38	2004	3	26
27-Mar-04	69.42	66.17	71.25	2004	3	27
28-Mar-04	69.46	67	69.04	2004	3	28
29-Mar-04	66.96	67.17	69.79	2004	3	29
30-Mar-04	67.58	62.83	67.29	2004	3	30
31-Mar-04	69.58	61.71	70.63	2004	3	31
1-Apr-04	60.42	53.13	61.04	2004	4	1
2-Apr-04	61.33	55.42	63.29	2004	4	2
3-Apr-04	63.63	60.17	64.58	2004	4	3
4-Apr-04	63.79	61.75	66.04	2004	4	4
5-Apr-04	64.5	57.71	64	2004	4	5
6-Apr-04	66.08	61.96	65.29	2004	4	6
7-Apr-04	70.08	58.08	68.75	2004	4	7
8-Apr-04	71.88	71.63	72.92	2004	4	8

9-Apr-04	73.63	69.67	73.33	2004	4	9
10-Apr-04	73.67	69.42	72.96	2004	4	10
11-Apr-04	74.38	62.13	71.17	2004	4	11
12-Apr-04	71.54	68.88	69.79	2004	4	12
13-Apr-04	70.13	59.71	69.29	2004	4	13
14-Apr-04	58.21	53.08	59.96	2004	4	14
15-Apr-04	61.29	56.71	61.75	2004	4	15
16-Apr-04	63.88	61.33	65.5	2004	4	16
17-Apr-04	67.38	64.29	69	2004	4	17
18-Apr-04	67.79	67.13	70.5	2004	4	18
19-Apr-04	69.04	66.88	69.83	2004	4	19
20-Apr-04	68.67	67.33	69.17	2004	4	20
21-Apr-04	69.83	66.08	71.17	2004	4	21
22-Apr-04	73.38	67.79	73.54	2004	4	22
23-Apr-04	73.29	69.08	75.13	2004	4	23
24-Apr-04	72.92	71.21	75.79	2004	4	24
25-Apr-04	74.29	73	76.79	2004	4	25
26-Apr-04	76.25	70.58	76.17	2004	4	26
27-Apr-04	69.75	68.25	71.63	2004	4	27
28-Apr-04	69.25	65.58	72.42	2004	4	28
29-Apr-04	72.75	72.04	75.21	2004	4	29
30-Apr-04	75.21	71.38	77.5	2004	4	30
1-May-04	78.08	74.79	77.75	2004	5	1
2-May-04	77.83	73.46	78.17	2004	5	2
3-May-04	72.42	67.13	73.42	2004	5	3
4-May-04	69.71	62.13	69.33	2004	5	4
5-May-04	68.75	66.29	71.25	2004	5	5
6-May-04	71.96	73.63	74.88	2004	5	6
7-May-04	73.96	76.08	75.21	2004	5	7
8-May-04	72.75	76.38	75.71	2004	5	8
9-May-04	73.25	74	76.25	2004	5	9
10-May-04	73.71	73.04	75.79	2004	5	10
11-May-04	76.67	75.5	78.88	2004	5	11
12-May-04	76.88	74.17	79.42	2004	5	12
13-May-04	76.58	74.67	79.17	2004	5	13
14-May-04	75.67	75.96	78.25	2004	5	14
15-May-04	75.29	75.54	77.92	2004	5	15
16-May-04	75.71	76.71	76.75	2004	5	16
17-May-04	76.13	75.79	77.13	2004	5	17
18-May-04	75.58	75.71	78.13	2004	5	18
19-May-04	76.42	73.33	77.75	2004	5	19
20-May-04	76.13	75.92	79.5	2004	5	20
21-May-04	76.42	77.13	78.13	2004	5	21
22-May-04	76.33	77.38	78.71	2004	5	22
23-May-04	77.13	76.42	79.46	2004	5	23
24-May-04	77.38	77.29	79.17	2004	5	24
25-May-04	77.58	79.54	79.08	2004	5	25

26-May-04	80.46	79	81.21	2004	5	26
27-May-04	82.29	78.88	80.88	2004	5	27
28-May-04	81.96	79.92	81.67	2004	5	28
29-May-04	81.92	78.83	82	2004	5	29
30-May-04	82.54	81.67	84.04	2004	5	30
31-May-04	85.33	80.79	85.38	2004	5	31
1-Jun-04	83.83	76.54	84.71	2004	6	1
2-Jun-04	81.67	73.75	84.21	2004	6	2
3-Jun-04	78.83	73.58	83.13	2004	6	3
4-Jun-04	75.88	79.29	81.08	2004	6	4
5-Jun-04	76.04	78.13	79.88	2004	6	5
6-Jun-04	77	76.83	81.88	2004	6	6
7-Jun-04	78.42	75.13	80.46	2004	6	7
8-Jun-04	79.71	76.63	79.71	2004	6	8
9-Jun-04	80.04	77.67	79.54	2004	6	9
10-Jun-04	78.29	80.46	79.88	2004	6	10
11-Jun-04	79.21	80.63	81.63	2004	6	11
12-Jun-04	82.71	80.88	83.75	2004	6	12
13-Jun-04	83.13	81.71	82.08	2004	6	13
14-Jun-04	79.75	76.42	79.79	2004	6	14
15-Jun-04	79.17	75.08	79.92	2004	6	15
16-Jun-04	81.67	80.63	83.08	2004	6	16
17-Jun-04	80.92	81.08	83.54	2004	6	17
18-Jun-04	81	81.42	82.46	2004	6	18
19-Jun-04	82.79	81.42	84.17	2004	6	19
20-Jun-04	81.46	80.54	84	2004	6	20
21-Jun-04	80.5	79.88	83.83	2004	6	21
22-Jun-04	83.04	77.67	84.5	2004	6	22
23-Jun-04	84.5	79.5	85.21	2004	6	23
24-Jun-04	83.33	79.75	83.25	2004	6	24
25-Jun-04	82.88	79.75	84	2004	6	25
26-Jun-04	81.83	76.71	83.71	2004	6	26
27-Jun-04	79.67	77.54	79.63	2004	6	27
28-Jun-04	81.75	75.96	79.46	2004	6	28
29-Jun-04	79.96	77.21	78.29	2004	6	29
30-Jun-04	81.79	78.63	81.38	2004	6	30
1-Jul-04	81.29	77.71	82.21	2004	7	1
2-Jul-04	79.79	77.46	79.96	2004	7	2
3-Jul-04	79.38	77.71	81.38	2004	7	3
4-Jul-04	80.04	78.42	81.58	2004	7	4
5-Jul-04	81.79	82.04	81.5	2004	7	5
6-Jul-04	82.29	80.5	83.79	2004	7	6
7-Jul-04	78.83	81.17	81.71	2004	7	7
8-Jul-04	81.13	76.33	82.96	2004	7	8
9-Jul-04	83.46	79.13	84.63	2004	7	9
10-Jul-04	84.04	83.04	86.46	2004	7	10
11-Jul-04	78.5	84.58	82.96	2004	7	11

12-Jul-04	80.29	84.92	80.92	2004	7	12
13-Jul-04	83.54	82.38	82.75	2004	7	13
14-Jul-04	85.08	83.17	85.5	2004	7	14
15-Jul-04	81.83	79.46	85.08	2004	7	15
16-Jul-04	80.33	76	81.42	2004	7	16
17-Jul-04	80.92	78.29	78.96	2004	7	17
18-Jul-04	79.33	76.63	78.79	2004	7	18
19-Jul-04	77	81.08	77.42	2004	7	19
20-Jul-04	78.08	81.71	77.25	2004	7	20
21-Jul-04	81.33	80.96	81.75	2004	7	21
22-Jul-04	82	81.25	83.92	2004	7	22
23-Jul-04	82.75	83.54	81.63	2004	7	23
24-Jul-04	82.38	83.21	80.46	2004	7	24
25-Jul-04	82.79	81.17	83	2004	7	25
26-Jul-04	80.88	82.83	80.63	2004	7	26
27-Jul-04	79.04	79.21	80.92	2004	7	27
28-Jul-04	79.92	80.92	80.08	2004	7	28
29-Jul-04	82.08	81.92	79.79	2004	7	29
30-Jul-04	83.17	83.25	83.67	2004	7	30
31-Jul-04	80.83	83.88	82	2004	7	31
1-Aug-04	78.92	85.54	79.17	2004	8	1
2-Aug-04	81.88	83.92	80.54	2004	8	2
3-Aug-04	81.13	84.17	82.13	2004	8	3
4-Aug-04	80.54	79.88	80	2004	8	4
5-Aug-04	81.38	83.92	82.92	2004	8	5
6-Aug-04	82.38	84.25	84.88	2004	8	6
7-Aug-04	80.5	79.92	79.04	2004	8	7
8-Aug-04	78.88	80.21	79.17	2004	8	8
9-Aug-04	80.58	80.29	80.63	2004	8	9
10-Aug-04	82.13	76.71	81.92	2004	8	10
11-Aug-04	81.04	76.5	83.38	2004	8	11
12-Aug-04	80.58	75.33	82.92	2004	8	12
13-Aug-04	76.83	74.96	78.25	2004	8	13
14-Aug-04	78.29	77.21	77.08	2004	8	14
15-Aug-04	78.88	77.5	78.83	2004	8	15
16-Aug-04	80.25	77.13	81.33	2004	8	16
17-Aug-04	81.21	80.42	81.46	2004	8	17
18-Aug-04	79.58	81.46	81.46	2004	8	18
19-Aug-04	81.38	81.46	82.17	2004	8	19
20-Aug-04	83.79	79.29	84.04	2004	8	20
21-Aug-04	78.88	77.5	81.29	2004	8	21
22-Aug-04	77.5	76.58	81.88	2004	8	22
23-Aug-04	78.67	78.13	81.71	2004	8	23
24-Aug-04	78.79	80.83	81.08	2004	8	24
25-Aug-04	79.08	82.33	79.75	2004	8	25
26-Aug-04	80.75	82.58	81.13	2004	8	26
27-Aug-04	81.17	82.21	83.46	2004	8	27

28-Aug-04	82.42	81.75	82.71	2004	8	28
29-Aug-04	82.04	78.63	83.96	2004	8	29
30-Aug-04	81.63	76.5	83.25	2004	8	30
31-Aug-04	82.46	79.25	82.04	2004	8	31
1-Sep-04	79.83	79.46	80.21	2004	9	1
2-Sep-04	82.79	81	83.54	2004	9	2
3-Sep-04	82.88	81.75	84	2004	9	3
4-Sep-04	79.75	81.54	81.46	2004	9	4
5-Sep-04	76.75	79.38	75.92	2004	9	5
6-Sep-04	78.88	75.71	79.54	2004	9	6
7-Sep-04	81.13	78.46	82.71	2004	9	7
8-Sep-04	79.58	80.33	81.38	2004	9	8
9-Sep-04	78.79	78.63	79.04	2004	9	9
10-Sep-04	81.29	76.92	81.67	2004	9	10
11-Sep-04	80.58	78.75	82.38	2004	9	11
12-Sep-04	79.83	77.96	80.5	2004	9	12
13-Sep-04	80.75	75.25	81.92	2004	9	13
14-Sep-04	80.83	77.75	81.38	2004	9	14
15-Sep-04	82.79	79.42	83.04	2004	9	15
16-Sep-04	83.25	80.92	82.46	2004	9	16
17-Sep-04	82.92	82.58	83.13	2004	9	17
18-Sep-04	82.58	77.13	81.58	2004	9	18
19-Sep-04	79.75	74.54	79.88	2004	9	19
20-Sep-04	76.58	72.17	75.42	2004	9	20
21-Sep-04	76.88	72.08	76.42	2004	9	21
22-Sep-04	79.54	76.79	79.92	2004	9	22
23-Sep-04	78.88	76.71	79.58	2004	9	23
24-Sep-04	77.92	75.13	78.46	2004	9	24
25-Sep-04	77.92	76	76.88	2004	9	25
26-Sep-04	76.75	76.21	75.71	2004	9	26
27-Sep-04	80.58	74.21	79.5	2004	9	27
28-Sep-04	80.63	78.38	79.75	2004	9	28
29-Sep-04	79.92	75.67	79.54	2004	9	29
30-Sep-04	81.17	74.92	79.21	2004	9	30
1-Oct-04	80.63	77.54	80.04	2004	10	1
2-Oct-04	80	78.21	81.29	2004	10	2
3-Oct-04	79.79	78.42	80.38	2004	10	3
4-Oct-04	79.13	76.58	78.92	2004	10	4
5-Oct-04	78.96	74	78.5	2004	10	5
6-Oct-04	77.25	76.33	78.75	2004	10	6
7-Oct-04	76.5	74.63	77.67	2004	10	7
8-Oct-04	75.17	71.96	76.71	2004	10	8
9-Oct-04	76.54	73.71	78.33	2004	10	9
10-Oct-04	77.33	73.58	78.75	2004	10	10
11-Oct-04	73.58	71.54	74.21	2004	10	11
12-Oct-04	75	73.04	76.63	2004	10	12
13-Oct-04	76.54	68.38	77.04	2004	10	13

14-Oct-04	73.04	65.88	74.25	2004	10	14
15-Oct-04	69.08	60.17	71.17	2004	10	15
16-Oct-04	65.46	62.92	67.04	2004	10	16
17-Oct-04	69.88	67.88	71.17	2004	10	17
18-Oct-04	74.5	68.38	75.5	2004	10	18
19-Oct-04	77.96	72.04	78.04	2004	10	19
20-Oct-04	76.96	76.08	79.08	2004	10	20
21-Oct-04	76.17	73.5	78.21	2004	10	21
22-Oct-04	73.63	69.25	75.17	2004	10	22
23-Oct-04	72.83	67.46	73.83	2004	10	23
24-Oct-04	71	68.92	71.88	2004	10	24
25-Oct-04	73.63	72.46	75.33	2004	10	25
26-Oct-04	72.75	70	74.5	2004	10	26
27-Oct-04	72.17	68.67	73.17	2004	10	27
28-Oct-04	72.71	71	73.17	2004	10	28
29-Oct-04	74.5	73.54	73.46	2004	10	29
30-Oct-04	74.75	72.58	75.54	2004	10	30
31-Oct-04	74.29	71.17	76.96	2004	10	31
1-Nov-04	76.13	71.96	78.5	2004	11	1
2-Nov-04	75.63	74.71	78.46	2004	11	2
3-Nov-04	75.04	72.79	77.33	2004	11	3
4-Nov-04	77	68.75	76.54	2004	11	4
5-Nov-04	69.54	58.63	68	2004	11	5
6-Nov-04	68.04	54	65.13	2004	11	6
7-Nov-04	67	54.79	64.92	2004	11	7
8-Nov-04	65.58	59.67	65.79	2004	11	8
9-Nov-04	66.96	62.33	66.54	2004	11	9
10-Nov-04	70.96	62.33	71.67	2004	11	10
11-Nov-04	69.67	65.25	72.75	2004	11	11
12-Nov-04	71.58	68.75	72.63	2004	11	12
13-Nov-04	72	60.75	71.08	2004	11	13
14-Nov-04	72.17	58.04	70.71	2004	11	14
15-Nov-04	70.38	58.17	69.13	2004	11	15
16-Nov-04	67.58	57.67	67.04	2004	11	16
17-Nov-04	66.04	54.13	64.88	2004	11	17
18-Nov-04	65.79	54.58	65.92	2004	11	18
19-Nov-04	67.63	63.42	67.25	2004	11	19
20-Nov-04	69.63	68.75	70.96	2004	11	20
21-Nov-04	70.17	70.42	70.42	2004	11	21
22-Nov-04	71.04	67	71.38	2004	11	22
23-Nov-04	71.21	69.88	72	2004	11	23
24-Nov-04	74.17	71.46	73.92	2004	11	24
25-Nov-04	69.17	56.83	68.88	2004	11	25
26-Nov-04	58.21	45.42	57.54	2004	11	26
27-Nov-04	67.63	53.63	65.54	2004	11	27
28-Nov-04	67.13	55.42	66.21	2004	11	28
29-Nov-04	64.08	52.33	65.67	2004	11	29

30-Nov-04	68.13	60.33	68.67	2004	11	30
1-Dec-04	72	57.17	70.75	2004	12	1
2-Dec-04	66.83	47.67	67.29	2004	12	2
3-Dec-04	60.58	49.5	60.5	2004	12	3
4-Dec-04	57.13	51.21	57.38	2004	12	4
5-Dec-04	62.58	53.63	62.83	2004	12	5
6-Dec-04	69.13	62.08	70.42	2004	12	6
7-Dec-04	71.17	68.71	72.13	2004	12	7
8-Dec-04	71.67	72.5	73	2004	12	8
9-Dec-04	72.58	69.75	73.13	2004	12	9
10-Dec-04	70.96	68.29	72.5	2004	12	10
11-Dec-04	60.63	49.17	63.54	2004	12	11
12-Dec-04	51.67	45.33	52.92	2004	12	12
13-Dec-04	60.13	55.46	62.54	2004	12	13
14-Dec-04	54.04	43.29	53.17	2004	12	14
15-Dec-04	46.42	36.92	44.96	2004	12	15
16-Dec-04	54.79	43.88	55	2004	12	16
17-Dec-04	60.46	48.08	58.96	2004	12	17
18-Dec-04	61.54	48.04	59.92	2004	12	18
19-Dec-04	56.79	44.46	57.67	2004	12	19
20-Dec-04	45.58	36.17	48.79	2004	12	20
21-Dec-04	53.04	42.21	53.88	2004	12	21
22-Dec-04	63.46	57.33	65.79	2004	12	22
23-Dec-04	67.29	55.5	66.79	2004	12	23
24-Dec-04	58.29	36.67	54.96	2004	12	24
25-Dec-04	54.04	38.88	52.38	2004	12	25
26-Dec-04	50.88	39.63	49	2004	12	26
27-Dec-04	50	41.75	50.29	2004	12	27
28-Dec-04	56.75	44.79	56.79	2004	12	28
29-Dec-04	60.67	48.33	61.92	2004	12	29
30-Dec-04	62.58	50.83	64.58	2004	12	30
31-Dec-04	64.54	55.83	66.92	2004	12	31
1-Jan-05	64.58	61.58	67.96	2005	1	1
2-Jan-05	65.25	58.54	67.38	2005	1	2
3-Jan-05	65.71	58.88	66.75	2005	1	3
4-Jan-05	66.29	58.54	67.33	2005	1	4
5-Jan-05	68.79	59.63	68.42	2005	1	5
6-Jan-05	68.88	65.13	68.08	2005	1	6
7-Jan-05	69.13	63.92	68.83	2005	1	7
8-Jan-05	69.33	65.17	70.33	2005	1	8
9-Jan-05	68.13	67.13	68.63	2005	1	9
10-Jan-05	67.21	64.71	65.71	2005	1	10
11-Jan-05	66.25	60.29	67.63	2005	1	11
12-Jan-05	69.21	61.79	70.17	2005	1	12
13-Jan-05	73.21	63.75	73.63	2005	1	13
14-Jan-05	65.63	55.17	64.46	2005	1	14
15-Jan-05	61.08	51.25	58.38	2005	1	15

16-Jan-05	53	50.54	53.96	2005	1	16
17-Jan-05	46.88	39.33	48.33	2005	1	17
18-Jan-05	48.67	37.46	48.33	2005	1	18
19-Jan-05	52.17	43.21	49.21	2005	1	19
20-Jan-05	55.75	52.58	57.08	2005	1	20
21-Jan-05	58.75	54.08	61.04	2005	1	21
22-Jan-05	62.08	60.04	62.58	2005	1	22
23-Jan-05	52.83	38.96	52.17	2005	1	23
24-Jan-05	44.33	36.88	42.71	2005	1	24
25-Jan-05	52.46	45.21	51.71	2005	1	25
26-Jan-05	59.17	58.08	61.25	2005	1	26
27-Jan-05	61.88	60.54	63.13	2005	1	27
28-Jan-05	61.29	48.38	60.75	2005	1	28
29-Jan-05	64.58	44.58	65.58	2005	1	29
30-Jan-05	65.79	48.58	63.54	2005	1	30
31-Jan-05	55.46	43.79	57.88	2005	1	31
1-Feb-05	57.92	49.33	60.08	2005	2	1
2-Feb-05	60	47.5	62.29	2005	2	2
3-Feb-05	63.33	50.08	65.21	2005	2	3
4-Feb-05	50.83	48	51	2005	2	4
5-Feb-05	55.17	45.83	55.08	2005	2	5
6-Feb-05	61.88	53.5	62.29	2005	2	6
7-Feb-05	63	59.96	63.42	2005	2	7
8-Feb-05	64.13	58.38	64.88	2005	2	8
9-Feb-05	64.42	60.88	64.17	2005	2	9
10-Feb-05	63.92	55.5	62.67	2005	2	10
11-Feb-05	49.71	44.5	49.96	2005	2	11
12-Feb-05	53.92	47.54	53.38	2005	2	12
13-Feb-05	57.17	53.21	57.79	2005	2	13
14-Feb-05	64.96	56.83	64.79	2005	2	14
15-Feb-05	67.67	62.25	67.79	2005	2	15
16-Feb-05	68.46	67.08	66.42	2005	2	16
17-Feb-05	69.63	60.5	66.21	2005	2	17
18-Feb-05	58.83	49.92	59.08	2005	2	18
19-Feb-05	57.96	48.58	60.08	2005	2	19
20-Feb-05	63.5	55.58	65	2005	2	20
21-Feb-05	68.46	63.25	67.63	2005	2	21
22-Feb-05	70.25	67	68.58	2005	2	22
23-Feb-05	70.88	63.88	70.21	2005	2	23
24-Feb-05	69.38	66.79	69.38	2005	2	24
25-Feb-05	65	58.08	67.29	2005	2	25
26-Feb-05	64.92	55.17	63.46	2005	2	26
27-Feb-05	68.25	55.13	67.88	2005	2	27
28-Feb-05	66.54	57.08	65.33	2005	2	28
1-Mar-05	59.83	50.33	60.58	2005	3	1
2-Mar-05	53.29	43.04	53.29	2005	3	2
3-Mar-05	49.54	44.5	49.75	2005	3	3

4-Mar-05	55.79	49.13	56.08	2005	3	4
5-Mar-05	58.42	55.42	57.83	2005	3	5
6-Mar-05	62.29	56.08	62.92	2005	3	6
7-Mar-05	66.08	59.67	65.13	2005	3	7
8-Mar-05	66.67	59.71	64.67	2005	3	8
9-Mar-05	51.96	46.33	51.5	2005	3	9
10-Mar-05	54.71	49.58	55.17	2005	3	10
11-Mar-05	59.71	54.21	61.58	2005	3	11
12-Mar-05	62.25	56.71	62.17	2005	3	12
13-Mar-05	65.54	62.58	66.33	2005	3	13
14-Mar-05	67.88	71	68.58	2005	3	14
15-Mar-05	68.79	61.04	69.67	2005	3	15
16-Mar-05	72.79	61.67	70.92	2005	3	16
17-Mar-05	65.79	51.29	66.13	2005	3	17
18-Mar-05	54.21	48.29	57.38	2005	3	18
19-Mar-05	53.79	51.88	56.29	2005	3	19
20-Mar-05	61.25	57.42	62.71	2005	3	20
21-Mar-05	66.71	64.08	66.88	2005	3	21
22-Mar-05	74.92	67.17	74	2005	3	22
23-Mar-05	72.17	70.21	71.13	2005	3	23
24-Mar-05	69.75	65.04	71.67	2005	3	24
25-Mar-05	73.46	68.96	74.17	2005	3	25
26-Mar-05	72.08	68.67	75.79	2005	3	26
27-Mar-05	77.25	70.96	75.71	2005	3	27
28-Mar-05	70.67	61.5	69.54	2005	3	28
29-Mar-05	67.42	63.63	66.5	2005	3	29
30-Mar-05	66.83	62.38	66.88	2005	3	30
31-Mar-05	74.67	67.42	75.17	2005	3	31
1-Apr-05	75.75	64	74.92	2005	4	1
2-Apr-05	69.38	59.25	67.13	2005	4	2
3-Apr-05	62.25	56.54	61.04	2005	4	3
4-Apr-05	65.46	61.13	64.5	2005	4	4
5-Apr-05	68.83	61.96	69.92	2005	4	5
6-Apr-05	71.29	66.88	73.58	2005	4	6
7-Apr-05	72.5	68	72.63	2005	4	7
8-Apr-05	71	64.54	70.46	2005	4	8
9-Apr-05	68.5	66.42	69.21	2005	4	9
10-Apr-05	68.33	67.92	71.25	2005	4	10
11-Apr-05	68.42	65.21	70.88	2005	4	11
12-Apr-05	71	65.04	72.17	2005	4	12
13-Apr-05	72.58	66.21	71.67	2005	4	13
14-Apr-05	65.58	58.96	70.38	2005	4	14
15-Apr-05	61.38	58.17	63.08	2005	4	15
16-Apr-05	60.42	57.25	63.21	2005	4	16
17-Apr-05	62.33	56.54	63.83	2005	4	17
18-Apr-05	65.38	59.58	65.17	2005	4	18
19-Apr-05	67.04	63.29	68.75	2005	4	19

20-Apr-05	68.58	66.42	70.13	2005	4	20
21-Apr-05	69.79	67.21	69.96	2005	4	21
22-Apr-05	71.88	68.42	70.04	2005	4	22
23-Apr-05	68.08	66.58	69.96	2005	4	23
24-Apr-05	62.58	55.17	61.13	2005	4	24
25-Apr-05	62.67	55.21	62.71	2005	4	25
26-Apr-05	69	63.83	67.04	2005	4	26
27-Apr-05	72.54	69.5	69.96	2005	4	27
28-Apr-05	69.54	63.38	69.29	2005	4	28
29-Apr-05	71.21	65.88	73.17	2005	4	29
30-Apr-05	75.21	67.79	75.38	2005	4	30
1-May-05	72.92	66.29	72.67	2005	5	1
2-May-05	73.25	65	74.04	2005	5	2
3-May-05	72.71	66.33	75.63	2005	5	3
4-May-05	71.13	68.67	71.75	2005	5	4
5-May-05	70.79	64.63	71.38	2005	5	5
6-May-05	66.42	64.17	69.17	2005	5	6
7-May-05	68.42	66.63	69.08	2005	5	7
8-May-05	71.33	67.96	71.92	2005	5	8
9-May-05	72.58	67.83	73	2005	5	9
10-May-05	73.88	70.83	73.21	2005	5	10
11-May-05	71.29	75.63	73.88	2005	5	11
12-May-05	73.46	74.25	75.21	2005	5	12
13-May-05	74.17	75.33	76.63	2005	5	13
14-May-05	74.21	73.17	74.25	2005	5	14
15-May-05	74.38	72.17	76.17	2005	5	15
16-May-05	76.17	70	76.92	2005	5	16
17-May-05	77.71	74.25	77.92	2005	5	17
18-May-05	77.17	74.83	79.29	2005	5	18
19-May-05	76.54	74.75	78.71	2005	5	19
20-May-05	77	75.92	76.88	2005	5	20
21-May-05	76.88	75.25	78.13	2005	5	21
22-May-05	75.88	73.71	76.88	2005	5	22
23-May-05	79	78.63	78.25	2005	5	23
24-May-05	80.33	83.83	79.17	2005	5	24
25-May-05	77.67	75.25	80.83	2005	5	25
26-May-05	73.79	72.08	77.29	2005	5	26
27-May-05	75.79	73.33	78.21	2005	5	27
28-May-05	80.33	75.17	79.46	2005	5	28
29-May-05	79.08	77.17	79.17	2005	5	29
30-May-05	81.08	76.88	81.92	2005	5	30
31-May-05	75.25	74.58	78.42	2005	5	31
1-Jun-05	73.54	75.42	76	2005	6	1
2-Jun-05	75.33	76.79	76.75	2005	6	2
3-Jun-05	74.33	78.04	77.08	2005	6	3
4-Jun-05	75.92	77.5	75.58	2005	6	4
5-Jun-05	76.13	77.83	78.42	2005	6	5

6-Jun-05	78.71	78.67	79.83	2005	6	6
7-Jun-05	79.92	78.75	80.83	2005	6	7
8-Jun-05	81.08	79.25	79.46	2005	6	8
9-Jun-05	77.79	77.29	77.96	2005	6	9
10-Jun-05	78.79	75.83	77.5	2005	6	10
11-Jun-05	80.21	77.96	81.38	2005	6	11
12-Jun-05	80.13	81.71	80.5	2005	6	12
13-Jun-05	81.17	79.21	82.17	2005	6	13
14-Jun-05	81.33	80.88	82.29	2005	6	14
15-Jun-05	80.46	83.42	83.67	2005	6	15
16-Jun-05	80.13	83.96	82.92	2005	6	16
17-Jun-05	79.29	80.83	83.42	2005	6	17
18-Jun-05	80.42	77.54	81.96	2005	6	18
19-Jun-05	79.42	78.75	81.67	2005	6	19
20-Jun-05	78.46	79.38	78.92	2005	6	20
21-Jun-05	77.29	79.25	77.25	2005	6	21
22-Jun-05	75.63	80.58	77.21	2005	6	22
23-Jun-05	76.08	82.38	75.88	2005	6	23
24-Jun-05	75.71	79.79	78.25	2005	6	24
25-Jun-05	79.58	77.33	78.88	2005	6	25
26-Jun-05	81.88	77.75	82.21	2005	6	26
27-Jun-05	80.08	81	79.75	2005	6	27
28-Jun-05	79	77.67	79.75	2005	6	28
29-Jun-05	77.92	77.42	79.75	2005	6	29
30-Jun-05	78.42	80.13	79.92	2005	6	30
1-Jul-05	79.25	81.21	83.04	2005	7	1
2-Jul-05	81.25	80.17	83.08	2005	7	2
3-Jul-05	81.79	80.46	84.33	2005	7	3
4-Jul-05	83.25	82.13	84.75	2005	7	4
5-Jul-05	84.25	82.75	84.83	2005	7	5
6-Jul-05	83.46	81.67	84.54	2005	7	6
7-Jul-05	83.83	83.38	84.79	2005	7	7
8-Jul-05	84.5	83.29	83.54	2005	7	8
9-Jul-05	82.33	78.38	77.46	2005	7	9
10-Jul-05	80.33	76.38	81.46	2005	7	10
11-Jul-05	82.29	83.25	82.25	2005	7	11
12-Jul-05	81.75	82.79	80.83	2005	7	12
13-Jul-05	82.54	81.88	80.71	2005	7	13
14-Jul-05	81.04	79.46	81.83	2005	7	14
15-Jul-05	82.17	78.75	81.5	2005	7	15
16-Jul-05	83	78.79	81.71	2005	7	16
17-Jul-05	83.88	79.33	82.79	2005	7	17
18-Jul-05	84.42	82.92	83.92	2005	7	18
19-Jul-05	82.42	82.67	84.29	2005	7	19
20-Jul-05	84.92	81.33	84.21	2005	7	20
21-Jul-05	84.88	83.21	84.83	2005	7	21
22-Jul-05	84.29	84.58	84.42	2005	7	22

23-Jul-05	84.25	83.33	84.92	2005	7	23
24-Jul-05	84.54	85.63	82.08	2005	7	24
25-Jul-05	84.04	83.75	84.13	2005	7	25
26-Jul-05	84	85.13	83.67	2005	7	26
27-Jul-05	85.33	85.13	85	2005	7	27
28-Jul-05	85.13	84	84.71	2005	7	28
29-Jul-05	83.88	82	82.42	2005	7	29
30-Jul-05	80.33	76.38	81.58	2005	7	30
31-Jul-05	80.79	76.46	82	2005	7	31
1-Aug-05	79.92	75.79	83.29	2005	8	1
2-Aug-05	82.5	76	84.17	2005	8	2
3-Aug-05	82.58	77.83	84.13	2005	8	3
4-Aug-05	82.88	77.46	84.96	2005	8	4
5-Aug-05	79.29	77.58	82.75	2005	8	5
6-Aug-05	80.58	75.58	80.67	2005	8	6
7-Aug-05	79.58	77.04	79.25	2005	8	7
8-Aug-05	79.21	78.75	80.21	2005	8	8
9-Aug-05	80.63	79.71	82.5	2005	8	9
10-Aug-05	84.17	79.79	84.58	2005	8	10
11-Aug-05	84.08	78.21	85.13	2005	8	11
12-Aug-05	81.92	81.38	84.08	2005	8	12
13-Aug-05	83.38	83.46	84.83	2005	8	13
14-Aug-05	81.58	83.17	82.42	2005	8	14
15-Aug-05	83.21	81.25	83.08	2005	8	15
16-Aug-05	85.54	82.5	85.21	2005	8	16
17-Aug-05	85.88	83.58	83.83	2005	8	17
18-Aug-05	84.71	84.96	84.5	2005	8	18
19-Aug-05	85.17	86	85.71	2005	8	19
20-Aug-05	83.04	85.25	84	2005	8	20
21-Aug-05	83.25	83.88	83.04	2005	8	21
22-Aug-05	84.25	83	83.46	2005	8	22
23-Aug-05	84.42	81	82.58	2005	8	23
24-Aug-05	83.79	81.71	83.21	2005	8	24
25-Aug-05	83.17	84.29	83.58	2005	8	25
26-Aug-05	83.92	81.71	82.42	2005	8	26
27-Aug-05	84.25	83.13	80.29	2005	8	27
28-Aug-05	82.58	83.83	83	2005	8	28
29-Aug-05	84.33	82.13	84.13	2005	8	29
30-Aug-05	82.54	86.25	84.5	2005	8	30
31-Aug-05	81.54	80.29	84.25	2005	8	31
1-Sep-05	81.63	82.46	83.42	2005	9	1
2-Sep-05	81.21	82	81.33	2005	9	2
3-Sep-05	82.83	80.71	82.58	2005	9	3
4-Sep-05	81.92	80.75	83.33	2005	9	4
5-Sep-05	79.38	80.38	80	2005	9	5
6-Sep-05	79.42	80.04	80.33	2005	9	6
7-Sep-05	78.96	80.17	80.46	2005	9	7

8-Sep-05	79.04	80.5	80.96	2005	9	8
9-Sep-05	78.5	77.96	81.5	2005	9	9
10-Sep-05	80.58	76.46	82.29	2005	9	10
11-Sep-05	81.29	75.96	81.33	2005	9	11
12-Sep-05	81.67	79.79	80.33	2005	9	12
13-Sep-05	81.96	78.29	82.38	2005	9	13
14-Sep-05	81.29	79.42	83.04	2005	9	14
15-Sep-05	81.54	80.13	81.96	2005	9	15
16-Sep-05	81.79	82.71	81.42	2005	9	16
17-Sep-05	82.08	83.5	83	2005	9	17
18-Sep-05	81.92	84.75	83.96	2005	9	18
19-Sep-05	82.71	84.88	84.13	2005	9	19
20-Sep-05	81.38	83.33	81.38	2005	9	20
21-Sep-05	78.5	80.83	80.63	2005	9	21
22-Sep-05	79.88	78.21	79.46	2005	9	22
23-Sep-05	81.08	80.46	81.71	2005	9	23
24-Sep-05	81	80.75	83.38	2005	9	24
25-Sep-05	80.29	79.71	82.04	2005	9	25
26-Sep-05	80.71	78.54	80.63	2005	9	26
27-Sep-05	78.75	77.04	79.67	2005	9	27
28-Sep-05	76.71	79.08	79.04	2005	9	28
29-Sep-05	79	78.67	80	2005	9	29
30-Sep-05	80.42	79.38	82.25	2005	9	30
1-Oct-05	80.88	80.63	82.17	2005	10	1
2-Oct-05	79.92	79.92	80.54	2005	10	2
3-Oct-05	79.5	80.33	81.17	2005	10	3
4-Oct-05	76.21	81	78.58	2005	10	4
5-Oct-05	77.54	78.21	78.33	2005	10	5
6-Oct-05	77.46	78.42	78.83	2005	10	6
7-Oct-05	77.58	80.08	79.83	2005	10	7
8-Oct-05	78.25	76.75	79.96	2005	10	8
9-Oct-05	79.96	75.33	81.42	2005	10	9
10-Oct-05	80.71	74.67	81.33	2005	10	10
11-Oct-05	78.63	77.96	80.54	2005	10	11
12-Oct-05	78.33	74.63	79.5	2005	10	12
13-Oct-05	77.25	73.08	79	2005	10	13
14-Oct-05	75.71	72.33	78.21	2005	10	14
15-Oct-05	74.08	73.13	76.5	2005	10	15
16-Oct-05	72.79	70.17	74.75	2005	10	16
17-Oct-05	73.25	69.71	74.54	2005	10	17
18-Oct-05	73.96	70	75.58	2005	10	18
19-Oct-05	75.96	71.25	77.04	2005	10	19
20-Oct-05	79.17	73.88	80.75	2005	10	20
21-Oct-05	76.83	77.08	79.08	2005	10	21
22-Oct-05	76.46	74.58	79.5	2005	10	22
23-Oct-05	77.38	67.5	77.67	2005	10	23
24-Oct-05	64.96	60.83	66.54	2005	10	24

25-Oct-05	56.29	53.29	58.75	2005	10	25
26-Oct-05	57	50.96	57.21	2005	10	26
27-Oct-05	62.38	56.21	60.63	2005	10	27
28-Oct-05	65.67	58.04	65.17	2005	10	28
29-Oct-05	63.88	54.79	64.54	2005	10	29
30-Oct-05	64.5	54.58	65.17	2005	10	30
31-Oct-05	68.79	61.33	68.71	2005	10	31
1-Nov-05	68.42	67.33	67.79	2005	11	1
2-Nov-05	69.13	67.67	68.13	2005	11	2
3-Nov-05	69.13	64.71	71.29	2005	11	3
4-Nov-05	69.33	63.21	69.96	2005	11	4
5-Nov-05	70.67	65.67	73.21	2005	11	5
6-Nov-05	72.25	70.33	73.42	2005	11	6
7-Nov-05	72.88	69	74.58	2005	11	7
8-Nov-05	73.21	69.54	75.83	2005	11	8
9-Nov-05	71.96	69.42	71.63	2005	11	9
10-Nov-05	70.38	71.58	71.33	2005	11	10
11-Nov-05	68.25	57.38	69.79	2005	11	11
12-Nov-05	67.92	65.17	70.58	2005	11	12
13-Nov-05	69.29	67.33	72.25	2005	11	13
14-Nov-05	71.33	67.46	71.88	2005	11	14
15-Nov-05	72.08	71.38	75.5	2005	11	15
16-Nov-05	72.54	67.08	73.92	2005	11	16
17-Nov-05	65.75	52.75	69.33	2005	11	17
18-Nov-05	64.04	51.21	64.17	2005	11	18
19-Nov-05	69.42	57.38	68.75	2005	11	19
20-Nov-05	72.08	63.92	73.46	2005	11	20
21-Nov-05	70.21	60.17	71.33	2005	11	21
22-Nov-05	58.46	52.88	62.42	2005	11	22
23-Nov-05	52.92	48.54	56	2005	11	23
24-Nov-05	63.67	62.54	68	2005	11	24
25-Nov-05	65.83	60.38	69.29	2005	11	25
26-Nov-05	65.08	63.63	68.04	2005	11	26
27-Nov-05	69.04	67.83	71.29	2005	11	27
28-Nov-05	71.63	69.83	72.58	2005	11	28
29-Nov-05	69.13	63.17	70.79	2005	11	29
30-Nov-05	62.54	48.54	60.08	2005	11	30
1-Dec-05	56.21	49.29	55.42	2005	12	1
2-Dec-05	56.42	47.21	57.63	2005	12	2
3-Dec-05	58.17	50.67	58.88	2005	12	3
4-Dec-05	62.54	68.54	63.67	2005	12	4
5-Dec-05	68.38	66.54	67.88	2005	12	5
6-Dec-05	63.42	49.83	62.88	2005	12	6
7-Dec-05	65.79	51.29	63.75	2005	12	7
8-Dec-05	65.5	60.58	65.79	2005	12	8
9-Dec-05	68.58	55.67	68.42	2005	12	9
10-Dec-05	62.33	50.33	59.25	2005	12	10

11-Dec-05	56.54	50.38	56.63	2005	12	11
12-Dec-05	53.75	46.13	53.96	2005	12	12
13-Dec-05	54.42	44.96	55.67	2005	12	13
14-Dec-05	58.5	49.88	58.46	2005	12	14
15-Dec-05	67.08	60.54	65.75	2005	12	15
16-Dec-05	59.08	47.13	57.38	2005	12	16
17-Dec-05	64.04	47.33	58.63	2005	12	17
18-Dec-05	62.54	50.75	61.21	2005	12	18
19-Dec-05	58	52.13	56.63	2005	12	19
20-Dec-05	57.92	45.08	54.83	2005	12	20
21-Dec-05	53.21	42.5	50.13	2005	12	21
22-Dec-05	52.29	39.25	48.04	2005	12	22
23-Dec-05	54.92	40.5	52	2005	12	23
24-Dec-05	60.42	46.79	57.75	2005	12	24
25-Dec-05	63.5	59.46	63.5	2005	12	25
26-Dec-05	54.75	50.08	55.46	2005	12	26
27-Dec-05	51.21	46.96	53.88	2005	12	27
28-Dec-05	55.67	57.54	57.33	2005	12	28
29-Dec-05	63.42	56.71	63.75	2005	12	29
30-Dec-05	56.33	52.08	59.58	2005	12	30
31-Dec-05	62.88	66.63	64.75	2005	12	31
1-Jan-06	66.17	65.21	67.17	2006	1	1
2-Jan-06	72.71	70.75	69.67	2006	1	2
3-Jan-06	71.58	63.63	68.42	2006	1	3
4-Jan-06	61.13	54.21	60.38	2006	1	4
5-Jan-06	60.75	59	61.46	2006	1	5
6-Jan-06	53.92	47.67	54.58	2006	1	6
7-Jan-06	46.58	41.13	47.17	2006	1	7
8-Jan-06	49.96	49.42	51.63	2006	1	8
9-Jan-06	57.63	55.96	57.71	2006	1	9
10-Jan-06	65.13	55.08	65.92	2006	1	10
11-Jan-06	66.67	63.75	67.38	2006	1	11
12-Jan-06	67.5	64.04	67.08	2006	1	12
13-Jan-06	68.04	60.71	67.17	2006	1	13
14-Jan-06	56.21	49.88	56.79	2006	1	14
15-Jan-06	51.67	48.54	50.75	2006	1	15
16-Jan-06	57.58	55.13	56.13	2006	1	16
17-Jan-06	66.38	58.25	65.96	2006	1	17
18-Jan-06	56.79	47.71	54.92	2006	1	18
19-Jan-06	56.21	44.38	56.04	2006	1	19
20-Jan-06	66.38	56.13	67.83	2006	1	20
21-Jan-06	70.33	68.17	71.17	2006	1	21
22-Jan-06	71.42	65	73.58	2006	1	22
23-Jan-06	72.63	68.25	72.08	2006	1	23
24-Jan-06	70.33	65.21	68.71	2006	1	24
25-Jan-06	62.58	52.21	60.96	2006	1	25
26-Jan-06	56.88	47.75	56.13	2006	1	26

27-Jan-06	58.88	52.79	59.38	2006	1	27
28-Jan-06	62.17	56.96	63.46	2006	1	28
29-Jan-06	66.75	61.58	66.38	2006	1	29
30-Jan-06	65.58	64.79	64.46	2006	1	30
31-Jan-06	59.71	51.13	58.92	2006	1	31
1-Feb-06	57.79	48.38	55.88	2006	2	1
2-Feb-06	68.71	54.42	65.71	2006	2	2
3-Feb-06	65	63.42	66.21	2006	2	3
4-Feb-06	62.63	58.17	62.38	2006	2	4
5-Feb-06	53.38	46.71	55.79	2006	2	5
6-Feb-06	54.08	51.83	57.54	2006	2	6
7-Feb-06	60.29	55.96	58.96	2006	2	7
8-Feb-06	53.38	46.63	50.96	2006	2	8
9-Feb-06	55.17	43.67	54.25	2006	2	9
10-Feb-06	55.38	43.17	53.38	2006	2	10
11-Feb-06	58.58	53.38	57.67	2006	2	11
12-Feb-06	46.96	38.58	47.71	2006	2	12
13-Feb-06	44.25	36.67	46.17	2006	2	13
14-Feb-06	47.25	40.33	47.79	2006	2	14
15-Feb-06	56.08	52.38	57.42	2006	2	15
16-Feb-06	62.42	57	64.79	2006	2	16
17-Feb-06	66.46	60.21	66.38	2006	2	17
18-Feb-06	68.21	64.42	65.5	2006	2	18
19-Feb-06	62.54	50.38	64.33	2006	2	19
20-Feb-06	64.33	55.42	63.17	2006	2	20
21-Feb-06	68.75	65.83	64.83	2006	2	21
22-Feb-06	70.58	66.33	69.13	2006	2	22
23-Feb-06	75	66.54	70.96	2006	2	23
24-Feb-06	65.63	58.71	65.96	2006	2	24
25-Feb-06	71.58	64.58	70	2006	2	25
26-Feb-06	62.29	58.79	64.08	2006	2	26
27-Feb-06	56.67	50.13	56.83	2006	2	27
28-Feb-06	60.71	53.46	59.38	2006	2	28
1-Mar-06	63.88	58.79	64.04	2006	3	1
2-Mar-06	67.92	70.13	66.5	2006	3	2
3-Mar-06	71.88	66.79	69	2006	3	3
4-Mar-06	63.92	57.17	65.33	2006	3	4
5-Mar-06	61.67	55.38	62.21	2006	3	5
6-Mar-06	63.88	60.92	63.29	2006	3	6
7-Mar-06	62.42	57.33	64.88	2006	3	7
8-Mar-06	60.13	51.13	60.38	2006	3	8
9-Mar-06	65.5	59.13	65.83	2006	3	9
10-Mar-06	71.88	69.88	71.21	2006	3	10
11-Mar-06	73.67	69.25	73.42	2006	3	11
12-Mar-06	72.17	69.42	73.33	2006	3	12
13-Mar-06	74.21	69.83	73.21	2006	3	13
14-Mar-06	75.83	71.08	73.04	2006	3	14

15-Mar-06	64.63	56.25	66.04	2006	3	15
16-Mar-06	65.92	57.46	66.13	2006	3	16
17-Mar-06	69.75	65.96	68.29	2006	3	17
18-Mar-06	69.54	61.96	69.29	2006	3	18
19-Mar-06	67.08	63.21	68.17	2006	3	19
20-Mar-06	73.13	67.42	72.46	2006	3	20
21-Mar-06	75.96	77.58	74.58	2006	3	21
22-Mar-06	70	61.29	68.75	2006	3	22
23-Mar-06	66.5	56.04	66.04	2006	3	23
24-Mar-06	64	53.04	61.29	2006	3	24
25-Mar-06	56.88	49.71	55.17	2006	3	25
26-Mar-06	56.29	47.88	54.92	2006	3	26
27-Mar-06	57.71	50.88	57.25	2006	3	27
28-Mar-06	63.63	57.71	63.08	2006	3	28
29-Mar-06	68.79	62.67	67.75	2006	3	29
30-Mar-06	68.88	67.83	71.25	2006	3	30
31-Mar-06	70.08	66.67	72.21	2006	3	31
1-Apr-06	71.5	66.08	71.42	2006	4	1
2-Apr-06	73.83	74.08	69.83	2006	4	2
3-Apr-06	74.67	73.67	71.38	2006	4	3
4-Apr-06	73.29	66.25	72.67	2006	4	4
5-Apr-06	69.54	61.96	68.79	2006	4	5
6-Apr-06	71.79	65.88	69.04	2006	4	6
7-Apr-06	76.13	65.88	72.17	2006	4	7
8-Apr-06	76.79	73.54	75.08	2006	4	8
9-Apr-06	69.38	62.88	72.67	2006	4	9
10-Apr-06	68.71	64	69.21	2006	4	10
11-Apr-06	68.5	65.96	69.63	2006	4	11
12-Apr-06	69.46	68.96	71.33	2006	4	12
13-Apr-06	68.92	68.92	70.83	2006	4	13
14-Apr-06	70.25	72.42	71.25	2006	4	14
15-Apr-06	73	72.71	72.21	2006	4	15
16-Apr-06	73.67	70.08	73	2006	4	16
17-Apr-06	75.25	76.83	75.21	2006	4	17
18-Apr-06	75.75	77.21	76.04	2006	4	18
19-Apr-06	77.42	74.13	76.38	2006	4	19
20-Apr-06	78.83	77.79	77.13	2006	4	20
21-Apr-06	77.5	76.04	77.54	2006	4	21
22-Apr-06	76	69.25	77.67	2006	4	22
23-Apr-06	76.29	73.04	77.75	2006	4	23
24-Apr-06	78.67	73.54	76.75	2006	4	24
25-Apr-06	78.83	77.08	78	2006	4	25
26-Apr-06	79.33	73.25	78.71	2006	4	26
27-Apr-06	78.54	69.13	76.42	2006	4	27
28-Apr-06	72	67.79	73.25	2006	4	28
29-Apr-06	71.21	69.29	71.92	2006	4	29
30-Apr-06	70	68.13	71	2006	4	30

1-May-06	70	67.46	71.33	2006	5	1
2-May-06	70.46	67.96	71.67	2006	5	2
3-May-06	74.17	72.54	73.13	2006	5	3
4-May-06	78.17	73.33	74.54	2006	5	4
5-May-06	75.5	72.25	74.29	2006	5	5
6-May-06	77.75	75.08	76.83	2006	5	6
7-May-06	79.46	72.04	77.67	2006	5	7
8-May-06	78.67	73.88	78.92	2006	5	8
9-May-06	77	73.75	76.96	2006	5	9
10-May-06	79.63	74.25	78.29	2006	5	10
11-May-06	77.54	69.04	79.33	2006	5	11
12-May-06	74	65.63	72.79	2006	5	12
13-May-06	71.17	68.54	73.21	2006	5	13
14-May-06	76.38	72.54	73.33	2006	5	14
15-May-06	75.13	71.5	76.88	2006	5	15
16-May-06	68.38	65.04	69.08	2006	5	16
17-May-06	71.96	66.5	71.17	2006	5	17
18-May-06	71.83	70.42	74.13	2006	5	18
19-May-06	76.08	77.08	76.83	2006	5	19
20-May-06	79.54	78.42	77.88	2006	5	20
21-May-06	79.67	78.5	77.92	2006	5	21
22-May-06	80.96	76.17	78.04	2006	5	22
23-May-06	80.63	78.96	77.88	2006	5	23
24-May-06	80.88	78.83	79.04	2006	5	24
25-May-06	79.08	77.42	79.75	2006	5	25
26-May-06	78.13	76.25	80	2006	5	26
27-May-06	80.63	79.71	81.54	2006	5	27
28-May-06	80.08	81.79	81.96	2006	5	28
29-May-06	80.54	79.79	83.5	2006	5	29
30-May-06	79.71	79.04	81.08	2006	5	30
31-May-06	79.46	79.5	80.79	2006	5	31
1-Jun-06	78	78.25	78.21	2006	6	1
2-Jun-06	78.75	77.42	79.67	2006	6	2
3-Jun-06	80.25	78.13	80.29	2006	6	3
4-Jun-06	78.17	78.29	80.96	2006	6	4
5-Jun-06	80.46	78.08	80.79	2006	6	5
6-Jun-06	78.21	77.25	80.75	2006	6	6
7-Jun-06	77.54	74.04	81.13	2006	6	7
8-Jun-06	80.21	78.58	80.75	2006	6	8
9-Jun-06	83	82.63	82.54	2006	6	9
10-Jun-06	82	81.5	81.5	2006	6	10
11-Jun-06	77.67	79.83	79.71	2006	6	11
12-Jun-06	74.83	74.71	75.5	2006	6	12
13-Jun-06	78.54	71.71	80.13	2006	6	13
14-Jun-06	80.83	77.75	80.54	2006	6	14
15-Jun-06	83.04	80.17	81.04	2006	6	15
16-Jun-06	82.13	80.71	80.67	2006	6	16

17-Jun-06	80.29	80.42	82.04	2006	6	17
18-Jun-06	76.5	77.38	79.08	2006	6	18
19-Jun-06	80.13	78.83	78.54	2006	6	19
20-Jun-06	81.5	81.08	80.63	2006	6	20
21-Jun-06	82.08	82.88	82.54	2006	6	21
22-Jun-06	82.5	81.17	83.5	2006	6	22
23-Jun-06	82.58	82.08	82.92	2006	6	23
24-Jun-06	78.54	84.04	79.79	2006	6	24
25-Jun-06	77.04	83.08	76.58	2006	6	25
26-Jun-06	75.67	80	79.33	2006	6	26
27-Jun-06	78.54	77.79	83	2006	6	27
28-Jun-06	78.88	75.75	82.67	2006	6	28
29-Jun-06	79.25	80.63	83.29	2006	6	29
30-Jun-06	82.33	82.75	84.25	2006	6	30
1-Jul-06	81.71	82.29	84.75	2006	7	1
2-Jul-06	79.33	82.17	80.29	2006	7	2
3-Jul-06	81.67	83	79.5	2006	7	3
4-Jul-06	81.04	83.54	81.21	2006	7	4
5-Jul-06	79.63	82.88	80.92	2006	7	5
6-Jul-06	81.63	81.38	83.54	2006	7	6
7-Jul-06	77.38	77.79	78.29	2006	7	7
8-Jul-06	78.71	78.79	77.92	2006	7	8
9-Jul-06	79.63	76.79	79.79	2006	7	9
10-Jul-06	80.54	79.13	79.88	2006	7	10
11-Jul-06	79.5	81.71	78.04	2006	7	11
12-Jul-06	78.92	80.29	79.42	2006	7	12
13-Jul-06	79.75	82.13	79.33	2006	7	13
14-Jul-06	82.63	81.96	81.88	2006	7	14
15-Jul-06	82.67	83.83	83.54	2006	7	15
16-Jul-06	82.42	82.13	84.33	2006	7	16
17-Jul-06	79	80.25	83.29	2006	7	17
18-Jul-06	81.08	81.21	81.08	2006	7	18
19-Jul-06	81.42	80.92	79.08	2006	7	19
20-Jul-06	78.88	82.88	79.38	2006	7	20
21-Jul-06	79.17	82.46	80.54	2006	7	21
22-Jul-06	80.54	81.13	80.67	2006	7	22
23-Jul-06	80.58	78.71	82.13	2006	7	23
24-Jul-06	79.38	78.58	83.71	2006	7	24
25-Jul-06	84.04	78.58	84.58	2006	7	25
26-Jul-06	82.54	83.71	84.63	2006	7	26
27-Jul-06	82.13	85.13	80.83	2006	7	27
28-Jul-06	81.46	82.96	78.63	2006	7	28
29-Jul-06	81.04	79.88	81.08	2006	7	29
30-Jul-06	82.25	77.42	82.79	2006	7	30
31-Jul-06	80.83	79.25	84.33	2006	7	31
1-Aug-06	82.92	81.96	84.08	2006	8	1
2-Aug-06	83.88	82.71	85.54	2006	8	2

3-Aug-06	82.92	81.79	83.67	2006	8	3
4-Aug-06	79.29	80.54	81.5	2006	8	4
5-Aug-06	81.21	80.13	82.58	2006	8	5
6-Aug-06	83.33	84.08	81.79	2006	8	6
7-Aug-06	81.88	84.58	82.5	2006	8	7
8-Aug-06	82.83	81.08	83.29	2006	8	8
9-Aug-06	82.21	81.88	84.04	2006	8	9
10-Aug-06	82.75	83.83	83.38	2006	8	10
11-Aug-06	85.21	84.38	85.04	2006	8	11
12-Aug-06	85.46	83.13	85.54	2006	8	12
13-Aug-06	82.63	80.54	86.42	2006	8	13
14-Aug-06	82.33	81.04	81.5	2006	8	14
15-Aug-06	82.04	81.13	79.96	2006	8	15
16-Aug-06	81.58	79.88	80.38	2006	8	16
17-Aug-06	79.25	82.67	79.08	2006	8	17
18-Aug-06	80.08	83.96	79.96	2006	8	18
19-Aug-06	78.58	84.21	79.58	2006	8	19
20-Aug-06	79.04	83.13	78.79	2006	8	20
21-Aug-06	79	82.5	79.04	2006	8	21
22-Aug-06	81.67	80.58	80.33	2006	8	22
23-Aug-06	81.17	81.21	83.88	2006	8	23
24-Aug-06	78.71	78.75	80.96	2006	8	24
25-Aug-06	77.42	78.42	78.88	2006	8	25
26-Aug-06	78.04	81.75	80.21	2006	8	26
27-Aug-06	80.29	84.58	81.08	2006	8	27
28-Aug-06	83.63	83.5	83.38	2006	8	28
29-Aug-06	83.33	82.75	85.04	2006	8	29
30-Aug-06	78.92	81.42	80.88	2006	8	30
31-Aug-06	81.08	82.04	84.33	2006	8	31
1-Sep-06	79.54	82.25	82.88	2006	9	1
2-Sep-06	79.08	80.83	84.5	2006	9	2
3-Sep-06	78.13	80.88	81.88	2006	9	3
4-Sep-06	78	80.17	81.17	2006	9	4
5-Sep-06	78.46	77.04	80.96	2006	9	5
6-Sep-06	80.75	76.33	83	2006	9	6
7-Sep-06	78.17	75.17	79.38	2006	9	7
8-Sep-06	79.88	75.58	77.58	2006	9	8
9-Sep-06	79.63	76.13	81.38	2006	9	9
10-Sep-06	80	76.58	81.13	2006	9	10
11-Sep-06	81.33	78.67	81.38	2006	9	11
12-Sep-06	80.25	77.79	81.38	2006	9	12
13-Sep-06	79.29	75.75	80	2006	9	13
14-Sep-06	78.79	77.38	83.46	2006	9	14
15-Sep-06	80.29	78	84.13	2006	9	15
16-Sep-06	81.13	79.58	82.21	2006	9	16
17-Sep-06	79.67	79.33	82.92	2006	9	17
18-Sep-06	81	77.75	83.67	2006	9	18

19-Sep-06	79.08	76.67	80.04	2006	9	19
20-Sep-06	78.46	72.04	80.42	2006	9	20
21-Sep-06	78.38	69.79	78.29	2006	9	21
22-Sep-06	79.88	75.38	82.5	2006	9	22
23-Sep-06	79.21	79.08	82.38	2006	9	23
24-Sep-06	81.58	77.63	81.75	2006	9	24
25-Sep-06	81.96	76.38	82.08	2006	9	25
26-Sep-06	79.42	71.71	81.88	2006	9	26
27-Sep-06	77.96	67.96	77.88	2006	9	27
28-Sep-06	74.75	70.83	76.96	2006	9	28
29-Sep-06	75.71	69.17	78.63	2006	9	29
30-Sep-06	77.54	64.79	77.29	2006	9	30
1-Oct-06	78.17	71.08	78.46	2006	10	1
2-Oct-06	78.58	76.96	81.29	2006	10	2
3-Oct-06	77.75	76.75	80.21	2006	10	3
4-Oct-06	77.33	75.21	79.83	2006	10	4
5-Oct-06	76	73.08	79.25	2006	10	5
6-Oct-06	75.83	75.17	78.71	2006	10	6
7-Oct-06	76.67	72.33	78.88	2006	10	7
8-Oct-06	73.75	66.63	75.83	2006	10	8
9-Oct-06	70.88	64.08	72.17	2006	10	9
10-Oct-06	72.46	68	72.46	2006	10	10
11-Oct-06	72.54	71.08	75.71	2006	10	11
12-Oct-06	74.92	72.96	78.33	2006	10	12
13-Oct-06	76.88	64.17	76.63	2006	10	13
14-Oct-06	71.79	61.5	73.88	2006	10	14
15-Oct-06	69.79	62.08	73.04	2006	10	15
16-Oct-06	72.33	68.83	76.75	2006	10	16
17-Oct-06	74.67	74	77.71	2006	10	17
18-Oct-06	79.08	79.29	79.63	2006	10	18
19-Oct-06	81.83	77.88	80.75	2006	10	19
20-Oct-06	80.58	74.75	81.13	2006	10	20
21-Oct-06	80.17	69.71	81.46	2006	10	21
22-Oct-06	80.83	73.13	81.67	2006	10	22
23-Oct-06	73.04	57.71	74.13	2006	10	23
24-Oct-06	57.88	52.21	59.63	2006	10	24
25-Oct-06	61.63	55.25	64.17	2006	10	25
26-Oct-06	67.92	61.88	70.46	2006	10	26
27-Oct-06	74.13	68.88	76.08	2006	10	27
28-Oct-06	70.79	60.25	71.08	2006	10	28
29-Oct-06	65.88	55.88	65.54	2006	10	29
30-Oct-06	69.96	57.71	70.75	2006	10	30
31-Oct-06	73.42	62.29	74.42	2006	10	31
1-Nov-06	72.42	66.5	77.33	2006	11	1
2-Nov-06	71.88	61.92	73.83	2006	11	2
3-Nov-06	68.21	54.58	69.33	2006	11	3
4-Nov-06	68.88	56.5	69.63	2006	11	4

5-Nov-06	70.33	61.5	72.38	2006	11	5
6-Nov-06	70.33	64.13	73.5	2006	11	6
7-Nov-06	70	66.08	71.46	2006	11	7
8-Nov-06	67.21	58.75	68.96	2006	11	8
9-Nov-06	64	59.75	67.92	2006	11	9
10-Nov-06	66.29	62.29	68.25	2006	11	10
11-Nov-06	68.5	63.71	69.08	2006	11	11
12-Nov-06	65.38	54.08	70	2006	11	12
13-Nov-06	61.92	52.21	62.29	2006	11	13
14-Nov-06	63.88	55.21	65.42	2006	11	14
15-Nov-06	71.04	65.63	70.83	2006	11	15
16-Nov-06	70.46	58.04	70.25	2006	11	16
17-Nov-06	58.21	47.46	60.04	2006	11	17
18-Nov-06	56.13	47.33	57.04	2006	11	18
19-Nov-06	57.63	47.04	58.79	2006	11	19
20-Nov-06	52.5	45.38	53.71	2006	11	20
21-Nov-06	49.79	46.33	51.71	2006	11	21
22-Nov-06	51.08	48.29	55.63	2006	11	22
23-Nov-06	55.5	51.46	59.29	2006	11	23
24-Nov-06	61.13	51.67	61.92	2006	11	24
25-Nov-06	66.29	54.92	66.54	2006	11	25
26-Nov-06	67.83	55.42	69.13	2006	11	26
27-Nov-06	68.83	67.38	70.92	2006	11	27
28-Nov-06	72	68.83	73.08	2006	11	28
29-Nov-06	71.29	69.04	73.79	2006	11	29
30-Nov-06	74.29	70.83	77.04	2006	11	30
1-Dec-06	74	69	75.33	2006	12	1
2-Dec-06	74.25	54.13	75.29	2006	12	2
3-Dec-06	72.5	58.58	74.08	2006	12	3
4-Dec-06	64.25	49.63	66.21	2006	12	4
5-Dec-06	60.33	41.63	60.83	2006	12	5
6-Dec-06	63.46	48.08	64.75	2006	12	6
7-Dec-06	64.29	56	65.54	2006	12	7
8-Dec-06	53	37.46	53.71	2006	12	8
9-Dec-06	56.17	38.67	57.13	2006	12	9
10-Dec-06	61.75	54.38	63.88	2006	12	10
11-Dec-06	65.71	60.54	68.71	2006	12	11
12-Dec-06	65.67	61.67	69.58	2006	12	12
13-Dec-06	68.38	65.08	70.79	2006	12	13
14-Dec-06	68.5	61.42	71.38	2006	12	14
15-Dec-06	68.04	60.67	67.33	2006	12	15
16-Dec-06	67.71	54.83	68.88	2006	12	16
17-Dec-06	69.71	57.04	73.33	2006	12	17
18-Dec-06	69.67	61.04	73.54	2006	12	18
19-Dec-06	67.79	60	71.13	2006	12	19
20-Dec-06	67.83	60.58	70.71	2006	12	20
21-Dec-06	70.46	66.33	74.38	2006	12	21

22-Dec-06	72.63	66.58	74.58	2006	12	22
23-Dec-06	72.54	65.67	71.63	2006	12	23
24-Dec-06	72.46	58.29	74.54	2006	12	24
25-Dec-06	71.71	67.42	72.96	2006	12	25
26-Dec-06	60.04	48.17	62.58	2006	12	26
27-Dec-06	50.42	44.54	52.79	2006	12	27
28-Dec-06	61.17	48.46	62.54	2006	12	28
29-Dec-06	67.75	63.21	69.54	2006	12	29
30-Dec-06	70.25	65.58	74.04	2006	12	30
31-Dec-06	72.25	68.42	75.83	2006	12	31
1-Jan-07	70.33	59.5	71.04	2007	1	1
2-Jan-07	63.17	47.38	64.04	2007	1	2
3-Jan-07	70.79	56.71	70.58	2007	1	3
4-Jan-07	72.13	62.96	74.63	2007	1	4
5-Jan-07	72.46	65.75	74.38	2007	1	5
6-Jan-07	73.5	63.38	75.96	2007	1	6
7-Jan-07	73.08	68.88	75.5	2007	1	7
8-Jan-07	71.79	58.83	70.17	2007	1	8
9-Jan-07	56.42	50.29	56.88	2007	1	9
10-Jan-07	53.92	45.46	54.58	2007	1	10
11-Jan-07	61.13	51.96	61.5	2007	1	11
12-Jan-07	65.75	60.67	67.21	2007	1	12
13-Jan-07	67.96	61.08	69.08	2007	1	13
14-Jan-07	68.54	63.83	71.25	2007	1	14
15-Jan-07	68.25	66.63	68.83	2007	1	15
16-Jan-07	71.13	59.08	69	2007	1	16
17-Jan-07	64.83	49.21	65.17	2007	1	17
18-Jan-07	65.29	47.5	63	2007	1	18
19-Jan-07	63.38	53.21	63.5	2007	1	19
20-Jan-07	59.46	52.54	62.67	2007	1	20
21-Jan-07	65.54	57.25	67.67	2007	1	21
22-Jan-07	71.08	62.21	70.75	2007	1	22
23-Jan-07	64.46	50.67	66.08	2007	1	23
24-Jan-07	57.88	48.42	58.67	2007	1	24
25-Jan-07	50.83	48.88	52.17	2007	1	25
26-Jan-07	53.46	43.04	51.5	2007	1	26
27-Jan-07	60.38	43.63	60.46	2007	1	27
28-Jan-07	61.54	49.13	61.29	2007	1	28
29-Jan-07	46.79	36.88	48.13	2007	1	29
30-Jan-07	48.38	41.38	49.13	2007	1	30
31-Jan-07	55.75	50.17	58.25	2007	1	31
1-Feb-07	66.75	58.83	67	2007	2	1
2-Feb-07	71.38	57.21	67.58	2007	2	2
3-Feb-07	57.46	42.08	58.71	2007	2	3
4-Feb-07	54.75	46.08	56.21	2007	2	4
5-Feb-07	52.96	45.63	54.38	2007	2	5
6-Feb-07	53.17	43.92	54.75	2007	2	6

7-Feb-07	58.21	50.08	57	2007	2	7
8-Feb-07	57.67	55	57.88	2007	2	8
9-Feb-07	60.96	55.58	59.08	2007	2	9
10-Feb-07	60.79	49.83	60.08	2007	2	10
11-Feb-07	58.13	45.71	59	2007	2	11
12-Feb-07	62.79	54.13	64.63	2007	2	12
13-Feb-07	66.75	57.25	65.58	2007	2	13
14-Feb-07	66.96	50.33	64.29	2007	2	14
15-Feb-07	52.42	38.96	52.75	2007	2	15
16-Feb-07	49.13	37.71	48.71	2007	2	16
17-Feb-07	46.92	39.58	48.38	2007	2	17
18-Feb-07	49.42	43.92	51.08	2007	2	18
19-Feb-07	50.08	41.33	49.75	2007	2	19
20-Feb-07	57.46	52.54	56.46	2007	2	20
21-Feb-07	64.08	60.79	63.08	2007	2	21
22-Feb-07	67.25	58.54	64.67	2007	2	22
23-Feb-07	63.13	58.42	65.54	2007	2	23
24-Feb-07	62.71	57.04	65.88	2007	2	24
25-Feb-07	70.13	61.96	68.33	2007	2	25
26-Feb-07	70.25	59.5	70.71	2007	2	26
27-Feb-07	73.33	64.63	70.88	2007	2	27
28-Feb-07	69.04	63.29	70.13	2007	2	28
1-Mar-07	72.71	68.25	74	2007	3	1
2-Mar-07	76.33	60.33	73.29	2007	3	2
3-Mar-07	61.13	55.83	61.08	2007	3	3
4-Mar-07	62.46	50.63	60.38	2007	3	4
5-Mar-07	55.63	47.21	54.5	2007	3	5
6-Mar-07	57.71	50.92	59.08	2007	3	6
7-Mar-07	64.29	54.96	62.96	2007	3	7
8-Mar-07	65.88	56.33	64.63	2007	3	8
9-Mar-07	67.88	59.75	68.42	2007	3	9
10-Mar-07	69	65.67	68.96	2007	3	10
11-Mar-07	68.13	63.54	71.33	2007	3	11
12-Mar-07	68.83	63.75	70.5	2007	3	12
13-Mar-07	68.67	63.83	72.25	2007	3	13
14-Mar-07	69.5	65.75	71.83	2007	3	14
15-Mar-07	72.04	64.21	72.33	2007	3	15
16-Mar-07	70.88	64.04	69.75	2007	3	16
17-Mar-07	59.54	52.42	58.5	2007	3	17
18-Mar-07	56.96	51.5	59.42	2007	3	18
19-Mar-07	61.54	54.83	63.38	2007	3	19
20-Mar-07	64.75	60.29	67.5	2007	3	20
21-Mar-07	66.58	64.5	69.58	2007	3	21
22-Mar-07	69.83	68.5	70.92	2007	3	22
23-Mar-07	70.83	68.5	74.29	2007	3	23
24-Mar-07	71.08	70.29	73.79	2007	3	24
25-Mar-07	70.04	69.21	73.25	2007	3	25

26-Mar-07	72.25	71.5	73.71	2007	3	26
27-Mar-07	71.96	71.25	74.5	2007	3	27
28-Mar-07	70.67	69.96	72.17	2007	3	28
29-Mar-07	71.08	71.29	74.25	2007	3	29
30-Mar-07	69.17	70.08	73.33	2007	3	30
31-Mar-07	69.83	68.38	74.21	2007	3	31
1-Apr-07	70.63	69.17	72.25	2007	4	1
2-Apr-07	73	69.25	73.75	2007	4	2
3-Apr-07	73.92	71.75	74.17	2007	4	3
4-Apr-07	75.08	74.25	74.5	2007	4	4
5-Apr-07	72.25	63.42	71.21	2007	4	5
6-Apr-07	65.46	55.67	63.21	2007	4	6
7-Apr-07	59.71	50.79	58.67	2007	4	7
8-Apr-07	58.46	46.21	57.5	2007	4	8
9-Apr-07	58.58	52.88	58.25	2007	4	9
10-Apr-07	64.71	56.33	63.58	2007	4	10
11-Apr-07	74.63	65.38	71.67	2007	4	11
12-Apr-07	75.75	71.46	73.83	2007	4	12
13-Apr-07	72.79	66.29	75.17	2007	4	13
14-Apr-07	76.58	69.25	76.71	2007	4	14
15-Apr-07	70.5	60.13	69.71	2007	4	15
16-Apr-07	59.54	56.54	60.75	2007	4	16
17-Apr-07	69.13	64.88	68.46	2007	4	17
18-Apr-07	69.29	62.58	69.21	2007	4	18
19-Apr-07	68.71	65.79	70.04	2007	4	19
20-Apr-07	69.25	63.5	70.38	2007	4	20
21-Apr-07	68.29	65.63	70.63	2007	4	21
22-Apr-07	69	67.33	72.13	2007	4	22
23-Apr-07	68.67	67.88	72.04	2007	4	23
24-Apr-07	72.29	67.42	73.42	2007	4	24
25-Apr-07	74.25	68.67	74.92	2007	4	25
26-Apr-07	77.13	71.25	76.67	2007	4	26
27-Apr-07	78.08	74.75	76.88	2007	4	27
28-Apr-07	75.71	70.71	74.33	2007	4	28
29-Apr-07	76	72.5	75.13	2007	4	29
30-Apr-07	73.75	71.88	76.79	2007	4	30
1-May-07	74.13	73.29	77.88	2007	5	1
2-May-07	75.21	73.33	76.75	2007	5	2
3-May-07	77.67	74	78.33	2007	5	3
4-May-07	78.08	73.54	79.54	2007	5	4
5-May-07	78.25	75.71	80.38	2007	5	5
6-May-07	74.88	77	78.04	2007	5	6
7-May-07	68.29	68.08	70.38	2007	5	7
8-May-07	70.38	68.42	68.58	2007	5	8
9-May-07	75.63	74.58	74.29	2007	5	9
10-May-07	74.13	76.96	76.08	2007	5	10
11-May-07	77.25	77.5	78.33	2007	5	11

12-May-07	78.54	74.63	76.83	2007	5	12
13-May-07	76.88	77.42	78.08	2007	5	13
14-May-07	73.25	76.42	77.63	2007	5	14
15-May-07	74.83	75.08	78	2007	5	15
16-May-07	75.25	74.08	77.71	2007	5	16
17-May-07	75.58	76	78.5	2007	5	17
18-May-07	75.58	73	78.58	2007	5	18
19-May-07	75.08	71.33	76.75	2007	5	19
20-May-07	72.96	71.17	76.08	2007	5	20
21-May-07	73.5	72.96	77.5	2007	5	21
22-May-07	74.58	76.46	77.67	2007	5	22
23-May-07	76.13	76.5	78.21	2007	5	23
24-May-07	75.71	76.75	78.17	2007	5	24
25-May-07	73.96	76.67	77.13	2007	5	25
26-May-07	73.54	75.42	77	2007	5	26
27-May-07	73.96	76.08	77.5	2007	5	27
28-May-07	76.21	78.33	78.75	2007	5	28
29-May-07	76.58	78.96	79.29	2007	5	29
30-May-07	76.71	77.29	78.71	2007	5	30
31-May-07	76.38	77.13	78.42	2007	5	31
1-Jun-07	73.17	74.25	73.25	2007	6	1
2-Jun-07	76.5	68.58	73.58	2007	6	2
3-Jun-07	78.79	74.71	77.54	2007	6	3
4-Jun-07	80.54	80.58	79.17	2007	6	4
5-Jun-07	81.42	75.79	80.38	2007	6	5
6-Jun-07	76.29	79.54	80.29	2007	6	6
7-Jun-07	78.96	79.88	80.13	2007	6	7
8-Jun-07	78.17	79.42	77.92	2007	6	8
9-Jun-07	80.96	82.88	80.5	2007	6	9
10-Jun-07	80.71	85.54	81.96	2007	6	10
11-Jun-07	78.92	83.17	83.67	2007	6	11
12-Jun-07	77.13	78.79	83.67	2007	6	12
13-Jun-07	74.63	78.38	76.92	2007	6	13
14-Jun-07	75.04	76.92	77.92	2007	6	14
15-Jun-07	78	79.5	81	2007	6	15
16-Jun-07	79.42	80.75	82.96	2007	6	16
17-Jun-07	79.54	80.58	82.67	2007	6	17
18-Jun-07	79.71	80.21	81.21	2007	6	18
19-Jun-07	79.88	79.08	81.92	2007	6	19
20-Jun-07	81.21	79.46	81.08	2007	6	20
21-Jun-07	82.25	82.21	82.21	2007	6	21
22-Jun-07	80.75	83	80.29	2007	6	22
23-Jun-07	82.5	81.83	81.58	2007	6	23
24-Jun-07	81.5	81.25	82.88	2007	6	24
25-Jun-07	78.46	80	83.54	2007	6	25
26-Jun-07	80.21	81.58	83.42	2007	6	26
27-Jun-07	81.71	80.63	81.46	2007	6	27

28-Jun-07	79.25	79.25	81.46	2007	6	28
29-Jun-07	78.67	81.54	81.71	2007	6	29
30-Jun-07	81.58	78.13	81.71	2007	6	30
1-Jul-07	80.13	77.88	82.25	2007	7	1
2-Jul-07	78.38	78.04	80.67	2007	7	2
3-Jul-07	78.04	76.88	81.21	2007	7	3
4-Jul-07	77.92	79.21	78.79	2007	7	4
5-Jul-07	77.29	82.25	80.71	2007	7	5
6-Jul-07	79.67	83.63	82.5	2007	7	6
7-Jul-07	81.92	83.08	84.46	2007	7	7
8-Jul-07	83.08	83.79	84.83	2007	7	8
9-Jul-07	84.21	81.42	85.63	2007	7	9
10-Jul-07	84.21	81.5	85.75	2007	7	10
11-Jul-07	84.54	84.79	86.08	2007	7	11
12-Jul-07	82.54	87.25	85.67	2007	7	12
13-Jul-07	82	82.88	86.29	2007	7	13
14-Jul-07	80.33	81.08	85.04	2007	7	14
15-Jul-07	79.58	81.79	84.5	2007	7	15
16-Jul-07	81	81.29	81.96	2007	7	16
17-Jul-07	84.04	80.96	82.21	2007	7	17
18-Jul-07	83.21	84.17	84.13	2007	7	18
19-Jul-07	80.71	85.42	84.38	2007	7	19
20-Jul-07	82.13	87.83	83.88	2007	7	20
21-Jul-07	79.58	81.33	82.04	2007	7	21
22-Jul-07	78.71	78.21	79.67	2007	7	22
23-Jul-07	75.88	79.79	77.83	2007	7	23
24-Jul-07	77.75	78.33	78.83	2007	7	24
25-Jul-07	79.67	79.21	82.54	2007	7	25
26-Jul-07	80.17	79.83	84.88	2007	7	26
27-Jul-07	80.5	82.33	84.54	2007	7	27
28-Jul-07	76.92	84.88	82.5	2007	7	28
29-Jul-07	78.83	83.38	83.25	2007	7	29
30-Jul-07	80.08	80.58	83.96	2007	7	30
31-Jul-07	79.13	80	79.5	2007	7	31
1-Aug-07	77.96	80.79	79.25	2007	8	1
2-Aug-07	76.58	79.42	78.13	2007	8	2
3-Aug-07	82.13	78.25	83.54	2007	8	3
4-Aug-07	84.25	82.21	84.63	2007	8	4
5-Aug-07	85.25	84.25	85.08	2007	8	5
6-Aug-07	85.63	85.58	85.42	2007	8	6
7-Aug-07	83.54	85.13	84.79	2007	8	7
8-Aug-07	84.83	86.04	85.13	2007	8	8
9-Aug-07	84.67	84.46	86.38	2007	8	9
10-Aug-07	85.58	85.88	85.79	2007	8	10
11-Aug-07	85.67	83.04	85.79	2007	8	11
12-Aug-07	83.54	80.29	82.63	2007	8	12
13-Aug-07	83.08	83.21	82.25	2007	8	13

14-Aug-07	84.63	86.21	84.04	2007	8	14
15-Aug-07	82.88	86.42	81.83	2007	8	15
16-Aug-07	82.46	84.88	83.54	2007	8	16
17-Aug-07	81.79	83.5	83.46	2007	8	17
18-Aug-07	82.38	81.25	83.17	2007	8	18
19-Aug-07	84.63	83	85.88	2007	8	19
20-Aug-07	84.88	85.08	87.42	2007	8	20
21-Aug-07	84.33	85.88	86.75	2007	8	21
22-Aug-07	83.88	86.46	86.17	2007	8	22
23-Aug-07	82.5	84.38	84.71	2007	8	23
24-Aug-07	81.71	81.96	82.17	2007	8	24
25-Aug-07	80.17	80.58	81.29	2007	8	25
26-Aug-07	80.04	78.75	81.5	2007	8	26
27-Aug-07	81.79	78.96	82.71	2007	8	27
28-Aug-07	83.21	84.04	84.29	2007	8	28
29-Aug-07	83.92	83.54	85.88	2007	8	29
30-Aug-07	83.58	81	84.79	2007	8	30
31-Aug-07	80.75	79.33	83.17	2007	8	31
1-Sep-07	80.38	79.96	82.42	2007	9	1
2-Sep-07	80.25	80.58	83.96	2007	9	2
3-Sep-07	82.21	81.33	83.21	2007	9	3
4-Sep-07	83.17	82.08	84.04	2007	9	4
5-Sep-07	79.04	81.21	83.83	2007	9	5
6-Sep-07	81.83	83.63	84.17	2007	9	6
7-Sep-07	80.75	82.13	82.96	2007	9	7
8-Sep-07	80.58	81.54	81.04	2007	9	8
9-Sep-07	79.25	81.96	81	2007	9	9
10-Sep-07	79.08	80.67	81.04	2007	9	10
11-Sep-07	80.75	78.04	83	2007	9	11
12-Sep-07	79.96	78.54	82.21	2007	9	12
13-Sep-07	79.54	79.5	81.54	2007	9	13
14-Sep-07	81.33	78.5	81.67	2007	9	14
15-Sep-07	82	80.75	83.17	2007	9	15
16-Sep-07	81.38	80.42	82.79	2007	9	16
17-Sep-07	80.63	79.88	80.67	2007	9	17
18-Sep-07	76.79	77.71	79.79	2007	9	18
19-Sep-07	74.79	75.79	76.29	2007	9	19
20-Sep-07	79.21	75.13	76.54	2007	9	20
21-Sep-07	80.38	76.42	81.96	2007	9	21
22-Sep-07	78.13	78.13	77.75	2007	9	22
23-Sep-07	76.79	79.29	78.08	2007	9	23
24-Sep-07	79.5	80.71	80.71	2007	9	24
25-Sep-07	79.92	80.33	81.58	2007	9	25
26-Sep-07	77.25	80.58	80.46	2007	9	26
27-Sep-07	79.58	79.33	80.33	2007	9	27
28-Sep-07	80.17	79.96	82.71	2007	9	28
29-Sep-07	78.08	79.5	81.21	2007	9	29

30-Sep-07	77.79	76.25	79.25	2007	9	30
1-Oct-07	76.71	78.08	77.46	2007	10	1
2-Oct-07	78.71	76.46	78.08	2007	10	2
3-Oct-07	81	79.21	81	2007	10	3
4-Oct-07	80.58	78.58	82.67	2007	10	4
5-Oct-07	79.5	78.75	79.54	2007	10	5
6-Oct-07	80.67	79.08	82.08	2007	10	6
7-Oct-07	78.33	78.71	81.63	2007	10	7
8-Oct-07	79.83	79.46	81.92	2007	10	8
9-Oct-07	78.79	78	81.17	2007	10	9
10-Oct-07	78.54	78.79	79.83	2007	10	10
11-Oct-07	78.46	72.29	79.83	2007	10	11
12-Oct-07	75.75	63.33	76.67	2007	10	12
13-Oct-07	75.67	67.5	77.83	2007	10	13
14-Oct-07	74.29	74.5	76.96	2007	10	14
15-Oct-07	76.42	73.71	78.54	2007	10	15
16-Oct-07	76.96	74.83	79.17	2007	10	16
17-Oct-07	78.54	76.92	79.79	2007	10	17
18-Oct-07	77.25	74.08	81.75	2007	10	18
19-Oct-07	78.38	69.58	81.13	2007	10	19
20-Oct-07	74.92	68.13	77.5	2007	10	20
21-Oct-07	77.25	69.04	78.63	2007	10	21
22-Oct-07	79.83	75.29	82.21	2007	10	22
23-Oct-07	79.71	77.42	81.63	2007	10	23
24-Oct-07	75.63	62.54	73.63	2007	10	24
25-Oct-07	68.38	62.83	72.13	2007	10	25
26-Oct-07	71.33	68.17	72.75	2007	10	26
27-Oct-07	74.08	65.92	74.71	2007	10	27
28-Oct-07	76.08	65.25	76.29	2007	10	28
29-Oct-07	73.88	63.88	74.25	2007	10	29
30-Oct-07	75.08	66.54	75.21	2007	10	30
31-Oct-07	76.46	69.88	77.75	2007	10	31
1-Nov-07	75.75	71.92	77	2007	11	1
2-Nov-07	72.21	65.88	73	2007	11	2
3-Nov-07	66.54	59.67	67.33	2007	11	3
4-Nov-07	65.42	56.67	66.75	2007	11	4
5-Nov-07	65.25	57.08	65.67	2007	11	5
6-Nov-07	66	59.21	67.08	2007	11	6
7-Nov-07	61.75	49.21	63.38	2007	11	7
8-Nov-07	61	44.46	59.21	2007	11	8
9-Nov-07	61.54	49.08	61.08	2007	11	9
10-Nov-07	61.92	55.46	63.21	2007	11	10
11-Nov-07	64.75	54.83	66.58	2007	11	11
12-Nov-07	66.75	60.25	68.67	2007	11	12
13-Nov-07	68.17	59.67	69.5	2007	11	13
14-Nov-07	68.58	62.5	69.13	2007	11	14
15-Nov-07	67.42	60.42	66.92	2007	11	15

16-Nov-07	53.42	45.46	53.46	2007	11	16
17-Nov-07	59.33	45.42	58.96	2007	11	17
18-Nov-07	64.75	52.17	66.79	2007	11	18
19-Nov-07	67.79	61.63	70.79	2007	11	19
20-Nov-07	68.33	59.38	71.21	2007	11	20
21-Nov-07	67.79	63.04	71.54	2007	11	21
22-Nov-07	68.33	66	71.46	2007	11	22
23-Nov-07	66.5	51.58	66.38	2007	11	23
24-Nov-07	66.88	55.79	68.04	2007	11	24
25-Nov-07	72.21	60.75	74.33	2007	11	25
26-Nov-07	74.04	68.33	74.58	2007	11	26
27-Nov-07	72.79	57.33	71.79	2007	11	27
28-Nov-07	70.58	57.67	73.42	2007	11	28
29-Nov-07	72.67	63.38	72.25	2007	11	29
30-Nov-07	68.96	60.04	69.38	2007	11	30
1-Dec-07	68.42	57.75	70.5	2007	12	1
2-Dec-07	70.38	62.63	71.04	2007	12	2
3-Dec-07	71.38	66.21	71.38	2007	12	3
4-Dec-07	60.21	48.13	58.25	2007	12	4
5-Dec-07	59.21	49.92	61.21	2007	12	5
6-Dec-07	61.54	51.08	66.08	2007	12	6
7-Dec-07	65	55.21	68.67	2007	12	7
8-Dec-07	69.17	62.75	74.42	2007	12	8
9-Dec-07	69.79	65.71	73.5	2007	12	9
10-Dec-07	69.88	63.04	73.54	2007	12	10
11-Dec-07	70.54	63.63	74.29	2007	12	11
12-Dec-07	70.13	64.88	73.08	2007	12	12
13-Dec-07	70.71	67.42	71.83	2007	12	13
14-Dec-07	72.38	64.21	72.42	2007	12	14
15-Dec-07	74	66.83	75.88	2007	12	15
16-Dec-07	67.54	54.29	66.38	2007	12	16
17-Dec-07	46.67	40.96	47.25	2007	12	17
18-Dec-07	56.21	42.63	56.92	2007	12	18
19-Dec-07	62.54	48.75	62.17	2007	12	19
20-Dec-07	65.42	56.25	65.54	2007	12	20
21-Dec-07	66.38	60.75	65.79	2007	12	21
22-Dec-07	61.29	54	60.79	2007	12	22
23-Dec-07	67.46	57.92	66.08	2007	12	23
24-Dec-07	65.33	46.38	66.92	2007	12	24
25-Dec-07	64.88	48.67	65.63	2007	12	25
26-Dec-07	62.67	44.42	63.96	2007	12	26
27-Dec-07	66.08	55.79	67.75	2007	12	27
28-Dec-07	71.17	68.08	72.63	2007	12	28
29-Dec-07	72.54	71.21	72.58	2007	12	29
30-Dec-07	73.88	70.33	72.63	2007	12	30
31-Dec-07	70.33	58.17	74.04	2007	12	31
1-Jan-08	65.04	49.33	66.42	2008	1	1

2-Jan-08	42.96	36.54	44.46	2008	1	2
3-Jan-08	41.63	33	40.83	2008	1	3
4-Jan-08	51.63	41.54	52.13	2008	1	4
5-Jan-08	58.96	46.75	60.67	2008	1	5
6-Jan-08	64.17	54.63	63.29	2008	1	6
7-Jan-08	65.5	57.46	68.88	2008	1	7
8-Jan-08	67.21	60.17	69.71	2008	1	8
9-Jan-08	64.63	63.58	67.63	2008	1	9
10-Jan-08	67	66.63	68.83	2008	1	10
11-Jan-08	68.79	66	69.33	2008	1	11
12-Jan-08	69.42	58.46	69.92	2008	1	12
13-Jan-08	67.46	58.75	68.33	2008	1	13
14-Jan-08	57.42	47.17	57	2008	1	14
15-Jan-08	50.92	45.75	53.29	2008	1	15
16-Jan-08	60.63	47.92	61.88	2008	1	16
17-Jan-08	69.5	57.33	67.46	2008	1	17
18-Jan-08	62.67	49.92	62.88	2008	1	18
19-Jan-08	66.29	46.83	66.5	2008	1	19
20-Jan-08	50.42	37.67	51.21	2008	1	20
21-Jan-08	56.71	43.54	57.04	2008	1	21
22-Jan-08	66.63	54.38	67.88	2008	1	22
23-Jan-08	67.38	58.42	68.75	2008	1	23
24-Jan-08	64.83	50.92	64.25	2008	1	24
25-Jan-08	55.63	42	56.79	2008	1	25
26-Jan-08	57.25	47.75	58.79	2008	1	26
27-Jan-08	57.83	50.21	60.29	2008	1	27
28-Jan-08	54.33	44.58	53.63	2008	1	28
29-Jan-08	59.42	48.83	60.04	2008	1	29
30-Jan-08	67.33	54.13	67.38	2008	1	30
31-Jan-08	68.42	57.71	69.67	2008	1	31
1-Feb-08	67.21	59.21	64.96	2008	2	1
2-Feb-08	65.29	47	60.92	2008	2	2
3-Feb-08	68.5	50.42	66.33	2008	2	3
4-Feb-08	70.29	58.96	70.54	2008	2	4
5-Feb-08	71.08	65.04	71.96	2008	2	5
6-Feb-08	72.33	68.83	71.92	2008	2	6
7-Feb-08	73.58	56.58	72.79	2008	2	7
8-Feb-08	67.21	53.17	68.33	2008	2	8
9-Feb-08	66.08	56.46	64.63	2008	2	9
10-Feb-08	61.92	54.67	63.29	2008	2	10
11-Feb-08	60.21	51.29	63.33	2008	2	11
12-Feb-08	65.38	59.33	65.92	2008	2	12
13-Feb-08	66.42	53.25	65.5	2008	2	13
14-Feb-08	52.13	42.58	53.63	2008	2	14
15-Feb-08	60.58	49.17	60.75	2008	2	15
16-Feb-08	65.67	57.29	67.42	2008	2	16
17-Feb-08	70.38	64.13	70.96	2008	2	17

18-Feb-08	72	65.5	69.58	2008	2	18
19-Feb-08	61.29	51.21	61.17	2008	2	19
20-Feb-08	60.08	50.88	61.92	2008	2	20
21-Feb-08	67.67	55.38	70.83	2008	2	21
22-Feb-08	74.33	67.46	72.88	2008	2	22
23-Feb-08	71	64.17	71.13	2008	2	23
24-Feb-08	68	58.46	69.04	2008	2	24
25-Feb-08	69.08	59.13	69.67	2008	2	25
26-Feb-08	70.54	66.42	72.54	2008	2	26
27-Feb-08	54.33	45.5	54.42	2008	2	27
28-Feb-08	48.29	40.46	49.38	2008	2	28
29-Feb-08	56.25	47.17	58.13	2008	2	29
1-Mar-08	63.58	56.29	64.04	2008	3	1
2-Mar-08	63.92	59.04	67.42	2008	3	2
3-Mar-08	68.92	64.96	71.58	2008	3	3
4-Mar-08	72.46	65.88	71.38	2008	3	4
5-Mar-08	68.21	53.63	64.21	2008	3	5
6-Mar-08	63.63	55.38	62.38	2008	3	6
7-Mar-08	72.25	61.58	71.92	2008	3	7
8-Mar-08	60.83	48.5	60.33	2008	3	8
9-Mar-08	54.54	46.25	56.71	2008	3	9
10-Mar-08	61.79	55.5	64.33	2008	3	10
11-Mar-08	68.04	55.46	69.08	2008	3	11
12-Mar-08	68.21	56.96	66.04	2008	3	12
13-Mar-08	65.25	56.29	63.25	2008	3	13
14-Mar-08	62.46	59.13	61.17	2008	3	14
15-Mar-08	72.83	71.21	70.33	2008	3	15
16-Mar-08	75	71.04	74.83	2008	3	16
17-Mar-08	68.38	67.25	72	2008	3	17
18-Mar-08	69.46	66.79	72.96	2008	3	18
19-Mar-08	74.08	69.92	73.96	2008	3	19
20-Mar-08	68.79	59.46	70.08	2008	3	20
21-Mar-08	64.5	58.04	67.88	2008	3	21
22-Mar-08	65.54	59.96	67.38	2008	3	22
23-Mar-08	69.58	62.29	70.17	2008	3	23
24-Mar-08	61.75	54.63	62.38	2008	3	24
25-Mar-08	55.83	47.04	57.83	2008	3	25
26-Mar-08	61.21	52.83	62.63	2008	3	26
27-Mar-08	65.79	57.71	65.96	2008	3	27
28-Mar-08	68.38	62.29	69.96	2008	3	28
29-Mar-08	70.83	66.29	72.04	2008	3	29
30-Mar-08	69.92	66.96	73.25	2008	3	30
31-Mar-08	70.96	62.54	73.54	2008	3	31
1-Apr-08	71.71	70.08	74.54	2008	4	1
2-Apr-08	73.67	70.58	73.71	2008	4	2
3-Apr-08	75.08	71.54	75.25	2008	4	3
4-Apr-08	75.83	72.67	76.63	2008	4	4

5-Apr-08	72.92	69.33	76.08	2008	4	5
6-Apr-08	68.08	66.54	69.13	2008	4	6
7-Apr-08	71.29	67.08	70.92	2008	4	7
8-Apr-08	71.67	68.17	73.5	2008	4	8
9-Apr-08	72.13	68.83	75.71	2008	4	9
10-Apr-08	72.5	71.29	75.88	2008	4	10
11-Apr-08	72.67	72.17	75.04	2008	4	11
12-Apr-08	76.88	68.58	76.04	2008	4	12
13-Apr-08	65.38	63.63	67.13	2008	4	13
14-Apr-08	60.83	53.42	63.33	2008	4	14
15-Apr-08	55	50.42	57.5	2008	4	15
16-Apr-08	60.67	53.92	61.13	2008	4	16
17-Apr-08	64.13	58.13	66.33	2008	4	17
18-Apr-08	67.33	61.67	70.17	2008	4	18
19-Apr-08	69.92	67.13	72	2008	4	19
20-Apr-08	72.63	66.54	72.54	2008	4	20
21-Apr-08	71.75	71.21	71.04	2008	4	21
22-Apr-08	71.38	68.71	72.38	2008	4	22
23-Apr-08	69.96	71	73.17	2008	4	23
24-Apr-08	72.63	74.08	75.13	2008	4	24
25-Apr-08	72.71	73.88	75.67	2008	4	25
26-Apr-08	72.08	69.71	75.29	2008	4	26
27-Apr-08	73.25	71.71	75.42	2008	4	27
28-Apr-08	75.04	71.96	76.17	2008	4	28
29-Apr-08	71.13	65.29	71.75	2008	4	29
30-Apr-08	68	63.21	71.71	2008	4	30
1-May-08	69	67.38	73.67	2008	5	1
2-May-08	70.96	69.83	75.38	2008	5	2
3-May-08	74.46	68.88	75.67	2008	5	3
4-May-08	76.5	71.46	76.88	2008	5	4
5-May-08	76.67	69.71	75.38	2008	5	5
6-May-08	76.83	70.96	76.75	2008	5	6
7-May-08	76.54	72.42	77.54	2008	5	7
8-May-08	79.29	74.17	78.83	2008	5	8
9-May-08	80.58	80.96	81	2008	5	9
10-May-08	81.79	81.54	81.21	2008	5	10
11-May-08	81.5	81.46	81.96	2008	5	11
12-May-08	77.67	70.92	76.54	2008	5	12
13-May-08	73.46	69.33	75.83	2008	5	13
14-May-08	72.08	72.25	76.63	2008	5	14
15-May-08	74.29	72.63	77.08	2008	5	15
16-May-08	78.88	74.21	79.58	2008	5	16
17-May-08	80.96	73.08	79.88	2008	5	17
18-May-08	80.04	71.96	80.04	2008	5	18
19-May-08	78	75	78.96	2008	5	19
20-May-08	79.92	75.96	79	2008	5	20
21-May-08	81.33	80.33	81.33	2008	5	21

22-May-08	78.25	78.08	79.63	2008	5	22
23-May-08	78	77.38	82	2008	5	23
24-May-08	77.92	81.88	82.33	2008	5	24
25-May-08	77.46	81.08	82.21	2008	5	25
26-May-08	75.21	78	78	2008	5	26
27-May-08	76.08	78.13	77.79	2008	5	27
28-May-08	77.21	79.67	79.71	2008	5	28
29-May-08	77.04	79.25	82.63	2008	5	29
30-May-08	78.17	79.5	83.17	2008	5	30
31-May-08	79.75	81.25	82.54	2008	5	31
1-Jun-08	80.71	83	83.5	2008	6	1
2-Jun-08	79.88	83.21	83.29	2008	6	2
3-Jun-08	79.75	79.33	83.42	2008	6	3
4-Jun-08	81.5	81.29	83.42	2008	6	4
5-Jun-08	81.79	81.88	85.58	2008	6	5
6-Jun-08	81.88	83.88	85.92	2008	6	6
7-Jun-08	81	84.38	85.13	2008	6	7
8-Jun-08	80.63	83.25	81.25	2008	6	8
9-Jun-08	79	81.33	80.29	2008	6	9
10-Jun-08	77.75	77.88	80.13	2008	6	10
11-Jun-08	78.46	79.25	81.79	2008	6	11
12-Jun-08	77.79	77.71	80.29	2008	6	12
13-Jun-08	77.21	77.33	79.71	2008	6	13
14-Jun-08	80.46	78.33	83.08	2008	6	14
15-Jun-08	78.71	75.71	81.75	2008	6	15
16-Jun-08	76.25	77.83	79.63	2008	6	16
17-Jun-08	80.88	80.54	83.13	2008	6	17
18-Jun-08	79.42	81.75	84.21	2008	6	18
19-Jun-08	78.46	79.83	81.42	2008	6	19
20-Jun-08	78.71	80.33	83.92	2008	6	20
21-Jun-08	76	80.42	77.33	2008	6	21
22-Jun-08	75	76.67	76.88	2008	6	22
23-Jun-08	79.92	76.83	83.79	2008	6	23
24-Jun-08	80.54	81.38	82.08	2008	6	24
25-Jun-08	77.63	80	79.04	2008	6	25
26-Jun-08	76.08	76.63	77.71	2008	6	26
27-Jun-08	79.58	76.46	81.96	2008	6	27
28-Jun-08	79	76.79	83.38	2008	6	28
29-Jun-08	79.46	75.5	82.88	2008	6	29
30-Jun-08	78.42	72.96	83.46	2008	6	30
1-Jul-08	76.46	78.08	80.58	2008	7	1
2-Jul-08	76.88	79.13	79.13	2008	7	2
3-Jul-08	76.88	77.21	78.67	2008	7	3
4-Jul-08	77.13	79	80.88	2008	7	4
5-Jul-08	80.46	79.63	83.5	2008	7	5
6-Jul-08	80.58	77.29	80.54	2008	7	6
7-Jul-08	78.17	77.04	79.58	2008	7	7

8-Jul-08	76.58	78.29	78.08	2008	7	8
9-Jul-08	80.67	78.92	81.17	2008	7	9
10-Jul-08	82.46	81.38	83.33	2008	7	10
11-Jul-08	80.04	78.79	83.83	2008	7	11
12-Jul-08	77.21	80.58	81.71	2008	7	12
13-Jul-08	77.25	79.63	80.79	2008	7	13
14-Jul-08	81.17	79.63	83.83	2008	7	14
15-Jul-08	77.04	81.21	80.75	2008	7	15
16-Jul-08	76.33	82.33	79.08	2008	7	16
17-Jul-08	77.58	83.58	80.79	2008	7	17
18-Jul-08	77.88	83.13	81.08	2008	7	18
19-Jul-08	80.83	84.79	83.04	2008	7	19
20-Jul-08	83.46	84.5	84.42	2008	7	20
21-Jul-08	81.21	84.29	84.71	2008	7	21
22-Jul-08	78.21	82.79	82	2008	7	22
23-Jul-08	76.83	77.29	79.96	2008	7	23
24-Jul-08	79.79	80.42	77.75	2008	7	24
25-Jul-08	81.21	81.88	81.17	2008	7	25
26-Jul-08	80.96	79.92	81.71	2008	7	26
27-Jul-08	79.38	80.63	81.75	2008	7	27
28-Jul-08	80.5	81.88	81.71	2008	7	28
29-Jul-08	79.83	81.04	81.46	2008	7	29
30-Jul-08	78.75	81.54	79.42	2008	7	30
31-Jul-08	77.88	80.5	78.33	2008	7	31
1-Aug-08	78.08	78.75	79.25	2008	8	1
2-Aug-08	80.71	79.58	81.17	2008	8	2
3-Aug-08	82.08	81.5	80.58	2008	8	3
4-Aug-08	82.54	81.46	80.42	2008	8	4
5-Aug-08	82.54	81.75	80.54	2008	8	5
6-Aug-08	84.13	83.96	82.67	2008	8	6
7-Aug-08	85.33	81	84.54	2008	8	7
8-Aug-08	79.88	80.17	83.63	2008	8	8
9-Aug-08	79.13	80.92	83.08	2008	8	9
10-Aug-08	81.79	79.17	83.46	2008	8	10
11-Aug-08	81.54	79.33	82.92	2008	8	11
12-Aug-08	78.67	74.88	80.79	2008	8	12
13-Aug-08	79.88	76.75	83.21	2008	8	13
14-Aug-08	76.79	78.58	79.04	2008	8	14
15-Aug-08	79.96	80.25	80.92	2008	8	15
16-Aug-08	78.96	76.54	80.79	2008	8	16
17-Aug-08	80.46	77.33	81.54	2008	8	17
18-Aug-08	78.33	77.38	81.21	2008	8	18
19-Aug-08	75.83	80.21	78.42	2008	8	19
20-Aug-08	76.54	79.38	80.33	2008	8	20
21-Aug-08	76.54	80.17	80.96	2008	8	21
22-Aug-08	78.08	76.13	80.96	2008	8	22
23-Aug-08	78.08	76.42	79.75	2008	8	23

24-Aug-08	79.83	80.08	81.42	2008	8	24
25-Aug-08	80.63	80.38	82.88	2008	8	25
26-Aug-08	81.96	81.04	83.42	2008	8	26
27-Aug-08	82.71	81.42	83.5	2008	8	27
28-Aug-08	81.04	81.92	83.21	2008	8	28
29-Aug-08	82.17	83.42	81.75	2008	8	29
30-Aug-08	79.38	81.83	79.17	2008	8	30
31-Aug-08	80.88	83.58	81.21	2008	8	31
1-Sep-08	82.58	85.29	84.83	2008	9	1
2-Sep-08	82.04	80	83.5	2008	9	2
3-Sep-08	81.42	79.71	83.46	2008	9	3
4-Sep-08	80.71	79.88	82.33	2008	9	4
5-Sep-08	79.29	79.79	80.38	2008	9	5
6-Sep-08	81.46	78.5	82.5	2008	9	6
7-Sep-08	80.75	80.21	83.79	2008	9	7
8-Sep-08	82	82.25	83.88	2008	9	8
9-Sep-08	82.29	83.33	82.79	2008	9	9
10-Sep-08	79.88	81.08	82.83	2008	9	10
11-Sep-08	80.38	82.5	84.71	2008	9	11
12-Sep-08	81.88	82.17	83.71	2008	9	12
13-Sep-08	81.54	81.04	82.96	2008	9	13
14-Sep-08	80.5	81.5	82.38	2008	9	14
15-Sep-08	80.58	80.21	82.5	2008	9	15
16-Sep-08	80.92	78.92	82.46	2008	9	16
17-Sep-08	79.13	77.38	81.92	2008	9	17
18-Sep-08	79.88	78.25	81.67	2008	9	18
19-Sep-08	78.92	77.5	80.71	2008	9	19
20-Sep-08	78.96	75.54	79.21	2008	9	20
21-Sep-08	78.79	74.71	79.33	2008	9	21
22-Sep-08	78.71	76.54	78.96	2008	9	22
23-Sep-08	78.38	77.33	79.25	2008	9	23
24-Sep-08	77.08	72.63	77.75	2008	9	24
25-Sep-08	73.75	69.04	72.33	2008	9	25
26-Sep-08	75.33	71.13	74.79	2008	9	26
27-Sep-08	76.75	69.79	76	2008	9	27
28-Sep-08	77.71	70.58	76.67	2008	9	28
29-Sep-08	78.58	75.25	79.42	2008	9	29
30-Sep-08	74.67	77.04	76.71	2008	9	30
1-Oct-08	77.38	73.58	79.38	2008	10	1
2-Oct-08	74.67	65.67	75	2008	10	2
3-Oct-08	74.46	66.38	76	2008	10	3
4-Oct-08	76.04	69.67	77.96	2008	10	4
5-Oct-08	76.83	72.08	77.04	2008	10	5
6-Oct-08	77.71	77.92	76.46	2008	10	6
7-Oct-08	76.33	75.71	76.92	2008	10	7
8-Oct-08	77.42	72.38	78.67	2008	10	8
9-Oct-08	77.25	73.38	79.96	2008	10	9

10-Oct-08	77.33	73.04	78.96	2008	10	10
11-Oct-08	78.17	74.04	78	2008	10	11
12-Oct-08	78.38	75.04	80.29	2008	10	12
13-Oct-08	77.04	77.83	79.5	2008	10	13
14-Oct-08	77	75.71	79.21	2008	10	14
15-Oct-08	75.58	73.63	78.29	2008	10	15
16-Oct-08	74.96	71.04	77.79	2008	10	16
17-Oct-08	74.17	69.5	75.83	2008	10	17
18-Oct-08	74.67	68.42	74.38	2008	10	18
19-Oct-08	68.29	62.25	69.58	2008	10	19
20-Oct-08	70.88	62.25	72.58	2008	10	20
21-Oct-08	70.58	63.17	73.88	2008	10	21
22-Oct-08	72.17	65.25	75.08	2008	10	22
23-Oct-08	75.17	65.88	77.17	2008	10	23
24-Oct-08	73.79	66.17	76.04	2008	10	24
25-Oct-08	75.75	64.33	75	2008	10	25
26-Oct-08	67.88	58.54	68	2008	10	26
27-Oct-08	66.67	56.88	67.75	2008	10	27
28-Oct-08	54.75	47.83	55.54	2008	10	28
29-Oct-08	53.46	45.42	53.42	2008	10	29
30-Oct-08	59.71	51.29	61.5	2008	10	30
31-Oct-08	66.83	59.13	67.42	2008	10	31
1-Nov-08	68.04	56.5	68.83	2008	11	1
2-Nov-08	66.42	62.04	69	2008	11	2
3-Nov-08	70.46	64.88	71.54	2008	11	3
4-Nov-08	65.83	63.5	66.38	2008	11	4
5-Nov-08	64.21	60.92	65.75	2008	11	5
6-Nov-08	66.04	59.5	66.5	2008	11	6
7-Nov-08	69.13	60.75	68.38	2008	11	7
8-Nov-08	69.25	61.46	67.42	2008	11	8
9-Nov-08	63.33	52.13	65.71	2008	11	9
10-Nov-08	63.33	51.38	64.88	2008	11	10
11-Nov-08	66.96	56.63	68.83	2008	11	11
12-Nov-08	73.54	67.21	76.46	2008	11	12
13-Nov-08	76.42	72.5	78.42	2008	11	13
14-Nov-08	76.67	73.79	77.08	2008	11	14
15-Nov-08	73.75	63.79	73.63	2008	11	15
16-Nov-08	55.04	47.29	55.88	2008	11	16
17-Nov-08	54.17	46.5	54.58	2008	11	17
18-Nov-08	55.58	45.21	56.83	2008	11	18
19-Nov-08	49.96	39.83	50.71	2008	11	19
20-Nov-08	53.92	48.38	56.04	2008	11	20
21-Nov-08	56.67	46.58	60.46	2008	11	21
22-Nov-08	53.88	41.25	55.67	2008	11	22
23-Nov-08	56.96	46	59.38	2008	11	23
24-Nov-08	61.29	51.13	62.38	2008	11	24
25-Nov-08	61.67	53.5	61.5	2008	11	25

26-Nov-08	54.46	44.33	55.38	2008	11	26
27-Nov-08	53.67	53.83	56.75	2008	11	27
28-Nov-08	59.08	60.92	60.96	2008	11	28
29-Nov-08	62.42	65.17	66.83	2008	11	29
30-Nov-08	64.54	60.88	67.46	2008	11	30
1-Dec-08	61.04	51.96	63.88	2008	12	1
2-Dec-08	54.21	44.33	54.71	2008	12	2
3-Dec-08	53.29	40.88	55	2008	12	3
4-Dec-08	62.21	51.25	62.42	2008	12	4
5-Dec-08	63.54	55.38	64.46	2008	12	5
6-Dec-08	65.88	56.04	65.25	2008	12	6
7-Dec-08	57.08	45.88	58.25	2008	12	7
8-Dec-08	58.67	45	60.17	2008	12	8
9-Dec-08	68.58	61.58	70.08	2008	12	9
10-Dec-08	72.5	65.79	72.83	2008	12	10
11-Dec-08	67.58	59.67	68.63	2008	12	11
12-Dec-08	56.92	48.75	58.17	2008	12	12
13-Dec-08	54.96	43.25	56	2008	12	13
14-Dec-08	66.5	55.63	65.88	2008	12	14
15-Dec-08	69.54	61.13	71.46	2008	12	15
16-Dec-08	67.5	64.92	70.17	2008	12	16
17-Dec-08	67.79	63.04	70.42	2008	12	17
18-Dec-08	68.46	62.29	70.63	2008	12	18
19-Dec-08	67.17	61.96	69.08	2008	12	19
20-Dec-08	65.58	69.5	65.58	2008	12	20
21-Dec-08	65.92	61.63	68	2008	12	21
22-Dec-08	53.38	41.54	55.88	2008	12	22
23-Dec-08	59.75	49.17	61	2008	12	23
24-Dec-08	68.58	60.17	72.79	2008	12	24
25-Dec-08	71.67	64.33	74.04	2008	12	25
26-Dec-08	69.92	63.54	74.58	2008	12	26
27-Dec-08	68.46	64.42	72.04	2008	12	27
28-Dec-08	68.33	64.5	71	2008	12	28
29-Dec-08	68.83	64.54	68.88	2008	12	29
30-Dec-08	63.21	51.42	65.54	2008	12	30
31-Dec-08	60.17	52.92	62.63	2008	12	31
1-Jan-09	59.13	48.54	62.38	2009	1	1
2-Jan-09	63.42	59.71	67.38	2009	1	2
3-Jan-09	63.79	65.13	67.96	2009	1	3
4-Jan-09	67.92	65.79	69.25	2009	1	4
5-Jan-09	66.79	63.58	69.96	2009	1	5
6-Jan-09	68.42	66.63	70.79	2009	1	6
7-Jan-09	65.29	62.79	67.88	2009	1	7
8-Jan-09	58.08	53.38	62.08	2009	1	8
9-Jan-09	58.29	51.58	63.83	2009	1	9
10-Jan-09	61.63	56.38	63.96	2009	1	10
11-Jan-09	66.25	62.5	67.5	2009	1	11

12-Jan-09	63.29	47.75	65.08	2009	1	12
13-Jan-09	60.5	49.17	60.83	2009	1	13
14-Jan-09	52.92	42.04	54.54	2009	1	14
15-Jan-09	50.71	43	51.21	2009	1	15
16-Jan-09	49.79	37.63	52.29	2009	1	16
17-Jan-09	49.67	35.67	50.13	2009	1	17
18-Jan-09	56.17	50.71	55.92	2009	1	18
19-Jan-09	62.04	49.54	63.92	2009	1	19
20-Jan-09	50.42	37.79	53	2009	1	20
21-Jan-09	39.67	33	42.71	2009	1	21
22-Jan-09	43.92	36.92	45.5	2009	1	22
23-Jan-09	50.25	48.33	51.58	2009	1	23
24-Jan-09	56.04	57.33	56.5	2009	1	24
25-Jan-09	60.17	60.92	62.04	2009	1	25
26-Jan-09	63.17	61.21	65.5	2009	1	26
27-Jan-09	66.71	59.42	69.46	2009	1	27
28-Jan-09	69.38	63.58	70.46	2009	1	28
29-Jan-09	68.42	55.58	67.38	2009	1	29
30-Jan-09	56.17	49.13	56.96	2009	1	30
31-Jan-09	49.33	43.17	51.58	2009	1	31
1-Feb-09	54.08	44.33	55.67	2009	2	1
2-Feb-09	60	51.79	62.5	2009	2	2
3-Feb-09	55.63	45.5	54.96	2009	2	3
4-Feb-09	45.79	36.88	49.88	2009	2	4
5-Feb-09	39.5	32.46	41.42	2009	2	5
6-Feb-09	47.88	38.75	49.08	2009	2	6
7-Feb-09	54.79	45.46	57.21	2009	2	7
8-Feb-09	58.75	50.38	59.75	2009	2	8
9-Feb-09	59.46	51.5	63.67	2009	2	9
10-Feb-09	64.46	54.17	66.96	2009	2	10
11-Feb-09	70.08	62.71	69.25	2009	2	11
12-Feb-09	71.67	63.54	68.83	2009	2	12
13-Feb-09	67.54	55.96	67.21	2009	2	13
14-Feb-09	68.88	59.67	65.92	2009	2	14
15-Feb-09	67.38	60.29	69.46	2009	2	15
16-Feb-09	62.75	52.33	65	2009	2	16
17-Feb-09	57.5	48.46	60.63	2009	2	17
18-Feb-09	64.25	60.58	65.54	2009	2	18
19-Feb-09	66.33	65	67.38	2009	2	19
20-Feb-09	54.08	44.38	55.54	2009	2	20
21-Feb-09	54.83	41.75	55.21	2009	2	21
22-Feb-09	63.13	48.96	61.58	2009	2	22
23-Feb-09	58.5	42.29	59.38	2009	2	23
24-Feb-09	56.92	45.88	59.25	2009	2	24
25-Feb-09	61.25	56.04	64.75	2009	2	25
26-Feb-09	62.21	56.88	66.83	2009	2	26
27-Feb-09	64.96	59.83	67.29	2009	2	27

28-Feb-09	68.29	67.92	68.5	2009	2	28
1-Mar-09	59.33	46.54	60.71	2009	3	1
2-Mar-09	49.29	42.04	51.63	2009	3	2
3-Mar-09	49.71	42.58	51.54	2009	3	3
4-Mar-09	53.88	44.42	55.63	2009	3	4
5-Mar-09	59.5	50.71	64.25	2009	3	5
6-Mar-09	62.46	56.29	65.63	2009	3	6
7-Mar-09	65	58.92	67.71	2009	3	7
8-Mar-09	67.5	60.88	68.67	2009	3	8
9-Mar-09	68.42	63.75	69	2009	3	9
10-Mar-09	69.67	64.75	68.71	2009	3	10
11-Mar-09	70	63.25	69.67	2009	3	11
12-Mar-09	69.46	66.79	70.08	2009	3	12
13-Mar-09	69.58	68.54	72.83	2009	3	13
14-Mar-09	72.83	67.29	73.71	2009	3	14
15-Mar-09	74.71	71.13	74.21	2009	3	15
16-Mar-09	75.04	69	74.42	2009	3	16
17-Mar-09	70.75	66.79	72.29	2009	3	17
18-Mar-09	69.88	65.71	73.21	2009	3	18
19-Mar-09	68.63	66.29	71.92	2009	3	19
20-Mar-09	68.5	63.46	73.13	2009	3	20
21-Mar-09	66.71	63.04	69	2009	3	21
22-Mar-09	63.04	59.58	67.08	2009	3	22
23-Mar-09	64.83	60.58	64.63	2009	3	23
24-Mar-09	66.29	66.25	70	2009	3	24
25-Mar-09	68.33	65.21	70.88	2009	3	25
26-Mar-09	70.33	64.08	72.38	2009	3	26
27-Mar-09	71.96	64.38	73.29	2009	3	27
28-Mar-09	77.5	69.46	77.21	2009	3	28
29-Mar-09	71.04	62.25	70.67	2009	3	29
30-Mar-09	66.33	58.04	67.96	2009	3	30
31-Mar-09	70.96	59.08	75.21	2009	3	31
1-Apr-09	73.88	66.38	77.29	2009	4	1
2-Apr-09	75.83	68.17	77.38	2009	4	2
3-Apr-09	75.38	69.79	75.38	2009	4	3
4-Apr-09	69.75	65.21	72.79	2009	4	4
5-Apr-09	75.38	67.29	77.46	2009	4	5
6-Apr-09	72.25	65.5	73.33	2009	4	6
7-Apr-09	56.96	49.17	60	2009	4	7
8-Apr-09	57.58	51.79	60.54	2009	4	8
9-Apr-09	65.13	62	68.96	2009	4	9
10-Apr-09	71.04	68.88	72.79	2009	4	10
11-Apr-09	74.46	72.67	75.13	2009	4	11
12-Apr-09	74	69.13	76.75	2009	4	12
13-Apr-09	74	67.04	77.63	2009	4	13
14-Apr-09	68.63	70	71.25	2009	4	14
15-Apr-09	69.96	59.88	68.17	2009	4	15

16-Apr-09	68.38	64.29	69.75	2009	4	16
17-Apr-09	69.63	66.5	72.17	2009	4	17
18-Apr-09	68	65.17	72.04	2009	4	18
19-Apr-09	70.75	67.46	72.83	2009	4	19
20-Apr-09	72.46	73.25	73.92	2009	4	20
21-Apr-09	71.92	66.5	71.71	2009	4	21
22-Apr-09	71.54	66.58	73.21	2009	4	22
23-Apr-09	72.5	73.29	74.33	2009	4	23
24-Apr-09	74.67	71.29	76.67	2009	4	24
25-Apr-09	72.92	72.13	77.42	2009	4	25
26-Apr-09	72.42	72.79	76.96	2009	4	26
27-Apr-09	73.38	72.79	76.96	2009	4	27
28-Apr-09	73.17	72.79	76.71	2009	4	28
29-Apr-09	73.63	72.88	77.33	2009	4	29
30-Apr-09	73.46	72.75	76.96	2009	4	30
1-May-09	73.71	71.42	76.75	2009	5	1
2-May-09	75.67	73.13	77.33	2009	5	2
3-May-09	77.75	73.25	78.46	2009	5	3
4-May-09	78.13	74.25	79.13	2009	5	4
5-May-09	78.42	76.17	79.25	2009	5	5
6-May-09	78.58	76.63	80.42	2009	5	6
7-May-09	79.79	75.88	79.96	2009	5	7
8-May-09	81.75	76.67	79.88	2009	5	8
9-May-09	82.04	74.67	81.08	2009	5	9
10-May-09	83.67	78.21	81.58	2009	5	10
11-May-09	79.25	81.42	81.88	2009	5	11
12-May-09	76.17	75.46	80.17	2009	5	12
13-May-09	77.08	76.46	76.79	2009	5	13
14-May-09	77.75	74.83	76.21	2009	5	14
15-May-09	77.67	76.04	78.67	2009	5	15
16-May-09	78.17	75.88	78.79	2009	5	16
17-May-09	77.5	74.29	77.33	2009	5	17
18-May-09	71	64.29	71.13	2009	5	18
19-May-09	68.58	62.5	67.42	2009	5	19
20-May-09	69.75	70.67	70.67	2009	5	20
21-May-09	72.83	73.33	72.54	2009	5	21
22-May-09	72.42	74.88	75.58	2009	5	22
23-May-09	75.29	76.88	76.21	2009	5	23
24-May-09	73.96	76.13	76.21	2009	5	24
25-May-09	74.42	74.71	76.83	2009	5	25
26-May-09	74.33	72.96	77.08	2009	5	26
27-May-09	75.88	74.17	78.79	2009	5	27
28-May-09	75.46	75.54	79.63	2009	5	28
29-May-09	77.79	77.38	80.21	2009	5	29
30-May-09	80.17	75.75	79.67	2009	5	30
31-May-09	77.42	78.79	77.63	2009	5	31
1-Jun-09	78.21	81.58	79.54	2009	6	1

2-Jun-09	78.21	78.54	79.42	2009	6	2
3-Jun-09	77.83	73.38	78.21	2009	6	3
4-Jun-09	76.33	74.08	78.71	2009	6	4
5-Jun-09	76.38	73.75	78.17	2009	6	5
6-Jun-09	75.46	76.13	78.54	2009	6	6
7-Jun-09	74.04	79.13	79.08	2009	6	7
8-Jun-09	76.46	80.04	78.63	2009	6	8
9-Jun-09	79.04	82.13	80.63	2009	6	9
10-Jun-09	82.17	81.96	83.25	2009	6	10
11-Jun-09	83.29	83.04	82.83	2009	6	11
12-Jun-09	83.63	83.25	82.46	2009	6	12
13-Jun-09	80.42	82.25	81.88	2009	6	13
14-Jun-09	80.42	80.88	82.83	2009	6	14
15-Jun-09	82.63	81.83	84.04	2009	6	15
16-Jun-09	82.63	84.25	84.25	2009	6	16
17-Jun-09	82	87	83.33	2009	6	17
18-Jun-09	78.79	86.67	82.33	2009	6	18
19-Jun-09	81.88	87.79	85.04	2009	6	19
20-Jun-09	85.33	88.75	85.75	2009	6	20
21-Jun-09	87.5	89.42	86.67	2009	6	21
22-Jun-09	88.58	89.08	88.04	2009	6	22
23-Jun-09	82.54	85.96	87.71	2009	6	23
24-Jun-09	80.04	83.38	82.71	2009	6	24
25-Jun-09	82.21	83.38	84.54	2009	6	25
26-Jun-09	80.92	83	80	2009	6	26
27-Jun-09	81.46	83.13	82.21	2009	6	27
28-Jun-09	83.08	83.79	84.38	2009	6	28
29-Jun-09	82.04	79.08	84.63	2009	6	29
30-Jun-09	78.21	82.58	80.58	2009	6	30
1-Jul-09	77.25	84.21	78	2009	7	1
2-Jul-09	78.54	81.38	79.38	2009	7	2
3-Jul-09	82.67	83.71	83.54	2009	7	3
4-Jul-09	81.88	82.38	84.88	2009	7	4
5-Jul-09	81.42	80.75	84.75	2009	7	5
6-Jul-09	82.42	77.42	83.42	2009	7	6
7-Jul-09	78.63	77.42	82.25	2009	7	7
8-Jul-09	78.71	79.29	82.04	2009	7	8
9-Jul-09	77.13	78.38	78.96	2009	7	9
10-Jul-09	76.04	79.38	80.58	2009	7	10
11-Jul-09	76.83	79.38	80.88	2009	7	11
12-Jul-09	78.79	81.63	81.08	2009	7	12
13-Jul-09	79.83	81.83	83.63	2009	7	13
14-Jul-09	80.67	82.21	84.17	2009	7	14
15-Jul-09	81.79	82.88	84.92	2009	7	15
16-Jul-09	83.75	80.21	85.54	2009	7	16
17-Jul-09	83.38	80.92	85.5	2009	7	17
18-Jul-09	81.13	77.79	84.96	2009	7	18

19-Jul-09	77.63	76.08	81.83	2009	7	19
20-Jul-09	76.29	77.29	78.92	2009	7	20
21-Jul-09	80.54	76.33	82.96	2009	7	21
22-Jul-09	81.88	78.29	83.54	2009	7	22
23-Jul-09	81.13	79.92	84.63	2009	7	23
24-Jul-09	82.33	80.38	84.54	2009	7	24
25-Jul-09	81.63	79.63	84	2009	7	25
26-Jul-09	77.67	79.46	80.63	2009	7	26
27-Jul-09	79.29	79.58	81.04	2009	7	27
28-Jul-09	81.92	78.92	84.29	2009	7	28
29-Jul-09	82.17	79.21	84.13	2009	7	29
30-Jul-09	79.29	82.38	82	2009	7	30
31-Jul-09	79.58	79.63	81.29	2009	7	31
1-Aug-09	83.04	78.83	83.92	2009	8	1
2-Aug-09	82.79	80	84.58	2009	8	2
3-Aug-09	80.04	79.88	84.79	2009	8	3
4-Aug-09	79.29	79.92	84.38	2009	8	4
5-Aug-09	79.79	80.17	80.08	2009	8	5
6-Aug-09	80.33	80.83	82.25	2009	8	6
7-Aug-09	81.96	82.58	82.08	2009	8	7
8-Aug-09	81.54	82.08	81.46	2009	8	8
9-Aug-09	82.75	82.75	85.04	2009	8	9
10-Aug-09	82.88	84.04	84.88	2009	8	10
11-Aug-09	83.67	83.21	85.04	2009	8	11
12-Aug-09	83	81.17	84.5	2009	8	12
13-Aug-09	80.92	77.75	83.46	2009	8	13
14-Aug-09	79.63	79.13	80.83	2009	8	14
15-Aug-09	81.08	77.75	81.33	2009	8	15
16-Aug-09	82.13	78.17	79.88	2009	8	16
17-Aug-09	82.92	79.29	81.13	2009	8	17
18-Aug-09	79.67	80.79	80.63	2009	8	18
19-Aug-09	81.33	80.38	81.96	2009	8	19
20-Aug-09	82.83	81.71	84.42	2009	8	20
21-Aug-09	80.38	77.71	82.96	2009	8	21
22-Aug-09	79.63	80.33	79.79	2009	8	22
23-Aug-09	78.75	76.42	81.42	2009	8	23
24-Aug-09	79.04	74.5	82.33	2009	8	24
25-Aug-09	81.17	76.63	81.04	2009	8	25
26-Aug-09	80.63	77.79	79.33	2009	8	26
27-Aug-09	82.42	74.79	80.46	2009	8	27
28-Aug-09	82.54	79.54	80.75	2009	8	28
29-Aug-09	83.17	80.88	83.46	2009	8	29
30-Aug-09	83.08	80.21	83.88	2009	8	30
31-Aug-09	81.42	76.54	84.13	2009	8	31
1-Sep-09	78.46	77.58	79.71	2009	9	1
2-Sep-09	76.33	76.79	78.29	2009	9	2
3-Sep-09	78.5	78.88	78	2009	9	3

4-Sep-09	79.63	80.08	80.58	2009	9	4
5-Sep-09	78.04	80.83	80.5	2009	9	5
6-Sep-09	79.79	80.38	81.21	2009	9	6
7-Sep-09	80.33	79.13	81.63	2009	9	7
8-Sep-09	80.13	77.5	83	2009	9	8
9-Sep-09	80.29	80	83.46	2009	9	9
10-Sep-09	80.46	80.25	83.25	2009	9	10
11-Sep-09	80.83	81.04	80.58	2009	9	11
12-Sep-09	77.54	75.88	77.38	2009	9	12
13-Sep-09	78.67	80.21	82.71	2009	9	13
14-Sep-09	80.83	78.88	82.13	2009	9	14
15-Sep-09	80.71	76.79	81.29	2009	9	15
16-Sep-09	81.21	77.92	81.58	2009	9	16
17-Sep-09	81.21	75.08	81.25	2009	9	17
18-Sep-09	81.21	78.54	82.21	2009	9	18
19-Sep-09	81.17	79.58	83.88	2009	9	19
20-Sep-09	81.96	81.58	81.17	2009	9	20
21-Sep-09	80.92	81.13	83.42	2009	9	21
22-Sep-09	81.38	81.08	81.92	2009	9	22
23-Sep-09	80.38	81.5	83.04	2009	9	23
24-Sep-09	80.17	82	81.88	2009	9	24
25-Sep-09	81.38	81.96	81.67	2009	9	25
26-Sep-09	81.33	79.79	82.88	2009	9	26
27-Sep-09	78.54	77.46	82.96	2009	9	27
28-Sep-09	79.38	76.29	81.83	2009	9	28
29-Sep-09	80.29	73.67	82.88	2009	9	29
30-Sep-09	73.08	64.25	73.38	2009	9	30
1-Oct-09	72.79	66.17	72.33	2009	10	1
2-Oct-09	77.08	68.38	75.79	2009	10	2
3-Oct-09	76.96	73.42	78.04	2009	10	3
4-Oct-09	78.92	74.79	80.88	2009	10	4
5-Oct-09	78.92	77	82.04	2009	10	5
6-Oct-09	81.58	80.04	83.04	2009	10	6
7-Oct-09	83.21	82.42	83.46	2009	10	7
8-Oct-09	82.67	80.83	83.54	2009	10	8
9-Oct-09	82.67	81.13	84.71	2009	10	9
10-Oct-09	81.54	79.63	83.5	2009	10	10
11-Oct-09	80.79	78.63	84.08	2009	10	11
12-Oct-09	82	80.25	82.88	2009	10	12
13-Oct-09	81	73.17	83.25	2009	10	13
14-Oct-09	81.17	74.21	81.96	2009	10	14
15-Oct-09	78.75	77.5	82.71	2009	10	15
16-Oct-09	78.13	69.46	80	2009	10	16
17-Oct-09	65.46	53.79	66.13	2009	10	17
18-Oct-09	56.58	51.17	57.17	2009	10	18
19-Oct-09	61.29	51.5	61.42	2009	10	19
20-Oct-09	69	57.46	69.42	2009	10	20

21-Oct-09	71.42	68.96	73.58	2009	10	21
22-Oct-09	73.21	72.29	76.33	2009	10	22
23-Oct-09	76.08	74.38	77.63	2009	10	23
24-Oct-09	76.29	65.08	75.04	2009	10	24
25-Oct-09	72.92	58.38	67.38	2009	10	25
26-Oct-09	76.63	64.88	73.54	2009	10	26
27-Oct-09	79.21	74	78.63	2009	10	27
28-Oct-09	79.5	75.25	79.79	2009	10	28
29-Oct-09	79.88	77.29	81.46	2009	10	29
30-Oct-09	77.46	76.29	81.54	2009	10	30
31-Oct-09	77.08	73.38	79.08	2009	10	31
1-Nov-09	77.08	59.5	75.04	2009	11	1
2-Nov-09	73.33	54.5	70.63	2009	11	2
3-Nov-09	69.67	59.33	70.67	2009	11	3
4-Nov-09	73.54	60.21	74.54	2009	11	4
5-Nov-09	70.29	59.5	71.75	2009	11	5
6-Nov-09	67.46	53.46	69.38	2009	11	6
7-Nov-09	69.96	61.17	71.58	2009	11	7
8-Nov-09	72.79	68.88	73.42	2009	11	8
9-Nov-09	76.13	69.54	76.5	2009	11	9
10-Nov-09	75.96	70.75	75.29	2009	11	10
11-Nov-09	73.08	64.21	71.96	2009	11	11
12-Nov-09	59.67	60.42	61.5	2009	11	12
13-Nov-09	62.58	58.83	63.17	2009	11	13
14-Nov-09	66.21	58.08	66.17	2009	11	14
15-Nov-09	66.13	56.08	64.58	2009	11	15
16-Nov-09	67.79	57.88	65.46	2009	11	16
17-Nov-09	68.88	62.92	67.33	2009	11	17
18-Nov-09	69.21	59.29	69.38	2009	11	18
19-Nov-09	69.71	53.67	66.92	2009	11	19
20-Nov-09	69.25	55.96	67.96	2009	11	20
21-Nov-09	69.5	59.38	71.96	2009	11	21
22-Nov-09	72.42	65.08	73.58	2009	11	22
23-Nov-09	72.13	59.71	72.79	2009	11	23
24-Nov-09	71.71	59.38	71.46	2009	11	24
25-Nov-09	66.13	56.79	68.25	2009	11	25
26-Nov-09	61.75	51.25	62.17	2009	11	26
27-Nov-09	54	46.54	54.46	2009	11	27
28-Nov-09	55.38	48.25	55.75	2009	11	28
29-Nov-09	60.21	54	60.75	2009	11	29
30-Nov-09	64.04	57.79	66.54	2009	11	30
1-Dec-09	66.67	56.71	71.33	2009	12	1
2-Dec-09	74.08	63.38	73.5	2009	12	2
3-Dec-09	71.21	55.54	68.88	2009	12	3
4-Dec-09	58.29	45.13	58.21	2009	12	4
5-Dec-09	57.29	45.88	57.17	2009	12	5
6-Dec-09	56.38	43.04	54.13	2009	12	6

7-Dec-09	69.88	57.75	66.29	2009	12	7
8-Dec-09	72.25	64.21	70.67	2009	12	8
9-Dec-09	76.13	72.83	71.71	2009	12	9
10-Dec-09	66.5	52.13	66.58	2009	12	10
11-Dec-09	56.96	44.88	57.13	2009	12	11
12-Dec-09	69.71	49.17	69.92	2009	12	12
13-Dec-09	72.54	62.21	72.75	2009	12	13
14-Dec-09	71.21	68.67	73.04	2009	12	14
15-Dec-09	72.54	68.46	72.46	2009	12	15
16-Dec-09	67.79	58.38	68.63	2009	12	16
17-Dec-09	67.25	54.96	67.54	2009	12	17
18-Dec-09	68.79	56.92	69.21	2009	12	18
19-Dec-09	56.04	50.79	59.08	2009	12	19
20-Dec-09	51.25	41.63	53.63	2009	12	20
21-Dec-09	50.42	40.08	50.63	2009	12	21
22-Dec-09	53.88	44.29	54.58	2009	12	22
23-Dec-09	59.42	50.08	60.63	2009	12	23
24-Dec-09	65.79	59.88	67.5	2009	12	24
25-Dec-09	69.46	58.75	68.25	2009	12	25
26-Dec-09	55.17	45.38	56.83	2009	12	26
27-Dec-09	53.33	48.17	53.25	2009	12	27
28-Dec-09	56.08	44.79	54	2009	12	28
29-Dec-09	47.88	40.5	48.88	2009	12	29
30-Dec-09	57.13	48.96	57.33	2009	12	30
31-Dec-09	64.04	59.79	64.83	2009	12	31
1-Jan-10	58.79	49.63	59.96	2010	1	1
2-Jan-10	48	40.92	47.83	2010	1	2
3-Jan-10	41.5	34.25	41.38	2010	1	3
4-Jan-10	41.96	35.25	42.96	2010	1	4
5-Jan-10	40.46	33.04	42.46	2010	1	5
6-Jan-10	39.33	30.71	39.04	2010	1	6
7-Jan-10	44.33	37.21	45.13	2010	1	7
8-Jan-10	45.79	38.83	48.83	2010	1	8
9-Jan-10	34.42	29.83	35.71	2010	1	9
10-Jan-10	35.13	29.5	34.58	2010	1	10
11-Jan-10	39	29.88	37.63	2010	1	11
12-Jan-10	43.58	36.67	44.63	2010	1	12
13-Jan-10	46.71	36.75	45.17	2010	1	13
14-Jan-10	54.33	40.04	54	2010	1	14
15-Jan-10	60	50.13	63.21	2010	1	15
16-Jan-10	67.63	60.08	69.13	2010	1	16
17-Jan-10	69.5	59.96	64.08	2010	1	17
18-Jan-10	58.38	54.63	57.25	2010	1	18
19-Jan-10	56.38	51.71	56.08	2010	1	19
20-Jan-10	58.83	53	60.13	2010	1	20
21-Jan-10	69.38	64.33	67.17	2010	1	21
22-Jan-10	71	65.08	67.04	2010	1	22

23-Jan-10	64.5	57.38	66	2010	1	23
24-Jan-10	71.54	65.29	71.92	2010	1	24
25-Jan-10	65.13	56.38	64.54	2010	1	25
26-Jan-10	55.83	50.33	57.63	2010	1	26
27-Jan-10	53.96	45.54	56.54	2010	1	27
28-Jan-10	56.83	46.63	58.67	2010	1	28
29-Jan-10	61.88	57.54	63.46	2010	1	29
30-Jan-10	65.79	61.08	65.29	2010	1	30
31-Jan-10	52.25	43.83	52.83	2010	1	31
1-Feb-10	57.29	49	56.67	2010	2	1
2-Feb-10	64.13	53.58	61.79	2010	2	2
3-Feb-10	55.46	48.54	56.38	2010	2	3
4-Feb-10	61.17	58.58	63.25	2010	2	4
5-Feb-10	67.42	62.29	66.96	2010	2	5
6-Feb-10	59.25	52	59.96	2010	2	6
7-Feb-10	49.21	42.88	49.75	2010	2	7
8-Feb-10	52.38	44.5	51	2010	2	8
9-Feb-10	57.71	50.38	60.13	2010	2	9
10-Feb-10	50.67	40.25	50	2010	2	10
11-Feb-10	45.42	39.79	46.25	2010	2	11
12-Feb-10	48.83	39.33	48.54	2010	2	12
13-Feb-10	44.63	39.71	46.79	2010	2	13
14-Feb-10	46.13	41.75	46.42	2010	2	14
15-Feb-10	54	41.54	52.63	2010	2	15
16-Feb-10	48.67	37.08	49.38	2010	2	16
17-Feb-10	46.71	38.83	50	2010	2	17
18-Feb-10	49.08	41.63	49.54	2010	2	18
19-Feb-10	52.04	48.08	52.58	2010	2	19
20-Feb-10	58.42	50.04	57.92	2010	2	20
21-Feb-10	61.79	52.63	61.67	2010	2	21
22-Feb-10	64.54	58.5	65.46	2010	2	22
23-Feb-10	66.17	57.08	65.83	2010	2	23
24-Feb-10	58.92	44.88	57	2010	2	24
25-Feb-10	48.33	39.92	48.79	2010	2	25
26-Feb-10	48.33	40.71	48.71	2010	2	26
27-Feb-10	47.08	45.75	49.42	2010	2	27
28-Feb-10	52.08	46.67	53.5	2010	2	28
1-Mar-10	54.58	49.33	56.88	2010	3	1
2-Mar-10	59.38	50.13	62.08	2010	3	2
3-Mar-10	49.92	48.42	52.13	2010	3	3
4-Mar-10	47.88	42.83	49.79	2010	3	4
5-Mar-10	49.67	44.38	49.58	2010	3	5
6-Mar-10	52	45.13	52.58	2010	3	6
7-Mar-10	54.38	48.13	53.75	2010	3	7
8-Mar-10	58.21	54.79	55.96	2010	3	8
9-Mar-10	60.88	56.79	60.08	2010	3	9
10-Mar-10	65.38	60	66.67	2010	3	10

11-Mar-10	66.42	64.42	68.25	2010	3	11
12-Mar-10	63.63	63.29	64.04	2010	3	12
13-Mar-10	63.13	58.75	63.88	2010	3	13
14-Mar-10	61.71	56.75	63.33	2010	3	14
15-Mar-10	60.54	56.08	62.17	2010	3	15
16-Mar-10	57.67	53.79	56.92	2010	3	16
17-Mar-10	59.5	52.04	57.83	2010	3	17
18-Mar-10	57.42	53.29	58.04	2010	3	18
19-Mar-10	59.33	57.63	61	2010	3	19
20-Mar-10	62.29	56.67	62.17	2010	3	20
21-Mar-10	62.88	57.54	64.08	2010	3	21
22-Mar-10	60.25	51.92	61.92	2010	3	22
23-Mar-10	60.79	55.96	60.33	2010	3	23
24-Mar-10	62.58	58.71	63.46	2010	3	24
25-Mar-10	67.29	60	67.92	2010	3	25
26-Mar-10	69.25	65.17	66.96	2010	3	26
27-Mar-10	66.75	63.25	68.75	2010	3	27
28-Mar-10	66.46	64.75	67.88	2010	3	28
29-Mar-10	64.67	58.75	63.67	2010	3	29
30-Mar-10	61.5	58.54	63.13	2010	3	30
31-Mar-10	63.17	60.29	62.58	2010	3	31
1-Apr-10	66.96	62.79	64.04	2010	4	1
2-Apr-10	67.54	62.67	68.79	2010	4	2
3-Apr-10	69.75	65.71	70.58	2010	4	3
4-Apr-10	69.04	68.42	70.83	2010	4	4
5-Apr-10	69.04	70.33	71.38	2010	4	5
6-Apr-10	69.63	68.54	71.17	2010	4	6
7-Apr-10	70.46	68.21	72.71	2010	4	7
8-Apr-10	74	68.54	73.83	2010	4	8
9-Apr-10	71.75	62.92	71.46	2010	4	9
10-Apr-10	67.96	61.21	70.88	2010	4	10
11-Apr-10	70.33	68.08	73.71	2010	4	11
12-Apr-10	69.17	67.17	71.71	2010	4	12
13-Apr-10	69.42	70.08	72.92	2010	4	13
14-Apr-10	70.33	72.38	73.33	2010	4	14
15-Apr-10	68.83	69.04	71.79	2010	4	15
16-Apr-10	69.21	66.88	71.75	2010	4	16
17-Apr-10	70.21	67.29	71.63	2010	4	17
18-Apr-10	68.13	69.67	67.58	2010	4	18
19-Apr-10	67.42	69.54	69.71	2010	4	19
20-Apr-10	69.13	65.42	70.63	2010	4	20
21-Apr-10	70.25	68.33	71.79	2010	4	21
22-Apr-10	71.54	68.92	72.04	2010	4	22
23-Apr-10	72.54	68.38	74.29	2010	4	23
24-Apr-10	74.67	72.5	76	2010	4	24
25-Apr-10	75.58	76.29	74.04	2010	4	25
26-Apr-10	72.92	72.29	73.08	2010	4	26

27-Apr-10	72.54	65.63	73.58	2010	4	27
28-Apr-10	68.04	61.79	68.21	2010	4	28
29-Apr-10	69	64	70.75	2010	4	29
30-Apr-10	74.71	66.21	77.38	2010	4	30
1-May-10	78.71	74.96	80.5	2010	5	1
2-May-10	80	77	81.38	2010	5	2
3-May-10	80.21	77.75	80.63	2010	5	3
4-May-10	81.88	74.25	79.75	2010	5	4
5-May-10	79.88	74.75	80.33	2010	5	5
6-May-10	77.21	77.71	80.17	2010	5	6
7-May-10	79.88	76.54	80.88	2010	5	7
8-May-10	80.5	78.88	79.83	2010	5	8
9-May-10	77.46	69.88	79.46	2010	5	9
10-May-10	74.08	71.08	78.21	2010	5	10
11-May-10	74.71	74.29	79.13	2010	5	11
12-May-10	74.79	76.5	79.46	2010	5	12
13-May-10	75.13	77.25	80.29	2010	5	13
14-May-10	75.71	76.29	79.79	2010	5	14
15-May-10	77.08	76.17	79.17	2010	5	15
16-May-10	76.46	75.29	78.63	2010	5	16
17-May-10	74.88	78.75	78.42	2010	5	17
18-May-10	78.25	76.46	79.67	2010	5	18
19-May-10	78.75	78.33	79.04	2010	5	19
20-May-10	79.67	78.71	81.38	2010	5	20
21-May-10	79.79	80	83.04	2010	5	21
22-May-10	78.75	81.42	83.21	2010	5	22
23-May-10	78.71	82.46	82.88	2010	5	23
24-May-10	77.96	82.13	81	2010	5	24
25-May-10	76.25	77.29	79.25	2010	5	25
26-May-10	77.25	77.58	78.67	2010	5	26
27-May-10	78.08	80.33	78.88	2010	5	27
28-May-10	77.58	77.21	80.21	2010	5	28
29-May-10	75.13	77.29	78.46	2010	5	29
30-May-10	78.38	77.33	78.92	2010	5	30
31-May-10	79.71	77.25	80.38	2010	5	31
1-Jun-10	79.92	76.17	81.46	2010	6	1
2-Jun-10	80.33	78.13	82.75	2010	6	2
3-Jun-10	76.75	78.25	82.54	2010	6	3
4-Jun-10	77.75	83.25	81.54	2010	6	4
5-Jun-10	81.08	80	84.96	2010	6	5
6-Jun-10	81.79	81.83	85.38	2010	6	6
7-Jun-10	81.29	84.13	85.63	2010	6	7
8-Jun-10	81	82.38	85	2010	6	8
9-Jun-10	78.46	82.38	82.71	2010	6	9
10-Jun-10	79.63	82.79	81.96	2010	6	10
11-Jun-10	81.04	84.83	84.5	2010	6	11
12-Jun-10	82.71	86.71	87.21	2010	6	12

13-Jun-10	83.21	85.63	85.88	2010	6	13
14-Jun-10	85.67	81.88	86.5	2010	6	14
15-Jun-10	82.92	85	85.79	2010	6	15
16-Jun-10	83.25	85	84.17	2010	6	16
17-Jun-10	79.42	84.33	85.46	2010	6	17
18-Jun-10	78.79	80.54	84.04	2010	6	18
19-Jun-10	80.63	80.75	83.17	2010	6	19
20-Jun-10	78.46	80.21	83.04	2010	6	20
21-Jun-10	80.5	78.79	81.29	2010	6	21
22-Jun-10	81.58	81.54	83.13	2010	6	22
23-Jun-10	83.17	84.75	85.67	2010	6	23
24-Jun-10	83.17	85.33	86.46	2010	6	24
25-Jun-10	83.58	82.83	86.29	2010	6	25
26-Jun-10	84.33	82.13	85.25	2010	6	26
27-Jun-10	82.58	84.29	83.38	2010	6	27
28-Jun-10	83.21	82.5	81.42	2010	6	28
29-Jun-10	84.13	82.21	83	2010	6	29
30-Jun-10	81.96	80.79	79.75	2010	6	30
1-Jul-10	79.42	76.5	80.08	2010	7	1
2-Jul-10	78	78.42	77.17	2010	7	2
3-Jul-10	77.5	80.71	78.17	2010	7	3
4-Jul-10	77.13	80.04	75.92	2010	7	4
5-Jul-10	77.17	78.54	76.04	2010	7	5
6-Jul-10	80.58	79.38	77.58	2010	7	6
7-Jul-10	81.08	81.83	82.33	2010	7	7
8-Jul-10	80.46	84.04	81.96	2010	7	8
9-Jul-10	83.04	84.96	84	2010	7	9
10-Jul-10	85.17	80.5	83.88	2010	7	10
11-Jul-10	79.79	85.63	84.04	2010	7	11
12-Jul-10	82.04	83.63	84.46	2010	7	12
13-Jul-10	83.71	81.42	84.92	2010	7	13
14-Jul-10	83.38	82.04	85.42	2010	7	14
15-Jul-10	80.42	81.46	81	2010	7	15
16-Jul-10	82.88	81.96	83.13	2010	7	16
17-Jul-10	83.79	79.04	87.04	2010	7	17
18-Jul-10	83.46	81.08	83.79	2010	7	18
19-Jul-10	85.04	78.96	86.58	2010	7	19
20-Jul-10	84.88	83.17	87.13	2010	7	20
21-Jul-10	84.58	85.5	87	2010	7	21
22-Jul-10	83.96	85.54	86.38	2010	7	22
23-Jul-10	82.04	86.42	82.25	2010	7	23
24-Jul-10	84.04	86	83.67	2010	7	24
25-Jul-10	85	83.67	84.75	2010	7	25
26-Jul-10	84.75	83.96	84.58	2010	7	26
27-Jul-10	87.5	85.5	86.08	2010	7	27
28-Jul-10	83.38	87.96	85.13	2010	7	28
29-Jul-10	83.92	87	84.21	2010	7	29

30-Jul-10	86.75	89.13	87.04	2010	7	30
31-Jul-10	87.38	84.5	87.21	2010	7	31
1-Aug-10	83.04	81.04	86.38	2010	8	1
2-Aug-10	83.54	85.13	83.71	2010	8	2
3-Aug-10	84.75	85.04	84	2010	8	3
4-Aug-10	84	81.46	84.29	2010	8	4
5-Aug-10	83.04	83.58	83.79	2010	8	5
6-Aug-10	83.79	84.17	84.17	2010	8	6
7-Aug-10	81.21	81.92	85	2010	8	7
8-Aug-10	78.83	84.08	83.17	2010	8	8
9-Aug-10	81.83	86.42	81	2010	8	9
10-Aug-10	79.88	84	80.38	2010	8	10
11-Aug-10	80.71	82.38	80.71	2010	8	11
12-Aug-10	83.5	79.71	83.38	2010	8	12
13-Aug-10	81.67	82.08	85.58	2010	8	13
14-Aug-10	85	83.96	86.13	2010	8	14
15-Aug-10	84.67	80.83	86	2010	8	15
16-Aug-10	82.63	83.21	85.88	2010	8	16
17-Aug-10	84.13	85.17	85.25	2010	8	17
18-Aug-10	84.33	82.5	84.17	2010	8	18
19-Aug-10	83.21	81.71	86.17	2010	8	19
20-Aug-10	83.79	82.21	86.79	2010	8	20
21-Aug-10	80.92	82.63	84.08	2010	8	21
22-Aug-10	80.25	81.92	83.33	2010	8	22
23-Aug-10	79.88	82.58	79.96	2010	8	23
24-Aug-10	77.38	82.71	79.08	2010	8	24
25-Aug-10	78.92	81.88	79.83	2010	8	25
26-Aug-10	81.25	80.63	82.21	2010	8	26
27-Aug-10	79.67	78.5	79.88	2010	8	27
28-Aug-10	81.83	78.71	81.88	2010	8	28
29-Aug-10	80.63	80.17	81.46	2010	8	29
30-Aug-10	81.88	80.38	82.67	2010	8	30
31-Aug-10	81.42	80.96	82.13	2010	8	31
1-Sep-10	80.88	81.38	82.83	2010	9	1
2-Sep-10	81.25	79.17	80.25	2010	9	2
3-Sep-10	82.75	80.79	81.75	2010	9	3
4-Sep-10	82.63	81.21	83.88	2010	9	4
5-Sep-10	81.29	81.13	81.63	2010	9	5
6-Sep-10	77.79	82	80.63	2010	9	6
7-Sep-10	79.04	83.42	80.92	2010	9	7
8-Sep-10	80.71	83.21	80.79	2010	9	8
9-Sep-10	82.17	82.33	81.71	2010	9	9
10-Sep-10	82.79	82.54	84.38	2010	9	10
11-Sep-10	83.67	83.71	83.25	2010	9	11
12-Sep-10	82.83	81.71	82.42	2010	9	12
13-Sep-10	82.67	83.58	84.25	2010	9	13
14-Sep-10	80.63	82.17	83.75	2010	9	14

15-Sep-10	78.33	78.96	82.17	2010	9	15
16-Sep-10	80.33	78.29	83.25	2010	9	16
17-Sep-10	80.42	79.88	83.42	2010	9	17
18-Sep-10	79.79	80.83	82.33	2010	9	18
19-Sep-10	78.75	80.21	81.5	2010	9	19
20-Sep-10	79.67	80.25	81.71	2010	9	20
21-Sep-10	79.71	81.42	82.13	2010	9	21
22-Sep-10	79.92	81.5	81.42	2010	9	22
23-Sep-10	80.83	81.13	82.75	2010	9	23
24-Sep-10	80.75	82.54	82	2010	9	24
25-Sep-10	79.25	81.04	82.42	2010	9	25
26-Sep-10	80.42	74.13	81.63	2010	9	26
27-Sep-10	81.13	73.92	81.67	2010	9	27
28-Sep-10	76.25	71.42	80.13	2010	9	28
29-Sep-10	75.96	73.25	79.54	2010	9	29
30-Sep-10	76.38	74.63	78.54	2010	9	30
1-Oct-10	75.29	71.54	78.17	2010	10	1
2-Oct-10	76.38	70.33	77	2010	10	2
3-Oct-10	74.25	69.17	76.13	2010	10	3
4-Oct-10	71.75	63.79	73.08	2010	10	4
5-Oct-10	71.58	63	71.75	2010	10	5
6-Oct-10	69.38	61.21	71.08	2010	10	6
7-Oct-10	68.92	62.79	69.75	2010	10	7
8-Oct-10	70.88	68.38	72.88	2010	10	8
9-Oct-10	72.38	70.67	74.88	2010	10	9
10-Oct-10	73.04	70.67	75.67	2010	10	10
11-Oct-10	74.04	71.13	76.04	2010	10	11
12-Oct-10	75.25	69.71	75.79	2010	10	12
13-Oct-10	75.08	70.79	76.25	2010	10	13
14-Oct-10	74.96	70.92	75.54	2010	10	14
15-Oct-10	70.75	62.08	70.58	2010	10	15
16-Oct-10	70.13	63.13	71.5	2010	10	16
17-Oct-10	71.54	62.38	72.46	2010	10	17
18-Oct-10	69.54	63	72.75	2010	10	18
19-Oct-10	72.33	66.58	74.46	2010	10	19
20-Oct-10	74.75	68.17	75.46	2010	10	20
21-Oct-10	72.96	65.96	74.96	2010	10	21
22-Oct-10	73.25	64.75	73.92	2010	10	22
23-Oct-10	73.38	66.29	76.46	2010	10	23
24-Oct-10	75.88	70.08	78.96	2010	10	24
25-Oct-10	78.13	75.17	79.42	2010	10	25
26-Oct-10	79.83	78.54	80.17	2010	10	26
27-Oct-10	79.46	78.21	81	2010	10	27
28-Oct-10	80.08	75.33	80.21	2010	10	28
29-Oct-10	76.04	63.83	76.96	2010	10	29
30-Oct-10	71.79	61.46	74.67	2010	10	30
31-Oct-10	71.38	63.54	74.96	2010	10	31

1-Nov-10	72.42	66.92	75.08	2010	11	1
2-Nov-10	72.25	65.5	73.33	2010	11	2
3-Nov-10	73.83	66.42	75.83	2010	11	3
4-Nov-10	70.63	62	70.92	2010	11	4
5-Nov-10	58.71	50.75	60.46	2010	11	5
6-Nov-10	53.5	47.17	53.96	2010	11	6
7-Nov-10	56.63	47.04	56.25	2010	11	7
8-Nov-10	59.08	49.04	59.04	2010	11	8
9-Nov-10	61.79	54.63	62.88	2010	11	9
10-Nov-10	64.92	56.42	64.58	2010	11	10
11-Nov-10	67.54	57.75	68.67	2010	11	11
12-Nov-10	66.08	55.38	68.54	2010	11	12
13-Nov-10	64.96	50.96	65	2010	11	13
14-Nov-10	64.54	53.75	65.58	2010	11	14
15-Nov-10	65.38	61.58	68.08	2010	11	15
16-Nov-10	70.21	69	71.5	2010	11	16
17-Nov-10	70.92	56.83	72.29	2010	11	17
18-Nov-10	66.92	51.88	67.29	2010	11	18
19-Nov-10	64.25	53.04	66.46	2010	11	19
20-Nov-10	67.63	56.58	68.96	2010	11	20
21-Nov-10	67.25	62.67	69.58	2010	11	21
22-Nov-10	68.46	64.5	71.58	2010	11	22
23-Nov-10	70	65.79	72	2010	11	23
24-Nov-10	68.46	66.25	71.88	2010	11	24
25-Nov-10	69.83	63.96	72.96	2010	11	25
26-Nov-10	71.63	70.79	72.58	2010	11	26
27-Nov-10	66.21	50.08	69.58	2010	11	27
28-Nov-10	65.42	48	66.63	2010	11	28
29-Nov-10	71.38	66.04	74.67	2010	11	29
30-Nov-10	73	70.46	74.96	2010	11	30
1-Dec-10	62	45.88	61.5	2010	12	1
2-Dec-10	50.29	41.13	50.67	2010	12	2
3-Dec-10	52.04	44.63	52.54	2010	12	3
4-Dec-10	55.17	52.04	57.21	2010	12	4
5-Dec-10	59.63	52.75	62.79	2010	12	5
6-Dec-10	45.46	38.79	45.63	2010	12	6
7-Dec-10	42.58	36.92	44.17	2010	12	7
8-Dec-10	46.5	34.54	47.25	2010	12	8
9-Dec-10	51.17	36.88	50.54	2010	12	9
10-Dec-10	55.33	39.88	52.67	2010	12	10
11-Dec-10	55.88	46	51.29	2010	12	11
12-Dec-10	54.88	51.33	56.88	2010	12	12
13-Dec-10	41.92	36.5	45.96	2010	12	13
14-Dec-10	37.67	33.04	39.42	2010	12	14
15-Dec-10	41.92	35.08	43.88	2010	12	15
16-Dec-10	50.67	49.46	52.29	2010	12	16
17-Dec-10	59.33	63.17	61.71	2010	12	17

18-Dec-10	57.38	54.92	61.25	2010	12	18
19-Dec-10	53.25	45.58	53.58	2010	12	19
20-Dec-10	49.42	41.42	50.58	2010	12	20
21-Dec-10	53.63	47.38	54.21	2010	12	21
22-Dec-10	59.67	62.83	59.96	2010	12	22
23-Dec-10	55.96	48.67	59.25	2010	12	23
24-Dec-10	51.63	41.21	53.5	2010	12	24
25-Dec-10	57.92	44.08	58.42	2010	12	25
26-Dec-10	47.83	37.46	50.04	2010	12	26
27-Dec-10	38.63	34.17	43	2010	12	27
28-Dec-10	41.17	33.33	41.75	2010	12	28
29-Dec-10	45.08	38.79	46.21	2010	12	29
30-Dec-10	56.58	47.54	59.79	2010	12	30
31-Dec-10	62.75	58.04	66.92	2010	12	31
1-Jan-11	65.63	61.79	66.46	2011	1	1
2-Jan-11	67.63	58.96	65.79	2011	1	2
3-Jan-11	61.83	43.92	63	2011	1	3
4-Jan-11	62.04	48.46	61.13	2011	1	4
5-Jan-11	65.67	48.83	65	2011	1	5
6-Jan-11	61.46	51.25	60.42	2011	1	6
7-Jan-11	53.58	47.33	55.96	2011	1	7
8-Jan-11	58.29	48.5	61	2011	1	8
9-Jan-11	54.54	41.04	54.92	2011	1	9
10-Jan-11	63.88	41.58	62.92	2011	1	10
11-Jan-11	62.54	38.79	54.67	2011	1	11
12-Jan-11	46.46	35.67	44.75	2011	1	12
13-Jan-11	41.79	32.58	41.29	2011	1	13
14-Jan-11	50.29	33.42	48.54	2011	1	14
15-Jan-11	57.04	36.29	56	2011	1	15
16-Jan-11	59.71	40.88	58.71	2011	1	16
17-Jan-11	58.79	48.5	60.58	2011	1	17
18-Jan-11	66.33	54.63	63.96	2011	1	18
19-Jan-11	66.42	54.67	63.63	2011	1	19
20-Jan-11	64.67	51.58	61.79	2011	1	20
21-Jan-11	62.92	48.13	63.71	2011	1	21
22-Jan-11	53.13	37.42	51.42	2011	1	22
23-Jan-11	48.75	36.67	47.63	2011	1	23
24-Jan-11	59.42	43.25	58.71	2011	1	24
25-Jan-11	68	55.17	67.08	2011	1	25
26-Jan-11	62.13	53.83	59.71	2011	1	26
27-Jan-11	52.04	42.71	50.75	2011	1	27
28-Jan-11	55.04	47.54	55.17	2011	1	28
29-Jan-11	57.96	51.17	59.79	2011	1	29
30-Jan-11	59.46	52.58	59.96	2011	1	30
31-Jan-11	63.71	57.5	63.5	2011	1	31
1-Feb-11	68.33	59.67	67.13	2011	2	1
2-Feb-11	71.08	61.25	69.46	2011	2	2

3-Feb-11	66.58	48.29	68.88	2011	2	3
4-Feb-11	67.96	48.38	70.29	2011	2	4
5-Feb-11	68.54	52.63	65.13	2011	2	5
6-Feb-11	59.92	49.08	61.46	2011	2	6
7-Feb-11	64.08	50.42	62.46	2011	2	7
8-Feb-11	53.63	43.5	52.33	2011	2	8
9-Feb-11	58.63	44.21	55.21	2011	2	9
10-Feb-11	59.46	44.92	62.08	2011	2	10
11-Feb-11	53.67	43.92	51.75	2011	2	11
12-Feb-11	50.75	41.54	50.38	2011	2	12
13-Feb-11	52.92	45	52.63	2011	2	13
14-Feb-11	56	48.33	54.54	2011	2	14
15-Feb-11	60.5	52.63	58.92	2011	2	15
16-Feb-11	63.38	53	61.63	2011	2	16
17-Feb-11	65.54	55.79	65.75	2011	2	17
18-Feb-11	68.58	56.88	67.79	2011	2	18
19-Feb-11	67.5	60.38	64.54	2011	2	19
20-Feb-11	66.25	61	67.63	2011	2	20
21-Feb-11	69.75	63.83	68.46	2011	2	21
22-Feb-11	70.79	70	69.83	2011	2	22
23-Feb-11	68.67	65.79	71.54	2011	2	23
24-Feb-11	69.13	60.79	69.83	2011	2	24
25-Feb-11	73.5	69.96	71.29	2011	2	25
26-Feb-11	72.13	62.75	72.04	2011	2	26
27-Feb-11	72.17	63.96	70.83	2011	2	27
28-Feb-11	74.08	68.46	72.71	2011	2	28
1-Mar-11	69.17	65.54	72.04	2011	3	1
2-Mar-11	66.08	61.96	67.46	2011	3	2
3-Mar-11	66.96	64.21	67.63	2011	3	3
4-Mar-11	66	65.79	68.5	2011	3	4
5-Mar-11	68.42	66.38	69.75	2011	3	5
6-Mar-11	69.88	58.29	67.67	2011	3	6
7-Mar-11	59.04	51	61.92	2011	3	7
8-Mar-11	65.75	59.13	66.67	2011	3	8
9-Mar-11	71.17	63.83	72.63	2011	3	9
10-Mar-11	62.46	57.58	62.17	2011	3	10
11-Mar-11	55.83	49.46	55.21	2011	3	11
12-Mar-11	57.67	51.54	58	2011	3	12
13-Mar-11	62.58	56.5	60.58	2011	3	13
14-Mar-11	65.33	58.25	63.88	2011	3	14
15-Mar-11	67.25	61.79	66.67	2011	3	15
16-Mar-11	69.58	66.67	68.25	2011	3	16
17-Mar-11	70.29	61.04	68.71	2011	3	17
18-Mar-11	70.38	63.42	69.96	2011	3	18
19-Mar-11	70.79	64.92	70.54	2011	3	19
20-Mar-11	70.79	68.08	72.67	2011	3	20
21-Mar-11	70.88	70.17	72.38	2011	3	21

22-Mar-11	70.17	68.25	70.58	2011	3	22
23-Mar-11	71.38	72.13	70.29	2011	3	23
24-Mar-11	73.79	73.63	73.54	2011	3	24
25-Mar-11	73.33	63.08	72.79	2011	3	25
26-Mar-11	71.5	67	73.33	2011	3	26
27-Mar-11	76.54	74.54	76.46	2011	3	27
28-Mar-11	67.88	72.04	70.29	2011	3	28
29-Mar-11	71.46	59.5	72.33	2011	3	29
30-Mar-11	72.92	65.58	73.83	2011	3	30
31-Mar-11	67.67	62.54	69.92	2011	3	31
1-Apr-11	68.88	61.58	69.29	2011	4	1
2-Apr-11	69.88	65.29	70.46	2011	4	2
3-Apr-11	72.13	64.79	73.54	2011	4	3
4-Apr-11	76.21	67.71	75.88	2011	4	4
5-Apr-11	69.25	60.42	67.71	2011	4	5
6-Apr-11	64.75	56.88	66.38	2011	4	6
7-Apr-11	71.46	63.67	73.13	2011	4	7
8-Apr-11	76.25	71.96	76.29	2011	4	8
9-Apr-11	78.63	76.46	77.38	2011	4	9
10-Apr-11	79.38	73.08	78.04	2011	4	10
11-Apr-11	80.42	73.21	77.92	2011	4	11
12-Apr-11	77.88	71	76.42	2011	4	12
13-Apr-11	73.79	65.25	73.38	2011	4	13
14-Apr-11	73.17	64.33	74.33	2011	4	14
15-Apr-11	74.96	69.17	77.04	2011	4	15
16-Apr-11	78.67	72.5	77.46	2011	4	16
17-Apr-11	73.67	61.96	71.71	2011	4	17
18-Apr-11	74.33	63.71	74.08	2011	4	18
19-Apr-11	78.42	71.88	78.88	2011	4	19
20-Apr-11	78.33	75.21	79.71	2011	4	20
21-Apr-11	76.42	77.13	78.71	2011	4	21
22-Apr-11	75.67	74.29	77.13	2011	4	22
23-Apr-11	76.42	72.33	78.17	2011	4	23
24-Apr-11	77.29	74.63	76.54	2011	4	24
25-Apr-11	75.58	76.29	76.17	2011	4	25
26-Apr-11	79.88	75.5	78.29	2011	4	26
27-Apr-11	82.79	78	81.04	2011	4	27
28-Apr-11	82	74.21	81.04	2011	4	28
29-Apr-11	75.96	68.04	78.13	2011	4	29
30-Apr-11	72.67	68.46	76.58	2011	4	30
1-May-11	75.5	73.13	78.58	2011	5	1
2-May-11	76.96	75	80.96	2011	5	2
3-May-11	77.08	75.63	78.29	2011	5	3
4-May-11	75.5	68.04	79.38	2011	5	4
5-May-11	72.71	66.71	76.33	2011	5	5
6-May-11	74	71.25	74.46	2011	5	6
7-May-11	75.38	69.38	74.63	2011	5	7

8-May-11	75.92	74.42	74.46	2011	5	8
9-May-11	79	80.13	77.83	2011	5	9
10-May-11	79.42	80.58	80.67	2011	5	10
11-May-11	80.46	79.71	81.38	2011	5	11
12-May-11	80.04	79.88	81.54	2011	5	12
13-May-11	78.63	76.79	80.46	2011	5	13
14-May-11	73.29	72.79	76.96	2011	5	14
15-May-11	74.63	67.67	76.13	2011	5	15
16-May-11	70.58	64	72.04	2011	5	16
17-May-11	71.42	64.33	71.83	2011	5	17
18-May-11	72.38	63.21	71.88	2011	5	18
19-May-11	77.42	69.13	72.67	2011	5	19
20-May-11	80	74.21	78.42	2011	5	20
21-May-11	81.92	75.08	80.79	2011	5	21
22-May-11	82.04	78.96	82.17	2011	5	22
23-May-11	80.17	80	82.54	2011	5	23
24-May-11	79.38	79.96	82.88	2011	5	24
25-May-11	78.92	79.79	80.63	2011	5	25
26-May-11	79.63	78.33	81.71	2011	5	26
27-May-11	79.25	78.25	82.04	2011	5	27
28-May-11	79.42	79.46	82.21	2011	5	28
29-May-11	80.5	81.71	84.08	2011	5	29
30-May-11	79.17	83.83	82.5	2011	5	30
31-May-11	80.38	83.5	83.42	2011	5	31
1-Jun-11	76.13	86.38	76.08	2011	6	1
2-Jun-11	79.29	83.75	80.83	2011	6	2
3-Jun-11	79.83	84.46	82.79	2011	6	3
4-Jun-11	79.46	81.33	83.25	2011	6	4
5-Jun-11	80.79	82.04	81.88	2011	6	5
6-Jun-11	80.08	84.92	81.13	2011	6	6
7-Jun-11	80.38	82.46	83.08	2011	6	7
8-Jun-11	80.29	82.67	83.63	2011	6	8
9-Jun-11	79.67	81.17	82.5	2011	6	9
10-Jun-11	80.71	83.21	83.5	2011	6	10
11-Jun-11	81.38	82.83	83.33	2011	6	11
12-Jun-11	81.96	82.42	84.25	2011	6	12
13-Jun-11	85	84.38	84.08	2011	6	13
14-Jun-11	83.54	88.79	85.42	2011	6	14
15-Jun-11	82	83.88	85.46	2011	6	15
16-Jun-11	82.58	79.04	83	2011	6	16
17-Jun-11	82.79	81.38	85.63	2011	6	17
18-Jun-11	81.21	82.08	85.17	2011	6	18
19-Jun-11	81.29	84.08	84.58	2011	6	19
20-Jun-11	84.08	84.83	86.08	2011	6	20
21-Jun-11	85.29	85.33	86.88	2011	6	21
22-Jun-11	85.46	84.88	86.13	2011	6	22
23-Jun-11	85.21	81.79	85.04	2011	6	23

24-Jun-11	81.67	78.92	83.71	2011	6	24
25-Jun-11	77.79	80.92	82.54	2011	6	25
26-Jun-11	80.75	78.92	79.46	2011	6	26
27-Jun-11	79.92	78.46	81.5	2011	6	27
28-Jun-11	79.71	78.38	79.63	2011	6	28
29-Jun-11	76.75	81.58	80.29	2011	6	29
30-Jun-11	76.46	79.33	78.67	2011	6	30
1-Jul-11	78.29	81.13	79.33	2011	7	1
2-Jul-11	80.92	83.29	81.63	2011	7	2
3-Jul-11	82.04	82.46	82.21	2011	7	3
4-Jul-11	82.42	82.04	82.04	2011	7	4
5-Jul-11	84.21	83.67	82.29	2011	7	5
6-Jul-11	83.92	81.79	85.21	2011	7	6
7-Jul-11	79.08	80.33	81	2011	7	7
8-Jul-11	77.83	79.33	77.88	2011	7	8
9-Jul-11	81.63	80.79	82.54	2011	7	9
10-Jul-11	81.83	82.33	83.88	2011	7	10
11-Jul-11	81.83	80.83	84.13	2011	7	11
12-Jul-11	82.25	82.96	84.38	2011	7	12
13-Jul-11	82.54	84.63	85.92	2011	7	13
14-Jul-11	84.79	82.04	86.29	2011	7	14
15-Jul-11	80.08	79.21	85.17	2011	7	15
16-Jul-11	80.88	77.04	82.75	2011	7	16
17-Jul-11	81.83	78.04	84	2011	7	17
18-Jul-11	80.96	82.17	84.29	2011	7	18
19-Jul-11	80.83	82.5	83.38	2011	7	19
20-Jul-11	83.54	83.92	84.96	2011	7	20
21-Jul-11	84	82.92	85.67	2011	7	21
22-Jul-11	79.5	83.75	83.88	2011	7	22
23-Jul-11	80.25	82.38	82.71	2011	7	23
24-Jul-11	83.83	83.29	85.29	2011	7	24
25-Jul-11	83.58	81.83	86	2011	7	25
26-Jul-11	79.75	79.46	85.33	2011	7	26
27-Jul-11	79.88	79.42	81.42	2011	7	27
28-Jul-11	82.04	80.79	82.88	2011	7	28
29-Jul-11	83.58	82.88	85.54	2011	7	29
30-Jul-11	83.96	86.67	86.29	2011	7	30
31-Jul-11	82.29	86.63	83.04	2011	7	31
1-Aug-11	81.17	80.54	84.29	2011	8	1
2-Aug-11	82.25	84.08	85.79	2011	8	2
3-Aug-11	81.79	86.54	86.13	2011	8	3
4-Aug-11	83.83	87.04	86.83	2011	8	4
5-Aug-11	84.5	86.5	86.25	2011	8	5
6-Aug-11	84.75	85.04	86.04	2011	8	6
7-Aug-11	83.08	82.42	87.79	2011	8	7
8-Aug-11	80.5	80.42	85.17	2011	8	8
9-Aug-11	77.25	81.67	80.33	2011	8	9

10-Aug-11	78.96	82.79	81.88	2011	8	10
11-Aug-11	82.83	84.58	85.79	2011	8	11
12-Aug-11	83.79	83	87.08	2011	8	12
13-Aug-11	82.42	82.92	85.21	2011	8	13
14-Aug-11	81	82.33	86.54	2011	8	14
15-Aug-11	81.79	85.13	86.38	2011	8	15
16-Aug-11	81.29	80.42	85.54	2011	8	16
17-Aug-11	78.88	83.29	83.71	2011	8	17
18-Aug-11	80.38	81.75	82.83	2011	8	18
19-Aug-11	80.13	83.21	82.5	2011	8	19
20-Aug-11	79.29	84.04	81.88	2011	8	20
21-Aug-11	82.38	82.92	83.17	2011	8	21
22-Aug-11	82.42	82.71	84.71	2011	8	22
23-Aug-11	80.54	84.13	84.13	2011	8	23
24-Aug-11	80.58	84.83	82.42	2011	8	24
25-Aug-11	81.38	85.33	83.75	2011	8	25
26-Aug-11	83.38	87.29	85.33	2011	8	26
27-Aug-11	82.33	89.42	88.08	2011	8	27
28-Aug-11	83.88	84	83.71	2011	8	28
29-Aug-11	80.25	82.83	82.42	2011	8	29
30-Aug-11	78.96	82.42	81.96	2011	8	30
31-Aug-11	78.92	80.88	81.38	2011	8	31
1-Sep-11	78.75	82.88	80.75	2011	9	1
2-Sep-11	79.75	81.5	83.13	2011	9	2
3-Sep-11	79.42	79.83	82.29	2011	9	3
4-Sep-11	79.08	75.42	82.5	2011	9	4
5-Sep-11	81.63	79.58	84.54	2011	9	5
6-Sep-11	80.21	73.96	81.67	2011	9	6
7-Sep-11	77.21	70.71	77.88	2011	9	7
8-Sep-11	78.58	68.54	76.96	2011	9	8
9-Sep-11	76.83	71.46	77.17	2011	9	9
10-Sep-11	78.17	75.17	79.17	2011	9	10
11-Sep-11	80.83	76	82.21	2011	9	11
12-Sep-11	81.88	77.25	82.83	2011	9	12
13-Sep-11	80.63	78.5	82.54	2011	9	13
14-Sep-11	79.38	80.04	82.08	2011	9	14
15-Sep-11	79.92	79.25	82.5	2011	9	15
16-Sep-11	81	77.17	82.63	2011	9	16
17-Sep-11	81.04	77.29	83.88	2011	9	17
18-Sep-11	78.21	74.63	81.58	2011	9	18
19-Sep-11	78.67	76.96	81.08	2011	9	19
20-Sep-11	79.92	79.46	82.88	2011	9	20
21-Sep-11	81.5	76.38	83.17	2011	9	21
22-Sep-11	78.46	75.67	80.54	2011	9	22
23-Sep-11	79.67	79	81.13	2011	9	23
24-Sep-11	79.54	79.71	82.54	2011	9	24
25-Sep-11	79.75	80.38	80.46	2011	9	25

26-Sep-11	78.38	81.13	78.92	2011	9	26
27-Sep-11	79.79	80.46	81.08	2011	9	27
28-Sep-11	81.25	75.38	82.46	2011	9	28
29-Sep-11	79.58	76.33	82.67	2011	9	29
30-Sep-11	80.29	76.29	80.75	2011	9	30
1-Oct-11	74.54	67.83	75.13	2011	10	1
2-Oct-11	70.71	61.38	69.96	2011	10	2
3-Oct-11	72.58	62.17	72	2011	10	3
4-Oct-11	73.42	65.08	75.92	2011	10	4
5-Oct-11	74.42	67.88	76.46	2011	10	5
6-Oct-11	74.71	71.83	77.08	2011	10	6
7-Oct-11	73.92	75.92	75.71	2011	10	7
8-Oct-11	69.21	74.17	72.83	2011	10	8
9-Oct-11	72.58	71.83	71.75	2011	10	9
10-Oct-11	74.75	71.04	76.08	2011	10	10
11-Oct-11	77.5	73.96	78.29	2011	10	11
12-Oct-11	77.88	72.21	79.21	2011	10	12
13-Oct-11	77.04	72.83	78.42	2011	10	13
14-Oct-11	75.17	68.42	77.21	2011	10	14
15-Oct-11	72.79	68.71	74.13	2011	10	15
16-Oct-11	75	69.83	76.54	2011	10	16
17-Oct-11	76.08	69.96	77.54	2011	10	17
18-Oct-11	74.25	71.29	76.71	2011	10	18
19-Oct-11	73.42	61.88	75.54	2011	10	19
20-Oct-11	60.67	52.71	65.54	2011	10	20
21-Oct-11	60.54	52.67	63.79	2011	10	21
22-Oct-11	63.71	53.33	64.04	2011	10	22
23-Oct-11	67.75	55.42	67.33	2011	10	23
24-Oct-11	67.08	59.96	68.38	2011	10	24
25-Oct-11	68.58	61.42	70.67	2011	10	25
26-Oct-11	71.67	63.38	73.96	2011	10	26
27-Oct-11	72.54	69.25	74.5	2011	10	27
28-Oct-11	70.92	69.13	72.67	2011	10	28
29-Oct-11	71.21	61.17	72.88	2011	10	29
30-Oct-11	66.67	57.75	68.29	2011	10	30
31-Oct-11	69.21	64.67	70.04	2011	10	31
1-Nov-11	67.08	60.83	67.79	2011	11	1
2-Nov-11	67.25	61.13	69.58	2011	11	2
3-Nov-11	69.29	67.29	70.17	2011	11	3
4-Nov-11	64.08	53.54	64.63	2011	11	4
5-Nov-11	61.5	55.54	63	2011	11	5
6-Nov-11	66.25	62.04	66.92	2011	11	6
7-Nov-11	68.79	67.25	70.96	2011	11	7
8-Nov-11	68.88	68.83	71.42	2011	11	8
9-Nov-11	69.08	64.79	70.63	2011	11	9
10-Nov-11	67.83	56.54	67.83	2011	11	10
11-Nov-11	56.88	47.46	57.96	2011	11	11

12-Nov-11	60.46	45.58	63.29	2011	11	12
13-Nov-11	65.04	55.17	68.63	2011	11	13
14-Nov-11	69.33	60.13	73.5	2011	11	14
15-Nov-11	75.08	65.67	75.13	2011	11	15
16-Nov-11	76.38	73.96	76.17	2011	11	16
17-Nov-11	73.54	65.79	73	2011	11	17
18-Nov-11	66.92	56.13	68.17	2011	11	18
19-Nov-11	71.38	64.29	73.54	2011	11	19
20-Nov-11	71.96	70.54	75.13	2011	11	20
21-Nov-11	71.92	68.79	75.71	2011	11	21
22-Nov-11	73.08	67.33	75.33	2011	11	22
23-Nov-11	70.42	69.13	71.88	2011	11	23
24-Nov-11	66.21	57.83	67.67	2011	11	24
25-Nov-11	66.67	62.21	67.63	2011	11	25
26-Nov-11	69.13	66.71	71.5	2011	11	26
27-Nov-11	70.04	69.46	72.71	2011	11	27
28-Nov-11	68.13	57.88	66.83	2011	11	28
29-Nov-11	60.96	48	65.46	2011	11	29
30-Nov-11	56.46	43.67	58.71	2011	11	30
1-Dec-11	56.33	44.63	57.38	2011	12	1
2-Dec-11	61.38	47.63	63.5	2011	12	2
3-Dec-11	65.29	54.67	66.46	2011	12	3
4-Dec-11	67.04	62.46	69.46	2011	12	4
5-Dec-11	67.46	63	71.29	2011	12	5
6-Dec-11	67.67	66.13	70.29	2011	12	6
7-Dec-11	65.42	58.17	65.08	2011	12	7
8-Dec-11	54.83	43.63	54.42	2011	12	8
9-Dec-11	67.58	48.13	65.42	2011	12	9
10-Dec-11	68.33	51.75	66.42	2011	12	10
11-Dec-11	68.71	51.58	67.71	2011	12	11
12-Dec-11	67.17	51.92	69.5	2011	12	12
13-Dec-11	66.75	57.79	68.46	2011	12	13
14-Dec-11	66.04	56.63	68.54	2011	12	14
15-Dec-11	66.25	58.54	68.83	2011	12	15
16-Dec-11	68.63	58.83	71.46	2011	12	16
17-Dec-11	67	61.08	68.21	2011	12	17
18-Dec-11	59.42	48.58	61.08	2011	12	18
19-Dec-11	61.75	50.75	64.46	2011	12	19
20-Dec-11	65.63	60.75	69.29	2011	12	20
21-Dec-11	67.54	66.92	70.67	2011	12	21
22-Dec-11	67.79	70.29	71.33	2011	12	22
23-Dec-11	71.08	64.38	72.17	2011	12	23
24-Dec-11	69.17	58.25	72.54	2011	12	24
25-Dec-11	70.42	63.08	71.42	2011	12	25
26-Dec-11	66.83	61.42	69.08	2011	12	26
27-Dec-11	67.29	59.54	67.67	2011	12	27
28-Dec-11	53.42	45.79	56.13	2011	12	28

29-Dec-11	52.75	50	56.42	2011	12	29
30-Dec-11	59.63	57.83	62.67	2011	12	30
31-Dec-11	64.54	58.79	67.25	2011	12	31
1-Jan-12	64.33	60.25	65.58	2012	1	1
2-Jan-12	58.54	51	60.67	2012	1	2
3-Jan-12	42.96	37.58	47.08	2012	1	3
4-Jan-12	43	35.04	44.13	2012	1	4
5-Jan-12	50.83	46.75	52.63	2012	1	5
6-Jan-12	55.54	51.33	59.38	2012	1	6
7-Jan-12	57.88	58.33	62.58	2012	1	7
8-Jan-12	61.17	59.29	64.08	2012	1	8
9-Jan-12	63.83	59.21	67.13	2012	1	9
10-Jan-12	65.38	58.67	68.33	2012	1	10
11-Jan-12	64.71	61.92	67.46	2012	1	11
12-Jan-12	64	56.71	67.29	2012	1	12
13-Jan-12	56.38	42.92	56	2012	1	13
14-Jan-12	47.83	40.33	50.58	2012	1	14
15-Jan-12	51	44.04	54.17	2012	1	15
16-Jan-12	57.21	47.21	59.92	2012	1	16
17-Jan-12	62.25	55.21	63.04	2012	1	17
18-Jan-12	62.71	58.29	63.25	2012	1	18
19-Jan-12	59.08	45.96	59.79	2012	1	19
20-Jan-12	59.92	54.67	63.75	2012	1	20
21-Jan-12	62.96	64	65.83	2012	1	21
22-Jan-12	63.17	67.04	66.17	2012	1	22
23-Jan-12	66.79	67.46	68.13	2012	1	23
24-Jan-12	69.17	67.79	69.63	2012	1	24
25-Jan-12	68.29	64.58	72.75	2012	1	25
26-Jan-12	71.29	66.29	71.33	2012	1	26
27-Jan-12	67.71	60	67.29	2012	1	27
28-Jan-12	60.25	50.83	61.5	2012	1	28
29-Jan-12	60.92	50.88	62.54	2012	1	29
30-Jan-12	59.38	45.96	62.79	2012	1	30
31-Jan-12	62.25	53.25	66.75	2012	1	31
1-Feb-12	66.21	57.58	68.25	2012	2	1
2-Feb-12	68.54	63	69.13	2012	2	2
3-Feb-12	67.29	63.79	70.71	2012	2	3
4-Feb-12	69.33	65.92	72.58	2012	2	4
5-Feb-12	70.5	64.79	71.83	2012	2	5
6-Feb-12	69.13	65.17	72.67	2012	2	6
7-Feb-12	66.33	60.75	67.67	2012	2	7
8-Feb-12	64.92	55.29	66.08	2012	2	8
9-Feb-12	62.58	51.08	64.67	2012	2	9
10-Feb-12	67.58	50.96	66.46	2012	2	10
11-Feb-12	60.13	49.17	59.5	2012	2	11
12-Feb-12	42.96	36.38	44.42	2012	2	12
13-Feb-12	50.29	38.04	50.5	2012	2	13

14-Feb-12	63.42	49.88	63.25	2012	2	14
15-Feb-12	68.54	61.67	69.29	2012	2	15
16-Feb-12	71.17	66.25	70.54	2012	2	16
17-Feb-12	68.83	65.38	68.79	2012	2	17
18-Feb-12	70.04	65.21	69.71	2012	2	18
19-Feb-12	71.67	66.88	70.5	2012	2	19
20-Feb-12	60.08	53.71	63.08	2012	2	20
21-Feb-12	63.08	56.17	63.75	2012	2	21
22-Feb-12	67.58	60.63	68.5	2012	2	22
23-Feb-12	73.33	72.96	71.92	2012	2	23
24-Feb-12	74.92	71.83	74.04	2012	2	24
25-Feb-12	64.13	53	66.96	2012	2	25
26-Feb-12	63.13	49.92	63.33	2012	2	26
27-Feb-12	71.29	58.38	73.67	2012	2	27
28-Feb-12	69.63	64.21	74.17	2012	2	28
29-Feb-12	73.25	66.88	72.63	2012	2	29
1-Mar-12	76	73.08	72.54	2012	3	1
2-Mar-12	73.21	70.92	73.71	2012	3	2
3-Mar-12	75.75	68.17	75.67	2012	3	3
4-Mar-12	64.46	52.54	64.13	2012	3	4
5-Mar-12	59.92	55.67	60.79	2012	3	5
6-Mar-12	63.5	62.17	66.04	2012	3	6
7-Mar-12	68.29	65.42	70.67	2012	3	7
8-Mar-12	70.54	66.83	74	2012	3	8
9-Mar-12	73.17	66.21	73.71	2012	3	9
10-Mar-12	71.46	66.25	71.13	2012	3	10
11-Mar-12	67.33	66.38	72.21	2012	3	11
12-Mar-12	69.75	67.38	73.83	2012	3	12
13-Mar-12	69.08	65.75	72.75	2012	3	13
14-Mar-12	70.67	68.83	74.71	2012	3	14
15-Mar-12	71.04	71.08	75.21	2012	3	15
16-Mar-12	70.96	69.38	74.96	2012	3	16
17-Mar-12	70.13	72.42	75	2012	3	17
18-Mar-12	70.75	72.58	75.08	2012	3	18
19-Mar-12	70.71	70.83	75.42	2012	3	19
20-Mar-12	71.63	71.21	75.75	2012	3	20
21-Mar-12	72.04	72.88	75.08	2012	3	21
22-Mar-12	73.46	72.25	76.58	2012	3	22
23-Mar-12	73.17	73.96	76.21	2012	3	23
24-Mar-12	73.88	74.54	75.75	2012	3	24
25-Mar-12	74.58	67.75	74.96	2012	3	25
26-Mar-12	70.5	67.29	73.04	2012	3	26
27-Mar-12	71.04	69.46	75.25	2012	3	27
28-Mar-12	71.46	68.79	74.67	2012	3	28
29-Mar-12	72.29	67.96	74.79	2012	3	29
30-Mar-12	73.08	70.13	75.58	2012	3	30
31-Mar-12	71.58	70.25	74.58	2012	3	31

1-Apr-12	74.75	74.88	75.13	2012	4	1
2-Apr-12	77.08	75.92	75.38	2012	4	2
3-Apr-12	78.25	70.96	76.83	2012	4	3
4-Apr-12	77.67	70.79	76.67	2012	4	4
5-Apr-12	76.21	69.96	75.13	2012	4	5
6-Apr-12	73.5	67.5	76	2012	4	6
7-Apr-12	69.46	64.38	71.29	2012	4	7
8-Apr-12	69	65.42	71.13	2012	4	8
9-Apr-12	69.38	69	72.42	2012	4	9
10-Apr-12	73.29	68.83	74.21	2012	4	10
11-Apr-12	74.08	67.38	75.04	2012	4	11
12-Apr-12	72.25	63	74.17	2012	4	12
13-Apr-12	72.46	66.63	74.17	2012	4	13
14-Apr-12	70.33	70.42	74.25	2012	4	14
15-Apr-12	72.04	70.58	75.92	2012	4	15
16-Apr-12	72.04	71.71	76.42	2012	4	16
17-Apr-12	72	71.54	76.58	2012	4	17
18-Apr-12	74.42	69.21	76.83	2012	4	18
19-Apr-12	73.42	72.75	75.29	2012	4	19
20-Apr-12	71.25	70.54	77.38	2012	4	20
21-Apr-12	70.75	67.17	71.88	2012	4	21
22-Apr-12	69.46	67.92	70.17	2012	4	22
23-Apr-12	65.38	59.58	68.67	2012	4	23
24-Apr-12	62.29	60.25	63.83	2012	4	24
25-Apr-12	65.04	66.04	67.67	2012	4	25
26-Apr-12	71.04	70.75	72.5	2012	4	26
27-Apr-12	73.96	71.17	74.17	2012	4	27
28-Apr-12	75.25	71.17	77.04	2012	4	28
29-Apr-12	75.96	77.21	79.63	2012	4	29
30-Apr-12	76.75	80.08	79.33	2012	4	30
1-May-12	76.96	79.04	80.25	2012	5	1
2-May-12	76.79	78.04	80.75	2012	5	2
3-May-12	77.13	76.75	79.5	2012	5	3
4-May-12	76.17	77.33	79.38	2012	5	4
5-May-12	77.96	75.96	79.08	2012	5	5
6-May-12	79.71	74.5	79.21	2012	5	6
7-May-12	76.17	74.83	78.25	2012	5	7
8-May-12	75.25	75.38	78.08	2012	5	8
9-May-12	76.42	73.92	80.38	2012	5	9
10-May-12	76.92	71.17	78.21	2012	5	10
11-May-12	75.83	71.5	79.58	2012	5	11
12-May-12	75.04	75.79	80.13	2012	5	12
13-May-12	74.42	72.75	78.83	2012	5	13
14-May-12	75.58	73.33	80.46	2012	5	14
15-May-12	76.5	74.25	80.58	2012	5	15
16-May-12	72.08	73.54	74.83	2012	5	16
17-May-12	76.42	75.08	77.75	2012	5	17

18-May-12	76.33	75.25	79.46	2012	5	18
19-May-12	76.67	75.96	79.92	2012	5	19
20-May-12	76.33	73.04	78.42	2012	5	20
21-May-12	76.08	75.33	79	2012	5	21
22-May-12	78.88	75.88	79.54	2012	5	22
23-May-12	78.79	77	81.08	2012	5	23
24-May-12	79.25	80.5	83.08	2012	5	24
25-May-12	81.63	83.96	85.04	2012	5	25
26-May-12	80.54	85.58	83.83	2012	5	26
27-May-12	80.17	84.79	83.79	2012	5	27
28-May-12	76	79.54	82.25	2012	5	28
29-May-12	75.33	81.67	80	2012	5	29
30-May-12	82.42	82	82.33	2012	5	30
31-May-12	79.29	77.79	82.63	2012	5	31
1-Jun-12	73.42	76.63	77.29	2012	6	1
2-Jun-12	79.96	77.17	80.92	2012	6	2
3-Jun-12	80.25	78.96	81.46	2012	6	3
4-Jun-12	81.25	83.04	81.75	2012	6	4
5-Jun-12	78.25	81.13	79.5	2012	6	5
6-Jun-12	75.92	78.13	78.46	2012	6	6
7-Jun-12	75.29	77.38	77	2012	6	7
8-Jun-12	76.63	74.29	76.25	2012	6	8
9-Jun-12	76.71	73.29	79.5	2012	6	9
10-Jun-12	80.17	78.42	83.13	2012	6	10
11-Jun-12	79.54	81.5	83.33	2012	6	11
12-Jun-12	77.92	82.67	82.33	2012	6	12
13-Jun-12	79.96	80.96	83.17	2012	6	13
14-Jun-12	77.83	76.54	81.96	2012	6	14
15-Jun-12	78.71	78.83	79.38	2012	6	15
16-Jun-12	79.08	78.79	81.63	2012	6	16
17-Jun-12	78	78	81.25	2012	6	17
18-Jun-12	77.58	78.04	81.25	2012	6	18
19-Jun-12	77.5	80.67	79.75	2012	6	19
20-Jun-12	76.75	81.17	78.13	2012	6	20
21-Jun-12	79.79	81.38	79.67	2012	6	21
22-Jun-12	78.25	82.54	79.63	2012	6	22
23-Jun-12	78.21	80.5	77.46	2012	6	23
24-Jun-12	75.79	75.38	77.21	2012	6	24
25-Jun-12	78.63	74.67	79.88	2012	6	25
26-Jun-12	79.92	77.58	80.25	2012	6	26
27-Jun-12	77.96	77.96	79.21	2012	6	27
28-Jun-12	78.63	78.58	80.54	2012	6	28
29-Jun-12	80.67	82.63	79.96	2012	6	29
30-Jun-12	81.04	84.54	81.29	2012	6	30
1-Jul-12	81.88	85.58	83	2012	7	1
2-Jul-12	83.92	83.33	83.13	2012	7	2
3-Jul-12	83.04	80.96	83.46	2012	7	3

4-Jul-12	79.79	77.88	83.08	2012	7	4
5-Jul-12	82.25	81.75	82.46	2012	7	5
6-Jul-12	82.75	83.58	83.17	2012	7	6
7-Jul-12	83.67	79.83	83.92	2012	7	7
8-Jul-12	83.5	82.79	84.42	2012	7	8
9-Jul-12	82.79	81.75	83.67	2012	7	9
10-Jul-12	80.92	79.54	80.42	2012	7	10
11-Jul-12	76.83	79.92	77.71	2012	7	11
12-Jul-12	79.25	78.04	78.92	2012	7	12
13-Jul-12	81.25	82.13	81.46	2012	7	13
14-Jul-12	82.5	83.21	83.21	2012	7	14
15-Jul-12	78.75	83.75	79.71	2012	7	15
16-Jul-12	77.17	84.83	79.42	2012	7	16
17-Jul-12	77.54	79.38	78.08	2012	7	17
18-Jul-12	80	78.17	78.29	2012	7	18
19-Jul-12	80.63	78.5	83.08	2012	7	19
20-Jul-12	82.33	79.29	84.58	2012	7	20
21-Jul-12	83.96	81.83	82.67	2012	7	21
22-Jul-12	80.5	81.54	79.75	2012	7	22
23-Jul-12	78.33	80.63	79.04	2012	7	23
24-Jul-12	79.58	82.83	80.96	2012	7	24
25-Jul-12	83.46	82.13	84.25	2012	7	25
26-Jul-12	84.46	78.63	84.13	2012	7	26
27-Jul-12	84.17	78.46	84.67	2012	7	27
28-Jul-12	84.38	81.67	84.21	2012	7	28
29-Jul-12	84.71	81.21	84.79	2012	7	29
30-Jul-12	80.67	81.79	83.25	2012	7	30
31-Jul-12	80.42	76.92	80.58	2012	7	31
1-Aug-12	79.04	82.38	82.83	2012	8	1
2-Aug-12	83.96	82.38	84.21	2012	8	2
3-Aug-12	79.96	81.13	82.46	2012	8	3
4-Aug-12	81.04	82.08	83.25	2012	8	4
5-Aug-12	80.79	79.46	82.58	2012	8	5
6-Aug-12	80.38	78.42	80.92	2012	8	6
7-Aug-12	79.79	78.83	82.25	2012	8	7
8-Aug-12	81.46	79.25	85.08	2012	8	8
9-Aug-12	82.25	77.71	85.38	2012	8	9
10-Aug-12	81.67	77.38	83.08	2012	8	10
11-Aug-12	80.13	77.5	82.5	2012	8	11
12-Aug-12	79.25	83.29	80.92	2012	8	12
13-Aug-12	80.88	81.17	82.88	2012	8	13
14-Aug-12	79.79	78.67	83.63	2012	8	14
15-Aug-12	81.58	78.88	83.75	2012	8	15
16-Aug-12	80.75	80.71	85.04	2012	8	16
17-Aug-12	79.54	78.25	83.04	2012	8	17
18-Aug-12	77.92	79.63	80.17	2012	8	18
19-Aug-12	80.83	78.17	82.88	2012	8	19

20-Aug-12	81.96	73.63	83.54	2012	8	20
21-Aug-12	77.08	75.63	79.42	2012	8	21
22-Aug-12	76.04	77.33	76.75	2012	8	22
23-Aug-12	79.42	75.21	80.92	2012	8	23
24-Aug-12	80.17	78.92	82.63	2012	8	24
25-Aug-12	79.33	80.42	80.54	2012	8	25
26-Aug-12	79.29	81.04	79.08	2012	8	26
27-Aug-12	77.54	80.29	79.83	2012	8	27
28-Aug-12	79.63	82.42	83.46	2012	8	28
29-Aug-12	81	79.13	81.88	2012	8	29
30-Aug-12	81.79	81.21	83	2012	8	30
31-Aug-12	82.13	81.42	84.67	2012	8	31
1-Sep-12	82.58	82.08	85.29	2012	9	1
2-Sep-12	80.42	82.63	82.5	2012	9	2
3-Sep-12	80.58	81.13	82.17	2012	9	3
4-Sep-12	80.96	77.75	82.67	2012	9	4
5-Sep-12	79.33	77.17	82.79	2012	9	5
6-Sep-12	77	80.75	79.58	2012	9	6
7-Sep-12	78.25	80.83	81	2012	9	7
8-Sep-12	81.21	78.25	83.25	2012	9	8
9-Sep-12	78.63	78.04	80.33	2012	9	9
10-Sep-12	80.33	74.79	81.79	2012	9	10
11-Sep-12	79.71	78.5	81.29	2012	9	11
12-Sep-12	78.67	78.83	80.67	2012	9	12
13-Sep-12	79.83	79.71	81.33	2012	9	13
14-Sep-12	77.54	78.92	81.33	2012	9	14
15-Sep-12	78.54	80.21	81.17	2012	9	15
16-Sep-12	79.5	79.17	79.67	2012	9	16
17-Sep-12	78.92	77.21	80.88	2012	9	17
18-Sep-12	76.21	74.88	77.88	2012	9	18
19-Sep-12	76.54	75.21	81.17	2012	9	19
20-Sep-12	79.04	74.54	79.67	2012	9	20
21-Sep-12	77.25	75.17	78.67	2012	9	21
22-Sep-12	78.29	78.25	78.75	2012	9	22
23-Sep-12	80.54	75.83	81.5	2012	9	23
24-Sep-12	76.96	71.25	77.75	2012	9	24
25-Sep-12	76.25	72.5	77.13	2012	9	25
26-Sep-12	79.13	78.21	79.46	2012	9	26
27-Sep-12	80.67	79.67	81	2012	9	27
28-Sep-12	78.92	79.58	80.29	2012	9	28
29-Sep-12	79.71	77	80.58	2012	9	29
30-Sep-12	79.88	76.25	81.38	2012	9	30
1-Oct-12	79.42	78.92	81.75	2012	10	1
2-Oct-12	77.96	77.08	80.25	2012	10	2
3-Oct-12	77.83	71.71	76.96	2012	10	3
4-Oct-12	79.83	74.54	78.25	2012	10	4
5-Oct-12	77.92	77.46	78.58	2012	10	5

6-Oct-12	78.54	78.5	79.13	2012	10	6
7-Oct-12	77.96	77.08	78.71	2012	10	7
8-Oct-12	77.92	71.88	77.75	2012	10	8
9-Oct-12	76.83	68.29	77.88	2012	10	9
10-Oct-12	75.67	69.63	77.33	2012	10	10
11-Oct-12	74.46	69.58	76.58	2012	10	11
12-Oct-12	74.67	70.67	76.67	2012	10	12
13-Oct-12	75.79	74.88	76.79	2012	10	13
14-Oct-12	78.25	75.08	79.58	2012	10	14
15-Oct-12	77.25	74.92	78.63	2012	10	15
16-Oct-12	75.92	66.63	76.67	2012	10	16
17-Oct-12	73.5	67	73.88	2012	10	17
18-Oct-12	77.08	68.71	76.83	2012	10	18
19-Oct-12	77.33	69.25	77.96	2012	10	19
20-Oct-12	74.75	61.17	75.25	2012	10	20
21-Oct-12	70.54	62.79	72.08	2012	10	21
22-Oct-12	73	66.33	74.67	2012	10	22
23-Oct-12	74.21	69.46	75.25	2012	10	23
24-Oct-12	76.46	72.17	77.08	2012	10	24
25-Oct-12	76.13	74.67	76.71	2012	10	25
26-Oct-12	76	75	77.42	2012	10	26
27-Oct-12	70.25	68.79	73.13	2012	10	27
28-Oct-12	67.08	56.63	69.17	2012	10	28
29-Oct-12	58.88	54.38	62	2012	10	29
30-Oct-12	57.13	52.88	61.96	2012	10	30
31-Oct-12	59.29	57.54	64.79	2012	10	31
1-Nov-12	67	60.88	68.42	2012	11	1
2-Nov-12	65.38	60.88	66.71	2012	11	2
3-Nov-12	68.17	71	69.67	2012	11	3
4-Nov-12	68.46	68.42	69.46	2012	11	4
5-Nov-12	69.29	62.71	71.29	2012	11	5
6-Nov-12	66.79	58.42	67.38	2012	11	6
7-Nov-12	59.67	51.88	60.96	2012	11	7
8-Nov-12	57.04	51.25	58.04	2012	11	8
9-Nov-12	58.83	51.04	61.21	2012	11	9
10-Nov-12	63.21	53.21	65.54	2012	11	10
11-Nov-12	68.92	59.79	69.21	2012	11	11
12-Nov-12	70	65.88	72.38	2012	11	12
13-Nov-12	70.04	63.5	72.38	2012	11	13
14-Nov-12	68.38	59.88	68.79	2012	11	14
15-Nov-12	64.04	55.38	66.42	2012	11	15
16-Nov-12	62.38	51.38	61.88	2012	11	16
17-Nov-12	67.25	55.25	66.17	2012	11	17
18-Nov-12	64.38	60.21	65.04	2012	11	18
19-Nov-12	57.25	57.58	60.04	2012	11	19
20-Nov-12	62.38	62.5	64.25	2012	11	20
21-Nov-12	61.92	60	63.5	2012	11	21

22-Nov-12	59.04	53.79	61	2012	11	22
23-Nov-12	57.38	54.5	59.83	2012	11	23
24-Nov-12	58.96	55.29	60.92	2012	11	24
25-Nov-12	57.25	46.42	56.83	2012	11	25
26-Nov-12	61.58	49.21	61.75	2012	11	26
27-Nov-12	67.25	57.33	67.46	2012	11	27
28-Nov-12	62.29	54.63	66.29	2012	11	28
29-Nov-12	63.25	55.71	64.96	2012	11	29
30-Nov-12	64.96	58.96	67.75	2012	11	30
1-Dec-12	65.96	59.79	67.67	2012	12	1
2-Dec-12	68.46	60.92	70.92	2012	12	2
3-Dec-12	69.67	61.21	71.5	2012	12	3
4-Dec-12	66.79	61.75	69.67	2012	12	4
5-Dec-12	67.67	61.42	68.46	2012	12	5
6-Dec-12	68.96	65.88	70.88	2012	12	6
7-Dec-12	67.63	63.63	67.96	2012	12	7
8-Dec-12	69.83	60.88	70.83	2012	12	8
9-Dec-12	72.58	67.21	69.17	2012	12	9
10-Dec-12	73.04	67.58	69.67	2012	12	10
11-Dec-12	72.88	61.42	72.13	2012	12	11
12-Dec-12	71.46	51.25	72.88	2012	12	12
13-Dec-12	61.71	50.29	64.04	2012	12	13
14-Dec-12	62.13	50.04	58.63	2012	12	14
15-Dec-12	66.21	54.04	64.92	2012	12	15
16-Dec-12	69.25	61.58	69.04	2012	12	16
17-Dec-12	70.54	66.46	70.5	2012	12	17
18-Dec-12	71.04	59.58	70.13	2012	12	18
19-Dec-12	63.08	51.33	62.75	2012	12	19
20-Dec-12	68.21	56.71	69.13	2012	12	20
21-Dec-12	56.67	47	57.25	2012	12	21
22-Dec-12	49.33	40.04	51.13	2012	12	22
23-Dec-12	51.54	44.5	53.04	2012	12	23
24-Dec-12	60.13	56.5	60.96	2012	12	24
25-Dec-12	64	61.54	66.04	2012	12	25
26-Dec-12	66.08	56.38	65.75	2012	12	26
27-Dec-12	49.38	43.58	51.83	2012	12	27
28-Dec-12	56.29	47.13	56.96	2012	12	28
29-Dec-12	68	54.42	65.75	2012	12	29
30-Dec-12	48.67	41.29	48.46	2012	12	30
31-Dec-12	59.29	46.54	57.42	2012	12	31
1-Jan-13	64.04	59	65.96	2013	1	1
2-Jan-13	67.5	63.92	67.71	2013	1	2
3-Jan-13	64.88	52.08	65.88	2013	1	3
4-Jan-13	58	47.13	58.38	2013	1	4
5-Jan-13	63.58	50.17	63.92	2013	1	5
6-Jan-13	68.88	51.33	67.63	2013	1	6
7-Jan-13	64.29	52.04	63.08	2013	1	7

8-Jan-13	71.17	60.88	71.25	2013	1	8
9-Jan-13	72.79	67.67	76.21	2013	1	9
10-Jan-13	71.33	70.63	75.67	2013	1	10
11-Jan-13	70.96	69	73.96	2013	1	11
12-Jan-13	69.5	63.96	73.75	2013	1	12
13-Jan-13	69.67	66.58	72.46	2013	1	13
14-Jan-13	69.79	68.25	71.67	2013	1	14
15-Jan-13	70.71	65.21	70.58	2013	1	15
16-Jan-13	69.75	69.54	71.63	2013	1	16
17-Jan-13	64.54	56.79	63.92	2013	1	17
18-Jan-13	54.54	51.08	53.58	2013	1	18
19-Jan-13	64.54	56.71	64.33	2013	1	19
20-Jan-13	64.29	57.33	66.71	2013	1	20
21-Jan-13	65.08	52.33	65.96	2013	1	21
22-Jan-13	58.75	49.63	59.92	2013	1	22
23-Jan-13	55.46	46.38	57.42	2013	1	23
24-Jan-13	58.29	55.21	58.71	2013	1	24
25-Jan-13	61.13	59.54	61.21	2013	1	25
26-Jan-13	60.38	62.08	62.67	2013	1	26
27-Jan-13	64.54	63.54	66.54	2013	1	27
28-Jan-13	69.29	63.79	71.08	2013	1	28
29-Jan-13	70.67	67.54	71.38	2013	1	29
30-Jan-13	72.79	68.79	72.25	2013	1	30
31-Jan-13	59.54	48.79	57	2013	1	31
1-Feb-13	54.46	44.46	54.54	2013	2	1
2-Feb-13	56.46	45.38	55.96	2013	2	2
3-Feb-13	57.04	51.08	56.46	2013	2	3
4-Feb-13	55.17	49.25	56.08	2013	2	4
5-Feb-13	59.46	56.42	60.46	2013	2	5
6-Feb-13	67.54	63.38	67.5	2013	2	6
7-Feb-13	72.42	63.21	69.21	2013	2	7
8-Feb-13	70.63	59.67	66.46	2013	2	8
9-Feb-13	63.79	55.67	64	2013	2	9
10-Feb-13	66.38	60.71	68.67	2013	2	10
11-Feb-13	69.54	68.71	69.75	2013	2	11
12-Feb-13	72.21	65.75	70.83	2013	2	12
13-Feb-13	73.46	68.92	71.13	2013	2	13
14-Feb-13	63.42	47.75	62.17	2013	2	14
15-Feb-13	59.5	47.58	58.79	2013	2	15
16-Feb-13	58.58	47.17	57.88	2013	2	16
17-Feb-13	46	38.63	47.33	2013	2	17
18-Feb-13	51.21	42.58	53.96	2013	2	18
19-Feb-13	63.33	53.21	64.88	2013	2	19
20-Feb-13	65.17	49.38	66.13	2013	2	20
21-Feb-13	69.54	54.17	68.33	2013	2	21
22-Feb-13	72.88	64.54	72	2013	2	22
23-Feb-13	76.67	69.96	73.04	2013	2	23

24-Feb-13	70.42	64.42	71.67	2013	2	24
25-Feb-13	72.04	59.08	73.67	2013	2	25
26-Feb-13	71.75	65.92	71.75	2013	2	26
27-Feb-13	66.58	56.04	65.21	2013	2	27
28-Feb-13	61.58	52.83	62.92	2013	2	28
1-Mar-13	56.46	47.54	56.67	2013	3	1
2-Mar-13	52.13	42.88	53.54	2013	3	2
3-Mar-13	45.71	42.33	47.58	2013	3	3
4-Mar-13	48.92	45.17	51.92	2013	3	4
5-Mar-13	59.46	59.04	59.38	2013	3	5
6-Mar-13	60.38	49.88	58.79	2013	3	6
7-Mar-13	53.88	47.63	52.38	2013	3	7
8-Mar-13	58.17	52.25	57.75	2013	3	8
9-Mar-13	61.54	56.33	63.17	2013	3	9
10-Mar-13	65.83	62.67	67.75	2013	3	10
11-Mar-13	67.38	62.25	68.67	2013	3	11
12-Mar-13	66.13	56.25	63.75	2013	3	12
13-Mar-13	62.13	56.08	61	2013	3	13
14-Mar-13	56.67	49.29	56.96	2013	3	14
15-Mar-13	56.71	53.92	57.38	2013	3	15
16-Mar-13	61.75	60.13	61.71	2013	3	16
17-Mar-13	63.67	60.38	65.33	2013	3	17
18-Mar-13	70.92	68	68.83	2013	3	18
19-Mar-13	73.38	66.25	70.13	2013	3	19
20-Mar-13	69.04	61.04	66.79	2013	3	20
21-Mar-13	60.92	53.08	58.88	2013	3	21
22-Mar-13	62.25	58.67	61.42	2013	3	22
23-Mar-13	73.54	60.88	70.96	2013	3	23
24-Mar-13	72.54	74.13	73.29	2013	3	24
25-Mar-13	65.5	54.25	62.58	2013	3	25
26-Mar-13	53.79	47.29	52.92	2013	3	26
27-Mar-13	51.63	46.17	50.08	2013	3	27
28-Mar-13	56.96	51.46	56.33	2013	3	28
29-Mar-13	60	56.33	61.29	2013	3	29
30-Mar-13	63.67	58.67	64.33	2013	3	30
31-Mar-13	69.96	66	68.33	2013	3	31
1-Apr-13	72.92	70.54	72.04	2013	4	1
2-Apr-13	71.83	65.79	71.83	2013	4	2
3-Apr-13	72	62.17	73.88	2013	4	3
4-Apr-13	70.33	69.25	70.58	2013	4	4
5-Apr-13	67.96	57.13	67.75	2013	4	5
6-Apr-13	65.58	59.83	65.54	2013	4	6
7-Apr-13	69.04	65.79	70.79	2013	4	7
8-Apr-13	71.13	67.71	74.79	2013	4	8
9-Apr-13	72.25	69.13	75.75	2013	4	9
10-Apr-13	73.46	71.21	76.13	2013	4	10
11-Apr-13	78.67	70.71	78.38	2013	4	11

12-Apr-13	78.42	73.79	76.17	2013	4	12
13-Apr-13	76.21	67.33	75.67	2013	4	13
14-Apr-13	75.79	62.67	75.63	2013	4	14
15-Apr-13	75.67	70.29	77.5	2013	4	15
16-Apr-13	76.71	77	81	2013	4	16
17-Apr-13	74.17	75.21	78.42	2013	4	17
18-Apr-13	76.75	73.67	79.04	2013	4	18
19-Apr-13	79.58	67.88	79.29	2013	4	19
20-Apr-13	69.21	57.46	69.17	2013	4	20
21-Apr-13	69.46	62.96	70.5	2013	4	21
22-Apr-13	70.54	65.67	72.25	2013	4	22
23-Apr-13	71.25	67.21	74.5	2013	4	23
24-Apr-13	71.5	69.21	73.42	2013	4	24
25-Apr-13	74.13	70.04	75.38	2013	4	25
26-Apr-13	75.08	70.96	77.29	2013	4	26
27-Apr-13	74.46	71.58	77.75	2013	4	27
28-Apr-13	73.21	72.42	77.54	2013	4	28
29-Apr-13	74.75	67.13	77.58	2013	4	29
30-Apr-13	74.29	71.92	76.38	2013	4	30
1-May-13	72.58	69.79	71.54	2013	5	1
2-May-13	70.54	70.58	72.04	2013	5	2
3-May-13	73.04	68.88	75	2013	5	3
4-May-13	74.04	64.25	73.83	2013	5	4
5-May-13	70.38	61.67	70.17	2013	5	5
6-May-13	69.13	59.75	69.38	2013	5	6
7-May-13	68.25	66.58	70.5	2013	5	7
8-May-13	72.17	68.25	72.17	2013	5	8
9-May-13	73.46	71.38	74.17	2013	5	9
10-May-13	77.25	71.04	77.96	2013	5	10
11-May-13	76.75	71.67	78.92	2013	5	11
12-May-13	78.04	73.5	78.38	2013	5	12
13-May-13	74.63	67.71	75.08	2013	5	13
14-May-13	71.5	66.04	72.92	2013	5	14
15-May-13	72.58	70.17	75.88	2013	5	15
16-May-13	73.88	71.33	76.75	2013	5	16
17-May-13	75.54	73.92	78.58	2013	5	17
18-May-13	78.25	73.5	79.67	2013	5	18
19-May-13	76.38	77.25	80.04	2013	5	19
20-May-13	77.08	79.96	79.42	2013	5	20
21-May-13	73.42	79.5	75.96	2013	5	21
22-May-13	74.75	78.33	78	2013	5	22
23-May-13	77.5	81.17	80	2013	5	23
24-May-13	80.17	80.67	82.63	2013	5	24
25-May-13	77.04	74.29	82	2013	5	25
26-May-13	73.42	74.33	78.13	2013	5	26
27-May-13	75.33	76.42	78.75	2013	5	27
28-May-13	77.46	78.71	79.29	2013	5	28

29-May-13	76.13	79.63	79.71	2013	5	29
30-May-13	78.33	79.63	81.08	2013	5	30
31-May-13	78.08	80.58	81.08	2013	5	31
1-Jun-13	79.33	80.17	79.5	2013	6	1
2-Jun-13	79.92	82.08	79.71	2013	6	2
3-Jun-13	79.5	80.5	80.46	2013	6	3
4-Jun-13	77.83	78.79	79.04	2013	6	4
5-Jun-13	76.04	77.42	79.67	2013	6	5
6-Jun-13	75.46	72.79	77.17	2013	6	6
7-Jun-13	79.54	80.04	80.63	2013	6	7
8-Jun-13	77.42	80.33	79.5	2013	6	8
9-Jun-13	79.42	78.75	80.17	2013	6	9
10-Jun-13	80.08	80.63	81.83	2013	6	10
11-Jun-13	78.63	81.38	81.83	2013	6	11
12-Jun-13	81.08	84.42	83.71	2013	6	12
13-Jun-13	81.88	86.54	83.54	2013	6	13
14-Jun-13	82.92	86.42	82.75	2013	6	14
15-Jun-13	81.25	84.04	80.71	2013	6	15
16-Jun-13	81	81.54	81.25	2013	6	16
17-Jun-13	80.33	82.67	84.54	2013	6	17
18-Jun-13	81.5	82.71	84.75	2013	6	18
19-Jun-13	82.21	83.29	83.63	2013	6	19
20-Jun-13	79.5	79.33	83.17	2013	6	20
21-Jun-13	78.46	78.92	79.88	2013	6	21
22-Jun-13	81.63	79.21	77.67	2013	6	22
23-Jun-13	79.13	80.21	78.38	2013	6	23
24-Jun-13	81.54	79.79	80.13	2013	6	24
25-Jun-13	81.75	80.33	80.46	2013	6	25
26-Jun-13	79.71	82.5	79.79	2013	6	26
27-Jun-13	79.92	83.5	81.42	2013	6	27
28-Jun-13	79.29	81.21	84.13	2013	6	28
29-Jun-13	79.5	75.96	80.92	2013	6	29
30-Jun-13	76.88	78.25	79.71	2013	6	30
1-Jul-13	76.21	78.83	76.67	2013	7	1
2-Jul-13	76.42	77.54	78.75	2013	7	2
3-Jul-13	78.13	75	78.04	2013	7	3
4-Jul-13	79.21	74.46	78.17	2013	7	4
5-Jul-13	81.08	78.17	79.04	2013	7	5
6-Jul-13	81.88	76.88	83	2013	7	6
7-Jul-13	82.38	79.63	83.71	2013	7	7
8-Jul-13	82.46	79.92	82.83	2013	7	8
9-Jul-13	81.83	81.92	83.75	2013	7	9
10-Jul-13	80.71	78.21	81.04	2013	7	10
11-Jul-13	80	76.71	80.38	2013	7	11
12-Jul-13	78.71	76.92	80.46	2013	7	12
13-Jul-13	77.75	75.25	79.29	2013	7	13
14-Jul-13	77.58	80.13	78.54	2013	7	14

15-Jul-13	78.25	80.25	80.46	2013	7	15
16-Jul-13	78.08	82.25	78.92	2013	7	16
17-Jul-13	79.13	83.54	78.38	2013	7	17
18-Jul-13	78.13	82.42	77.67	2013	7	18
19-Jul-13	77.13	77.92	77.42	2013	7	19
20-Jul-13	78.42	76.25	78.83	2013	7	20
21-Jul-13	79	79.67	82.33	2013	7	21
22-Jul-13	79.04	75.54	84.17	2013	7	22
23-Jul-13	78.75	78.63	81.67	2013	7	23
24-Jul-13	80.63	76.67	83.83	2013	7	24
25-Jul-13	78.92	78.96	82.92	2013	7	25
26-Jul-13	81.38	82.96	82.46	2013	7	26
27-Jul-13	80.67	79.79	83.67	2013	7	27
28-Jul-13	78.67	79.96	81.38	2013	7	28
29-Jul-13	81.04	81.25	83.21	2013	7	29
30-Jul-13	83.25	81.79	82.71	2013	7	30
31-Jul-13	81.21	80.13	82	2013	7	31
1-Aug-13	80.75	80.75	82.13	2013	8	1
2-Aug-13	82.67	82.88	82.13	2013	8	2
3-Aug-13	80.5	81.71	84.29	2013	8	3
4-Aug-13	81.21	85.38	85.25	2013	8	4
5-Aug-13	81.75	84.17	86.46	2013	8	5
6-Aug-13	82.17	85.33	82.67	2013	8	6
7-Aug-13	83.33	82.67	82.04	2013	8	7
8-Aug-13	83	81.13	82.46	2013	8	8
9-Aug-13	81.5	81.67	80.58	2013	8	9
10-Aug-13	83	82.42	83.79	2013	8	10
11-Aug-13	83.38	82.46	85.21	2013	8	11
12-Aug-13	83.17	84.63	85.5	2013	8	12
13-Aug-13	84.25	82.13	84.96	2013	8	13
14-Aug-13	81.08	80.29	83.04	2013	8	14
15-Aug-13	82.42	80.21	83.38	2013	8	15
16-Aug-13	81.75	77.71	84.71	2013	8	16
17-Aug-13	82.38	74.83	82.38	2013	8	17
18-Aug-13	82.42	77.25	80.67	2013	8	18
19-Aug-13	81.71	79.63	80.54	2013	8	19
20-Aug-13	83.42	78.88	80.96	2013	8	20
21-Aug-13	82.54	79.17	81.13	2013	8	21
22-Aug-13	80.25	76	80.5	2013	8	22
23-Aug-13	81.92	77.88	80.83	2013	8	23
24-Aug-13	79.17	78.38	81.17	2013	8	24
25-Aug-13	79.67	79.79	80.25	2013	8	25
26-Aug-13	80.13	80.25	81	2013	8	26
27-Aug-13	80.58	81.17	81.33	2013	8	27
28-Aug-13	80.38	81.42	81.88	2013	8	28
29-Aug-13	82	82.54	83.17	2013	8	29
30-Aug-13	82.08	83.04	83.21	2013	8	30

31-Aug-13	81	79.42	81.96	2013	8	31
1-Sep-13	79.38	81.71	82.96	2013	9	1
2-Sep-13	78.96	79.04	83.38	2013	9	2
3-Sep-13	80.08	80.29	83.88	2013	9	3
4-Sep-13	80.5	79.67	82.29	2013	9	4
5-Sep-13	82.21	82.21	82.92	2013	9	5
6-Sep-13	79.29	82.54	81.25	2013	9	6
7-Sep-13	78.58	80.54	79.88	2013	9	7
8-Sep-13	81.21	79.75	82.88	2013	9	8
9-Sep-13	81.54	80.17	83.79	2013	9	9
10-Sep-13	81.71	82.21	83.5	2013	9	10
11-Sep-13	82.04	81.13	83.5	2013	9	11
12-Sep-13	78.92	81.25	80.54	2013	9	12
13-Sep-13	80.54	81.38	79.21	2013	9	13
14-Sep-13	82.54	80.54	82.33	2013	9	14
15-Sep-13	81	81.25	80.17	2013	9	15
16-Sep-13	80.21	81.04	80.21	2013	9	16
17-Sep-13	80.71	81.83	80.42	2013	9	17
18-Sep-13	77.75	78.71	80.46	2013	9	18
19-Sep-13	79.04	79.67	79.71	2013	9	19
20-Sep-13	78.96	78.67	81.17	2013	9	20
21-Sep-13	78.96	76.42	80.38	2013	9	21
22-Sep-13	78.38	75.96	82.04	2013	9	22
23-Sep-13	76.67	77.88	78.79	2013	9	23
24-Sep-13	77.79	78.71	77.83	2013	9	24
25-Sep-13	76.83	77.75	76.17	2013	9	25
26-Sep-13	80.67	75.58	81.33	2013	9	26
27-Sep-13	75.83	73.75	77.38	2013	9	27
28-Sep-13	77	74.63	78.04	2013	9	28
29-Sep-13	77.88	75.17	79.21	2013	9	29
30-Sep-13	78.04	72.79	79.29	2013	9	30
1-Oct-13	79	76.67	81.75	2013	10	1
2-Oct-13	78.46	77.63	80.88	2013	10	2
3-Oct-13	78.71	76.42	81.33	2013	10	3
4-Oct-13	79.75	79.04	81.46	2013	10	4
5-Oct-13	79.46	78.29	81.46	2013	10	5
6-Oct-13	78.88	76.54	80.33	2013	10	6
7-Oct-13	76.83	78.17	80	2013	10	7
8-Oct-13	79.08	75.25	80.92	2013	10	8
9-Oct-13	74.58	68.13	74.83	2013	10	9
10-Oct-13	74.88	70.25	75.38	2013	10	10
11-Oct-13	75.21	70.83	76.54	2013	10	11
12-Oct-13	75.83	70.42	76.63	2013	10	12
13-Oct-13	76	72.58	76.75	2013	10	13
14-Oct-13	75.88	72.63	76.38	2013	10	14
15-Oct-13	73.46	73.29	73.38	2013	10	15
16-Oct-13	77.54	74.08	75.54	2013	10	16

17-Oct-13	77.5	73.96	77.46	2013	10	17
18-Oct-13	78.42	74.5	79.71	2013	10	18
19-Oct-13	79.42	72.17	80.21	2013	10	19
20-Oct-13	78.88	70.83	80.5	2013	10	20
21-Oct-13	79.83	72.92	78.83	2013	10	21
22-Oct-13	80	70.54	78.08	2013	10	22
23-Oct-13	75.04	66.13	74.13	2013	10	23
24-Oct-13	66.58	58.96	66.75	2013	10	24
25-Oct-13	68.67	57.88	69.17	2013	10	25
26-Oct-13	67.21	54.63	67.33	2013	10	26
27-Oct-13	66.88	58.5	67.75	2013	10	27
28-Oct-13	69.5	64.63	70.21	2013	10	28
29-Oct-13	72.42	65.33	73.96	2013	10	29
30-Oct-13	74.13	67.96	75.88	2013	10	30
31-Oct-13	75.79	71.33	76.04	2013	10	31
1-Nov-13	77.25	74.42	77.5	2013	11	1
2-Nov-13	69.04	67.46	71.42	2013	11	2
3-Nov-13	66.67	59.92	66.92	2013	11	3
4-Nov-13	70.08	64.13	69.38	2013	11	4
5-Nov-13	73.92	66.08	73.96	2013	11	5
6-Nov-13	73.79	70.33	76.33	2013	11	6
7-Nov-13	73.21	69	73	2013	11	7
8-Nov-13	69.58	57.54	70.92	2013	11	8
9-Nov-13	71.21	62.88	72.67	2013	11	9
10-Nov-13	71.96	64.92	73.5	2013	11	10
11-Nov-13	72.29	61.46	72.63	2013	11	11
12-Nov-13	71	61.21	70.96	2013	11	12
13-Nov-13	62.21	47.04	61.17	2013	11	13
14-Nov-13	64.25	53.83	63.25	2013	11	14
15-Nov-13	69.04	60.46	67.83	2013	11	15
16-Nov-13	70.96	66.21	71.08	2013	11	16
17-Nov-13	76.08	71.38	73.83	2013	11	17
18-Nov-13	75.71	72.25	74.83	2013	11	18
19-Nov-13	72.58	61.04	73	2013	11	19
20-Nov-13	72.5	61.67	71.42	2013	11	20
21-Nov-13	73	66.92	74.83	2013	11	21
22-Nov-13	73.92	69.04	75.21	2013	11	22
23-Nov-13	73.88	67.5	71.79	2013	11	23
24-Nov-13	66.13	54.79	65.08	2013	11	24
25-Nov-13	67.92	52.75	66.92	2013	11	25
26-Nov-13	74.54	66.5	72.67	2013	11	26
27-Nov-13	64.13	47.5	62.96	2013	11	27
28-Nov-13	51.58	39.75	50.42	2013	11	28
29-Nov-13	60.33	48.75	59.96	2013	11	29
30-Nov-13	65.58	54.79	64	2013	11	30
1-Dec-13	66.5	55.79	64.79	2013	12	1
2-Dec-13	65.63	57.83	64	2013	12	2

3-Dec-13	66.17	61.25	69.79	2013	12	3
4-Dec-13	70.38	69.13	71.67	2013	12	4
5-Dec-13	72	71.46	72.67	2013	12	5
6-Dec-13	74.17	69.29	74.96	2013	12	6
7-Dec-13	72.88	71.71	74.08	2013	12	7
8-Dec-13	73.21	70	74.5	2013	12	8
9-Dec-13	72.54	71.83	74.54	2013	12	9
10-Dec-13	73.17	65.29	73.25	2013	12	10
11-Dec-13	70.67	53.79	70.71	2013	12	11
12-Dec-13	62.58	52.33	64.04	2013	12	12
13-Dec-13	61.67	48.54	62.46	2013	12	13
14-Dec-13	72	63.04	71.71	2013	12	14
15-Dec-13	68.5	54.08	67.46	2013	12	15
16-Dec-13	56.92	45.25	56.71	2013	12	16
17-Dec-13	58.42	46.88	56.54	2013	12	17
18-Dec-13	57.63	48.33	59.04	2013	12	18
19-Dec-13	60.17	46.33	61.75	2013	12	19
20-Dec-13	67.46	56.92	71.21	2013	12	20
21-Dec-13	73.67	69.04	74.46	2013	12	21
22-Dec-13	75	72.33	74.17	2013	12	22
23-Dec-13	74.75	63.71	73.96	2013	12	23
24-Dec-13	64.54	47.96	63.75	2013	12	24
25-Dec-13	60.46	46.71	61.04	2013	12	25
26-Dec-13	64.79	50	66.5	2013	12	26
27-Dec-13	65.88	55.71	64.38	2013	12	27
28-Dec-13	71.17	60	71.13	2013	12	28
29-Dec-13	73.17	64.88	69.46	2013	12	29
30-Dec-13	63.25	54	62.46	2013	12	30
31-Dec-13	62.5	53.63	63.46	2013	12	31
1-Jan-14	62.63	52.71	60.17	2014	1	1
2-Jan-14	69.67	56.33	67.46	2014	1	2
3-Jan-14	48.83	37.54	48.46	2014	1	3
4-Jan-14	57.88	46.88	56.46	2014	1	4
5-Jan-14	68.75	58.21	66.25	2014	1	5
6-Jan-14	62.92	46.42	58.38	2014	1	6
7-Jan-14	40.67	28.25	41.63	2014	1	7
8-Jan-14	53.79	39.33	48.75	2014	1	8
9-Jan-14	65.46	53.71	63.21	2014	1	9
10-Jan-14	72.21	62.96	71.5	2014	1	10
11-Jan-14	75.21	66.17	70.46	2014	1	11
12-Jan-14	62.17	51.96	61.88	2014	1	12
13-Jan-14	63.54	53.54	62.46	2014	1	13
14-Jan-14	68.75	60	64.79	2014	1	14
15-Jan-14	58.79	48.42	57.25	2014	1	15
16-Jan-14	50.29	39.08	49.08	2014	1	16
17-Jan-14	49.71	48.17	51.04	2014	1	17
18-Jan-14	50.92	42.38	50.75	2014	1	18

19-Jan-14	50.54	46.92	52.75	2014	1	19
20-Jan-14	56.54	48.42	57.75	2014	1	20
21-Jan-14	61.5	51.21	62.13	2014	1	21
22-Jan-14	48.25	38.33	48.54	2014	1	22
23-Jan-14	48.75	38.92	49.08	2014	1	23
24-Jan-14	48.58	40.29	49.54	2014	1	24
25-Jan-14	55.83	47.29	53.46	2014	1	25
26-Jan-14	59.5	46.63	60.33	2014	1	26
27-Jan-14	66.21	58.38	63.71	2014	1	27
28-Jan-14	67.75	48.67	65.25	2014	1	28
29-Jan-14	52.92	33.04	52.21	2014	1	29
30-Jan-14	48.5	38.67	46.42	2014	1	30
31-Jan-14	57.17	49.58	54.08	2014	1	31
1-Feb-14	68.29	58.54	66.96	2014	2	1
2-Feb-14	73.63	63.67	69.42	2014	2	2
3-Feb-14	73.13	66.46	70.5	2014	2	3
4-Feb-14	73.83	67.04	71.17	2014	2	4
5-Feb-14	74.96	68.5	71.67	2014	2	5
6-Feb-14	63.21	43.83	64	2014	2	6
7-Feb-14	55.79	49.79	54.46	2014	2	7
8-Feb-14	57.83	54.71	57.29	2014	2	8
9-Feb-14	60.92	52.63	60.33	2014	2	9
10-Feb-14	62.46	56.83	61.04	2014	2	10
11-Feb-14	65.71	57.71	63.71	2014	2	11
12-Feb-14	66.5	47.33	62.83	2014	2	12
13-Feb-14	58.13	44.42	56.71	2014	2	13
14-Feb-14	52.67	47.46	53.83	2014	2	14
15-Feb-14	58.79	52.92	58.5	2014	2	15
16-Feb-14	57	50.25	55.21	2014	2	16
17-Feb-14	59.75	54.67	60.67	2014	2	17
18-Feb-14	65.46	61.29	64.38	2014	2	18
19-Feb-14	68.67	61.54	68.29	2014	2	19
20-Feb-14	71.25	63.21	71.21	2014	2	20
21-Feb-14	72.29	64.67	71.79	2014	2	21
22-Feb-14	70.25	61.04	72.04	2014	2	22
23-Feb-14	71.13	58.42	70.96	2014	2	23
24-Feb-14	70	65.96	70.71	2014	2	24
25-Feb-14	69.75	64.38	69.08	2014	2	25
26-Feb-14	65.29	56.29	66.71	2014	2	26
27-Feb-14	58.38	46.17	57.92	2014	2	27
28-Feb-14	58.79	46.04	55.79	2014	2	28
1-Mar-14	62.96	54.54	61.04	2014	3	1
2-Mar-14	67.38	57.96	66.04	2014	3	2
3-Mar-14	70.38	64.04	68.25	2014	3	3
4-Mar-14	69.04	49.79	69.13	2014	3	4
5-Mar-14	64.21	49.79	67.54	2014	3	5
6-Mar-14	65.33	49.54	65.21	2014	3	6

7-Mar-14	58.96	45.21	59	2014	3	7
8-Mar-14	59.13	52.92	55.04	2014	3	8
9-Mar-14	65.17	59.17	62.83	2014	3	9
10-Mar-14	68.13	64.42	64.04	2014	3	10
11-Mar-14	67.54	62.63	66.25	2014	3	11
12-Mar-14	71.63	68	70.38	2014	3	12
13-Mar-14	60.38	52.08	59.21	2014	3	13
14-Mar-14	59.96	50.79	61.38	2014	3	14
15-Mar-14	66.04	57.13	67	2014	3	15
16-Mar-14	71.42	62.92	70.67	2014	3	16
17-Mar-14	72.04	62.71	71.38	2014	3	17
18-Mar-14	68.17	59.13	65.04	2014	3	18
19-Mar-14	66.17	61.63	62.71	2014	3	19
20-Mar-14	68.46	62.96	64.88	2014	3	20
21-Mar-14	71.92	64.96	71.71	2014	3	21
22-Mar-14	74.71	67.58	70.79	2014	3	22
23-Mar-14	73.46	65.54	71.67	2014	3	23
24-Mar-14	69.67	62.46	67.79	2014	3	24
25-Mar-14	66.38	61.17	65.92	2014	3	25
26-Mar-14	53.79	50.33	55.63	2014	3	26
27-Mar-14	61.21	59	60.75	2014	3	27
28-Mar-14	72	65.21	70.54	2014	3	28
29-Mar-14	71.04	69.21	69.67	2014	3	29
30-Mar-14	65.75	60.13	62.79	2014	3	30
31-Mar-14	64.38	60.71	63.42	2014	3	31
1-Apr-14	66.33	61.38	65.75	2014	4	1
2-Apr-14	69.42	62.25	69.21	2014	4	2
3-Apr-14	72	66.96	70.63	2014	4	3
4-Apr-14	73.63	71.33	72.38	2014	4	4
5-Apr-14	73.42	72.75	72.46	2014	4	5
6-Apr-14	76.92	72.21	74.04	2014	4	6
7-Apr-14	78.88	72.42	75.83	2014	4	7
8-Apr-14	72.83	65.38	71.75	2014	4	8
9-Apr-14	66.29	61.54	65.58	2014	4	9
10-Apr-14	67.88	60.96	67.38	2014	4	10
11-Apr-14	69.79	63.75	72.21	2014	4	11
12-Apr-14	72.33	68.29	75	2014	4	12
13-Apr-14	74.5	71.5	74.25	2014	4	13
14-Apr-14	77.17	72.92	76.21	2014	4	14
15-Apr-14	73.96	64.08	73.63	2014	4	15
16-Apr-14	64.79	56	63.79	2014	4	16
17-Apr-14	70.25	62.5	69.75	2014	4	17
18-Apr-14	73.29	61.75	71	2014	4	18
19-Apr-14	70.54	59.25	67.21	2014	4	19
20-Apr-14	65.33	59.54	65.54	2014	4	20
21-Apr-14	67.21	64.54	66.58	2014	4	21
22-Apr-14	70.08	69.75	67.75	2014	4	22

23-Apr-14	73.75	71.83	70.33	2014	4	23
24-Apr-14	76.13	73.54	72.25	2014	4	24
25-Apr-14	77	75.04	74	2014	4	25
26-Apr-14	77.08	74.63	75.96	2014	4	26
27-Apr-14	78.42	73	77.17	2014	4	27
28-Apr-14	80.25	75.71	79.42	2014	4	28
29-Apr-14	79.08	71.21	80.38	2014	4	29
30-Apr-14	76.67	68.71	78.79	2014	4	30
1-May-14	78.42	64.71	78.21	2014	5	1
2-May-14	73.17	62.25	73.88	2014	5	2
3-May-14	69.75	67	68.67	2014	5	3
4-May-14	71.67	70.38	70.79	2014	5	4
5-May-14	75.17	73.96	74.54	2014	5	5
6-May-14	75.71	74.38	76.46	2014	5	6
7-May-14	77.21	73.17	78.63	2014	5	7
8-May-14	79.21	76.25	81.08	2014	5	8
9-May-14	79	75.79	79.63	2014	5	9
10-May-14	79.63	75.67	79.67	2014	5	10
11-May-14	79.71	78.21	80.92	2014	5	11
12-May-14	78.29	77.79	80.29	2014	5	12
13-May-14	78.92	79	81	2014	5	13
14-May-14	78.21	78.67	79.58	2014	5	14
15-May-14	77.46	69.58	77.67	2014	5	15
16-May-14	72.17	65.83	71.04	2014	5	16
17-May-14	71.13	68.63	72.96	2014	5	17
18-May-14	73	71.75	74.92	2014	5	18
19-May-14	75	74.75	77.17	2014	5	19
20-May-14	75.79	76.75	77.83	2014	5	20
21-May-14	75.54	77.5	75.54	2014	5	21
22-May-14	78.67	80.58	77.13	2014	5	22
23-May-14	81.79	80.92	79.75	2014	5	23
24-May-14	83.75	82.17	80.08	2014	5	24
25-May-14	82.58	81	80.08	2014	5	25
26-May-14	78.29	79.25	78.63	2014	5	26
27-May-14	78.71	78.54	76.71	2014	5	27
28-May-14	78.83	79.13	78.08	2014	5	28
29-May-14	79.13	78.75	77.33	2014	5	29
30-May-14	78.29	78.21	77.83	2014	5	30
31-May-14	77.75	79.04	78.13	2014	5	31
1-Jun-14	77.25	76.83	78.38	2014	6	1
2-Jun-14	77.54	77.5	78.54	2014	6	2
3-Jun-14	76	77.33	78.54	2014	6	3
4-Jun-14	77.13	78.04	79.17	2014	6	4
5-Jun-14	78.83	79.75	79.46	2014	6	5
6-Jun-14	82.08	83.04	80.79	2014	6	6
7-Jun-14	83.25	79.75	80.96	2014	6	7
8-Jun-14	80.33	79.08	81.71	2014	6	8

9-Jun-14	81.75	81.75	81.29	2014	6	9
10-Jun-14	80.17	82	81.75	2014	6	10
11-Jun-14	75.38	79.88	77.96	2014	6	11
12-Jun-14	74.96	79.88	79.54	2014	6	12
13-Jun-14	76.21	80.04	78.5	2014	6	13
14-Jun-14	74.96	78.92	79.29	2014	6	14
15-Jun-14	77.29	77.92	78.92	2014	6	15
16-Jun-14	77.71	80.04	79.13	2014	6	16
17-Jun-14	79.63	82.13	80.42	2014	6	17
18-Jun-14	79.08	83.5	79.42	2014	6	18
19-Jun-14	78.71	80.04	79.25	2014	6	19
20-Jun-14	80.08	82.42	81.79	2014	6	20
21-Jun-14	81.88	81.25	83.42	2014	6	21
22-Jun-14	81.88	80.58	83.54	2014	6	22
23-Jun-14	79.38	76.79	82.63	2014	6	23
24-Jun-14	82.29	79.79	83.71	2014	6	24
25-Jun-14	84.21	82	84.5	2014	6	25
26-Jun-14	82.38	79.58	85.67	2014	6	26
27-Jun-14	80.17	84.04	84.29	2014	6	27
28-Jun-14	83.38	85.42	85.04	2014	6	28
29-Jun-14	83.88	87.33	87.17	2014	6	29
30-Jun-14	81.83	86.96	84.75	2014	6	30
1-Jul-14	82.88	86.17	83.63	2014	7	1
2-Jul-14	80.83	86.83	82.92	2014	7	2
3-Jul-14	81.75	82.92	82.63	2014	7	3
4-Jul-14	79.79	80.92	82.25	2014	7	4
5-Jul-14	79.17	80.29	80.96	2014	7	5
6-Jul-14	76.46	80.21	78.96	2014	7	6
7-Jul-14	79.58	80.67	78.5	2014	7	7
8-Jul-14	80.58	82.75	80.67	2014	7	8
9-Jul-14	78.54	80.88	79.13	2014	7	9
10-Jul-14	79.5	78.5	80.38	2014	7	10
11-Jul-14	80.33	80.17	81	2014	7	11
12-Jul-14	80.33	80.75	82	2014	7	12
13-Jul-14	80.63	81.04	81.04	2014	7	13
14-Jul-14	80.13	83.13	82.5	2014	7	14
15-Jul-14	77.83	79.79	80.96	2014	7	15
16-Jul-14	76.71	80.17	78.79	2014	7	16
17-Jul-14	80.88	82.04	82.25	2014	7	17
18-Jul-14	83.17	81	82.83	2014	7	18
19-Jul-14	83.38	77.17	83.67	2014	7	19
20-Jul-14	82.38	78.17	84.54	2014	7	20
21-Jul-14	80.29	77.67	82.46	2014	7	21
22-Jul-14	79.63	80.96	81.04	2014	7	22
23-Jul-14	81.83	80.21	83.54	2014	7	23
24-Jul-14	82.29	80.21	83.63	2014	7	24
25-Jul-14	80.83	81.42	83.38	2014	7	25

26-Jul-14	80.96	82.88	84.25	2014	7	26
27-Jul-14	83.79	86	85.71	2014	7	27
28-Jul-14	85	85.54	85.75	2014	7	28
29-Jul-14	81.71	81.83	83.96	2014	7	29
30-Jul-14	83.21	79.96	84.38	2014	7	30
31-Jul-14	83.96	79.96	83.13	2014	7	31
1-Aug-14	82.04	80.67	84.08	2014	8	1
2-Aug-14	83.83	83.83	82.54	2014	8	2
3-Aug-14	82.13	82.29	82.17	2014	8	3
4-Aug-14	80.08	82.54	83.21	2014	8	4
5-Aug-14	81.46	85	83.67	2014	8	5
6-Aug-14	82.38	86.08	84.67	2014	8	6
7-Aug-14	80.21	81.54	84	2014	8	7
8-Aug-14	80.63	83.71	83.96	2014	8	8
9-Aug-14	80.13	83	83.92	2014	8	9
10-Aug-14	79.63	79.71	82.83	2014	8	10
11-Aug-14	78.54	80.38	81.67	2014	8	11
12-Aug-14	80.92	83.38	83.17	2014	8	12
13-Aug-14	82.38	80.17	83.96	2014	8	13
14-Aug-14	82.04	82.5	83.42	2014	8	14
15-Aug-14	79.88	83.67	77.71	2014	8	15
16-Aug-14	78.83	84.21	81.33	2014	8	16
17-Aug-14	81.42	81.5	83.58	2014	8	17
18-Aug-14	84.17	80.63	84.67	2014	8	18
19-Aug-14	85.42	79.75	85.25	2014	8	19
20-Aug-14	85.38	82.71	85.38	2014	8	20
21-Aug-14	85.04	85.04	85.92	2014	8	21
22-Aug-14	82.92	85.08	83.83	2014	8	22
23-Aug-14	82.92	88.25	81.54	2014	8	23
24-Aug-14	84.29	86.79	82.46	2014	8	24
25-Aug-14	83.67	84.33	83.88	2014	8	25
26-Aug-14	82.54	83	83.04	2014	8	26
27-Aug-14	81.54	82.79	84	2014	8	27
28-Aug-14	82.17	80.88	85.5	2014	8	28
29-Aug-14	79.79	79.42	83.38	2014	8	29
30-Aug-14	81.17	83.13	83.08	2014	8	30
31-Aug-14	82.67	84.46	81.75	2014	8	31
1-Sep-14	82.75	81.79	82.75	2014	9	1
2-Sep-14	82.5	83.46	82.29	2014	9	2
3-Sep-14	81.54	81.13	82.33	2014	9	3
4-Sep-14	78.29	81.38	79.71	2014	9	4
5-Sep-14	78.17	80.92	80.54	2014	9	5
6-Sep-14	76.54	78.17	80.75	2014	9	6
7-Sep-14	77.21	78.67	80.5	2014	9	7
8-Sep-14	78.75	78.58	80.88	2014	9	8
9-Sep-14	80.46	79.46	80.67	2014	9	9
10-Sep-14	80.71	80.71	82.5	2014	9	10

11-Sep-14	81.5	81.08	82.71	2014	9	11
12-Sep-14	81.25	83.46	82.54	2014	9	12
13-Sep-14	81.63	83.38	82.63	2014	9	13
14-Sep-14	79.88	83.04	80.25	2014	9	14
15-Sep-14	80.63	80.04	81.79	2014	9	15
16-Sep-14	80	78.42	80.79	2014	9	16
17-Sep-14	76.79	79.75	77.17	2014	9	17
18-Sep-14	79.08	79.42	80.25	2014	9	18
19-Sep-14	76.88	75.63	76.38	2014	9	19
20-Sep-14	74.71	73.92	75.46	2014	9	20
21-Sep-14	77.38	74.67	78.58	2014	9	21
22-Sep-14	76.33	75.38	77.08	2014	9	22
23-Sep-14	75.83	76.79	76.96	2014	9	23
24-Sep-14	75.58	72.83	77.17	2014	9	24
25-Sep-14	76.33	67.96	77.29	2014	9	25
26-Sep-14	76	74.04	77.42	2014	9	26
27-Sep-14	77.58	76.42	78.5	2014	9	27
28-Sep-14	80.42	76.79	79.54	2014	9	28
29-Sep-14	77.5	75.96	78.08	2014	9	29
30-Sep-14	75.63	75.38	80.08	2014	9	30
1-Oct-14	77	75.67	80	2014	10	1
2-Oct-14	79.75	76.42	80.63	2014	10	2
3-Oct-14	80.13	75.88	81.29	2014	10	3
4-Oct-14	77.33	70.25	77.42	2014	10	4
5-Oct-14	68.88	59	67.92	2014	10	5
6-Oct-14	70.96	60.79	71.63	2014	10	6
7-Oct-14	75.71	69.13	77.88	2014	10	7
8-Oct-14	78.5	74.29	78.38	2014	10	8
9-Oct-14	78.13	75.46	80.63	2014	10	9
10-Oct-14	78.92	76.21	80.33	2014	10	10
11-Oct-14	78.46	76.5	79.54	2014	10	11
12-Oct-14	78.17	76.54	80.75	2014	10	12
13-Oct-14	78.33	76.46	81.54	2014	10	13
14-Oct-14	78.29	74.17	78.13	2014	10	14
15-Oct-14	75.29	65.71	75.67	2014	10	15
16-Oct-14	70.25	63.67	73.42	2014	10	16
17-Oct-14	70.83	64.33	71.29	2014	10	17
18-Oct-14	71.17	67.71	71	2014	10	18
19-Oct-14	71.71	67.04	75.04	2014	10	19
20-Oct-14	74.58	67.33	74.79	2014	10	20
21-Oct-14	75.67	69.13	76.13	2014	10	21
22-Oct-14	74.42	66	75.25	2014	10	22
23-Oct-14	71.04	61.13	72.5	2014	10	23
24-Oct-14	70.29	61.29	70	2014	10	24
25-Oct-14	70.79	61.08	68.71	2014	10	25
26-Oct-14	69.42	65.29	68.79	2014	10	26
27-Oct-14	70.67	69.5	71.29	2014	10	27

28-Oct-14	72.92	67.38	74.46	2014	10	28
29-Oct-14	73.5	67.25	75.21	2014	10	29
30-Oct-14	73.67	66.21	75.21	2014	10	30
31-Oct-14	71.58	58.58	69.75	2014	10	31
1-Nov-14	58.75	52.42	61.54	2014	11	1
2-Nov-14	54.83	48.71	54.38	2014	11	2
3-Nov-14	61.33	48.5	61.17	2014	11	3
4-Nov-14	68.25	56.54	67.63	2014	11	4
5-Nov-14	71.04	64.42	72.42	2014	11	5
6-Nov-14	72.96	68.67	71.79	2014	11	6
7-Nov-14	68.54	57.54	68.29	2014	11	7
8-Nov-14	66.46	53.04	61.88	2014	11	8
9-Nov-14	63.17	56.71	61.08	2014	11	9
10-Nov-14	66.29	55.54	64.29	2014	11	10
11-Nov-14	68.75	56.33	65.04	2014	11	11
12-Nov-14	68.04	61.29	65.13	2014	11	12
13-Nov-14	68.63	59.33	67	2014	11	13
14-Nov-14	63.88	46.33	62.04	2014	11	14
15-Nov-14	62.67	47.46	60.08	2014	11	15
16-Nov-14	69.08	59.83	67.92	2014	11	16
17-Nov-14	71.5	63.63	70.21	2014	11	17
18-Nov-14	53.04	41.38	52.38	2014	11	18
19-Nov-14	49.67	37.29	49.29	2014	11	19
20-Nov-14	55.04	43.17	54.46	2014	11	20
21-Nov-14	63.79	50.71	63.38	2014	11	21
22-Nov-14	69.04	58.92	69.38	2014	11	22
23-Nov-14	75.79	68.13	74.33	2014	11	23
24-Nov-14	77.83	70.33	74.38	2014	11	24
25-Nov-14	72.42	57.54	73	2014	11	25
26-Nov-14	60	51.25	58.71	2014	11	26
27-Nov-14	57.42	48.96	57	2014	11	27
28-Nov-14	52.17	44.58	52	2014	11	28
29-Nov-14	58.71	46.08	59.17	2014	11	29
30-Nov-14	64.96	52.79	66.33	2014	11	30
1-Dec-14	68.96	59.42	68.71	2014	12	1
2-Dec-14	69.88	64.25	70.21	2014	12	2
3-Dec-14	69.21	65.75	71.13	2014	12	3
4-Dec-14	70.25	65.83	71.04	2014	12	4
5-Dec-14	70.29	62.21	71.96	2014	12	5
6-Dec-14	72.63	67.17	71.21	2014	12	6
7-Dec-14	66.21	59.33	65.25	2014	12	7
8-Dec-14	61.79	51.63	60.5	2014	12	8
9-Dec-14	56.58	47.79	56	2014	12	9
10-Dec-14	53.54	44.38	54.88	2014	12	10
11-Dec-14	52.33	42.67	54.58	2014	12	11
12-Dec-14	52.04	46.25	52	2014	12	12
13-Dec-14	55.33	47.25	55.88	2014	12	13

14-Dec-14	56.33	46.54	54.92	2014	12	14
15-Dec-14	56.21	49.13	56.21	2014	12	15
16-Dec-14	58.92	59.04	59.04	2014	12	16
17-Dec-14	63.25	49.63	64.08	2014	12	17
18-Dec-14	57.75	48.96	57.79	2014	12	18
19-Dec-14	61.33	51.46	61.25	2014	12	19
20-Dec-14	65.79	55.88	65.58	2014	12	20
21-Dec-14	69.33	57.04	69.04	2014	12	21
22-Dec-14	70.67	59.83	70.54	2014	12	22
23-Dec-14	72.54	65.75	73.54	2014	12	23
24-Dec-14	75.92	68.29	73.42	2014	12	24
25-Dec-14	61.21	52.54	61.58	2014	12	25
26-Dec-14	62.63	48.63	63.08	2014	12	26
27-Dec-14	71.21	58.21	70.21	2014	12	27
28-Dec-14	73.29	66	71	2014	12	28
29-Dec-14	71.42	67.38	70.42	2014	12	29
30-Dec-14	66.38	61.42	69.29	2014	12	30
31-Dec-14	62.75	56.5	62.67	2014	12	31
1-Jan-15	65.58	54.83	64.21	2015	1	1
2-Jan-15	67.71	61.63	67.92	2015	1	2
3-Jan-15	74.38	68.63	74.71	2015	1	3
4-Jan-15	74.79	68.83	73.25	2015	1	4
5-Jan-15	66.63	52.33	66.13	2015	1	5
6-Jan-15	65.17	47.58	62.08	2015	1	6
7-Jan-15	58.54	48.17	58.88	2015	1	7
8-Jan-15	50.71	33.54	50	2015	1	8
9-Jan-15	50.79	39.58	51.21	2015	1	9
10-Jan-15	55.63	46.67	54.46	2015	1	10
11-Jan-15	63.96	56.21	64.25	2015	1	11
12-Jan-15	68.17	61.5	66.75	2015	1	12
13-Jan-15	67.5	61.38	66.04	2015	1	13
14-Jan-15	60.96	54.96	63.33	2015	1	14
15-Jan-15	55.83	48.5	55.71	2015	1	15
16-Jan-15	56.38	48.54	56.54	2015	1	16
17-Jan-15	59.58	46.08	59.17	2015	1	17
18-Jan-15	61.71	50.08	60.96	2015	1	18
19-Jan-15	57.5	47.92	57.63	2015	1	19
20-Jan-15	59.42	51.96	60.21	2015	1	20
21-Jan-15	64.38	59.54	64.04	2015	1	21
22-Jan-15	65.42	61.71	67.96	2015	1	22
23-Jan-15	70.67	66.17	71.21	2015	1	23
24-Jan-15	62.79	52.5	62.75	2015	1	24
25-Jan-15	52.83	46.58	54.92	2015	1	25
26-Jan-15	58.54	52.04	60.96	2015	1	26
27-Jan-15	56	49.21	59.08	2015	1	27
28-Jan-15	52.5	43.63	55.04	2015	1	28
29-Jan-15	56.25	47.33	57.04	2015	1	29

30-Jan-15	59.21	53.25	58.33	2015	1	30
31-Jan-15	57.79	46.08	59.54	2015	1	31
1-Feb-15	61.67	56.42	64.54	2015	2	1
2-Feb-15	64.58	57.42	64	2015	2	2
3-Feb-15	54.75	44.25	55.17	2015	2	3
4-Feb-15	63.38	50.21	63.67	2015	2	4
5-Feb-15	61.25	55.13	61.88	2015	2	5
6-Feb-15	56.96	47.71	57.63	2015	2	6
7-Feb-15	58.92	46.42	59.17	2015	2	7
8-Feb-15	62.67	52.21	61.42	2015	2	8
9-Feb-15	61.92	57.96	60.79	2015	2	9
10-Feb-15	60.21	50.5	57	2015	2	10
11-Feb-15	56.71	50.54	55.5	2015	2	11
12-Feb-15	57.75	54.79	55.96	2015	2	12
13-Feb-15	53.17	42.21	50.92	2015	2	13
14-Feb-15	51.42	47.21	51.33	2015	2	14
15-Feb-15	60.29	55.29	60.29	2015	2	15
16-Feb-15	62.13	57.67	63.33	2015	2	16
17-Feb-15	66.33	52.21	64.71	2015	2	17
18-Feb-15	54.71	43.5	53.67	2015	2	18
19-Feb-15	45.67	36.79	47.75	2015	2	19
20-Feb-15	44.04	37.25	46.17	2015	2	20
21-Feb-15	57.75	50.29	58	2015	2	21
22-Feb-15	67.83	61.38	65.96	2015	2	22
23-Feb-15	69.96	63.33	68.21	2015	2	23
24-Feb-15	68.13	52.46	65.54	2015	2	24
25-Feb-15	66.54	52.29	64.38	2015	2	25
26-Feb-15	67.08	50.29	62.79	2015	2	26
27-Feb-15	55.35	48.87	58.17	2015	2	27
28-Feb-15	64	49.96	61.46	2015	2	28
1-Mar-15	70.63	55.25	70.88	2015	3	1
2-Mar-15	71.21	65.75	71.79	2015	3	2
3-Mar-15	71.92	68.17	71.71	2015	3	3
4-Mar-15	74.75	68.79	72.54	2015	3	4
5-Mar-15	75.96	67.5	72.46	2015	3	5
6-Mar-15	65.04	47.75	66.21	2015	3	6
7-Mar-15	60.08	52.33	61.13	2015	3	7
8-Mar-15	65.46	55.04	68.29	2015	3	8
9-Mar-15	69.54	62.92	73.04	2015	3	9
10-Mar-15	74.38	68.5	75.46	2015	3	10
11-Mar-15	76.58	72.79	76.79	2015	3	11
12-Mar-15	77.67	72.67	77.33	2015	3	12
13-Mar-15	75.83	70.29	76.79	2015	3	13
14-Mar-15	77.13	73.29	74.96	2015	3	14
15-Mar-15	76.33	68.54	73.21	2015	3	15
16-Mar-15	74.04	70	73.25	2015	3	16
17-Mar-15	74.63	71.79	71.83	2015	3	17

18-Mar-15	75.21	73	74.67	2015	3	18
19-Mar-15	76.54	71.71	74.54	2015	3	19
20-Mar-15	76.67	73.79	72.83	2015	3	20
21-Mar-15	76.33	73.29	73.71	2015	3	21
22-Mar-15	77.71	72.58	73.63	2015	3	22
23-Mar-15	72.21	68.92	73.17	2015	3	23
24-Mar-15	70.04	64.38	70.71	2015	3	24
25-Mar-15	69.75	65.67	71.42	2015	3	25
26-Mar-15	73.71	65.21	74.08	2015	3	26
27-Mar-15	70.63	63.33	69.13	2015	3	27
28-Mar-15	60.92	53.58	61.63	2015	3	28
29-Mar-15	59.46	55	62.71	2015	3	29
30-Mar-15	62.92	59.58	62.79	2015	3	30
31-Mar-15	71.17	70	69.13	2015	3	31
1-Apr-15	73.33	74.38	70.5	2015	4	1
2-Apr-15	74.25	71.71	72	2015	4	2
3-Apr-15	75.29	70.96	73.46	2015	4	3
4-Apr-15	76.17	72.63	73	2015	4	4
5-Apr-15	73.75	69.75	75.71	2015	4	5
6-Apr-15	75	72.92	76.46	2015	4	6
7-Apr-15	75.96	74.21	77.33	2015	4	7
8-Apr-15	76.58	76.96	77.75	2015	4	8
9-Apr-15	76.04	74.42	77.04	2015	4	9
10-Apr-15	77.38	75.83	77.29	2015	4	10
11-Apr-15	77.54	70.96	77.58	2015	4	11
12-Apr-15	76.04	71.5	77.38	2015	4	12
13-Apr-15	76.92	74.38	78.25	2015	4	13
14-Apr-15	78.13	79.08	78	2015	4	14
15-Apr-15	79	73.38	78.79	2015	4	15
16-Apr-15	75.67	72.67	78.63	2015	4	16
17-Apr-15	75.58	70.92	77.67	2015	4	17
18-Apr-15	79.71	77.08	78.38	2015	4	18
19-Apr-15	80.08	73.58	77.71	2015	4	19
20-Apr-15	73.92	68.92	75	2015	4	20
21-Apr-15	76.58	69.67	75.67	2015	4	21
22-Apr-15	78.25	71.88	77.58	2015	4	22
23-Apr-15	74.25	74.33	75.75	2015	4	23
24-Apr-15	77.92	76.13	79.79	2015	4	24
25-Apr-15	78.96	74.88	79.17	2015	4	25
26-Apr-15	81.42	77.54	81.5	2015	4	26
27-Apr-15	78.71	72.46	79.58	2015	4	27
28-Apr-15	74.08	69.96	74.42	2015	4	28
29-Apr-15	78.04	70.5	77.54	2015	4	29
30-Apr-15	74	68.13	73.04	2015	4	30
1-May-15	73.67	67.04	72.92	2015	5	1
2-May-15	71.04	66.63	72.29	2015	5	2
3-May-15	72.33	69.42	75.25	2015	5	3

4-May-15	73.63	72.83	74.71	2015	5	4
5-May-15	74.08	75.04	76.38	2015	5	5
6-May-15	75.17	76.5	75.79	2015	5	6
7-May-15	76.71	75.46	76.38	2015	5	7
8-May-15	75.96	76.71	76	2015	5	8
9-May-15	79.42	81.38	77.38	2015	5	9
10-May-15	81.17	80.04	78.58	2015	5	10
11-May-15	80.96	78.38	79.88	2015	5	11
12-May-15	80.83	81	80.04	2015	5	12
13-May-15	81.08	82.21	80.17	2015	5	13
14-May-15	80.96	77.13	81.04	2015	5	14
15-May-15	77.75	77.21	79.25	2015	5	15
16-May-15	78.21	77.88	79.79	2015	5	16
17-May-15	79	79.71	79.21	2015	5	17
18-May-15	78.88	78.79	79.5	2015	5	18
19-May-15	80.38	80.13	79.79	2015	5	19
20-May-15	79.88	81.42	80.25	2015	5	20
21-May-15	81.83	82.29	80.46	2015	5	21
22-May-15	82.67	77.92	82.63	2015	5	22
23-May-15	81.79	79.42	79.63	2015	5	23
24-May-15	80.88	81.5	80.21	2015	5	24
25-May-15	79.83	81.5	81.92	2015	5	25
26-May-15	82.25	77.46	80.92	2015	5	26
27-May-15	80.33	76.83	80.71	2015	5	27
28-May-15	78.63	79.67	80.63	2015	5	28
29-May-15	78.54	79.46	79.21	2015	5	29
30-May-15	79.5	81.38	80.04	2015	5	30
31-May-15	79.88	76.67	80.29	2015	5	31
1-Jun-15	79.17	75.67	78.38	2015	6	1
2-Jun-15	74.54	75.42	74.83	2015	6	2
3-Jun-15	77.13	78.46	78.63	2015	6	3
4-Jun-15	79.75	79.33	81.67	2015	6	4
5-Jun-15	78.42	82.54	81.88	2015	6	5
6-Jun-15	77.67	81.04	80.46	2015	6	6
7-Jun-15	80.58	79.38	79.96	2015	6	7
8-Jun-15	79.75	79.92	81.75	2015	6	8
9-Jun-15	79.75	75.54	82.88	2015	6	9
10-Jun-15	74.88	76.63	77.33	2015	6	10
11-Jun-15	79.08	76.96	80.13	2015	6	11
12-Jun-15	78.71	81.75	79.08	2015	6	12
13-Jun-15	83.04	82.75	83.92	2015	6	13
14-Jun-15	83.13	83.75	84.58	2015	6	14
15-Jun-15	83.5	84.08	83.88	2015	6	15
16-Jun-15	84.71	84	84.5	2015	6	16
17-Jun-15	84.58	83.29	85.38	2015	6	17
18-Jun-15	84.92	83.25	85.13	2015	6	18
19-Jun-15	83.25	83.79	84.38	2015	6	19

20-Jun-15	81.04	84.38	85.17	2015	6	20
21-Jun-15	84.92	83.38	85.58	2015	6	21
22-Jun-15	85.96	80.17	84.83	2015	6	22
23-Jun-15	83.71	79.67	83.17	2015	6	23
24-Jun-15	83.08	81.42	82.54	2015	6	24
25-Jun-15	80	83.17	82.08	2015	6	25
26-Jun-15	82.21	80.42	83.25	2015	6	26
27-Jun-15	82.08	82.33	85	2015	6	27
28-Jun-15	83.17	80.42	83.33	2015	6	28
29-Jun-15	79	80.25	83.83	2015	6	29
30-Jun-15	84.21	77.46	85.29	2015	6	30
1-Jul-15	84.04	80.29	85.25	2015	7	1
2-Jul-15	80.38	78.63	82.83	2015	7	2
3-Jul-15	81.21	83.92	82.71	2015	7	3
4-Jul-15	81.38	79.54	82.71	2015	7	4
5-Jul-15	81.38	75.88	79.13	2015	7	5
6-Jul-15	79.54	79.17	81.71	2015	7	6
7-Jul-15	77.92	83.67	80.13	2015	7	7
8-Jul-15	81.13	82.25	81.13	2015	7	8
9-Jul-15	82.54	79.92	83.88	2015	7	9
10-Jul-15	83.71	84.79	84.79	2015	7	10
11-Jul-15	82.96	87.63	84.04	2015	7	11
12-Jul-15	82.83	88	81.58	2015	7	12
13-Jul-15	83.92	85.42	82.46	2015	7	13
14-Jul-15	83.25	83.17	81.92	2015	7	14
15-Jul-15	82.13	85.08	81.71	2015	7	15
16-Jul-15	80.46	82.92	79.13	2015	7	16
17-Jul-15	79.21	85.46	78.96	2015	7	17
18-Jul-15	80.5	87.04	80.63	2015	7	18
19-Jul-15	84.13	84.58	81.42	2015	7	19
20-Jul-15	82.88	85.38	81.46	2015	7	20
21-Jul-15	81.42	86.54	83.13	2015	7	21
22-Jul-15	80.63	85.25	84.25	2015	7	22
23-Jul-15	83.79	81.96	84.67	2015	7	23
24-Jul-15	81.17	82.04	79.21	2015	7	24
25-Jul-15	79.75	82.67	79.13	2015	7	25
26-Jul-15	81.63	84.96	80.04	2015	7	26
27-Jul-15	79.58	84.58	78.67	2015	7	27
28-Jul-15	79	88.04	80.5	2015	7	28
29-Jul-15	79.58	86.58	80.5	2015	7	29
30-Jul-15	80.54	81.79	80.21	2015	7	30
31-Jul-15	80	84.33	79.25	2015	7	31
1-Aug-15	76.5	81.96	77.58	2015	8	1
2-Aug-15	75.83	83.54	79.29	2015	8	2
3-Aug-15	77.21	85.21	78.04	2015	8	3
4-Aug-15	80.21	83.17	82.29	2015	8	4
5-Aug-15	83.42	81.38	81.96	2015	8	5

6-Aug-15	82.75	80.75	82.71	2015	8	6
7-Aug-15	81.5	83	82.79	2015	8	7
8-Aug-15	80.92	82.04	79.21	2015	8	8
9-Aug-15	82.75	84.04	82.21	2015	8	9
10-Aug-15	82.42	86.38	83.25	2015	8	10
11-Aug-15	82.92	84.29	83.67	2015	8	11
12-Aug-15	83.71	84.58	84.54	2015	8	12
13-Aug-15	78.38	86.21	81.88	2015	8	13
14-Aug-15	78.79	80.92	80.17	2015	8	14
15-Aug-15	79	82.42	78.38	2015	8	15
16-Aug-15	79.79	81.46	79.79	2015	8	16
17-Aug-15	80.54	78.92	81.75	2015	8	17
18-Aug-15	82.88	79.42	83.38	2015	8	18
19-Aug-15	83.25	82.21	82.5	2015	8	19
20-Aug-15	81.54	81.63	83.17	2015	8	20
21-Aug-15	82.88	84.33	83.71	2015	8	21
22-Aug-15	82.29	85.54	85.54	2015	8	22
23-Aug-15	84.25	82.71	85.83	2015	8	23
24-Aug-15	82	84.04	85.42	2015	8	24
25-Aug-15	84.92	85.38	85.33	2015	8	25
26-Aug-15	81.38	81.13	84.54	2015	8	26
27-Aug-15	76.75	80.21	79.63	2015	8	27
28-Aug-15	78.38	79.63	80.13	2015	8	28
29-Aug-15	80.08	77.58	79.38	2015	8	29
30-Aug-15	78.96	81.79	80.17	2015	8	30
31-Aug-15	79.75	82.17	80.25	2015	8	31
1-Sep-15	82.04	80.75	80.46	2015	9	1
2-Sep-15	83.17	83.29	83.33	2015	9	2
3-Sep-15	83.75	81.54	83.79	2015	9	3
4-Sep-15	79.21	81.88	83.25	2015	9	4
5-Sep-15	79.63	81.46	81.5	2015	9	5
6-Sep-15	80.67	81.25	80.42	2015	9	6
7-Sep-15	78.96	79.21	77.5	2015	9	7
8-Sep-15	80.67	79.29	81.25	2015	9	8
9-Sep-15	83.04	80.54	83.04	2015	9	9
10-Sep-15	84.71	80.33	83.83	2015	9	10
11-Sep-15	84.21	81.5	83.29	2015	9	11
12-Sep-15	78.92	75.92	80.42	2015	9	12
13-Sep-15	76.42	74	78.42	2015	9	13
14-Sep-15	78.75	71.46	80.83	2015	9	14
15-Sep-15	78.29	78.33	80.96	2015	9	15
16-Sep-15	77.13	78.13	79.08	2015	9	16
17-Sep-15	75.83	79.71	77.88	2015	9	17
18-Sep-15	78.75	79.29	78.71	2015	9	18
19-Sep-15	80.04	80.79	80.67	2015	9	19
20-Sep-15	81.96	79.5	82.71	2015	9	20
21-Sep-15	80.29	78.54	82.92	2015	9	21

22-Sep-15	79.5	79.04	82.25	2015	9	22
23-Sep-15	79.5	79.5	81.5	2015	9	23
24-Sep-15	78.58	75.92	80.08	2015	9	24
25-Sep-15	78.88	70.79	80.04	2015	9	25
26-Sep-15	79.63	74.83	79.88	2015	9	26
27-Sep-15	80.92	75.79	78.67	2015	9	27
28-Sep-15	80.79	77.92	78	2015	9	28
29-Sep-15	78.08	78.92	80.63	2015	9	29
30-Sep-15	82.21	80.17	81.21	2015	9	30
1-Oct-15	82.5	77.83	81.92	2015	10	1
2-Oct-15	80.96	72.88	79.58	2015	10	2
3-Oct-15	76.54	67.5	75.33	2015	10	3
4-Oct-15	71.21	65	71.83	2015	10	4
5-Oct-15	73.46	69.75	73.42	2015	10	5
6-Oct-15	74.13	70.38	74.5	2015	10	6
7-Oct-15	75.25	72.29	76.54	2015	10	7
8-Oct-15	77.33	71.63	78.58	2015	10	8
9-Oct-15	79.17	77.75	79.83	2015	10	9
10-Oct-15	78.13	77.63	78.08	2015	10	10
11-Oct-15	77.25	69.04	76.08	2015	10	11
12-Oct-15	73	68.29	72.96	2015	10	12
13-Oct-15	73.54	73.83	75.67	2015	10	13
14-Oct-15	77.67	74.79	76.96	2015	10	14
15-Oct-15	76.79	68.25	78.29	2015	10	15
16-Oct-15	73.08	70.58	76	2015	10	16
17-Oct-15	74.38	70.17	76.67	2015	10	17
18-Oct-15	73.38	66.25	74	2015	10	18
19-Oct-15	71.42	64.83	72.71	2015	10	19
20-Oct-15	73.13	68.83	74.54	2015	10	20
21-Oct-15	74.08	73.54	74.79	2015	10	21
22-Oct-15	75.25	76.29	76.17	2015	10	22
23-Oct-15	75.92	75.96	77.21	2015	10	23
24-Oct-15	74.17	74.88	77.13	2015	10	24
25-Oct-15	76.33	76	77.5	2015	10	25
26-Oct-15	75.79	75.08	77.29	2015	10	26
27-Oct-15	75.13	73.46	74.21	2015	10	27
28-Oct-15	76	75.54	77.54	2015	10	28
29-Oct-15	75.5	70.25	75.71	2015	10	29
30-Oct-15	74.54	70.67	74.83	2015	10	30
31-Oct-15	77.88	75.54	77.96	2015	10	31
1-Nov-15	77.17	79.71	79.33	2015	11	1
2-Nov-15	80.04	80.54	79.79	2015	11	2
3-Nov-15	80.13	77.92	80.08	2015	11	3
4-Nov-15	78.29	79.54	80.79	2015	11	4
5-Nov-15	78.79	78.54	81.33	2015	11	5
6-Nov-15	77.38	76.88	79.88	2015	11	6
7-Nov-15	77.88	75.54	77.96	2015	11	7

8-Nov-15	78.13	69.71	76.83	2015	11	8
9-Nov-15	80.04	66.83	76.92	2015	11	9
10-Nov-15	76.54	61.25	75.88	2015	11	10
11-Nov-15	74.04	61.88	75	2015	11	11
12-Nov-15	73.5	70.08	75.42	2015	11	12
13-Nov-15	72.92	64.75	75.96	2015	11	13
14-Nov-15	68.21	57.33	69.29	2015	11	14
15-Nov-15	70.54	63.21	71.79	2015	11	15
16-Nov-15	73	67.96	75.04	2015	11	16
17-Nov-15	75.67	72.04	76.46	2015	11	17
18-Nov-15	76.67	74.25	78.42	2015	11	18
19-Nov-15	75.67	72.13	77	2015	11	19
20-Nov-15	75.13	66.42	75.29	2015	11	20
21-Nov-15	73.17	67.42	73.25	2015	11	21
22-Nov-15	68.38	61.71	72.29	2015	11	22
23-Nov-15	57.58	48.33	59.46	2015	11	23
24-Nov-15	62.71	51.54	63.38	2015	11	24
25-Nov-15	68.25	63.71	68.75	2015	11	25
26-Nov-15	70.38	66.83	71.42	2015	11	26
27-Nov-15	69.5	69.08	71.63	2015	11	27
28-Nov-15	69.63	67.92	70.5	2015	11	28
29-Nov-15	68.21	65	71.13	2015	11	29
30-Nov-15	71.04	65.38	71.25	2015	11	30
1-Dec-15	71.71	67.04	73.79	2015	12	1
2-Dec-15	73.46	67.92	74.75	2015	12	2
3-Dec-15	67.5	54.5	71.08	2015	12	3
4-Dec-15	68.67	57.04	67.88	2015	12	4
5-Dec-15	70.83	60.42	70.63	2015	12	5
6-Dec-15	69.83	61.92	71.13	2015	12	6
7-Dec-15	63.29	57.92	66.17	2015	12	7
8-Dec-15	63.21	54.25	66	2015	12	8
9-Dec-15	67.29	56.58	68.63	2015	12	9
10-Dec-15	68.33	57.63	68.58	2015	12	10
11-Dec-15	66.88	60.5	68.96	2015	12	11
12-Dec-15	70.21	61.08	72.42	2015	12	12
13-Dec-15	71.04	67.83	73.67	2015	12	13
14-Dec-15	73.38	69.96	75.13	2015	12	14
15-Dec-15	72.67	63.54	74.96	2015	12	15
16-Dec-15	73.83	63.17	74.5	2015	12	16
17-Dec-15	74.63	74.33	74.92	2015	12	17
18-Dec-15	68.83	56.71	68.96	2015	12	18
19-Dec-15	55.83	45.58	56.38	2015	12	19
20-Dec-15	62.25	49.67	62.13	2015	12	20
21-Dec-15	69.13	61.71	71.25	2015	12	21
22-Dec-15	74.25	67.08	74.63	2015	12	22
23-Dec-15	75.04	72.08	75.71	2015	12	23
24-Dec-15	74.96	73.92	75.13	2015	12	24

25-Dec-15	75.17	73.33	75.42	2015	12	25
26-Dec-15	73.25	72.83	75.92	2015	12	26
27-Dec-15	73.83	73.54	76	2015	12	27
28-Dec-15	75.5	73.96	76.08	2015	12	28
29-Dec-15	75.5	73.92	76.29	2015	12	29
30-Dec-15	75.13	74.33	76.04	2015	12	30
31-Dec-15	74.71	72.21	74.92	2015	12	31
1-Jan-16	73.92	58.21	73.42	2016	1	1
2-Jan-16	65.08	50.38	66.46	2016	1	2
3-Jan-16	56.67	50.17	57.79	2016	1	3
4-Jan-16	55.25	51.04	57.29	2016	1	4
5-Jan-16	58.42	45.96	57.92	2016	1	5
6-Jan-16	59.71	49.08	59.71	2016	1	6
7-Jan-16	62.5	55.17	60.08	2016	1	7
8-Jan-16	63.5	59.83	66.63	2016	1	8
9-Jan-16	63.79	62.33	66.96	2016	1	9
10-Jan-16	64.58	54.25	65.42	2016	1	10
11-Jan-16	51.04	41.33	52	2016	1	11
12-Jan-16	52.13	42.08	54.08	2016	1	12
13-Jan-16	53.04	46.21	55.75	2016	1	13
14-Jan-16	57.63	46.71	58.63	2016	1	14
15-Jan-16	65.83	61.92	66.13	2016	1	15
16-Jan-16	63.79	58	65.92	2016	1	16
17-Jan-16	60.75	53.33	60	2016	1	17
18-Jan-16	51.63	45.71	52.38	2016	1	18
19-Jan-16	47.58	41.5	50.42	2016	1	19
20-Jan-16	50.75	43.58	51.79	2016	1	20
21-Jan-16	57.13	50.67	58.58	2016	1	21
22-Jan-16	62.25	57.46	63.08	2016	1	22
23-Jan-16	48.17	40.88	52.42	2016	1	23
24-Jan-16	43.67	40.08	46.96	2016	1	24
25-Jan-16	52.75	45.58	51.67	2016	1	25
26-Jan-16	62.33	54.21	63.08	2016	1	26
27-Jan-16	65.33	62.79	64.42	2016	1	27
28-Jan-16	63.92	55.42	63.75	2016	1	28
29-Jan-16	57.79	51.33	56.92	2016	1	29
30-Jan-16	57.38	51.79	57.17	2016	1	30
31-Jan-16	62.04	54.83	61.58	2016	1	31
1-Feb-16	70.21	61.25	69.17	2016	2	1
2-Feb-16	70.71	64.83	71.67	2016	2	2
3-Feb-16	74.13	69.13	74.83	2016	2	3
4-Feb-16	71.63	54.75	68.04	2016	2	4
5-Feb-16	52.92	46.75	54.88	2016	2	5
6-Feb-16	55.96	44.5	52.08	2016	2	6
7-Feb-16	50	47.54	51.88	2016	2	7
8-Feb-16	52.96	48.75	55.54	2016	2	8
9-Feb-16	54.83	46.29	57.04	2016	2	9

10-Feb-16	49.88	38.88	52.5	2016	2	10
11-Feb-16	51.17	50.33	52.71	2016	2	11
12-Feb-16	58.5	60.58	59.25	2016	2	12
13-Feb-16	60.08	53.21	60.08	2016	2	13
14-Feb-16	57.83	49.46	58.67	2016	2	14
15-Feb-16	64.08	57.88	65.17	2016	2	15
16-Feb-16	67	58.75	64.08	2016	2	16
17-Feb-16	61.17	56.33	60.25	2016	2	17
18-Feb-16	60.88	55.13	62.63	2016	2	18
19-Feb-16	61.83	56.83	63.96	2016	2	19
20-Feb-16	63.17	58	65.13	2016	2	20
21-Feb-16	65.13	61.75	63.83	2016	2	21
22-Feb-16	68.08	63.33	67.5	2016	2	22
23-Feb-16	69.46	66.63	71.21	2016	2	23
24-Feb-16	69.58	65.17	69.42	2016	2	24
25-Feb-16	57.79	52.5	58.38	2016	2	25
26-Feb-16	54.5	48.96	55.83	2016	2	26
27-Feb-16	54.04	48.21	54.58	2016	2	27
28-Feb-16	58.67	50.71	59.71	2016	2	28
29-Feb-16	64.25	55.96	63.83	2016	2	29
1-Mar-16	67.13	61.38	66.79	2016	3	1
2-Mar-16	68.46	62.83	67.38	2016	3	2
3-Mar-16	67.54	56.79	64.79	2016	3	3
4-Mar-16	66.88	56.42	66	2016	3	4
5-Mar-16	62.25	55.71	61.13	2016	3	5
6-Mar-16	62.83	58.21	63.5	2016	3	6
7-Mar-16	65	58.92	66.5	2016	3	7
8-Mar-16	68.29	63.58	70.33	2016	3	8
9-Mar-16	70.08	68.5	72.54	2016	3	9
10-Mar-16	73.17	70	73.46	2016	3	10
11-Mar-16	71.75	70.46	72.71	2016	3	11
12-Mar-16	72.58	70.5	73.71	2016	3	12
13-Mar-16	74.75	74.38	73.63	2016	3	13
14-Mar-16	76.96	72.92	74.29	2016	3	14
15-Mar-16	77.46	73.46	75.63	2016	3	15
16-Mar-16	76.21	77.04	74.75	2016	3	16
17-Mar-16	73.79	70.08	74	2016	3	17
18-Mar-16	73.67	67.08	72.71	2016	3	18
19-Mar-16	70.42	68.58	70.67	2016	3	19
20-Mar-16	71.71	64.71	69.96	2016	3	20
21-Mar-16	58.29	52.42	58.71	2016	3	21
22-Mar-16	59.83	53.17	61.92	2016	3	22
23-Mar-16	65.92	58	67.33	2016	3	23
24-Mar-16	69.13	64.46	72.46	2016	3	24
25-Mar-16	68.42	67.08	69	2016	3	25
26-Mar-16	74.25	68.67	76.33	2016	3	26
27-Mar-16	77.67	66.54	76.67	2016	3	27

28-Mar-16	75.5	69.96	75.08	2016	3	28
29-Mar-16	72.42	67.46	71.08	2016	3	29
30-Mar-16	71.79	67.63	72.75	2016	3	30
31-Mar-16	76.88	72.54	75.63	2016	3	31
1-Apr-16	78.75	73	77.88	2016	4	1
2-Apr-16	74.54	68.38	74.33	2016	4	2
3-Apr-16	67.25	63.33	67.5	2016	4	3
4-Apr-16	68.92	65.88	68.25	2016	4	4
5-Apr-16	71	66.33	70.71	2016	4	5
6-Apr-16	69.33	65.42	72.29	2016	4	6
7-Apr-16	70.58	71.13	71.42	2016	4	7
8-Apr-16	71.5	66.63	71.42	2016	4	8
9-Apr-16	67.33	63.17	67.29	2016	4	9
10-Apr-16	67.38	61.88	70.04	2016	4	10
11-Apr-16	70.04	65.21	72.96	2016	4	11
12-Apr-16	71.42	71.79	72.25	2016	4	12
13-Apr-16	73.29	69.33	73.67	2016	4	13
14-Apr-16	73.17	64.29	74.79	2016	4	14
15-Apr-16	72.42	63.71	73.54	2016	4	15
16-Apr-16	71.71	68.08	74.63	2016	4	16
17-Apr-16	69.46	70.04	72.75	2016	4	17
18-Apr-16	69.5	65.54	71.38	2016	4	18
19-Apr-16	69.71	66.42	71.46	2016	4	19
20-Apr-16	70.38	69.88	72.71	2016	4	20
21-Apr-16	73.13	72.42	74.63	2016	4	21
22-Apr-16	74.08	65.58	74.79	2016	4	22
23-Apr-16	75.5	71.96	73.63	2016	4	23
24-Apr-16	74.58	71.83	74.88	2016	4	24
25-Apr-16	73.96	73.63	77.33	2016	4	25
26-Apr-16	73.92	74.67	76.67	2016	4	26
27-Apr-16	75.13	75.71	76.58	2016	4	27
28-Apr-16	76.13	76.38	77.83	2016	4	28
29-Apr-16	78.08	79.5	78.75	2016	4	29
30-Apr-16	78.42	77.21	79.63	2016	4	30
1-May-16	77.63	78.25	79.25	2016	5	1
2-May-16	78.42	77.25	79.88	2016	5	2
3-May-16	78.17	77.33	79.71	2016	5	3
4-May-16	70.63	73.46	72.83	2016	5	4
5-May-16	70.83	66.71	73.38	2016	5	5
6-May-16	67.63	64.5	70.04	2016	5	6
7-May-16	68.79	67.63	71.5	2016	5	7
8-May-16	71.58	72.25	71.13	2016	5	8
9-May-16	73.25	71.13	74.54	2016	5	9
10-May-16	76.21	74.96	76.83	2016	5	10
11-May-16	77.13	76.21	78.71	2016	5	11
12-May-16	76.25	77.54	78.29	2016	5	12
13-May-16	79.13	79.54	78.33	2016	5	13

14-May-16	79.54	77.5	78.92	2016	5	14
15-May-16	75.46	75.5	76.29	2016	5	15
16-May-16	77.54	77.5	79.88	2016	5	16
17-May-16	76.88	77.75	78.08	2016	5	17
18-May-16	78.42	77.71	79	2016	5	18
19-May-16	77.33	80.54	81.21	2016	5	19
20-May-16	77.46	71.75	80.04	2016	5	20
21-May-16	79.67	75.92	78.67	2016	5	21
22-May-16	79.42	75.83	79.25	2016	5	22
23-May-16	77.71	73.79	77.88	2016	5	23
24-May-16	77.29	76.42	78.13	2016	5	24
25-May-16	77.58	78.46	81.42	2016	5	25
26-May-16	76.63	78.88	79.58	2016	5	26
27-May-16	78.13	78.63	79.63	2016	5	27
28-May-16	79.58	81.17	81.13	2016	5	28
29-May-16	78.96	82.75	80.08	2016	5	29
30-May-16	78.63	81.67	80.88	2016	5	30
31-May-16	78.79	79.29	81.63	2016	5	31
1-Jun-16	79.58	80.71	82.04	2016	6	1
2-Jun-16	81.67	82.46	82.79	2016	6	2
3-Jun-16	82.54	83.38	82.58	2016	6	3
4-Jun-16	83.25	83.58	83.13	2016	6	4
5-Jun-16	80.42	79.25	80.04	2016	6	5
6-Jun-16	78.46	77	76.88	2016	6	6
7-Jun-16	80.21	81.58	82.08	2016	6	7
8-Jun-16	81.42	83.21	82.29	2016	6	8
9-Jun-16	77.71	85.08	79.88	2016	6	9
10-Jun-16	80.71	83.54	80.67	2016	6	10
11-Jun-16	80.75	79.54	81.5	2016	6	11
12-Jun-16	80.5	81.17	82.17	2016	6	12
13-Jun-16	84	86.13	84.21	2016	6	13
14-Jun-16	83.79	85.67	84.96	2016	6	14
15-Jun-16	82.46	80.71	84.5	2016	6	15
16-Jun-16	82.08	80.71	84.54	2016	6	16
17-Jun-16	82.33	80.58	84.92	2016	6	17
18-Jun-16	81.04	80.13	83.33	2016	6	18
19-Jun-16	79.13	81.46	80.54	2016	6	19
20-Jun-16	78.92	80.96	80.46	2016	6	20
21-Jun-16	77.75	81.42	80.29	2016	6	21
22-Jun-16	81.21	81	83.58	2016	6	22
23-Jun-16	83.42	82.75	84.08	2016	6	23
24-Jun-16	84.58	84.5	84.17	2016	6	24
25-Jun-16	85.5	86.17	82.88	2016	6	25
26-Jun-16	80.96	82.58	81.92	2016	6	26
27-Jun-16	81.33	82	81.92	2016	6	27
28-Jun-16	82.04	83.17	83.42	2016	6	28
29-Jun-16	79.75	80.75	83.54	2016	6	29

30-Jun-16	80.33	77.21	83.21	2016	6	30
1-Jul-16	79.83	79.88	84.17	2016	7	1
2-Jul-16	78.71	83.71	81.33	2016	7	2
3-Jul-16	82.46	82.42	84.08	2016	7	3
4-Jul-16	84.96	85	84.92	2016	7	4
5-Jul-16	86.42	85.13	86.04	2016	7	5
6-Jul-16	86.04	82.5	86.38	2016	7	6
7-Jul-16	86.38	84.58	84.88	2016	7	7
8-Jul-16	86.46	86.88	85.33	2016	7	8
9-Jul-16	86.04	85.96	85.46	2016	7	9
10-Jul-16	83.46	82.88	84.63	2016	7	10
11-Jul-16	84.29	81.71	85.33	2016	7	11
12-Jul-16	84.21	81.5	84.54	2016	7	12
13-Jul-16	81.17	83.58	81.92	2016	7	13
14-Jul-16	82.38	83.08	83.92	2016	7	14
15-Jul-16	83.13	77.63	85.21	2016	7	15
16-Jul-16	83.79	79.75	82.46	2016	7	16
17-Jul-16	83.33	81.71	84.5	2016	7	17
18-Jul-16	83.46	81.83	84.42	2016	7	18
19-Jul-16	80.83	84.88	83.04	2016	7	19
20-Jul-16	83.5	85.29	85.21	2016	7	20
21-Jul-16	82.04	83.42	83.42	2016	7	21
22-Jul-16	82.29	82.29	82.04	2016	7	22
23-Jul-16	81.25	84	80.96	2016	7	23
24-Jul-16	82.38	83.92	80.38	2016	7	24
25-Jul-16	82.46	83.71	81.79	2016	7	25
26-Jul-16	84.46	82.92	84.08	2016	7	26
27-Jul-16	85.75	83.58	86.08	2016	7	27
28-Jul-16	86.13	84.54	85.5	2016	7	28
29-Jul-16	81.79	85.21	84.25	2016	7	29
30-Jul-16	82.25	82.83	84.13	2016	7	30
31-Jul-16	82.96	82.75	83.79	2016	7	31
1-Aug-16	83.17	80.88	83.88	2016	8	1
2-Aug-16	83.21	81.17	85.5	2016	8	2
3-Aug-16	81.5	84.46	82.5	2016	8	3
4-Aug-16	78.67	78.96	80.92	2016	8	4
5-Aug-16	80.96	79.63	81.5	2016	8	5
6-Aug-16	81.13	82.33	80.46	2016	8	6
7-Aug-16	79.58	81.21	78.83	2016	8	7
8-Aug-16	77.17	80.96	78.88	2016	8	8
9-Aug-16	78.92	80.83	77.88	2016	8	9
10-Aug-16	79.38	78.67	81.63	2016	8	10
11-Aug-16	81.42	82.29	82.88	2016	8	11
12-Aug-16	81.71	83.21	82.46	2016	8	12
13-Aug-16	80.79	83.46	83.17	2016	8	13
14-Aug-16	80.75	83.46	83.29	2016	8	14
15-Aug-16	83.54	83.08	84.63	2016	8	15

16-Aug-16	80.17	85.33	83.46	2016	8	16
17-Aug-16	83.08	85.42	83.92	2016	8	17
18-Aug-16	81.21	84.58	83.54	2016	8	18
19-Aug-16	83.33	84.29	84.04	2016	8	19
20-Aug-16	84.25	82.5	83.21	2016	8	20
21-Aug-16	85.71	80.83	83.75	2016	8	21
22-Aug-16	85.88	84.96	84.67	2016	8	22
23-Aug-16	85.63	85.04	86.79	2016	8	23
24-Aug-16	82.63	85.46	84.5	2016	8	24
25-Aug-16	83.46	84.04	85.54	2016	8	25
26-Aug-16	82.67	84.83	82.79	2016	8	26
27-Aug-16	82.17	83.04	82.54	2016	8	27
28-Aug-16	82.38	85.63	84	2016	8	28
29-Aug-16	79.83	85.54	82.13	2016	8	29
30-Aug-16	78.67	84.5	81.29	2016	8	30
31-Aug-16	78	80.83	76.04	2016	8	31
1-Sep-16	78.46	77.71	79.13	2016	9	1
2-Sep-16	80.29	82.58	80.96	2016	9	2
3-Sep-16	80.29	78.58	79.92	2016	9	3
4-Sep-16	80.71	79.25	82.29	2016	9	4
5-Sep-16	78.33	80.13	80.42	2016	9	5
6-Sep-16	79.83	78.83	82.29	2016	9	6
7-Sep-16	80.83	79.46	83.17	2016	9	7
8-Sep-16	79.92	79.96	82.67	2016	9	8
9-Sep-16	82.08	80.42	84.67	2016	9	9
10-Sep-16	82.75	81.29	85.21	2016	9	10
11-Sep-16	82.58	82.92	84.92	2016	9	11
12-Sep-16	81.67	81.5	81.79	2016	9	12
13-Sep-16	78	81.04	81.88	2016	9	13
14-Sep-16	80.17	79.79	82.54	2016	9	14
15-Sep-16	80.5	82.33	82.96	2016	9	15
16-Sep-16	81.08	82.79	83.08	2016	9	16
17-Sep-16	82.13	81.29	83.63	2016	9	17
18-Sep-16	83.21	79.79	82.75	2016	9	18
19-Sep-16	80.54	78.96	83.5	2016	9	19
20-Sep-16	79.33	83.58	82.5	2016	9	20
21-Sep-16	81.54	82.83	83.75	2016	9	21
22-Sep-16	81.33	82.21	83.29	2016	9	22
23-Sep-16	82.13	82.46	83.25	2016	9	23
24-Sep-16	82.21	80.46	83.38	2016	9	24
25-Sep-16	81.5	79.33	82.17	2016	9	25
26-Sep-16	76.92	79.46	79	2016	9	26
27-Sep-16	77.5	78.88	80.79	2016	9	27
28-Sep-16	78.54	78.08	80.21	2016	9	28
29-Sep-16	78.29	80.79	80.04	2016	9	29
30-Sep-16	78.42	72.63	81.46	2016	9	30
1-Oct-16	78.88	70.08	81.25	2016	10	1

2-Oct-16	79.21	72.88	80.25	2016	10	2
3-Oct-16	79.42	77.08	77.88	2016	10	3
4-Oct-16	78.67	79.25	80.21	2016	10	4
5-Oct-16	80.42	78.38	81.25	2016	10	5
6-Oct-16	77.75	76.83	80.13	2016	10	6
7-Oct-16	76.63	80.08	79.67	2016	10	7
8-Oct-16	80.5	81.75	80.75	2016	10	8
9-Oct-16	77.67	76.79	80.75	2016	10	9
10-Oct-16	72.29	68.46	75.83	2016	10	10
11-Oct-16	73.33	71.17	74.29	2016	10	11
12-Oct-16	75.21	73.83	76.75	2016	10	12
13-Oct-16	75.75	74.54	77.83	2016	10	13
14-Oct-16	77.17	72	78.79	2016	10	14
15-Oct-16	78.04	76.79	78	2016	10	15
16-Oct-16	77.17	76.04	79.38	2016	10	16
17-Oct-16	76.75	77.58	78.92	2016	10	17
18-Oct-16	76.67	76.17	79.08	2016	10	18
19-Oct-16	75.13	74.67	78.67	2016	10	19
20-Oct-16	74.42	73.08	77.25	2016	10	20
21-Oct-16	75.75	71.83	76.63	2016	10	21
22-Oct-16	67.04	60.17	68.63	2016	10	22
23-Oct-16	65.58	58.92	69.38	2016	10	23
24-Oct-16	67.92	61.46	70.33	2016	10	24
25-Oct-16	69.92	66.92	72.29	2016	10	25
26-Oct-16	73.17	71.83	75.25	2016	10	26
27-Oct-16	74.58	73.17	75.58	2016	10	27
28-Oct-16	74.58	72.46	75.92	2016	10	28
29-Oct-16	75.04	70.08	76.04	2016	10	29
30-Oct-16	75.08	72.5	77.21	2016	10	30
31-Oct-16	72.71	71.21	76.13	2016	10	31
1-Nov-16	73.25	70.96	76.04	2016	11	1
2-Nov-16	74.25	74.83	76.63	2016	11	2
3-Nov-16	72.83	75.46	74.92	2016	11	3
4-Nov-16	73	74.88	73.96	2016	11	4
5-Nov-16	71.79	69.13	74.46	2016	11	5
6-Nov-16	69.13	68.83	72.38	2016	11	6
7-Nov-16	71.21	71.75	72.13	2016	11	7
8-Nov-16	70.42	67.96	69.13	2016	11	8
9-Nov-16	69.63	66	68.21	2016	11	9
10-Nov-16	68.46	59.38	66.92	2016	11	10
11-Nov-16	65.63	57.96	63.33	2016	11	11
12-Nov-16	66.63	62.04	65.33	2016	11	12
13-Nov-16	68.17	64.04	65.21	2016	11	13
14-Nov-16	67.21	59.92	64.21	2016	11	14
15-Nov-16	64.38	59.5	61.96	2016	11	15
16-Nov-16	64.79	61.83	63.5	2016	11	16
17-Nov-16	64.79	60.38	63.71	2016	11	17

18-Nov-16	67.79	59.58	65.83	2016	11	18
19-Nov-16	68.17	59.75	66	2016	11	19
20-Nov-16	58.75	50.83	56.21	2016	11	20
21-Nov-16	55.67	48.71	57.04	2016	11	21
22-Nov-16	59.92	51.5	62.63	2016	11	22
23-Nov-16	67.38	58.42	66.25	2016	11	23
24-Nov-16	69.33	61.71	69.17	2016	11	24
25-Nov-16	71.17	63.58	70.58	2016	11	25
26-Nov-16	67.79	59.54	69	2016	11	26
27-Nov-16	66.29	54.04	67.67	2016	11	27
28-Nov-16	68.5	64.83	69.96	2016	11	28
29-Nov-16	73.63	72.5	72.71	2016	11	29
30-Nov-16	72.63	72.58	74.08	2016	11	30
1-Dec-16	72.63	60	72.88	2016	12	1
2-Dec-16	64.42	54.42	66.21	2016	12	2
3-Dec-16	65.5	58.54	67.25	2016	12	3
4-Dec-16	69.96	65.83	72.79	2016	12	4
5-Dec-16	74.42	72.04	75.38	2016	12	5
6-Dec-16	75.13	71.46	75.46	2016	12	6
7-Dec-16	68.75	56.33	67.71	2016	12	7
8-Dec-16	63.88	53	63.71	2016	12	8
9-Dec-16	56.08	46.5	56.88	2016	12	9
10-Dec-16	59.88	44.04	59.79	2016	12	10
11-Dec-16	65.42	56.46	66.71	2016	12	11
12-Dec-16	72.38	64	70.96	2016	12	12
13-Dec-16	71.25	65.13	68.79	2016	12	13
14-Dec-16	71	66.17	68.42	2016	12	14
15-Dec-16	68.42	57.29	68.25	2016	12	15
16-Dec-16	64.67	53.67	66.13	2016	12	16
17-Dec-16	70.96	64.5	72.08	2016	12	17
18-Dec-16	75.71	72.33	75.13	2016	12	18
19-Dec-16	76.17	54.79	75.04	2016	12	19
20-Dec-16	66.79	51.42	71.42	2016	12	20
21-Dec-16	60.13	52.58	64.75	2016	12	21
22-Dec-16	63.5	58.08	62.92	2016	12	22
23-Dec-16	67.88	62.25	70.08	2016	12	23
24-Dec-16	70	62.17	72.13	2016	12	24
25-Dec-16	71.88	66.33	73.79	2016	12	25
26-Dec-16	72.21	70	74.33	2016	12	26
27-Dec-16	71.71	67.29	72.38	2016	12	27
28-Dec-16	72.17	65.92	71.58	2016	12	28
29-Dec-16	70.58	65.71	68.83	2016	12	29
30-Dec-16	53.46	46.58	56.92	2016	12	30
31-Dec-16	57.46	47.54	59.38	2016	12	31
1-Jan-17	67.5	64.71	68.29	2017	1	1
2-Jan-17	71.71	68.63	73.29	2017	1	2
3-Jan-17	75.58	69.08	74.38	2017	1	3

4-Jan-17	70.75	58.88	68.58	2017	1	4
5-Jan-17	65.13	54.04	64.46	2017	1	5
6-Jan-17	64.92	57	67.38	2017	1	6
7-Jan-17	59.13	41.08	59.21	2017	1	7
8-Jan-17	44.08	34.67	44	2017	1	8
9-Jan-17	52.25	38.38	53.38	2017	1	9
10-Jan-17	59	46.83	59.46	2017	1	10
11-Jan-17	64.21	55.13	64.29	2017	1	11
12-Jan-17	67.54	57.54	66.46	2017	1	12
13-Jan-17	67.04	60.13	68.42	2017	1	13
14-Jan-17	67.29	60.96	69.21	2017	1	14
15-Jan-17	68.29	61.79	68.96	2017	1	15
16-Jan-17	68.04	64.79	69.29	2017	1	16
17-Jan-17	68.46	64.04	69.63	2017	1	17
18-Jan-17	69.46	66.63	67.42	2017	1	18
19-Jan-17	69.29	65.46	67.21	2017	1	19
20-Jan-17	70.29	69.25	70.5	2017	1	20
21-Jan-17	71.5	69.04	72.13	2017	1	21
22-Jan-17	73.83	70.88	75.08	2017	1	22
23-Jan-17	65.25	59.54	66.54	2017	1	23
24-Jan-17	63.71	55.88	64.54	2017	1	24
25-Jan-17	61.58	58.08	64.17	2017	1	25
26-Jan-17	70.75	63.21	71.25	2017	1	26
27-Jan-17	62.71	50.58	61.33	2017	1	27
28-Jan-17	53.38	45.46	54.33	2017	1	28
29-Jan-17	50.21	49.33	54.83	2017	1	29
30-Jan-17	53.04	48.54	57.21	2017	1	30
31-Jan-17	54.17	53.75	55.79	2017	1	31
1-Feb-17	59.58	56.75	59.13	2017	2	1
2-Feb-17	64	60.21	64.38	2017	2	2
3-Feb-17	67.71	61.5	65.25	2017	2	3
4-Feb-17	65.58	53.04	65.54	2017	2	4
5-Feb-17	64.04	54.75	60.54	2017	2	5
6-Feb-17	64.29	60.79	65.79	2017	2	6
7-Feb-17	68.92	59.92	71.29	2017	2	7
8-Feb-17	71.42	67.67	70.54	2017	2	8
9-Feb-17	73.79	64.92	71.33	2017	2	9
10-Feb-17	60.38	53.5	62.54	2017	2	10
11-Feb-17	64.58	58.63	64.5	2017	2	11
12-Feb-17	68.33	70.54	65.54	2017	2	12
13-Feb-17	69.5	65.33	68.33	2017	2	13
14-Feb-17	70.75	61.38	68.79	2017	2	14
15-Feb-17	70.29	67.54	70.21	2017	2	15
16-Feb-17	63.58	52.17	62.21	2017	2	16
17-Feb-17	61.08	52.29	59.79	2017	2	17
18-Feb-17	65.83	58.33	63.83	2017	2	18
19-Feb-17	70.58	66.58	69.25	2017	2	19

20-Feb-17	69.21	64.33	68.38	2017	2	20
21-Feb-17	68.92	64.75	69.71	2017	2	21
22-Feb-17	67.21	64.29	66.92	2017	2	22
23-Feb-17	68.21	69	68.83	2017	2	23
24-Feb-17	72.46	67.33	70.46	2017	2	24
25-Feb-17	70.13	68	70.42	2017	2	25
26-Feb-17	66.29	57.38	68.71	2017	2	26
27-Feb-17	70.17	61.67	72.54	2017	2	27
28-Feb-17	74.29	69.58	74.67	2017	2	28
1-Mar-17	74.46	73.42	74.25	2017	3	1
2-Mar-17	73	63.5	71.83	2017	3	2
3-Mar-17	65.21	55.13	65.79	2017	3	3
4-Mar-17	62.88	57.25	65.79	2017	3	4
5-Mar-17	67.08	61.29	67.96	2017	3	5
6-Mar-17	67.71	65.75	68.92	2017	3	6
7-Mar-17	68.83	65.29	70.67	2017	3	7
8-Mar-17	71.46	67	70.38	2017	3	8
9-Mar-17	72.25	64.83	70.75	2017	3	9
10-Mar-17	72.71	67.5	70.04	2017	3	10
11-Mar-17	71.67	62.17	71.29	2017	3	11
12-Mar-17	68.96	60.38	71.63	2017	3	12
13-Mar-17	69.38	50.46	67.33	2017	3	13
14-Mar-17	62.29	51.83	63.67	2017	3	14
15-Mar-17	52.63	45.21	54.21	2017	3	15
16-Mar-17	51.79	43.67	52.58	2017	3	16
17-Mar-17	57.83	52.33	59.5	2017	3	17
18-Mar-17	64.04	59.29	62.83	2017	3	18
19-Mar-17	67.04	63.96	66	2017	3	19
20-Mar-17	63.42	59.25	63.54	2017	3	20
21-Mar-17	67.58	66.71	65.67	2017	3	21
22-Mar-17	71.54	74.25	69.33	2017	3	22
23-Mar-17	71.58	68.92	72.83	2017	3	23
24-Mar-17	70.29	67.38	71.71	2017	3	24
25-Mar-17	70.17	67.79	72.04	2017	3	25
26-Mar-17	70.96	69.33	72.96	2017	3	26
27-Mar-17	71.54	69.42	72.38	2017	3	27
28-Mar-17	73.58	68.42	72.42	2017	3	28
29-Mar-17	75.33	71.67	74.29	2017	3	29
30-Mar-17	76.42	69.25	74.17	2017	3	30
31-Mar-17	76.04	74.33	73.5	2017	3	31
1-Apr-17	76.83	70.42	74.33	2017	4	1
2-Apr-17	76.63	68	75.96	2017	4	2
3-Apr-17	80.25	69.79	79.29	2017	4	3
4-Apr-17	75.58	72.54	78.79	2017	4	4
5-Apr-17	79.38	76.92	79.08	2017	4	5
6-Apr-17	75	67.29	72.04	2017	4	6
7-Apr-17	65.13	58.88	66.38	2017	4	7

8-Apr-17	64.08	57.83	66.08	2017	4	8
9-Apr-17	67.5	60.83	69.25	2017	4	9
10-Apr-17	70.75	66.21	73.13	2017	4	10
11-Apr-17	71.17	69.75	73.5	2017	4	11
12-Apr-17	73.17	69.54	73.92	2017	4	12
13-Apr-17	72.67	69.46	75.25	2017	4	13
14-Apr-17	73.13	71.17	75.17	2017	4	14
15-Apr-17	73.67	72.75	75.58	2017	4	15
16-Apr-17	73.25	71.38	74.79	2017	4	16
17-Apr-17	73.17	70.13	74.75	2017	4	17
18-Apr-17	74.21	72.46	76.88	2017	4	18
19-Apr-17	74.79	73.33	78.5	2017	4	19
20-Apr-17	73.92	73.92	76.79	2017	4	20
21-Apr-17	73.96	72.58	75.58	2017	4	21
22-Apr-17	75.54	71.67	73.33	2017	4	22
23-Apr-17	76.63	70	76.54	2017	4	23
24-Apr-17	73.33	60.92	72.79	2017	4	24
25-Apr-17	70.46	65.67	70.92	2017	4	25
26-Apr-17	71.58	68.33	75.42	2017	4	26
27-Apr-17	78.38	78	78.42	2017	4	27
28-Apr-17	80.29	76.75	80.58	2017	4	28
29-Apr-17	79.17	77.17	82.92	2017	4	29
30-Apr-17	77.54	77.13	81.29	2017	4	30
1-May-17	76.75	75.58	79.79	2017	5	1
2-May-17	74.88	71.17	81.08	2017	5	2
3-May-17	74.75	72.13	79.88	2017	5	3
4-May-17	77.04	70.38	77.67	2017	5	4
5-May-17	71.96	61.21	72.63	2017	5	5
6-May-17	67.17	63.92	69.42	2017	5	6
7-May-17	68.88	69.92	70.58	2017	5	7
8-May-17	73.38	70.58	74.96	2017	5	8
9-May-17	75.33	72.83	76.88	2017	5	9
10-May-17	76.83	75.46	78.5	2017	5	10
11-May-17	80.13	75.5	78.04	2017	5	11
12-May-17	78.58	74.25	77	2017	5	12
13-May-17	71.5	74.38	77.17	2017	5	13
14-May-17	74.63	75.13	77.42	2017	5	14
15-May-17	76.33	76.29	79.83	2017	5	15
16-May-17	77.54	79.58	82.33	2017	5	16
17-May-17	77.75	78.58	83.13	2017	5	17
18-May-17	78.08	80.21	83.75	2017	5	18
19-May-17	78.33	79.71	81.83	2017	5	19
20-May-17	80.17	80.42	82.25	2017	5	20
21-May-17	78.29	76.17	80.58	2017	5	21
22-May-17	78.46	77.13	81.42	2017	5	22
23-May-17	77.83	76.96	81.08	2017	5	23
24-May-17	75.33	72.54	79.63	2017	5	24

25-May-17	75.21	70.79	77.38	2017	5	25
26-May-17	73.42	71.54	74.92	2017	5	26
27-May-17	76.08	76.25	75.67	2017	5	27
28-May-17	78.5	81.58	79.25	2017	5	28
29-May-17	81.92	81.96	81.75	2017	5	29
30-May-17	81.25	81	81.83	2017	5	30
31-May-17	78.33	80.67	83.17	2017	5	31
1-Jun-17	77.96	80.54	82.67	2017	6	1
2-Jun-17	75.63	79	78.17	2017	6	2
3-Jun-17	76.5	78.42	79.42	2017	6	3
4-Jun-17	75.33	76.63	76.83	2017	6	4
5-Jun-17	76.79	77.58	76.71	2017	6	5
6-Jun-17	75.71	74.25	77.88	2017	6	6
7-Jun-17	73.29	74.88	78.83	2017	6	7
8-Jun-17	74.88	72.08	79.96	2017	6	8
9-Jun-17	76.67	74.33	79.25	2017	6	9
10-Jun-17	76.79	78.04	78.96	2017	6	10
11-Jun-17	77.54	76.63	79.04	2017	6	11
12-Jun-17	76.75	76.88	80.67	2017	6	12
13-Jun-17	75.21	77.5	81.25	2017	6	13
14-Jun-17	74.46	77.54	80.42	2017	6	14
15-Jun-17	73.5	76.25	79.13	2017	6	15
16-Jun-17	73.38	79.25	80.83	2017	6	16
17-Jun-17	76.96	77.88	82.21	2017	6	17
18-Jun-17	77.79	81.17	82.83	2017	6	18
19-Jun-17	76.71	78.54	79.79	2017	6	19
20-Jun-17	80.13	74.88	82.83	2017	6	20
21-Jun-17	80.88	79.33	84.63	2017	6	21
22-Jun-17	80.79	81.67	84.75	2017	6	22
23-Jun-17	79.96	82.58	83.5	2017	6	23
24-Jun-17	81.54	82.88	84.58	2017	6	24
25-Jun-17	81.71	78.21	85.38	2017	6	25
26-Jun-17	79.38	79.42	82.54	2017	6	26
27-Jun-17	76.92	77.71	84.63	2017	6	27
28-Jun-17	76.75	77.33	83.75	2017	6	28
29-Jun-17	79.21	78.29	83.92	2017	6	29
30-Jun-17	78.96	81.29	83.71	2017	6	30
1-Jul-17	77.5	83.38	82.17	2017	7	1
2-Jul-17	80	83.63	84.21	2017	7	2
3-Jul-17	80.25	84.83	84.63	2017	7	3
4-Jul-17	80.46	84.29	85.04	2017	7	4
5-Jul-17	82.75	81.21	85.75	2017	7	5
6-Jul-17	82.92	81.67	86	2017	7	6
7-Jul-17	83.38	81.46	84.58	2017	7	7
8-Jul-17	78.71	79.75	84.5	2017	7	8
9-Jul-17	80.17	78.58	84.42	2017	7	9
10-Jul-17	81.04	77.29	83.33	2017	7	10

11-Jul-17	81.71	78.63	81.79	2017	7	11
12-Jul-17	80.29	80.33	82.58	2017	7	12
13-Jul-17	81.71	80.75	84.67	2017	7	13
14-Jul-17	81.5	79.75	83.54	2017	7	14
15-Jul-17	83	78.75	85	2017	7	15
16-Jul-17	82.83	78.38	83.83	2017	7	16
17-Jul-17	79.79	79.38	82.04	2017	7	17
18-Jul-17	79.29	79.58	81.54	2017	7	18
19-Jul-17	78.79	82.42	84	2017	7	19
20-Jul-17	77.83	84.08	84	2017	7	20
21-Jul-17	76.79	80.63	82.42	2017	7	21
22-Jul-17	76.63	79.88	82.04	2017	7	22
23-Jul-17	78.5	78.29	79.38	2017	7	23
24-Jul-17	81.33	80.96	84.21	2017	7	24
25-Jul-17	83.88	81.92	84.46	2017	7	25
26-Jul-17	84	81.88	85.88	2017	7	26
27-Jul-17	81.71	82.79	86.54	2017	7	27
28-Jul-17	82	82.5	86.04	2017	7	28
29-Jul-17	81.63	81.96	85.67	2017	7	29
30-Jul-17	78.42	81.17	83	2017	7	30
31-Jul-17	75.63	80.63	79.75	2017	7	31
1-Aug-17	81.13	78.92	82.04	2017	8	1
2-Aug-17	77.42	82.46	80.17	2017	8	2
3-Aug-17	80	76.04	83.29	2017	8	3
4-Aug-17	81.83	76.25	84.75	2017	8	4
5-Aug-17	81.67	78.38	84.21	2017	8	5
6-Aug-17	82.54	79	84.92	2017	8	6
7-Aug-17	83.67	80.67	85.71	2017	8	7
8-Aug-17	84.08	79.25	85.38	2017	8	8
9-Aug-17	83.83	79.54	85.25	2017	8	9
10-Aug-17	84.13	81.92	86.08	2017	8	10
11-Aug-17	80.96	83.33	85.92	2017	8	11
12-Aug-17	79.67	81.92	84.79	2017	8	12
13-Aug-17	79.38	81.75	85.13	2017	8	13
14-Aug-17	82.33	79.67	86.04	2017	8	14
15-Aug-17	83.83	81.38	87.08	2017	8	15
16-Aug-17	81	83.42	86.75	2017	8	16
17-Aug-17	79.75	85.5	86.21	2017	8	17
18-Aug-17	80.08	85.96	83.38	2017	8	18
19-Aug-17	82	83.25	84.88	2017	8	19
20-Aug-17	80.67	83.38	86.29	2017	8	20
21-Aug-17	82.13	81.25	86.46	2017	8	21
22-Aug-17	83	81.38	87.46	2017	8	22
23-Aug-17	82.92	84.38	84.92	2017	8	23
24-Aug-17	81.46	84.5	83.17	2017	8	24
25-Aug-17	79.46	83.42	83.38	2017	8	25
26-Aug-17	79	81.17	84.04	2017	8	26

27-Aug-17	78.38	81.96	82.38	2017	8	27
28-Aug-17	78	80.33	80.83	2017	8	28
29-Aug-17	79.63	78.08	82	2017	8	29
30-Aug-17	81.75	79.79	83.25	2017	8	30
31-Aug-17	83.79	79.63	86.42	2017	8	31
1-Sep-17	80.88	79.96	84.83	2017	9	1
2-Sep-17	77.88	78.33	78.96	2017	9	2
3-Sep-17	78.38	79.08	81.33	2017	9	3
4-Sep-17	80.25	79.5	83.67	2017	9	4
5-Sep-17	80.17	79.17	83.71	2017	9	5
6-Sep-17	78.58	76.88	81.67	2017	9	6
7-Sep-17	81.21	74.5	85.04	2017	9	7
8-Sep-17	79.17	77.88	83.71	2017	9	8
9-Sep-17	78.42	76.08	83.88	2017	9	9
10-Sep-17	76.17	69.46	79.17	2017	9	10
11-Sep-17	77.71	63.63	78.92	2017	9	11
12-Sep-17	78.71	71.92	80.58	2017	9	12
13-Sep-17	79.96	75.04	80.13	2017	9	13
14-Sep-17	80.92	76.67	81.88	2017	9	14
15-Sep-17	79.88	78.75	83.13	2017	9	15
16-Sep-17	81.21	78.75	85.25	2017	9	16
17-Sep-17	79.71	79.88	83.88	2017	9	17
18-Sep-17	77.71	79	83.67	2017	9	18
19-Sep-17	78.83	79.29	83.58	2017	9	19
20-Sep-17	80.08	79.79	84.38	2017	9	20
21-Sep-17	79.42	76.75	84.17	2017	9	21
22-Sep-17	78.5	78.5	83.25	2017	9	22
23-Sep-17	78.46	80.21	82.63	2017	9	23
24-Sep-17	80.29	80.08	82.25	2017	9	24
25-Sep-17	80.83	80.21	82.88	2017	9	25
26-Sep-17	81.42	79.88	83.58	2017	9	26
27-Sep-17	81.83	79.79	84.58	2017	9	27
28-Sep-17	81.38	79.83	85.17	2017	9	28
29-Sep-17	79.54	79.96	82.5	2017	9	29
30-Sep-17	78.46	80.58	80.58	2017	9	30
1-Oct-17	77.13	73.54	81.17	2017	10	1
2-Oct-17	77.54	76.04	81.96	2017	10	2
3-Oct-17	77.54	77.29	79.96	2017	10	3
4-Oct-17	76.21	77.13	80.08	2017	10	4
5-Oct-17	74.42	78.67	79	2017	10	5
6-Oct-17	78.04	78.17	82.38	2017	10	6
7-Oct-17	81.21	81.63	85.13	2017	10	7
8-Oct-17	81.04	80.71	84.17	2017	10	8
9-Oct-17	81.04	82.08	84.42	2017	10	9
10-Oct-17	81	80.63	84.88	2017	10	10
11-Oct-17	79.33	79.04	84.29	2017	10	11
12-Oct-17	77.54	80.42	82.5	2017	10	12

13-Oct-17	78.42	78.88	81.58	2017	10	13
14-Oct-17	78.67	79.21	81.88	2017	10	14
15-Oct-17	79.79	77.33	80.96	2017	10	15
16-Oct-17	79	75.79	82.08	2017	10	16
17-Oct-17	74.67	68.08	77.88	2017	10	17
18-Oct-17	73.75	67.29	76.96	2017	10	18
19-Oct-17	75.75	72.21	78.63	2017	10	19
20-Oct-17	76.38	73.58	79.79	2017	10	20
21-Oct-17	76.29	75.46	80.21	2017	10	21
22-Oct-17	78.5	76.5	81.79	2017	10	22
23-Oct-17	77.42	75.13	79.54	2017	10	23
24-Oct-17	73.71	64.38	74.63	2017	10	24
25-Oct-17	64.46	57	68.79	2017	10	25
26-Oct-17	61.5	55.42	65.58	2017	10	26
27-Oct-17	65.63	59.04	70.75	2017	10	27
28-Oct-17	69.63	64.79	72.17	2017	10	28
29-Oct-17	63.92	51.42	65.29	2017	10	29
30-Oct-17	56.04	51	60.46	2017	10	30
31-Oct-17	61.04	56.46	65.08	2017	10	31
1-Nov-17	67.92	58.17	70	2017	11	1
2-Nov-17	70.75	63.71	71.63	2017	11	2
3-Nov-17	71.79	67.33	74.17	2017	11	3
4-Nov-17	71.92	69.5	74.25	2017	11	4
5-Nov-17	73	69.58	73.79	2017	11	5
6-Nov-17	74.13	67.63	74.17	2017	11	6
7-Nov-17	73.17	69.71	75.29	2017	11	7
8-Nov-17	73	72.58	74.04	2017	11	8
9-Nov-17	73.25	64.58	74.13	2017	11	9
10-Nov-17	68.17	61.08	69.46	2017	11	10
11-Nov-17	69.96	59.67	71.83	2017	11	11
12-Nov-17	72.75	64.29	73.42	2017	11	12
13-Nov-17	72.08	64.42	75.25	2017	11	13
14-Nov-17	69	61.42	71.29	2017	11	14
15-Nov-17	65.88	55.5	66.71	2017	11	15
16-Nov-17	64.96	55.13	66.25	2017	11	16
17-Nov-17	64.83	56.17	67.38	2017	11	17
18-Nov-17	66.67	58.46	67.63	2017	11	18
19-Nov-17	66.21	61.17	67.83	2017	11	19
20-Nov-17	63.42	48.58	65.46	2017	11	20
21-Nov-17	67.13	58.25	69.21	2017	11	21
22-Nov-17	69	63.21	70.29	2017	11	22
23-Nov-17	70.75	60.13	71	2017	11	23
24-Nov-17	63.33	58.42	64.88	2017	11	24
25-Nov-17	60.67	55.08	65.21	2017	11	25
26-Nov-17	63.17	56.13	66.75	2017	11	26
27-Nov-17	63.75	51.67	66.71	2017	11	27
28-Nov-17	69.92	59.92	71.5	2017	11	28

29-Nov-17	72.17	65.17	73.54	2017	11	29
30-Nov-17	70.13	64.42	71.25	2017	11	30
1-Dec-17	68.83	66.67	70.71	2017	12	1
2-Dec-17	69.96	66.08	69.75	2017	12	2
3-Dec-17	68.38	60.71	70.21	2017	12	3
4-Dec-17	68.5	64.13	70.88	2017	12	4
5-Dec-17	70.75	65.5	72.75	2017	12	5
6-Dec-17	71.33	62.08	71.5	2017	12	6
7-Dec-17	66.21	46.04	69.96	2017	12	7
8-Dec-17	71.38	45.21	74.38	2017	12	8
9-Dec-17	57.96	42.08	60.67	2017	12	9
10-Dec-17	49.83	38.25	51.29	2017	12	10
11-Dec-17	50.75	43.54	51.79	2017	12	11
12-Dec-17	57.04	47.5	61.29	2017	12	12
13-Dec-17	52.96	45.08	54.75	2017	12	13
14-Dec-17	56.54	50.25	62.79	2017	12	14
15-Dec-17	64.92	54.38	67.04	2017	12	15
16-Dec-17	61.88	51.29	65.25	2017	12	16
17-Dec-17	65.13	58.33	66.96	2017	12	17
18-Dec-17	70.38	70.71	69.42	2017	12	18
19-Dec-17	71.5	69.88	70.13	2017	12	19
20-Dec-17	70	70.54	70.5	2017	12	20
21-Dec-17	71.92	64.67	72.88	2017	12	21
22-Dec-17	66.67	60.75	68.58	2017	12	22
23-Dec-17	67.46	65.46	70.08	2017	12	23
24-Dec-17	69.04	66.92	69.08	2017	12	24
25-Dec-17	64	49.17	64.08	2017	12	25
26-Dec-17	62.29	49.29	62.21	2017	12	26
27-Dec-17	64.21	51.46	67.67	2017	12	27
28-Dec-17	62.29	46.46	64.79	2017	12	28
29-Dec-17	54.46	42.38	58.92	2017	12	29
30-Dec-17	55	45	56.96	2017	12	30
31-Dec-17	56.54	48.67	61	2017	12	31
1-Jan-18	53.13	38.96	53.63	2018	1	1
2-Jan-18	48.5	34	45.88	2018	1	2
3-Jan-18	46.29	35.88	46.79	2018	1	3
4-Jan-18	41.33	34.83	47.13	2018	1	4
5-Jan-18	43.04	35.29	46.33	2018	1	5
6-Jan-18	45.58	36.25	49.38	2018	1	6
7-Jan-18	51.96	40.63	53.75	2018	1	7
8-Jan-18	60.58	51.63	60.63	2018	1	8
9-Jan-18	66.21	64.58	65.04	2018	1	9
10-Jan-18	68.46	67.04	67.67	2018	1	10
11-Jan-18	70.13	67.13	67.25	2018	1	11
12-Jan-18	70.13	62.33	67.38	2018	1	12
13-Jan-18	56.33	40.29	55.25	2018	1	13
14-Jan-18	48.83	38.71	48.5	2018	1	14

15-Jan-18	52.33	42.54	54.04	2018	1	15
16-Jan-18	56.46	45.58	57.46	2018	1	16
17-Jan-18	55.38	37.67	51.96	2018	1	17
18-Jan-18	39.13	33.04	40.46	2018	1	18
19-Jan-18	49.79	38.75	50.42	2018	1	19
20-Jan-18	57.5	46.04	56.54	2018	1	20
21-Jan-18	64.29	52.54	64.54	2018	1	21
22-Jan-18	68.33	57.5	67.58	2018	1	22
23-Jan-18	70.58	60.38	67.46	2018	1	23
24-Jan-18	59.58	47.96	57.08	2018	1	24
25-Jan-18	57.58	50.88	58.46	2018	1	25
26-Jan-18	61.75	54.92	62.71	2018	1	26
27-Jan-18	67.29	63.33	67.92	2018	1	27
28-Jan-18	68.58	63.04	68.33	2018	1	28
29-Jan-18	67.29	60	65.17	2018	1	29
30-Jan-18	53.83	45.5	56.96	2018	1	30
31-Jan-18	54.88	43.63	56.25	2018	1	31
1-Feb-18	61.33	50.92	61.04	2018	2	1
2-Feb-18	63.58	55	63.21	2018	2	2
3-Feb-18	61.63	50.5	63	2018	2	3
4-Feb-18	67.38	60.79	66.29	2018	2	4
5-Feb-18	65.75	54.46	65.42	2018	2	5
6-Feb-18	65.79	58.33	67.79	2018	2	6
7-Feb-18	71.25	63.71	71.08	2018	2	7
8-Feb-18	69.42	61.71	70.04	2018	2	8
9-Feb-18	70	59.63	70.75	2018	2	9
10-Feb-18	72.46	64	73.21	2018	2	10
11-Feb-18	75.08	66.38	74.75	2018	2	11
12-Feb-18	76.13	64.46	74.75	2018	2	12
13-Feb-18	73.54	65.17	75.25	2018	2	13
14-Feb-18	67.83	63.54	71.42	2018	2	14
15-Feb-18	69.79	65.75	71.42	2018	2	15
16-Feb-18	72.04	69.54	70.75	2018	2	16
17-Feb-18	70.63	70.58	69.58	2018	2	17
18-Feb-18	69.83	70	68.83	2018	2	18
19-Feb-18	72.58	69.04	76	2018	2	19
20-Feb-18	75	70.42	77.46	2018	2	20
21-Feb-18	75.08	71.58	77.71	2018	2	21
22-Feb-18	73.88	70.21	76.54	2018	2	22
23-Feb-18	73.33	70.33	75.67	2018	2	23
24-Feb-18	72.79	68.46	74.21	2018	2	24
25-Feb-18	74.04	67.92	75.58	2018	2	25
26-Feb-18	77.25	67.5	74.71	2018	2	26
27-Feb-18	72.58	64.08	74.29	2018	2	27
28-Feb-18	70.75	66.25	73	2018	2	28
1-Mar-18	74.63	73.5	74.83	2018	3	1
2-Mar-18	71.96	65.17	72.29	2018	3	2

3-Mar-18	61.92	57.25	65.75	2018	3	3
4-Mar-18	57.92	54.29	65.21	2018	3	4
5-Mar-18	60.83	55.17	62.79	2018	3	5
6-Mar-18	66.25	59.5	64.67	2018	3	6
7-Mar-18	66.13	54.67	67.04	2018	3	7
8-Mar-18	55.17	46.71	57.33	2018	3	8
9-Mar-18	55.54	48.33	57.71	2018	3	9
10-Mar-18	60.75	51.17	60.75	2018	3	10
11-Mar-18	71.21	59.13	69.21	2018	3	11
12-Mar-18	67.5	55.75	65.88	2018	3	12
13-Mar-18	55.29	48.88	55.58	2018	3	13
14-Mar-18	57.25	49.13	55.79	2018	3	14
15-Mar-18	57.96	49	57.29	2018	3	15
16-Mar-18	59.79	56.13	57.21	2018	3	16
17-Mar-18	67.08	65.42	63.38	2018	3	17
18-Mar-18	70.04	70.17	69.83	2018	3	18
19-Mar-18	71.46	67.25	71.71	2018	3	19
20-Mar-18	71.38	72.71	73.46	2018	3	20
21-Mar-18	62.54	57.75	63.88	2018	3	21
22-Mar-18	58.54	53.04	59.5	2018	3	22
23-Mar-18	59.13	54.63	61.63	2018	3	23
24-Mar-18	63.67	59.92	65.04	2018	3	24
25-Mar-18	69.54	69.04	67.29	2018	3	25
26-Mar-18	70.04	58.63	70.96	2018	3	26
27-Mar-18	68.58	64.33	72.92	2018	3	27
28-Mar-18	69.04	65.88	71	2018	3	28
29-Mar-18	72.5	66.5	73.17	2018	3	29
30-Mar-18	73	66.08	73.5	2018	3	30
31-Mar-18	69.33	63.5	70.42	2018	3	31
1-Apr-18	70.42	63.33	73.08	2018	4	1
2-Apr-18	74.63	66.54	73.71	2018	4	2
3-Apr-18	76	70.13	75.29	2018	4	3
4-Apr-18	75.88	67.17	73.88	2018	4	4
5-Apr-18	71.08	59.58	71.54	2018	4	5
6-Apr-18	72.25	64.17	74.04	2018	4	6
7-Apr-18	74.29	67.08	73.58	2018	4	7
8-Apr-18	70	61.58	73.88	2018	4	8
9-Apr-18	76.25	66.88	78.63	2018	4	9
10-Apr-18	69	61.54	73.58	2018	4	10
11-Apr-18	66.75	61.58	69.38	2018	4	11
12-Apr-18	68.67	62.63	71.5	2018	4	12
13-Apr-18	71.92	66.21	75.33	2018	4	13
14-Apr-18	75.42	70.75	76.75	2018	4	14
15-Apr-18	76.71	66.17	74.63	2018	4	15
16-Apr-18	63.25	56.04	64.67	2018	4	16
17-Apr-18	64.92	58.88	65.96	2018	4	17
18-Apr-18	69.96	66.88	70.04	2018	4	18

19-Apr-18	73.17	73.08	70.67	2018	4	19
20-Apr-18	72.75	66.92	71.88	2018	4	20
21-Apr-18	73.29	69.88	75.54	2018	4	21
22-Apr-18	74	72.17	77.33	2018	4	22
23-Apr-18	75.83	73.58	77.67	2018	4	23
24-Apr-18	75.71	66.25	76.08	2018	4	24
25-Apr-18	71.21	67.92	73.96	2018	4	25
26-Apr-18	70.67	67.71	72.92	2018	4	26
27-Apr-18	74.13	66.92	75	2018	4	27
28-Apr-18	73.08	66.67	73.5	2018	4	28
29-Apr-18	73.33	70.5	76.96	2018	4	29
30-Apr-18	73.08	71.21	79.29	2018	4	30
1-May-18	72.88	71.75	77.96	2018	5	1
2-May-18	72.58	72.46	77.96	2018	5	2
3-May-18	74.96	72.75	78.33	2018	5	3
4-May-18	75.17	74.29	78.42	2018	5	4
5-May-18	75.25	74.54	78.29	2018	5	5
6-May-18	75.04	78	79.08	2018	5	6
7-May-18	78.13	74.92	79.92	2018	5	7
8-May-18	75.33	73.71	79.83	2018	5	8
9-May-18	75.79	74.75	79.71	2018	5	9
10-May-18	75.83	77.79	79.54	2018	5	10
11-May-18	78.58	78.67	80.83	2018	5	11
12-May-18	73.88	82.17	80.79	2018	5	12
13-May-18	74.83	80.04	76.54	2018	5	13
14-May-18	71.88	73.96	74.08	2018	5	14
15-May-18	74.92	74.42	79.17	2018	5	15
16-May-18	74.42	73.79	79.08	2018	5	16
17-May-18	73.71	74.38	80.21	2018	5	17
18-May-18	75.5	75.88	80.04	2018	5	18
19-May-18	74.29	79.04	78.17	2018	5	19
20-May-18	73.17	75.21	75.04	2018	5	20
21-May-18	74.46	76.29	77.08	2018	5	21
22-May-18	75.42	76.21	78.04	2018	5	22
23-May-18	77.88	76.54	79.33	2018	5	23
24-May-18	79.58	77.5	78.58	2018	5	24
25-May-18	77.08	79.75	76.83	2018	5	25
26-May-18	76.42	76.83	73.58	2018	5	26
27-May-18	76.54	75.13	76.92	2018	5	27
28-May-18	78.75	77.46	78.75	2018	5	28
29-May-18	78.29	77.67	78.46	2018	5	29
30-May-18	75.63	78.46	76.17	2018	5	30
31-May-18	75.67	79.17	79.58	2018	5	31
1-Jun-18	79.5	80.33	79.96	2018	6	1
2-Jun-18	81.25	78.63	80.5	2018	6	2
3-Jun-18	80.21	84.04	81.42	2018	6	3
4-Jun-18	84.04	83.71	82.38	2018	6	4

5-Jun-18	82.21	76.21	82.08	2018	6	5
6-Jun-18	77.58	75.79	77.88	2018	6	6
7-Jun-18	77.88	79.67	79.08	2018	6	7
8-Jun-18	75.46	77.08	78.38	2018	6	8
9-Jun-18	78.5	76.63	80	2018	6	9
10-Jun-18	79.67	75.58	80.92	2018	6	10
11-Jun-18	78.08	76.29	80.42	2018	6	11
12-Jun-18	77.67	79.13	78.92	2018	6	12
13-Jun-18	79.75	77.63	81.04	2018	6	13
14-Jun-18	78.96	75.13	80.38	2018	6	14
15-Jun-18	78.71	77.29	81.96	2018	6	15
16-Jun-18	79.17	77.88	80.96	2018	6	16
17-Jun-18	80.96	82.13	83.79	2018	6	17
18-Jun-18	82.5	83.88	83.67	2018	6	18
19-Jun-18	81.46	86.17	82.79	2018	6	19
20-Jun-18	81.13	87.38	83.42	2018	6	20
21-Jun-18	79.38	86.42	82.88	2018	6	21
22-Jun-18	81.08	82	83.5	2018	6	22
23-Jun-18	80.96	84.04	84.33	2018	6	23
24-Jun-18	79.79	83.58	82.21	2018	6	24
25-Jun-18	80.5	83.21	80.38	2018	6	25
26-Jun-18	81.25	81.25	82.33	2018	6	26
27-Jun-18	78.67	81.67	82.71	2018	6	27
28-Jun-18	79.83	81.71	81.42	2018	6	28
29-Jun-18	77.67	81.54	80.29	2018	6	29
30-Jun-18	76	80.5	77.67	2018	6	30
1-Jul-18	79.38	76.96	81.67	2018	7	1
2-Jul-18	82.04	80.17	82.5	2018	7	2
3-Jul-18	82.25	83.71	80.5	2018	7	3
4-Jul-18	78.46	80.29	79.83	2018	7	4
5-Jul-18	77	81.58	78.79	2018	7	5
6-Jul-18	76.5	80.33	79.58	2018	7	6
7-Jul-18	77.67	78.63	80.46	2018	7	7
8-Jul-18	80.33	78.67	82.5	2018	7	8
9-Jul-18	80.96	80.13	83.46	2018	7	9
10-Jul-18	82.5	83.54	83	2018	7	10
11-Jul-18	83.96	83.79	81.88	2018	7	11
12-Jul-18	82.75	82.71	81.58	2018	7	12
13-Jul-18	82.71	84.13	82.71	2018	7	13
14-Jul-18	83.5	80.58	82.96	2018	7	14
15-Jul-18	83.5	81.42	81.88	2018	7	15
16-Jul-18	82.63	80.08	83.46	2018	7	16
17-Jul-18	81.71	80.58	83.5	2018	7	17
18-Jul-18	79.17	80.83	81.92	2018	7	18
19-Jul-18	79.71	78.96	82.42	2018	7	19
20-Jul-18	78.79	79.75	80.42	2018	7	20
21-Jul-18	81.38	79.25	82.5	2018	7	21

22-Jul-18	79.75	83.58	85	2018	7	22
23-Jul-18	79.25	82.21	79.83	2018	7	23
24-Jul-18	78.67	78.58	82.67	2018	7	24
25-Jul-18	80.08	80.92	81.88	2018	7	25
26-Jul-18	80.79	82.75	82.67	2018	7	26
27-Jul-18	80.92	79.38	83.96	2018	7	27
28-Jul-18	79.54	81.67	82.29	2018	7	28
29-Jul-18	79.04	80.63	79.67	2018	7	29
30-Jul-18	79.75	80.21	77.88	2018	7	30
31-Jul-18	78.67	78.46	79.33	2018	7	31
1-Aug-18	80.71	75.63	80.71	2018	8	1
2-Aug-18	81.96	74.42	80.88	2018	8	2
3-Aug-18	81.29	78.75	81.5	2018	8	3
4-Aug-18	82.79	80.58	84.25	2018	8	4
5-Aug-18	82.83	83.5	82.96	2018	8	5
6-Aug-18	82.38	80.54	82.96	2018	8	6
7-Aug-18	83.33	81.58	82.79	2018	8	7
8-Aug-18	82.71	82.5	83.92	2018	8	8
9-Aug-18	79.08	79.67	85.17	2018	8	9
10-Aug-18	78.29	80.63	85	2018	8	10
11-Aug-18	80.25	81.29	80.38	2018	8	11
12-Aug-18	78.96	82.92	82.08	2018	8	12
13-Aug-18	80.29	80.54	81.71	2018	8	13
14-Aug-18	80.5	79.42	81.96	2018	8	14
15-Aug-18	81.79	79.08	81.79	2018	8	15
16-Aug-18	83.58	79.92	83.42	2018	8	16
17-Aug-18	83.25	79.88	84.13	2018	8	17
18-Aug-18	82.88	80.17	85.25	2018	8	18
19-Aug-18	81.71	79.21	82.71	2018	8	19
20-Aug-18	81.5	79.17	83.13	2018	8	20
21-Aug-18	81.5	79.08	83.25	2018	8	21
22-Aug-18	79.71	82.75	83.63	2018	8	22
23-Aug-18	79.54	80.5	83.58	2018	8	23
24-Aug-18	79.79	81	81.17	2018	8	24
25-Aug-18	80.5	81.13	80.92	2018	8	25
26-Aug-18	81.67	82.04	81.08	2018	8	26
27-Aug-18	80.04	80.25	83.58	2018	8	27
28-Aug-18	78.46	79.63	81.67	2018	8	28
29-Aug-18	77.5	75.63	78.5	2018	8	29
30-Aug-18	79.5	75.33	78.21	2018	8	30
31-Aug-18	82.71	77.25	80.63	2018	8	31
1-Sep-18	81.92	80.29	83.71	2018	9	1
2-Sep-18	80.25	81.08	81.71	2018	9	2
3-Sep-18	78.13	78.83	80.17	2018	9	3
4-Sep-18	82.29	77.38	81.58	2018	9	4
5-Sep-18	82.46	81	83.25	2018	9	5
6-Sep-18	81.42	81.92	80.25	2018	9	6

7-Sep-18	78.92	81.75	79.29	2018	9	7
8-Sep-18	77.96	79.88	80.13	2018	9	8
9-Sep-18	79.58	80	79.21	2018	9	9
10-Sep-18	80.63	78.83	80.33	2018	9	10
11-Sep-18	81.08	81.21	83.13	2018	9	11
12-Sep-18	83.46	80.63	84.33	2018	9	12
13-Sep-18	82.5	82.58	81.75	2018	9	13
14-Sep-18	83.67	83.83	82.5	2018	9	14
15-Sep-18	83.63	85.04	84.29	2018	9	15
16-Sep-18	83.5	84.13	84.58	2018	9	16
17-Sep-18	83	79.5	84.17	2018	9	17
18-Sep-18	83.29	79.71	83.13	2018	9	18
19-Sep-18	81.67	80.04	83.92	2018	9	19
20-Sep-18	81.79	82.54	82.33	2018	9	20
21-Sep-18	81.5	82.96	80.83	2018	9	21
22-Sep-18	80.54	82.17	83.08	2018	9	22
23-Sep-18	80.29	79.79	81.29	2018	9	23
24-Sep-18	80.92	81.17	82.25	2018	9	24
25-Sep-18	82.17	79.21	83.04	2018	9	25
26-Sep-18	82.71	80.17	83.33	2018	9	26
27-Sep-18	82.54	80.21	83.08	2018	9	27
28-Sep-18	83.42	78.29	82.83	2018	9	28
29-Sep-18	82.63	79.75	84.21	2018	9	29
30-Sep-18	82.29	80.67	84.17	2018	9	30
1-Oct-18	80.08	80.38	82.63	2018	10	1
2-Oct-18	80.13	80.25	82.42	2018	10	2
3-Oct-18	79.29	80.13	82.17	2018	10	3
4-Oct-18	79	78.63	81.92	2018	10	4
5-Oct-18	80.29	77.96	82.42	2018	10	5
6-Oct-18	79.75	77.38	80.92	2018	10	6
7-Oct-18	79.54	78.92	80.71	2018	10	7
8-Oct-18	77.96	79.25	79.75	2018	10	8
9-Oct-18	80.08	79.67	81.75	2018	10	9
10-Oct-18	81.67	79.29	81.29	2018	10	10
11-Oct-18	81.08	80	82.21	2018	10	11
12-Oct-18	79.71	70.75	78.25	2018	10	12
13-Oct-18	76.83	68.88	76.92	2018	10	13
14-Oct-18	78.63	73.13	81.25	2018	10	14
15-Oct-18	80.96	77.83	82.71	2018	10	15
16-Oct-18	81	79.29	83.25	2018	10	16
17-Oct-18	80.96	78.33	82.75	2018	10	17
18-Oct-18	80	77.96	82.33	2018	10	18
19-Oct-18	77.29	76.04	80.96	2018	10	19
20-Oct-18	79.33	76.21	80.46	2018	10	20
21-Oct-18	74.54	66.54	78.13	2018	10	21
22-Oct-18	72.96	64.46	74.92	2018	10	22
23-Oct-18	74.25	67.29	76.25	2018	10	23

24-Oct-18	74.38	68.54	76.96	2018	10	24
25-Oct-18	73.83	66.17	75.92	2018	10	25
26-Oct-18	75.71	72.08	77.29	2018	10	26
27-Oct-18	69.29	60.25	72.58	2018	10	27
28-Oct-18	64.67	60.33	67.04	2018	10	28
29-Oct-18	67.88	67.29	68.83	2018	10	29
30-Oct-18	71.75	63.29	74.38	2018	10	30
31-Oct-18	71.38	65.29	74.29	2018	10	31
1-Nov-18	73.25	69.75	75.67	2018	11	1
2-Nov-18	72.58	66.5	74.04	2018	11	2
3-Nov-18	64.88	55.25	66.42	2018	11	3
4-Nov-18	71.79	59.08	72.29	2018	11	4
5-Nov-18	74.46	71.08	76.58	2018	11	5
6-Nov-18	76.42	74.96	75.92	2018	11	6
7-Nov-18	75.67	74.21	76.96	2018	11	7
8-Nov-18	77.96	70.42	78.04	2018	11	8
9-Nov-18	77.33	69.79	77.83	2018	11	9
10-Nov-18	73.92	58.75	75.58	2018	11	10
11-Nov-18	72.96	59	75.21	2018	11	11
12-Nov-18	75.92	65.29	77.92	2018	11	12
13-Nov-18	75.83	67.17	77.17	2018	11	13
14-Nov-18	76.92	58.79	77.33	2018	11	14
15-Nov-18	67.63	47.88	66.38	2018	11	15
16-Nov-18	55.58	43.96	57.46	2018	11	16
17-Nov-18	61.21	49.83	61.29	2018	11	17
18-Nov-18	68.38	54.46	67.54	2018	11	18
19-Nov-18	70.92	57.79	71.13	2018	11	19
20-Nov-18	70.29	61.25	70.29	2018	11	20
21-Nov-18	65.46	52.42	65.29	2018	11	21
22-Nov-18	63.29	51.33	63.58	2018	11	22
23-Nov-18	69.42	58.5	68.13	2018	11	23
24-Nov-18	72.38	63.63	71.71	2018	11	24
25-Nov-18	69.5	57.33	69.04	2018	11	25
26-Nov-18	70.96	60.04	72	2018	11	26
27-Nov-18	56.25	43.29	58.21	2018	11	27
28-Nov-18	48.54	40.33	51.58	2018	11	28
29-Nov-18	52.58	47.21	56.21	2018	11	29
30-Nov-18	63.48	55.35	65.13	2018	11	30
1-Dec-18	72.04	65.5	72.5	2018	12	1
2-Dec-18	76.58	74.33	76.88	2018	12	2
3-Dec-18	74.92	65.75	77.13	2018	12	3
4-Dec-18	68.42	53.58	69.67	2018	12	4
5-Dec-18	54.42	44.46	56.13	2018	12	5
6-Dec-18	54.92	43.08	55.92	2018	12	6
7-Dec-18	61.42	48.88	62.79	2018	12	7
8-Dec-18	67.08	56.63	66.83	2018	12	8
9-Dec-18	67.92	58.58	69.25	2018	12	9

10-Dec-18	54.13	45.13	57.13	2018	12	10
11-Dec-18	48.46	44.54	51.79	2018	12	11
12-Dec-18	52.67	41.71	53.88	2018	12	12
13-Dec-18	64.54	54.79	65.71	2018	12	13
14-Dec-18	71.25	63.42	70.67	2018	12	14
15-Dec-18	64.96	60.17	66.04	2018	12	15
16-Dec-18	60.46	55.63	61.67	2018	12	16
17-Dec-18	56.25	52.17	57.13	2018	12	17
18-Dec-18	58.42	51.58	59.13	2018	12	18
19-Dec-18	62.04	54.29	59.88	2018	12	19
20-Dec-18	64.5	59.33	63.67	2018	12	20
21-Dec-18	59.88	50.79	59.96	2018	12	21
22-Dec-18	53.38	47.54	55.5	2018	12	22
23-Dec-18	54.42	47.63	52.79	2018	12	23
24-Dec-18	57.42	53.13	57.58	2018	12	24
25-Dec-18	61.58	48.83	61.21	2018	12	25
26-Dec-18	64.92	54.79	64.83	2018	12	26
27-Dec-18	70.25	63	69.71	2018	12	27
28-Dec-18	74.92	67.79	73.88	2018	12	28
29-Dec-18	73.21	67.08	71.33	2018	12	29
30-Dec-18	73.79	67.83	71.04	2018	12	30
31-Dec-18	73.29	68.96	70.92	2018	12	31
1-Jan-19	72.17	72.25	69.5	2019	1	1
2-Jan-19	71.88	67.88	70.71	2019	1	2
3-Jan-19	71.92	66.08	70.38	2019	1	3
4-Jan-19	71.29	64.46	69.5	2019	1	4
5-Jan-19	62.33	51	61.5	2019	1	5
6-Jan-19	58.79	51.83	60.08	2019	1	6
7-Jan-19	64.79	52.75	64.38	2019	1	7
8-Jan-19	66.79	56.63	64.21	2019	1	8
9-Jan-19	63.46	55.04	62.58	2019	1	9
10-Jan-19	51.58	46.92	53.67	2019	1	10
11-Jan-19	58.63	45.21	58.38	2019	1	11
12-Jan-19	65.33	58.67	65.79	2019	1	12
13-Jan-19	68.08	62.83	66.75	2019	1	13
14-Jan-19	59.63	48.96	59.21	2019	1	14
15-Jan-19	53.13	44.17	52.75	2019	1	15
16-Jan-19	51	42.88	51.46	2019	1	16
17-Jan-19	57.63	48.29	56.63	2019	1	17
18-Jan-19	61.79	59.67	59.25	2019	1	18
19-Jan-19	64.5	64.5	65.17	2019	1	19
20-Jan-19	58.88	46.21	58.63	2019	1	20
21-Jan-19	48.33	42.71	52.13	2019	1	21
22-Jan-19	59.54	52.83	61.21	2019	1	22
23-Jan-19	68.04	64.96	68.79	2019	1	23
24-Jan-19	67.88	54.25	66.21	2019	1	24
25-Jan-19	52.79	44.58	54.21	2019	1	25

26-Jan-19	53.88	44.83	54.79	2019	1	26
27-Jan-19	53.42	47.88	51.04	2019	1	27
28-Jan-19	49.88	46.04	50.29	2019	1	28
29-Jan-19	55.79	44.54	52.33	2019	1	29
30-Jan-19	51.42	39.08	52.79	2019	1	30
31-Jan-19	54.71	44.38	53.54	2019	1	31
1-Feb-19	63.88	52.46	63.38	2019	2	1
2-Feb-19	67.54	60.58	66.96	2019	2	2
3-Feb-19	65.13	60.38	65.46	2019	2	3
4-Feb-19	61.17	58.83	63.29	2019	2	4
5-Feb-19	63.29	61.33	63.17	2019	2	5
6-Feb-19	66.42	62.88	66.5	2019	2	6
7-Feb-19	68.33	63.92	67.58	2019	2	7
8-Feb-19	69.33	61.5	68.79	2019	2	8
9-Feb-19	66.5	58.17	67.88	2019	2	9
10-Feb-19	67.67	59.75	70.29	2019	2	10
11-Feb-19	71.5	64	71.88	2019	2	11
12-Feb-19	73.54	65.5	73.79	2019	2	12
13-Feb-19	59.58	53.33	59.88	2019	2	13
14-Feb-19	60.54	47.46	59.96	2019	2	14
15-Feb-19	65.88	54.13	64.92	2019	2	15
16-Feb-19	67.63	67.21	67.21	2019	2	16
17-Feb-19	72.42	68.92	72.83	2019	2	17
18-Feb-19	73.63	65.67	74.88	2019	2	18
19-Feb-19	73.71	64.71	73.83	2019	2	19
20-Feb-19	75.71	64.54	75.88	2019	2	20
21-Feb-19	73.83	73.17	74.88	2019	2	21
22-Feb-19	76	70.29	75.63	2019	2	22
23-Feb-19	77.96	73.33	76	2019	2	23
24-Feb-19	77.04	70.75	74.83	2019	2	24
25-Feb-19	67.96	60.13	68.83	2019	2	25
26-Feb-19	66.79	62.58	67.83	2019	2	26
27-Feb-19	70.04	63.67	68.46	2019	2	27
28-Feb-19	70.08	62.04	67.33	2019	2	28
1-Mar-19	71.17	64.42	69.54	2019	3	1
2-Mar-19	73.58	67.54	70.54	2019	3	2
3-Mar-19	74.38	71.08	70.04	2019	3	3
4-Mar-19	73.96	52.92	69.33	2019	3	4
5-Mar-19	58.5	46.25	57.5	2019	3	5
6-Mar-19	51.25	43.96	52.79	2019	3	6
7-Mar-19	57.04	48.38	58.58	2019	3	7
8-Mar-19	65.5	56.17	65	2019	3	8
9-Mar-19	70.75	64.71	70.38	2019	3	9
10-Mar-19	75.17	67.54	72.08	2019	3	10
11-Mar-19	75.71	70.71	71.33	2019	3	11
12-Mar-19	69.67	68.21	69.29	2019	3	12
13-Mar-19	69.29	67.08	71.67	2019	3	13

14-Mar-19	71.38	68.92	72.58	2019	3	14
15-Mar-19	72.75	70.17	73.42	2019	3	15
16-Mar-19	71.04	59.33	72.04	2019	3	16
17-Mar-19	64.25	55.79	67.08	2019	3	17
18-Mar-19	61.71	55.42	64.21	2019	3	18
19-Mar-19	60.17	58.38	59.88	2019	3	19
20-Mar-19	63.46	57.42	64.63	2019	3	20
21-Mar-19	64.79	53.71	64.33	2019	3	21
22-Mar-19	64.29	55.88	63.88	2019	3	22
23-Mar-19	64.21	57	61.88	2019	3	23
24-Mar-19	68.5	60.54	68.83	2019	3	24
25-Mar-19	71.29	65.04	70.63	2019	3	25
26-Mar-19	71.21	65.38	69.79	2019	3	26
27-Mar-19	62.71	60.46	64.54	2019	3	27
28-Mar-19	66.71	62.25	66.46	2019	3	28
29-Mar-19	67.83	61.42	68.17	2019	3	29
30-Mar-19	69.75	65.83	70.79	2019	3	30
31-Mar-19	72.21	63	70.33	2019	3	31
1-Apr-19	67.63	52.33	68.29	2019	4	1
2-Apr-19	66.5	57.38	66.13	2019	4	2
3-Apr-19	65.29	58.63	67.25	2019	4	3
4-Apr-19	70.17	65.67	72.46	2019	4	4
5-Apr-19	73.88	66.04	73.38	2019	4	5
6-Apr-19	76.29	73.54	75.92	2019	4	6
7-Apr-19	76.5	72.71	77.08	2019	4	7
8-Apr-19	77.75	70.25	75.33	2019	4	8
9-Apr-19	75.88	72.13	74.96	2019	4	9
10-Apr-19	73.04	71.83	71.92	2019	4	10
11-Apr-19	73.75	72.33	74.33	2019	4	11
12-Apr-19	77.92	72.21	76.96	2019	4	12
13-Apr-19	79.04	73.04	79	2019	4	13
14-Apr-19	79.29	73.25	78.21	2019	4	14
15-Apr-19	72.04	62.21	69.13	2019	4	15
16-Apr-19	69.83	62.67	71.13	2019	4	16
17-Apr-19	72.88	67.21	73.29	2019	4	17
18-Apr-19	77.21	71.08	77.13	2019	4	18
19-Apr-19	74.42	70.33	74.33	2019	4	19
20-Apr-19	65.92	59.38	67.25	2019	4	20
21-Apr-19	66.29	60.29	66.38	2019	4	21
22-Apr-19	68.75	64.79	68.63	2019	4	22
23-Apr-19	71.13	68.96	70.96	2019	4	23
24-Apr-19	73.33	68.58	72.04	2019	4	24
25-Apr-19	74.17	67.58	73.46	2019	4	25
26-Apr-19	75.25	69	73.83	2019	4	26
27-Apr-19	74.08	66	73.25	2019	4	27
28-Apr-19	74.71	65.75	74.75	2019	4	28
29-Apr-19	75.58	72.42	78.04	2019	4	29

30-Apr-19	77.92	75.21	78.63	2019	4	30
1-May-19	76.75	77.67	78.5	2019	5	1
2-May-19	76.5	75.5	77	2019	5	2
3-May-19	78.75	76.54	76.54	2019	5	3
4-May-19	76	74.92	78.33	2019	5	4
5-May-19	74.58	75.38	77.17	2019	5	5
6-May-19	78.21	75.75	77.38	2019	5	6
7-May-19	78.67	76.17	79.04	2019	5	7
8-May-19	77.83	77.96	80.33	2019	5	8
9-May-19	76.79	78.08	78.88	2019	5	9
10-May-19	78.83	75.58	78.71	2019	5	10
11-May-19	79.46	78.13	79	2019	5	11
12-May-19	78.42	73.96	79.92	2019	5	12
13-May-19	74	74.58	77.29	2019	5	13
14-May-19	72.67	72.83	75.21	2019	5	14
15-May-19	75.54	71.17	76.79	2019	5	15
16-May-19	75.58	74.13	78.92	2019	5	16
17-May-19	75.83	75.13	79.13	2019	5	17
18-May-19	75.88	78.08	78.46	2019	5	18
19-May-19	77.63	79.08	79.63	2019	5	19
20-May-19	79.88	78.13	80.88	2019	5	20
21-May-19	80.17	79	81.29	2019	5	21
22-May-19	79.54	80.71	82.96	2019	5	22
23-May-19	79.13	82.75	81.13	2019	5	23
24-May-19	78.5	82.21	80.54	2019	5	24
25-May-19	80.04	82.67	80.88	2019	5	25
26-May-19	81	84.13	80.83	2019	5	26
27-May-19	82.33	84.5	82.13	2019	5	27
28-May-19	83.46	85.63	83.79	2019	5	28
29-May-19	81.42	84.63	81.08	2019	5	29
30-May-19	82.42	81.21	81.71	2019	5	30
31-May-19	83.79	81.92	82.46	2019	5	31
1-Jun-19	83.42	80.63	82.58	2019	6	1
2-Jun-19	82.58	81.88	82.71	2019	6	2
3-Jun-19	83.83	83.92	83.29	2019	6	3
4-Jun-19	83.17	85.42	83.83	2019	6	4
5-Jun-19	83	84.04	82.71	2019	6	5
6-Jun-19	80	78.33	83.04	2019	6	6
7-Jun-19	82.63	78.63	83.33	2019	6	7
8-Jun-19	79.83	76.71	81.96	2019	6	8
9-Jun-19	78.21	78.42	79.33	2019	6	9
10-Jun-19	76.92	79.5	78.38	2019	6	10
11-Jun-19	78.67	78	80.88	2019	6	11
12-Jun-19	78.75	78.33	82.17	2019	6	12
13-Jun-19	77	78.17	80.13	2019	6	13
14-Jun-19	78.46	79.21	78.71	2019	6	14
15-Jun-19	80.67	81	80.04	2019	6	15

16-Jun-19	78.29	81.63	78.38	2019	6	16
17-Jun-19	77.67	78.63	78.83	2019	6	17
18-Jun-19	79.08	77.96	81.5	2019	6	18
19-Jun-19	77.71	78.5	79.71	2019	6	19
20-Jun-19	82.75	83.17	83.88	2019	6	20
21-Jun-19	85.67	85.96	84.33	2019	6	21
22-Jun-19	84.88	82.17	83.58	2019	6	22
23-Jun-19	83.79	82.29	83.83	2019	6	23
24-Jun-19	86.08	84.63	82.83	2019	6	24
25-Jun-19	86.17	85.46	84.96	2019	6	25
26-Jun-19	84.75	84.5	86.29	2019	6	26
27-Jun-19	83.29	80.38	84.38	2019	6	27
28-Jun-19	81.88	82.38	82.25	2019	6	28
29-Jun-19	78.33	78.38	79.33	2019	6	29
30-Jun-19	81.58	81.04	81.46	2019	6	30
1-Jul-19	83.75	84.71	84.29	2019	7	1
2-Jul-19	85.83	85.25	84.88	2019	7	2
3-Jul-19	85.29	84.96	83.5	2019	7	3
4-Jul-19	82.29	84.92	82.83	2019	7	4
5-Jul-19	83.92	81.25	82.08	2019	7	5
6-Jul-19	80.5	77.5	81.04	2019	7	6
7-Jul-19	78.21	80	79.29	2019	7	7
8-Jul-19	79.29	80.17	79.38	2019	7	8
9-Jul-19	80.08	80.21	79	2019	7	9
10-Jul-19	81.25	81	80	2019	7	10
11-Jul-19	79.67	80.58	80.04	2019	7	11
12-Jul-19	78.63	77.92	78.83	2019	7	12
13-Jul-19	79.58	81.46	81.42	2019	7	13
14-Jul-19	84.71	83.79	84.42	2019	7	14
15-Jul-19	82.13	84.21	83.54	2019	7	15
16-Jul-19	83.75	84.42	83.83	2019	7	16
17-Jul-19	83.04	83.29	81.67	2019	7	17
18-Jul-19	81.29	83.38	81.13	2019	7	18
19-Jul-19	82.13	79.29	81.63	2019	7	19
20-Jul-19	81.42	79.29	81.08	2019	7	20
21-Jul-19	80.21	80.75	79.21	2019	7	21
22-Jul-19	81.29	79.25	79.25	2019	7	22
23-Jul-19	80.08	77.88	80.33	2019	7	23
24-Jul-19	78.29	78.88	78.13	2019	7	24
25-Jul-19	77.88	79.83	76.71	2019	7	25
26-Jul-19	77.38	81.17	77.29	2019	7	26
27-Jul-19	79.96	81.33	79.71	2019	7	27
28-Jul-19	82.33	82.46	82.79	2019	7	28
29-Jul-19	81.96	81.17	81.88	2019	7	29
30-Jul-19	82	81.33	82.63	2019	7	30
31-Jul-19	80.79	82.71	82.46	2019	7	31
1-Aug-19	78.17	80.92	79.42	2019	8	1

2-Aug-19	79.04	79.04	78.96	2019	8	2
3-Aug-19	79.08	79.71	80.83	2019	8	3
4-Aug-19	81.63	81.75	82.88	2019	8	4
5-Aug-19	79.33	79.46	82.04	2019	8	5
6-Aug-19	77.96	80.38	83.17	2019	8	6
7-Aug-19	77.46	82.79	81.5	2019	8	7
8-Aug-19	80.08	82.96	83.88	2019	8	8
9-Aug-19	81.71	84.33	84.75	2019	8	9
10-Aug-19	82.13	83.92	85.21	2019	8	10
11-Aug-19	82.5	84.79	84.46	2019	8	11
12-Aug-19	81	83.79	84.25	2019	8	12
13-Aug-19	80.71	83.96	81.25	2019	8	13
14-Aug-19	80.71	83.75	82.54	2019	8	14
15-Aug-19	79.17	82.17	81.92	2019	8	15
16-Aug-19	78.13	81.54	78.71	2019	8	16
17-Aug-19	79.46	79.58	78.25	2019	8	17
18-Aug-19	81.63	78.21	81.08	2019	8	18
19-Aug-19	81.54	79.33	82.96	2019	8	19
20-Aug-19	81.08	81.54	82	2019	8	20
21-Aug-19	83.04	81.71	83.88	2019	8	21
22-Aug-19	82.96	82.33	85.08	2019	8	22
23-Aug-19	80.71	83.63	85.08	2019	8	23
24-Aug-19	82.79	84.63	85.92	2019	8	24
25-Aug-19	83.25	80.92	86.54	2019	8	25
26-Aug-19	82.13	78.46	83.96	2019	8	26
27-Aug-19	81.29	77.17	82.17	2019	8	27
28-Aug-19	82.79	81.04	83.21	2019	8	28
29-Aug-19	83	83.75	86.5	2019	8	29
30-Aug-19	82	81.46	83.92	2019	8	30
31-Aug-19	81.71	82.46	84.46	2019	8	31
1-Sep-19	82.38	82.71	83.5	2019	9	1
2-Sep-19	81.54	82.54	82.63	2019	9	2
3-Sep-19	79.25	83.33	83.21	2019	9	3
4-Sep-19	79.63	84.63	85.38	2019	9	4
5-Sep-19	85.67	86	87.96	2019	9	5
6-Sep-19	85.08	82	87.5	2019	9	6
7-Sep-19	81.46	81.96	83.38	2019	9	7
8-Sep-19	82.75	84.79	83.88	2019	9	8
9-Sep-19	83.92	84.29	85.38	2019	9	9
10-Sep-19	82.75	82.38	86.33	2019	9	10
11-Sep-19	81.92	83.83	85.58	2019	9	11
12-Sep-19	80.88	83.21	84.92	2019	9	12
13-Sep-19	81.17	82.75	83.88	2019	9	13
14-Sep-19	81.25	83	84	2019	9	14
15-Sep-19	81.5	83.67	82.42	2019	9	15
16-Sep-19	82.46	82.83	84.17	2019	9	16
17-Sep-19	82.46	84.46	85.33	2019	9	17

18-Sep-19	80.38	83.13	84.29	2019	9	18
19-Sep-19	78.38	79.63	81.5	2019	9	19
20-Sep-19	77.63	78.58	80.5	2019	9	20
21-Sep-19	77.71	79.5	81.5	2019	9	21
22-Sep-19	77.79	78.04	81.71	2019	9	22
23-Sep-19	76.63	78.46	81.08	2019	9	23
24-Sep-19	77.79	81.21	80.42	2019	9	24
25-Sep-19	79.08	84.25	81.08	2019	9	25
26-Sep-19	79.33	84.63	81.25	2019	9	26
27-Sep-19	80.46	82.63	82.71	2019	9	27
28-Sep-19	81.46	82.33	83.88	2019	9	28
29-Sep-19	81.21	81.17	83.92	2019	9	29
30-Sep-19	81.5	83.04	84.38	2019	9	30
1-Oct-19	80.58	81.5	83.25	2019	10	1
2-Oct-19	80.63	80.96	82.75	2019	10	2
3-Oct-19	79.75	81.17	83.04	2019	10	3
4-Oct-19	81.17	81.21	81.58	2019	10	4
5-Oct-19	80.71	81.38	83	2019	10	5
6-Oct-19	79.96	80.75	81.54	2019	10	6
7-Oct-19	79.33	78	79.63	2019	10	7
8-Oct-19	78.33	79.79	79.33	2019	10	8
9-Oct-19	76.63	77.92	79.38	2019	10	9
10-Oct-19	77.79	76.5	80.58	2019	10	10
11-Oct-19	78.13	74.25	80.54	2019	10	11
12-Oct-19	77.25	73.58	79.13	2019	10	12
13-Oct-19	77.71	75.25	80.04	2019	10	13
14-Oct-19	78.83	77.04	81.38	2019	10	14
15-Oct-19	78.42	74.13	81.29	2019	10	15
16-Oct-19	80.13	76.5	81.63	2019	10	16
17-Oct-19	78.67	65.42	79.33	2019	10	17
18-Oct-19	75.17	62.92	76	2019	10	18
19-Oct-19	78.25	71.67	80.38	2019	10	19
20-Oct-19	81.21	67.75	80.88	2019	10	20
21-Oct-19	80	70.46	80.17	2019	10	21
22-Oct-19	82.13	73	81.96	2019	10	22
23-Oct-19	77.21	61.29	77.08	2019	10	23
24-Oct-19	79.58	67.83	80.63	2019	10	24
25-Oct-19	78.67	76.88	81.63	2019	10	25
26-Oct-19	79.42	76.83	80.63	2019	10	26
27-Oct-19	81	74.29	81.58	2019	10	27
28-Oct-19	81.83	72.25	82.71	2019	10	28
29-Oct-19	82.04	74.67	81.75	2019	10	29
30-Oct-19	81.83	76.38	82.5	2019	10	30
31-Oct-19	81.38	75.67	82.54	2019	10	31
1-Nov-19	74.38	51.54	76.5	2019	11	1
2-Nov-19	75.25	56.46	74.58	2019	11	2
3-Nov-19	72.71	57.17	73.33	2019	11	3

4-Nov-19	75.75	65.96	77.71	2019	11	4
5-Nov-19	77.67	72.04	80	2019	11	5
6-Nov-19	77.75	72.38	78.25	2019	11	6
7-Nov-19	78.71	70.42	79.13	2019	11	7
8-Nov-19	74.25	64.88	76.29	2019	11	8
9-Nov-19	68.92	56.71	70.08	2019	11	9
10-Nov-19	67.92	52.79	70	2019	11	10
11-Nov-19	71.54	60	73	2019	11	11
12-Nov-19	73.71	54.38	73.96	2019	11	12
13-Nov-19	64.08	44.33	63.42	2019	11	13
14-Nov-19	71	50.08	70	2019	11	14
15-Nov-19	69.83	49.13	68.96	2019	11	15
16-Nov-19	57.21	51.38	60.96	2019	11	16
17-Nov-19	52.33	56.67	54.54	2019	11	17
18-Nov-19	62.38	57.13	62.38	2019	11	18
19-Nov-19	61.63	52.25	62.46	2019	11	19
20-Nov-19	61.21	53.17	63.25	2019	11	20
21-Nov-19	64.54	52.83	65.79	2019	11	21
22-Nov-19	67.83	58.29	68.04	2019	11	22
23-Nov-19	67.88	65.33	70.25	2019	11	23
24-Nov-19	66.79	51.83	66.25	2019	11	24
25-Nov-19	57.21	48.75	62.38	2019	11	25
26-Nov-19	60.25	55.08	65.33	2019	11	26
27-Nov-19	64.83	67.67	66.58	2019	11	27
28-Nov-19	69.46	64.29	69.96	2019	11	28
29-Nov-19	67.33	59.63	69.21	2019	11	29
30-Nov-19	68.58	61.33	68.67	2019	11	30
1-Dec-19	71.71	68.04	72.88	2019	12	1
2-Dec-19	62.83	49.79	64.29	2019	12	2
3-Dec-19	50.92	42.21	53.83	2019	12	3
4-Dec-19	55.83	46.08	59.58	2019	12	4
5-Dec-19	58.25	49.96	60.88	2019	12	5
6-Dec-19	63.33	53.58	61.13	2019	12	6
7-Dec-19	64.83	60.79	63.92	2019	12	7
8-Dec-19	68.46	63.04	69.92	2019	12	8
9-Dec-19	69.25	66.38	70.96	2019	12	9
10-Dec-19	73.25	70.42	72.29	2019	12	10
11-Dec-19	70.88	52.25	71.58	2019	12	11
12-Dec-19	70.33	54.46	70.58	2019	12	12
13-Dec-19	70.83	54.08	71.21	2019	12	13
14-Dec-19	69.67	54.71	69.63	2019	12	14
15-Dec-19	63.25	52.92	65.17	2019	12	15
16-Dec-19	70.83	59.46	71.33	2019	12	16
17-Dec-19	74.29	64.58	74.29	2019	12	17
18-Dec-19	59	44.33	59.67	2019	12	18
19-Dec-19	58.33	43.71	57.63	2019	12	19
20-Dec-19	64.33	52.75	64.96	2019	12	20

21-Dec-19	69.17	57.46	68.79	2019	12	21
22-Dec-19	69.04	60.67	69.88	2019	12	22
23-Dec-19	66.92	55.29	66.08	2019	12	23
24-Dec-19	60.63	60.13	62.83	2019	12	24
25-Dec-19	70.13	62.38	69.21	2019	12	25
26-Dec-19	69.88	64.38	70.38	2019	12	26
27-Dec-19	71.21	68.79	72.25	2019	12	27
28-Dec-19	73.29	68.58	73.63	2019	12	28
29-Dec-19	74.25	69.92	75.54	2019	12	29
30-Dec-19	74.5	64	74.17	2019	12	30
31-Dec-19	62.88	49.25	62	2019	12	31
1-Jan-20	60.38	48.96	63.33	2020	1	1
2-Jan-20	67.58	61.88	69.42	2020	1	2
3-Jan-20	73.58	73.54	75.92	2020	1	3
4-Jan-20	70.5	63.92	71.79	2020	1	4
5-Jan-20	55.33	47.29	58.54	2020	1	5
6-Jan-20	55.5	48.83	57.79	2020	1	6
7-Jan-20	59.25	50.71	59.67	2020	1	7
8-Jan-20	58.17	45.33	61.08	2020	1	8
9-Jan-20	63.92	51.17	66.42	2020	1	9
10-Jan-20	70.83	66.29	72.29	2020	1	10
11-Jan-20	74.54	70.96	74.71	2020	1	11
12-Jan-20	74.83	68	75.5	2020	1	12
13-Jan-20	73.67	68.79	75.04	2020	1	13
14-Jan-20	72.79	67.92	73.63	2020	1	14
15-Jan-20	74.13	68.79	73.25	2020	1	15
16-Jan-20	73.58	70.29	72.04	2020	1	16
17-Jan-20	70.63	62.42	72.96	2020	1	17
18-Jan-20	69.71	60.71	70.83	2020	1	18
19-Jan-20	71.17	59	70.13	2020	1	19
20-Jan-20	56.25	42.96	55.67	2020	1	20
21-Jan-20	48.33	37.25	49.04	2020	1	21
22-Jan-20	46.29	44.29	48.17	2020	1	22
23-Jan-20	60.5	55.88	60.79	2020	1	23
24-Jan-20	67.83	60.08	67.58	2020	1	24
25-Jan-20	62.96	48.67	61.38	2020	1	25
26-Jan-20	57.17	49.25	58.75	2020	1	26
27-Jan-20	62.54	54.04	62.42	2020	1	27
28-Jan-20	60.67	51.63	61.71	2020	1	28
29-Jan-20	61.17	46.25	61.71	2020	1	29
30-Jan-20	62.63	55.29	60.67	2020	1	30
31-Jan-20	65.58	52.33	63.42	2020	1	31
1-Feb-20	61.96	47.96	62.08	2020	2	1
2-Feb-20	55.79	48.96	56.83	2020	2	2
3-Feb-20	59.17	53.42	58.88	2020	2	3
4-Feb-20	63.79	58.75	63.79	2020	2	4
5-Feb-20	69.13	64.29	71.38	2020	2	5

6-Feb-20	77.38	70.08	75.63	2020	2	6
7-Feb-20	62.33	49	61	2020	2	7
8-Feb-20	58.25	47.46	60.42	2020	2	8
9-Feb-20	64.79	55.79	67.33	2020	2	9
10-Feb-20	70.83	62.33	72.33	2020	2	10
11-Feb-20	74.71	68.29	74.42	2020	2	11
12-Feb-20	76.29	68.25	74.92	2020	2	12
13-Feb-20	77.5	70.17	76.33	2020	2	13
14-Feb-20	68.96	54.21	71.46	2020	2	14
15-Feb-20	67.75	53.08	66.5	2020	2	15
16-Feb-20	71	54.79	71.75	2020	2	16
17-Feb-20	72.04	61.08	74.04	2020	2	17
18-Feb-20	74.96	67.33	75.67	2020	2	18
19-Feb-20	75.96	73.13	75.5	2020	2	19
20-Feb-20	75.29	61.92	75.54	2020	2	20
21-Feb-20	54.63	47.21	57.79	2020	2	21
22-Feb-20	57.08	45.13	56.75	2020	2	22
23-Feb-20	63.54	51.29	63.88	2020	2	23
24-Feb-20	68.08	60.63	69.71	2020	2	24
25-Feb-20	73.33	67.42	72.5	2020	2	25
26-Feb-20	69.79	61.88	69.54	2020	2	26
27-Feb-20	56.54	46.79	55.79	2020	2	27
28-Feb-20	53.92	45.63	55.33	2020	2	28
29-Feb-20	56.71	51.25	59.42	2020	2	29
1-Mar-20	58.42	50.63	59.29	2020	3	1
2-Mar-20	65.75	60.13	68.21	2020	3	2
3-Mar-20	71.25	70.46	72.46	2020	3	3
4-Mar-20	75.5	73	75.63	2020	3	4
5-Mar-20	78.88	68.17	77.75	2020	3	5
6-Mar-20	69.79	59.58	67.25	2020	3	6
7-Mar-20	56.67	52.58	60.54	2020	3	7
8-Mar-20	61.46	53.96	62.96	2020	3	8
9-Mar-20	66.79	62.75	69	2020	3	9
10-Mar-20	69.83	65.5	72.25	2020	3	10
11-Mar-20	70.38	64.88	70.04	2020	3	11
12-Mar-20	72.58	66.42	72.21	2020	3	12
13-Mar-20	73.83	68.42	74	2020	3	13
14-Mar-20	74.5	70.08	74.38	2020	3	14
15-Mar-20	75.46	70.58	75.79	2020	3	15
16-Mar-20	74.08	71.54	76.92	2020	3	16
17-Mar-20	75.25	70.67	76.04	2020	3	17
18-Mar-20	75.17	73.29	77.58	2020	3	18
19-Mar-20	75.71	71.08	77.17	2020	3	19
20-Mar-20	76	71.67	76.63	2020	3	20
21-Mar-20	76.29	72.83	77.17	2020	3	21
22-Mar-20	76.42	73.79	77.46	2020	3	22
23-Mar-20	77.38	70.83	77.08	2020	3	23

24-Mar-20	77.67	72.88	75.67	2020	3	24
25-Mar-20	77.63	77.13	78.42	2020	3	25
26-Mar-20	77.13	75.38	78.58	2020	3	26
27-Mar-20	78.58	72.92	77.54	2020	3	27
28-Mar-20	78.29	74.54	77.04	2020	3	28
29-Mar-20	77.83	75.88	77.63	2020	3	29
30-Mar-20	79.46	74.5	77.08	2020	3	30
31-Mar-20	79.29	71.5	78.71	2020	3	31
1-Apr-20	68.79	60.67	70.88	2020	4	1
2-Apr-20	66.58	60	69.17	2020	4	2
3-Apr-20	69.71	62.79	71.79	2020	4	3
4-Apr-20	73.83	68	74.17	2020	4	4
5-Apr-20	68.08	69.38	68.75	2020	4	5
6-Apr-20	71.38	69.63	73.5	2020	4	6
7-Apr-20	74.58	71.21	76.25	2020	4	7
8-Apr-20	78.21	77.13	76.88	2020	4	8
9-Apr-20	80.54	82.08	79.46	2020	4	9
10-Apr-20	77.33	68.5	78.88	2020	4	10
11-Apr-20	71.75	60.96	75.79	2020	4	11
12-Apr-20	80.79	70.38	82.92	2020	4	12
13-Apr-20	84.75	79.33	84	2020	4	13
14-Apr-20	81.92	72.46	82.46	2020	4	14
15-Apr-20	79.71	64.54	80.58	2020	4	15
16-Apr-20	66.5	64.75	68.83	2020	4	16
17-Apr-20	73.83	66.88	75.38	2020	4	17
18-Apr-20	75.5	73.21	75.5	2020	4	18
19-Apr-20	80.33	76	80	2020	4	19
20-Apr-20	79.96	72.38	78.63	2020	4	20
21-Apr-20	75.46	70.08	74.5	2020	4	21
22-Apr-20	74.38	69.58	76.71	2020	4	22
23-Apr-20	79.92	69.63	80.83	2020	4	23
24-Apr-20	73.63	72.21	74.5	2020	4	24
25-Apr-20	76.08	72.17	78.58	2020	4	25
26-Apr-20	80.13	71.67	78.96	2020	4	26
27-Apr-20	70.42	64.5	72.13	2020	4	27
28-Apr-20	70.5	65.04	74.96	2020	4	28
29-Apr-20	75.67	69.08	77.42	2020	4	29
30-Apr-20	73.17	69.46	73.83	2020	4	30
1-May-20	69.92	65.13	71.33	2020	5	1
2-May-20	73.13	69.38	75.13	2020	5	2
3-May-20	74.96	69.71	76.63	2020	5	3
4-May-20	77.42	72.29	76.92	2020	5	4
5-May-20	79.08	75.96	76.29	2020	5	5
6-May-20	79	74.88	77.33	2020	5	6
7-May-20	70.08	63.67	72.63	2020	5	7
8-May-20	71	64.04	71.88	2020	5	8
9-May-20	74.33	69.54	78	2020	5	9

10-May-20	74	70.88	74.67	2020	5	10
11-May-20	74.83	70.92	76.25	2020	5	11
12-May-20	74.08	70.04	77.63	2020	5	12
13-May-20	74.42	73.92	79.04	2020	5	13
14-May-20	75.29	76.21	79.08	2020	5	14
15-May-20	76.75	77.25	80.04	2020	5	15
16-May-20	77.58	79.58	81.25	2020	5	16
17-May-20	80	80.08	80.71	2020	5	17
18-May-20	77.38	76.75	76.04	2020	5	18
19-May-20	79.63	78.92	78.92	2020	5	19
20-May-20	80.21	71.63	79.42	2020	5	20
21-May-20	79.71	76.79	81.88	2020	5	21
22-May-20	79.71	80.71	81.25	2020	5	22
23-May-20	81.42	77.21	81.83	2020	5	23
24-May-20	79.46	79.38	80.38	2020	5	24
25-May-20	74.17	77.63	78.25	2020	5	25
26-May-20	78.96	74.5	80.96	2020	5	26
27-May-20	77.42	76.58	83.67	2020	5	27
28-May-20	77.21	78.92	82.42	2020	5	28
29-May-20	78.96	76.88	81.04	2020	5	29
30-May-20	79.83	78.42	82.46	2020	5	30
31-May-20	80.96	82.17	83.17	2020	5	31
1-Jun-20	82.29	79.79	85	2020	6	1
2-Jun-20	77.46	80.33	83.21	2020	6	2
3-Jun-20	78.29	77.54	79.54	2020	6	3
4-Jun-20	74.71	79.54	77.04	2020	6	4
5-Jun-20	77.33	78.13	78.38	2020	6	5
6-Jun-20	77.29	75.25	77.04	2020	6	6
7-Jun-20	78.83	75.63	81.67	2020	6	7
8-Jun-20	81.58	82.79	83.75	2020	6	8
9-Jun-20	82.25	78	84.25	2020	6	9
10-Jun-20	81.04	79.71	84.75	2020	6	10
11-Jun-20	80.63	80.21	82.17	2020	6	11
12-Jun-20	81.08	80.29	82.13	2020	6	12
13-Jun-20	79.83	78.63	80	2020	6	13
14-Jun-20	78.96	80.25	81.96	2020	6	14
15-Jun-20	80.25	78.17	83.38	2020	6	15
16-Jun-20	77.88	75.08	80	2020	6	16
17-Jun-20	79	74.79	81.63	2020	6	17
18-Jun-20	78.63	77.67	82.75	2020	6	18
19-Jun-20	78.42	81.29	82.67	2020	6	19
20-Jun-20	80.67	81.38	83.46	2020	6	20
21-Jun-20	82.88	81.42	83.92	2020	6	21
22-Jun-20	82.58	79.29	84	2020	6	22
23-Jun-20	81.13	76.38	85.42	2020	6	23
24-Jun-20	84.38	79.71	86.63	2020	6	24
25-Jun-20	84.83	80.92	86.71	2020	6	25

26-Jun-20	85.42	82.13	86.92	2020	6	26
27-Jun-20	85.25	82.42	87.33	2020	6	27
28-Jun-20	85.21	83.17	86.42	2020	6	28
29-Jun-20	86.63	82.63	87.17	2020	6	29
30-Jun-20	84.83	82.92	86.71	2020	6	30
1-Jul-20	81.54	78.29	86.67	2020	7	1
2-Jul-20	81.83	82.79	86.88	2020	7	2
3-Jul-20	81.58	80.08	85.5	2020	7	3
4-Jul-20	80.42	77.5	85.5	2020	7	4
5-Jul-20	77.92	78.38	84.58	2020	7	5
6-Jul-20	78.38	78.58	83.79	2020	7	6
7-Jul-20	79.54	77.88	85.21	2020	7	7
8-Jul-20	80.5	81.04	85.71	2020	7	8
9-Jul-20	84.92	82.42	86.63	2020	7	9
10-Jul-20	82.63	83.75	86.58	2020	7	10
11-Jul-20	80.96	85.13	86.58	2020	7	11
12-Jul-20	83.21	82.92	87.46	2020	7	12
13-Jul-20	84.67	83.63	86.25	2020	7	13
14-Jul-20	84.67	83.13	86.92	2020	7	14
15-Jul-20	83.13	82.79	84.04	2020	7	15
16-Jul-20	82.83	84	83.33	2020	7	16
17-Jul-20	84.04	85	83.67	2020	7	17
18-Jul-20	82.71	85.63	83.63	2020	7	18
19-Jul-20	84.33	85.29	83.46	2020	7	19
20-Jul-20	81.92	85.46	84.33	2020	7	20
21-Jul-20	83.04	79.83	82.79	2020	7	21
22-Jul-20	80.75	78.71	81.88	2020	7	22
23-Jul-20	78.67	78.42	79.21	2020	7	23
24-Jul-20	81.96	81.04	82.75	2020	7	24
25-Jul-20	83.33	82.75	81.38	2020	7	25
26-Jul-20	81.71	82.08	83.75	2020	7	26
27-Jul-20	79.29	80.5	83.67	2020	7	27
28-Jul-20	77.58	77.17	81.63	2020	7	28
29-Jul-20	80.25	79.29	83	2020	7	29
30-Jul-20	82.88	82.5	83.54	2020	7	30
31-Jul-20	84	81.21	85.79	2020	7	31
1-Aug-20	84.88	82.83	87.29	2020	8	1
2-Aug-20	82.08	84.79	84.79	2020	8	2
3-Aug-20	84.58	85.21	85.08	2020	8	3
4-Aug-20	83.17	82.75	85.58	2020	8	4
5-Aug-20	78.5	82.96	83.71	2020	8	5
6-Aug-20	81.38	82.5	83.58	2020	8	6
7-Aug-20	81.5	80.88	84.75	2020	8	7
8-Aug-20	83.75	81.71	85.33	2020	8	8
9-Aug-20	83.54	83.46	83.42	2020	8	9
10-Aug-20	83.5	80.88	85.25	2020	8	10
11-Aug-20	81.79	76.71	84.21	2020	8	11

12-Aug-20	81.25	79.83	83.42	2020	8	12
13-Aug-20	83	81.71	83.25	2020	8	13
14-Aug-20	83.92	80.5	84.13	2020	8	14
15-Aug-20	81.88	82.25	84.63	2020	8	15
16-Aug-20	81.54	84.29	82.96	2020	8	16
17-Aug-20	80.58	82.58	81.96	2020	8	17
18-Aug-20	78.88	79.33	83.21	2020	8	18
19-Aug-20	79.5	76.96	81.04	2020	8	19
20-Aug-20	78.67	76	81.92	2020	8	20
21-Aug-20	78.54	77.96	80.13	2020	8	21
22-Aug-20	80.79	74.29	80.75	2020	8	22
23-Aug-20	83.54	76.21	82.5	2020	8	23
24-Aug-20	85.13	81.67	83.29	2020	8	24
25-Aug-20	85.88	84.17	86.5	2020	8	25
26-Aug-20	85.5	84.88	85.46	2020	8	26
27-Aug-20	83.17	83.75	85.13	2020	8	27
28-Aug-20	83.67	81.46	83.71	2020	8	28
29-Aug-20	82.46	78.58	84.46	2020	8	29
30-Aug-20	78.96	78.25	79.04	2020	8	30
31-Aug-20	77.42	80.67	81.42	2020	8	31
1-Sep-20	81.42	79.96	82.08	2020	9	1
2-Sep-20	83.21	82.96	84.75	2020	9	2
3-Sep-20	84.96	83.88	85.38	2020	9	3
4-Sep-20	83.13	85.33	87.08	2020	9	4
5-Sep-20	85.08	85.67	85.67	2020	9	5
6-Sep-20	83.29	84.04	83.25	2020	9	6
7-Sep-20	79.21	82.29	81.08	2020	9	7
8-Sep-20	79.63	81.33	81.71	2020	9	8
9-Sep-20	78.63	81.96	81.38	2020	9	9
10-Sep-20	80.13	80.83	81.38	2020	9	10
11-Sep-20	81.71	79.75	82.54	2020	9	11
12-Sep-20	79.04	80.63	80.71	2020	9	12
13-Sep-20	78.04	79.33	78.08	2020	9	13
14-Sep-20	78.58	78.38	79.42	2020	9	14
15-Sep-20	81.46	76.71	80.5	2020	9	15
16-Sep-20	81.67	77.42	82.08	2020	9	16
17-Sep-20	80.67	77.71	81.88	2020	9	17
18-Sep-20	82.71	78.79	82.92	2020	9	18
19-Sep-20	80.54	74.42	82.13	2020	9	19
20-Sep-20	78.08	68.96	81.71	2020	9	20
21-Sep-20	79.83	70.96	81.83	2020	9	21
22-Sep-20	76.88	72.21	78.88	2020	9	22
23-Sep-20	76.71	74.83	79.58	2020	9	23
24-Sep-20	79.67	74.58	81.17	2020	9	24
25-Sep-20	81.42	77.58	81.96	2020	9	25
26-Sep-20	82.13	78.21	82	2020	9	26
27-Sep-20	81.42	73.17	82.17	2020	9	27

28-Sep-20	77.88	78.46	81.42	2020	9	28
29-Sep-20	76.96	70.75	80.25	2020	9	29
30-Sep-20	70.63	64.29	71.71	2020	9	30
1-Oct-20	74.42	67.54	75.5	2020	10	1
2-Oct-20	74.42	66.42	76.21	2020	10	2
3-Oct-20	73.29	64.38	75.21	2020	10	3
4-Oct-20	74.42	68.04	74.08	2020	10	4
5-Oct-20	78.21	69.38	78.67	2020	10	5
6-Oct-20	81.54	76	82.83	2020	10	6
7-Oct-20	82	78.5	83.46	2020	10	7
8-Oct-20	81.92	78.71	82.96	2020	10	8
9-Oct-20	79.92	79.88	83.08	2020	10	9
10-Oct-20	81.25	79.13	82.17	2020	10	10
11-Oct-20	80.08	78.88	80.71	2020	10	11
12-Oct-20	79.42	77.17	79	2020	10	12
13-Oct-20	78.63	78.13	79.08	2020	10	13
14-Oct-20	79	75.79	81.29	2020	10	14
15-Oct-20	79.25	75.21	79.96	2020	10	15
16-Oct-20	80.13	74.17	81.25	2020	10	16
17-Oct-20	77.38	67.17	79.21	2020	10	17
18-Oct-20	75.54	71.96	78.88	2020	10	18
19-Oct-20	75.29	74.08	77.58	2020	10	19
20-Oct-20	78.63	77.54	79.04	2020	10	20
21-Oct-20	77.46	76.21	78.25	2020	10	21
22-Oct-20	76.42	77	78.88	2020	10	22
23-Oct-20	75.25	77.08	79.75	2020	10	23
24-Oct-20	76.46	73.25	79.96	2020	10	24
25-Oct-20	78.38	72.13	80.25	2020	10	25
26-Oct-20	78.21	75.71	81.5	2020	10	26
27-Oct-20	79.79	76.79	82.42	2020	10	27
28-Oct-20	79.92	78.42	81.46	2020	10	28
29-Oct-20	80.58	76.04	80.63	2020	10	29
30-Oct-20	73.04	59.17	72.79	2020	10	30
31-Oct-20	72.67	64.75	74.46	2020	10	31
1-Nov-20	76.79	69.42	78.46	2020	11	1
2-Nov-20	66.38	56.42	67.63	2020	11	2
3-Nov-20	65.46	52.42	66.67	2020	11	3
4-Nov-20	69.13	58.13	71.33	2020	11	4
5-Nov-20	72.83	68.58	74.71	2020	11	5
6-Nov-20	73.92	71.75	75.67	2020	11	6
7-Nov-20	75.92	73.63	77.21	2020	11	7
8-Nov-20	75.79	75.21	76.83	2020	11	8
9-Nov-20	76.42	76.83	78.33	2020	11	9
10-Nov-20	77	77.46	79.96	2020	11	10
11-Nov-20	77.38	77	76.54	2020	11	11
12-Nov-20	76.08	75.29	77.75	2020	11	12
13-Nov-20	73.38	68.04	75.67	2020	11	13

14-Nov-20	73	65.92	75.58	2020	11	14
15-Nov-20	75.79	69.88	77.67	2020	11	15
16-Nov-20	73.08	62.67	76.25	2020	11	16
17-Nov-20	65.71	57.54	68.63	2020	11	17
18-Nov-20	64.17	54.79	65.96	2020	11	18
19-Nov-20	67.08	59.5	66.5	2020	11	19
20-Nov-20	68.46	65.79	70.38	2020	11	20
21-Nov-20	69.04	67.38	70.71	2020	11	21
22-Nov-20	70.17	67.13	70.88	2020	11	22
23-Nov-20	68.96	60.88	71	2020	11	23
24-Nov-20	67.79	58.29	70.88	2020	11	24
25-Nov-20	71.96	66.83	72.92	2020	11	25
26-Nov-20	71.29	68.96	72.13	2020	11	26
27-Nov-20	71.58	70.5	72.5	2020	11	27
28-Nov-20	71.46	69.17	71.63	2020	11	28
29-Nov-20	71.04	65.08	72.38	2020	11	29
30-Nov-20	66.71	56.75	69.33	2020	11	30
1-Dec-20	49.54	39.67	54.08	2020	12	1
2-Dec-20	48.04	40.67	51.92	2020	12	2
3-Dec-20	58.25	49.88	60.42	2020	12	3
4-Dec-20	65.96	58.71	67.46	2020	12	4
5-Dec-20	64.92	50.38	65.38	2020	12	5
6-Dec-20	60.08	54.08	60.46	2020	12	6
7-Dec-20	57.29	53.46	59.71	2020	12	7
8-Dec-20	48.88	43.21	52.04	2020	12	8
9-Dec-20	49.88	46.79	54.38	2020	12	9
10-Dec-20	54.13	50.54	58.71	2020	12	10
11-Dec-20	57.79	51.63	60.42	2020	12	11
12-Dec-20	64.04	57.08	65.5	2020	12	12
13-Dec-20	67.13	63.54	68.25	2020	12	13
14-Dec-20	69.33	63.29	69.92	2020	12	14
15-Dec-20	65	54.79	63.5	2020	12	15
16-Dec-20	65.58	52.5	65.79	2020	12	16
17-Dec-20	60.04	45.04	60.54	2020	12	17
18-Dec-20	48.88	41.08	51.13	2020	12	18
19-Dec-20	58.58	46.92	58.29	2020	12	19
20-Dec-20	63.96	54.83	63.29	2020	12	20
21-Dec-20	63.83	53.46	62.75	2020	12	21
22-Dec-20	57.67	49.63	60.25	2020	12	22
23-Dec-20	60.63	49.71	61.17	2020	12	23
24-Dec-20	67.67	52.88	66.75	2020	12	24
25-Dec-20	46.04	37.5	51.38	2020	12	25
26-Dec-20	42.42	34.79	45.75	2020	12	26
27-Dec-20	52.42	40.96	53.71	2020	12	27
28-Dec-20	60.83	49.96	62.5	2020	12	28
29-Dec-20	61.75	52.75	64.17	2020	12	29
30-Dec-20	66.58	58.13	66.92	2020	12	30

31-Dec-20	72.17	64.71	73.46	2020	12	31
1-Jan-21	72.79	69.21	74.13	2021	1	1
2-Jan-21	72.33	65.88	72.79	2021	1	2
3-Jan-21	65.13	51.46	65.38	2021	1	3
4-Jan-21	55.96	46.75	57.75	2021	1	4
5-Jan-21	56.38	48.92	58.29	2021	1	5
6-Jan-21	55.75	46.04	58.88	2021	1	6
7-Jan-21	61.38	50.13	63	2021	1	7
8-Jan-21	59.92	49.46	61.63	2021	1	8
9-Jan-21	49.79	42.46	54.17	2021	1	9
10-Jan-21	48.54	41.13	49.63	2021	1	10
11-Jan-21	60.21	50.92	62.08	2021	1	11
12-Jan-21	61.13	49.92	60.63	2021	1	12
13-Jan-21	54.67	44.04	54.17	2021	1	13
14-Jan-21	53.83	43.88	56.25	2021	1	14
15-Jan-21	56.75	49.96	58.46	2021	1	15
16-Jan-21	53.83	42.71	59.17	2021	1	16
17-Jan-21	50.75	41.38	58.21	2021	1	17
18-Jan-21	55.71	45.33	58.04	2021	1	18
19-Jan-21	54.42	45.25	56.13	2021	1	19
20-Jan-21	58.67	51.79	59.21	2021	1	20
21-Jan-21	61.46	60	59.63	2021	1	21
22-Jan-21	65.67	63.25	65.13	2021	1	22
23-Jan-21	61.83	58.79	68.83	2021	1	23
24-Jan-21	66.67	59.54	67.71	2021	1	24
25-Jan-21	69.83	64.88	69.5	2021	1	25
26-Jan-21	67.17	69.75	67.96	2021	1	26
27-Jan-21	70.83	68.46	70.63	2021	1	27
28-Jan-21	59.13	50	61.58	2021	1	28
29-Jan-21	53.42	44.38	56.17	2021	1	29
30-Jan-21	58.29	47.75	61.63	2021	1	30
31-Jan-21	65.58	63.08	67.63	2021	1	31
1-Feb-21	57.25	48.38	58.33	2021	2	1
2-Feb-21	46.13	42.96	51.21	2021	2	2
3-Feb-21	47.67	42.25	52.17	2021	2	3
4-Feb-21	50.25	46.71	54.42	2021	2	4
5-Feb-21	61.75	61.21	62.79	2021	2	5
6-Feb-21	64.5	50.21	68.17	2021	2	6
7-Feb-21	69.96	48.58	67.25	2021	2	7
8-Feb-21	65.38	52.13	66.92	2021	2	8
9-Feb-21	72.42	60.63	71.29	2021	2	9
10-Feb-21	72.88	64.79	71	2021	2	10
11-Feb-21	72.58	66.83	71.79	2021	2	11
12-Feb-21	72.29	68.33	72.83	2021	2	12
13-Feb-21	72.42	59.92	72.96	2021	2	13
14-Feb-21	73.33	51.96	72.33	2021	2	14
15-Feb-21	75.67	58.33	74.38	2021	2	15

16-Feb-21	68.29	47.88	63.67	2021	2	16
17-Feb-21	63.33	49.42	63.83	2021	2	17
18-Feb-21	75.33	65.25	75	2021	2	18
19-Feb-21	68.71	48.75	67.08	2021	2	19
20-Feb-21	56.25	47.25	57.33	2021	2	20
21-Feb-21	60.46	50.46	63.79	2021	2	21
22-Feb-21	67.63	60.25	69.21	2021	2	22
23-Feb-21	67.67	57.46	67.54	2021	2	23
24-Feb-21	67.25	54.83	64	2021	2	24
25-Feb-21	67.96	63.04	66.96	2021	2	25
26-Feb-21	69.04	66.25	71.83	2021	2	26
27-Feb-21	74.29	68.88	75.75	2021	2	27
28-Feb-21	75.71	70.92	76	2021	2	28
1-Mar-21	77.08	69.58	76.13	2021	3	1
2-Mar-21	70.54	57.25	75.54	2021	3	2
3-Mar-21	68.04	50.42	66.54	2021	3	3
4-Mar-21	62.33	55.08	63.67	2021	3	4
5-Mar-21	63.63	57.75	66.21	2021	3	5
6-Mar-21	62.33	57.25	64.08	2021	3	6
7-Mar-21	58.42	53.17	61.75	2021	3	7
8-Mar-21	57.13	50.42	61.71	2021	3	8
9-Mar-21	62.21	54.46	65.58	2021	3	9
10-Mar-21	63.71	59.33	68.33	2021	3	10
11-Mar-21	66.83	61.13	70.58	2021	3	11
12-Mar-21	67.67	64.5	69.75	2021	3	12
13-Mar-21	68.13	67.38	69.17	2021	3	13
14-Mar-21	68.92	65.88	71.21	2021	3	14
15-Mar-21	70.71	66.21	71.63	2021	3	15
16-Mar-21	72.67	70.25	74.42	2021	3	16
17-Mar-21	75.67	73.08	74.13	2021	3	17
18-Mar-21	75.92	71.33	74.25	2021	3	18
19-Mar-21	67.58	56.13	65.17	2021	3	19
20-Mar-21	58.54	56.25	63.08	2021	3	20
21-Mar-21	55.42	57.75	57.75	2021	3	21
22-Mar-21	61.75	63.63	63.58	2021	3	22
23-Mar-21	66.08	64.17	66.71	2021	3	23
24-Mar-21	70	64.96	68.67	2021	3	24
25-Mar-21	75.79	69.13	75.92	2021	3	25
26-Mar-21	78.33	75.71	77.5	2021	3	26
27-Mar-21	77.38	74.38	77.29	2021	3	27
28-Mar-21	77.42	74.54	76.88	2021	3	28
29-Mar-21	73.54	65.46	76.21	2021	3	29
30-Mar-21	74.92	68.5	77.5	2021	3	30
31-Mar-21	76.54	72.33	77.21	2021	3	31
1-Apr-21	68.46	58.5	70.08	2021	4	1
2-Apr-21	55.88	51.42	59.67	2021	4	2
3-Apr-21	58.67	51.54	61.96	2021	4	3

4-Apr-21	63.13	57.92	65.96	2021	4	4
5-Apr-21	64.92	61	68.08	2021	4	5
6-Apr-21	67.38	61.63	69.75	2021	4	6
7-Apr-21	69.58	63.92	71	2021	4	7
8-Apr-21	70.75	64.25	72.17	2021	4	8
9-Apr-21	71.88	67.63	72.88	2021	4	9
10-Apr-21	72.67	63.04	72.92	2021	4	10
11-Apr-21	63.29	64.13	68.46	2021	4	11
12-Apr-21	71.88	70.33	74.58	2021	4	12
13-Apr-21	74.13	71.17	74.29	2021	4	13
14-Apr-21	74.63	73.04	76.67	2021	4	14
15-Apr-21	73.25	67.13	74.54	2021	4	15
16-Apr-21	75.42	63.67	76.04	2021	4	16
17-Apr-21	77.38	65.33	77.83	2021	4	17
18-Apr-21	76.71	65	78.71	2021	4	18
19-Apr-21	71.21	66.88	71.96	2021	4	19
20-Apr-21	70.33	67.92	74.08	2021	4	20
21-Apr-21	75.46	67.58	75.04	2021	4	21
22-Apr-21	68.96	58.54	71.33	2021	4	22
23-Apr-21	69.46	62.25	73.63	2021	4	23
24-Apr-21	77.04	73.75	77.92	2021	4	24
25-Apr-21	77.96	71.25	78.08	2021	4	25
26-Apr-21	73.21	69.88	76.33	2021	4	26
27-Apr-21	73.13	73.25	77.79	2021	4	27
28-Apr-21	73.96	72.5	76.96	2021	4	28
29-Apr-21	78.83	73.38	79.17	2021	4	29
30-Apr-21	79.38	75.83	78.08	2021	4	30
1-May-21	78.58	74.29	79.17	2021	5	1
2-May-21	80.96	73	80.08	2021	5	2
3-May-21	80.54	79.63	81.96	2021	5	3
4-May-21	81.25	80.96	82.67	2021	5	4
5-May-21	82.75	73	82.08	2021	5	5
6-May-21	79.96	74.38	81.63	2021	5	6
7-May-21	76.71	69.54	77.58	2021	5	7
8-May-21	73.04	66.08	76.58	2021	5	8
9-May-21	76.79	70.42	79.79	2021	5	9
10-May-21	81.29	73.04	80.96	2021	5	10
11-May-21	79.92	73.58	81.5	2021	5	11
12-May-21	78.13	71.67	82.38	2021	5	12
13-May-21	73.63	62.08	77.5	2021	5	13
14-May-21	73.42	66.58	76	2021	5	14
15-May-21	73.25	68.83	76.71	2021	5	15
16-May-21	73.79	69.08	77.54	2021	5	16
17-May-21	73.88	73.63	78.29	2021	5	17
18-May-21	75.83	76.54	79.96	2021	5	18
19-May-21	75.92	76.92	80.17	2021	5	19
20-May-21	76	77.17	79.83	2021	5	20

21-May-21	75.08	76.67	79.71	2021	5	21
22-May-21	75.38	76.71	79.33	2021	5	22
23-May-21	75.13	75.83	78.04	2021	5	23
24-May-21	75.13	78.33	78.08	2021	5	24
25-May-21	77.38	78.25	79.71	2021	5	25
26-May-21	78.46	77.83	79.75	2021	5	26
27-May-21	79.33	77.25	80.5	2021	5	27
28-May-21	80.96	77.25	80.21	2021	5	28
29-May-21	80.88	78.83	79.88	2021	5	29
30-May-21	79	75.96	81.46	2021	5	30
31-May-21	78.63	76.67	81.92	2021	5	31
1-Jun-21	78.75	78.88	81.63	2021	6	1
2-Jun-21	78.71	78.58	79.96	2021	6	2

SCHEDULE A-2 FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS

FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates. Type of Data Shown:

COMPANY: DUKE ENERGY FLORIDA __X__ Projected Test Year Ended 12/31/23

RESIDENTIAL	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)
SERVICE			Monthly Bill Under **Multi-Year Settlement Rates** - $										Monthly Bill Under Proposed Rates With the **ROE Trigger**- $										Incr/ (Decr)		Cents/KWH	
	Rate	Typical																								
Line	Schedule	KW	KWH	Base Rate *	Billing Adjustment *** Fuel	CCR	ECCR	ECRC	SPPCRC	ASC	Sub-Tota Bill	**GRT/RAF @** 2.6361%	Total Bill	Base Rate **	Billing Adjustment *** Fuel	CCR	ECCR	ECRC	SPPCRC	ASC	Sub-Tota Bill	**GRT/RAF @** 2.6361%	Total Bill	$ (V) - (L)	% (W) / (L)	Present (L) / (B)	Proposed (V) / (B)
1	RS-1	n/a	0	12.67	-	-	-	-	-	-	12.67	0.33	30.00	12.79	-	-	-	-	-	-	12.79	0.34	30.00	-	0.00%	-	-
2																											
3	RS-1	n/a	100	19.63	4.47	1.18	0.32	0.02	0.42	0.27	26.31	0.69	30.00	19.81	4.47	1.18	0.32	0.02	0.42	0.27	26.49	0.70	30.00	-	0.00%	30.000	30.000
4																											
5	RS-1	n/a	250	30.07	11.17	2.95	0.80	0.06	1.05	0.66	46.77	1.23	48.00	30.35	11.17	2.95	0.80	0.06	1.05	0.66	47.04	1.24	48.28	0.29	0.60%	19.200	19.314
6																											
7	RS-1	n/a	500	47.47	22.35	5.91	1.60	0.11	2.11	1.33	80.86	2.13	82.99	47.91	22.35	5.91	1.60	0.11	2.11	1.33	81.30	2.14	83.44	0.45	0.54%	16.599	16.688
8																											
9	RS-1	n/a	750	64.87	33.52	8.86	2.40	0.17	3.16	1.99	114.96	3.03	117.99	65.47	33.52	8.86	2.40	0.17	3.16	1.99	115.55	3.05	118.60	0.61	0.52%	15.732	15.813
#																											
#	RS-1	n/a	1,000	82.27	44.69	11.81	3.20	0.22	4.21	2.65	149.05	3.93	152.98	83.03	44.69	11.81	3.20	0.22	4.21	2.65	149.81	3.95	153.76	0.77	0.51%	15.298	15.376
#																											
#	RS-1	n/a	1,250	101.76	58.54	14.76	4.00	0.28	5.26	3.31	187.91	4.95	192.86	102.69	58.54	14.76	4.00	0.28	5.26	3.31	188.84	4.98	193.82	0.95	0.49%	15.429	15.505
#																											
#	RS-1	n/a	1,500	121.24	72.39	17.72	4.80	0.33	6.32	3.98	226.76	5.98	232.74	122.35	72.39	17.72	4.80	0.33	6.32	3.98	227.87	6.01	233.87	1.14	0.49%	15.516	15.592
#																											
#	RS-1	n/a	2,000	160.21	100.08	23.62	6.40	0.44	8.42	5.30	304.47	8.03	312.49	161.67	#####	23.62	6.40	0.44	8.42	5.30	305.93	8.06	313.99	1.50	0.48%	15.625	15.700
#																											
#	RS-1	n/a	3,000	238.14	155.47	35.43	9.60	0.66	12.63	7.95	459.88	12.12	472.00	240.31	#####	35.43	9.60	0.66	12.63	7.95	462.05	12.18	474.23	2.23	0.47%	15.733	15.808
#																											
#	RS-1	n/a	5,000	394.00	266.25	59.05	16.00	1.10	21.05	13.25	770.70	20.32	791.02	397.58	#####	59.05	16.00	1.10	21.05	13.25	774.28	20.41	794.69	3.68	0.46%	15.820	15.894
#																											

\# * Present Base Rates, per the 2021 Settlement Agreement, Docket

\# ** Proposed Base Rates, as proposed ROE Trigger, effective January 2023

\# *** Billing Adjustments as follows:

\# Fuel rate, as approved Docket No. 20220001-EI — ECRC rate, as approved Docket No. 20220007-EI

\# CCR rate, as approved Docket No. 20210001-EI — SPPCRC rate, as projected Docket No. 20220010-EI

\# ECCR rate, as approved Docket No. 20220002-EI — ASC rate, as projected Docket No. 20150171-EI

\#

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 4
PARTY: Staff Exhibit 4
DESCRIPTION: Letter dated 8/30/22, with attached revised response to staff's first data request, specifically que...

4

Letter dated 8/30/22, with attached revised response to staff's first data request, specifically question 14.

FILED 8/30/2022
DOCUMENT NO. 05835-2022
FPSC - COMMISSION CLERK

Dianne M. Triplett
DEPUTY GENERAL COUNSEL

August 30, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20220143-EI – Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC.

Dear Mr. Teitzman:

Please find attached Duke Energy Florida, LLC's ("DEF"), revised response to Staff's First Data Request, specifically question 14, for the above reference docket. Information contained in the revised attachment was inadvertently omitted from the August 29, 2022. Please replace the previously provided attachment provided for question 14, with the attached.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Dianne M. Triplett

Dianne M. Triplett

DMT/vr
Attachments

cc: Suzanne Brownless, Jennifer Crawford, Office of General Counsel, FPSC

299 First Avenue North ▪ St. Petersburg, FL 33701
Phone: 727.820.4692 ▪ Fax: 727.820.5041 ▪ Email: dianne.triplett@duke-energy.com

SCHEDULE A-2 FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS

FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: For each rate class, calculate typical monthly bills for present and proposed rates. Type of Data Shown:

COMPANY: DUKE ENERGY FLORIDA __X__ Projected Test Year Ended 12/31/23

RESIDENTIAL			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)
SERVICE					Monthly Bill Under **Multi-Year Settlement Rates** - $										Monthly Bill Under Proposed Rates With the **ROE Trigger**- $										Incr/ (Decr)		Cents/KWH	
	Rate	Typical			Base	Billing Adjustment ***						Sub-Total	GRT/RAF	Total	Base	Billing Adjustment ***						Sub-Total	GRT/RAF	Total	$	%	Present	Proposed
Line	Schedule	KW	KWH		Rate *	Fuel	CCR	ECCR	ECRC	SPPCRC	ASC	Bill	2.6361%	Bill	Rate **	Fuel	CCR	ECCR	ECRC	SPPCRC	ASC	Bill	2.6361%	Bill	(V) - (L)	(W) / (L)	(L) / (B)	(V) / (B)
1	RS-1	n/a	0		12.67	-	-	-	-	-	-	12.67	0.33	30.00	12.79	-	-	-	-	-	-	12.79	0.34	30.00	-	0.00%	-	-
2																												
3	RS-1	n/a	100		19.63	4.47	1.18	0.32	0.02	0.42	0.27	26.31	0.69	30.00	19.81	4.47	1.18	0.32	0.02	0.42	0.27	26.49	0.70	30.00	-	0.00%	30.000	30.000
4																												
5	RS-1	n/a	250		30.07	11.17	2.95	0.80	0.06	1.05	0.66	46.77	1.23	48.00	30.35	11.17	2.95	0.80	0.06	1.05	0.66	47.04	1.24	48.28	0.29	0.60%	19.200	19.314
6																												
7	RS-1	n/a	500		47.47	22.35	5.91	1.60	0.11	2.11	1.33	80.86	2.13	82.99	47.91	22.35	5.91	1.60	0.11	2.11	1.33	81.30	2.14	83.44	0.45	0.54%	16.599	16.688
8																												
9	RS-1	n/a	750		64.87	33.52	8.86	2.40	0.17	3.16	1.99	114.96	3.03	117.99	65.47	33.52	8.86	2.40	0.17	3.16	1.99	115.55	3.05	118.60	0.61	0.52%	15.732	15.813
10																												
11	RS-1	n/a	1,000		82.27	44.69	11.81	3.20	0.22	4.21	2.65	149.05	3.93	152.98	83.03	44.69	11.81	3.20	0.22	4.21	2.65	149.81	3.95	153.76	0.77	0.51%	15.298	15.376
12																												
13	RS-1	n/a	1,250		101.76	58.54	14.76	4.00	0.28	5.26	3.31	187.91	4.95	192.86	102.69	58.54	14.76	4.00	0.28	5.26	3.31	188.84	4.98	193.82	0.95	0.49%	15.429	15.505
14																												
15	RS-1	n/a	1,500		121.24	72.39	17.72	4.80	0.33	6.32	3.98	226.76	5.98	232.74	122.35	72.39	17.72	4.80	0.33	6.32	3.98	227.87	6.01	233.87	1.14	0.49%	15.516	15.592
16																												
17	RS-1	n/a	2,000		160.21	100.08	23.62	6.40	0.44	8.42	5.30	304.47	8.03	312.49	161.67	100.08	23.62	6.40	0.44	8.42	5.30	305.93	8.06	313.99	1.50	0.48%	15.625	15.700
18																												
19	RS-1	n/a	3,000		238.14	155.47	35.43	9.60	0.66	12.63	7.95	459.88	12.12	472.00	240.31	155.47	35.43	9.60	0.66	12.63	7.95	462.05	12.18	474.23	2.23	0.47%	15.733	15.808
20																												
21	RS-1	n/a	5,000		394.00	266.25	59.05	16.00	1.10	21.05	13.25	770.70	20.32	791.02	397.58	266.25	59.05	16.00	1.10	21.05	13.25	774.28	20.41	794.69	3.68	0.46%	15.820	15.894

* Present 2023 Base Rates, per the 2021 Settlement Agreement, Amendatory Order PSC-2021-0202A-AS-EI

** Proposed 2023 Base Rates, as proposed ROE Trigger, filed in Docket No. 20220143-EI

*** Billing Adjustments as follows:

Fuel: Approved 2022 rate, Order No. PSC-2022-0061-PCO-EI, Docket No. 20220001-EI

CCR: Approved 2022 rate, Order No. PSC-2021-0442-FOF-EI, Docket No. 20210001-EI

ECCR: Projected 2023 rate, filed in Docket No. 20220002-EI

ECRC: Projected 2023 rate, filed in Docket No. 20220007-EI

SPPCRC: Projected 2023 rate (before updated WACC for ROE Trigger), filed in Docket No. 20220010-EI

ASC: Effective September 2022 rate, approved by Staff July 25, 2022, Docket No. 20150171-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 5
PARTY: Staff Exhibit 5
DESCRIPTION: Letter dated 9/16/22, with response to staff's second data request. (Bates No. 01422-01425)

5

Letter dated 9/16/22, with response to staff's second data request.

FILED 9/16/2022
DOCUMENT NO. 06939-2022
FPSC - COMMISSION CLERK

Dianne M. Triplett
DEPUTY GENERAL COUNSEL

September 16, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC:* Docket No. 20220143-EI

Dear Mr. Teitzman:

Please find attached Duke Energy Florida, LLC's ("DEF"), response to Staff's Second Data Request for the above reference docket.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Dianne M. Triplett

Dianne M. Triplett

DMT/vr
Attachments

299 First Avenue North ▪ St. Petersburg, FL 33701
Phone: 727.820.4692 ▪ Fax: 727.820.5041 ▪ Email: dianne.triplett@duke-energy.com

CERTIFICATE OF SERVICE
Docket No. 20220143

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 16th day of September, 2022, to the following:

/s/ Dianne M. Triplett
Attorney

Jennifer Crawford Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 jcrawfor@psc.state.fl.us sbrownle@psc.state.fl.us Florida Industrial Power Users Group Jon C. Moyle, Jr. c/o Moyle Law Firm 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com Nucor Steel Florida, Inc. Corey Allain 22 Nucor Drive Frostproof, FL 33843 corey.allain@nucor.com	Office of Public Counsel Richard Gentry/Charles J. Rehwinkel c/o The Florida Legislature 111 W. Madison St., Rm 812 Tallahassee, FL 32399 gentry.richard@leg.state.fl.us rehwinkel.charles@leg.state.fl.us PCS Phosphate - White Springs James W. Brew/Laura Wynn Baker c/o Stone Law Firm 1025 Thomas Jefferson St., NW, Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S SECOND DATA REQUEST REGARDING DEF'S PETITION FOR A LIMITED PROCEEDING TO IMPLEMENT RETURN ON EQUITY TRIGGER PROVISION OF 2021 SETTLEMENT AGREEMENT

Docket No. 20220143-EI

1. Please refer to DEF's response to Staff's First Data Request, No. 7.b. Excel attachment titled, "Q7b Calculation of CDD and HDD". Please provide DEF's CDD and HDD allocation methodology that was applied to the three selected weather stations (Orlando International Airport, Tallahassee Regional Airport, and St. Petersburg International Airport) that were, in turn, used to produce DEF's Actual Monthly CDD and Actual Monthly HDD as seen below.

	ACTUAL		NORMAL FROM ITRON MODEL		WEATHER	
	Monthly CDD	Monthly HDD	CDD	HDD	CDD	HDD
Jun-21	471.26	-	463.46	0	7.80	-
Jul-21	529.75	-	514.17	0	15.58	-
Aug-21	552.63	-	517.27	0	35.36	-
Sep-21	462.37	-	455.47	0	6.90	-
Oct-21	386.59	-	308.63	5.26	77.96	(5.26)
Nov-21	75.56	56.16	114.45	47.94	(38.89)	8.22
Dec-21	121.82	27.91	62.16	135.31	59.66	(107.40)
Jan-22	27.34	196.91	35.17	192.16	(7.83)	4.75
Feb-22	79.53	85.54	53.34	115.75	26.19	(30.21)
Mar-22	186.10	14.71	112.1	57.25	74.00	(42.54)
Apr-22	257.79	3.75	212.32	8.01	45.47	(4.26)
May-22	421.85	-	376.67	0.35	45.18	(0.35)

Response:

The weather station weights applied to each of the three weather stations to derive a weighted average of CDD and HDD for weather normalization are as follows. The weights are fixed over time for each weather station, vary across weather stations, and were determined based on the allocation of load at the operating centers across the service area, and the proximity of the load to each weather station.

Average Daily Temperatures collected for Each day of 30 Years for each of three weather stations in DEF service Area.

MCO	Orlando Florida International Airport
TLH	Tallahassee Florida International Airport
TPAPIE	Saint Petersburg / Clearwater: St Pete-CLWTR Florida International Airport

Weather Splines for each of the three weather stations are weighted by Load distribution across DEF territory

Weather Station Code	Description of Weather Station	Weighting
MCO	ORLANDO: ORLANDO INTERNATIONAL AIRPORT (12815)	0.45
TLH	TALLAHASSEE: TALLAHASSEE REGIONAL AIRPORT (93805)	0.10
PIE	ST PETERSBURG/CLEARWATER: ST PETE-CLWTR INTL AIRPORT (12873)	0.45

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 6
PARTY: Staff Exhibit 6
DESCRIPTION: Notice dated 09/26/22 with attached affidavits for Marcia Olivier and Joseph Phalen for staff's firs...

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Notice dated 9/26/22 with attached affidavits for Marcia Olivier and Joseph Phalen for staff's first data request.

FILED 9/26/2022
DOCUMENT NO. 07913-2022
FPSC - COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC	Docket No. 20220143-EI Dated: September 26, 2022

NOTICE OF FILING VERIFIED AFFIDAVITS

Duke Energy Florida, LLC, ("DEF") hereby gives notice of filing the Verified Affidavits of Marcia Olivier and Joseph Phalen in support of DEF's Response to Staff's First Data Request, submitted on August 29, 2022 and Revised Response to Staff's First Data Request submitted on August 30, 2022, via electronic mail to Suzanne Brownless, Office of General Counsel, sbrownle@psc.state.fl.us, on this 26th day of September, 2022.

Respectfully submitted,

s/ Dianne Triplett

DIANNE M. TRIPLETT
Deputy General Counsel
299 1st Avenue North
St. Petersburg, Florida 33701
T: (727) 820-4692
F: (727) 820-5041
E: dianne.triplett@duke-energy.com

MATTHEW R. BERNIER
Associate General Counsel
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
T: (850) 521-1428
F: (727) 820-5041
E: matthew.bernier@duke-energy.com

STEPHANIE A. CUELLO
Senior Counsel
106 East College Avenue
Suite 800
Tallahassee, Florida 32301
T: (850) 521-1425
F: (727) 820-5041
E: stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Attorneys for Duke Energy Florida, LLC

CERTIFICATE OF SERVICE
Docket No. 202200143-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished to the following by electronic mail this 26th day of September, 2022, to all parties of record as indicated below.

s/ Dianne Triplett
Attorney

Jennifer Crawford Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 jcrawfor@psc.state.fl.us sbrownle@psc.state.fl.us Florida Industrial Power Users Group Jon C. Moyle, Jr. c/o Moyle Law Firm 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com Nucor Steel Florida, Inc. Corey Allain 22 Nucor Drive Frostproof, FL 33843 corey.allain@nucor.com Represented By: Stone Law Firm	Office of Public Counsel Richard Gentry/Charles J. Rehwinkel c/o The Florida Legislature 111 W. Madison St., Rm 812 Tallahassee, FL 32399 gentry.richard@leg.state.fl.us rehwinkel.charles@leg.state.fl.us PCS Phosphate - White Springs James W. Brew/Laura Wynn Baker c/o Stone Law Firm 1025 Thomas Jefferson St., NW, Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 15th day of September, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared MARCIA OLIVIER, who is personally known to me or provided _____ as identification, and she acknowledged before me that she provided the answers to data request numbers 1, 2, 3, 4, 5, 12, 13, 14, and 15, from STAFF'S FIRST DATA REQUEST TO DUKE ENERGY FLORIDA, LLC D/B/A DUKE ENERGY in Docket No. 20220143-EI, and that the responses are true and correct based on her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 15TH day of September, 2022.

Marcia Olivier

Marcia Olivier

Notary Public
State of Florida, at Large

My Commission Expires:

_____

SANDRA COPE
MY COMMISSION # HH 214522
EXPIRES: March 8, 2026

COUNTY OF FORT BEND

I hereby certify that on this 16 day of September, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JOSEPH PHALEN, who is personally known to me or provided DRIVER'S LICENSE as identification, and he acknowledged before me that he provided the answers to data request numbers 6, 7, 8, 9, 10, and 11, from STAFF'S FIRST DATA REQUEST TO DUKE ENERGY FLORIDA, LLC D/B/A DUKE ENERGY in Docket No. 20220143-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16 day of September 2022.

Joseph Phalen

JEFFIN KUNNACHERRY
Notary Public, State of Texas
Comm. Expires 11-11-2024
Notary ID 132776860

Notary Public
State of Texas

My Commission Expires:
11/11/2024

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220143 EXHIBIT: 7
PARTY: Staff Exhibit 7
DESCRIPTION: Notice dated 09/27/22 with attached affidavit of Joseph Phalen for staff's second data request. (Ba...

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Notice dated 9/27/22 with attached affidavit for Joseph Phalen for staff's second data request.

FILED 9/27/2022
DOCUMENT NO. 08083-2022
FPSC - COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC	Docket No. 20220143-EI Dated: September 27, 2022

NOTICE OF FILING VERIFIED AFFIDAVIT

Duke Energy Florida, LLC, ("DEF") hereby gives notice of filing the Verified Affidavit of Joseph Phalen in support of DEF's Response to Staff's Second Data Request, submitted on September 16, 2022, via electronic mail to Suzanne Brownless, Office of General Counsel, sbrownle@psc.state.fl.us, on this 27th day of September, 2022.

Respectfully submitted,

s/ Dianne Triplett

DIANNE M. TRIPLETT
Deputy General Counsel
299 1st Avenue North
St. Petersburg, Florida 33701
T: (727) 820-4692
F: (727) 820-5041
E: dianne.triplett@duke-energy.com

MATTHEW R. BERNIER
Associate General Counsel
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
T: (850) 521-1428
F: (727) 820-5041
E: matthew.bernier@duke-energy.com

STEPHANIE A. CUELLO
Senior Counsel
106 East College Avenue
Suite 800
Tallahassee, Florida 32301
T: (850) 521-1425
F: (727) 820-5041
E: stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Attorneys for Duke Energy Florida, LLC

CERTIFICATE OF SERVICE
Docket No. 202200143-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished to the following by electronic mail this 27th day of September, 2022, to all parties of record as indicated below.

s/ Dianne Triplett
Attorney

Jennifer Crawford Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 jcrawfor@psc.state.fl.us sbrownle@psc.state.fl.us Florida Industrial Power Users Group Jon C. Moyle, Jr. c/o Moyle Law Firm 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com Nucor Steel Florida, Inc. Corey Allain 22 Nucor Drive Frostproof, FL 33843 corey.allain@nucor.com Represented By: Stone Law Firm	Office of Public Counsel Richard Gentry/Charles J. Rehwinkel c/o The Florida Legislature 111 W. Madison St., Rm 812 Tallahassee, FL 32399 gentry.richard@leg.state.fl.us rehwinkel.charles@leg.state.fl.us PCS Phosphate - White Springs James W. Brew/Laura Wynn Baker c/o Stone Law Firm 1025 Thomas Jefferson St., NW, Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com

COUNTY OF FORT BEND

I hereby certify that on this 16 day of SEPTEMBER, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JOSEPH PHALEN, who is personally known to me or provided DRIVER'S LICENSE as identification, and he acknowledged before me that he provided the answer to data request numbers 1, from STAFF'S FIRST SECOND REQUEST TO DUKE ENERGY FLORIDA, LLC D/B/A DUKE ENERGY in Docket No. 20220143-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16 day of September, 2022.

JEFFIN KUNNACHERRY
Notary Public, State of Texas
Comm. Expires 11-11-2024
Notary ID 132776860

Joseph Phalen

Notary Public
State of Texas

My Commission Expires:
11/11/2024