

2034	4	174921.04	176006.9584	-1085.918469	-0.620804947	3352.965714
2034	5	177802.6332	188574.1029	-10771.46964	-6.058104677	-7418.503925
2034	6	188619.2285	189167.1746	-547.9461277	-0.290503854	-7966.450052
2034	7	193035.5467	196435.2408	-3399.694111	-1.761175167	-11366.14416
2034	8	197620.1107	196573.0821	1047.028625	0.529818864	-10319.11554
2034	9	192265.772	188487.6906	3778.0814	1.965030676	-6541.034139
2034	10	185733.3163	184609.8142	1123.502051	0.604900658	-5417.532088
2034	11	189177.6188	184600.9191	4576.699687	2.419260649	-840.8324013
2034	12	169997.1695	166769.4714	3227.698099	1.898677554	2386.865697
2035	1	164854.9219	160054.5654	4800.356568	2.911867303	4800.356568
2035	2	169765.7471	162070.3753	7695.371752	4.532935462	12495.72832
2035	3	169721.0968	177530.3202	-7809.22337	-4.601209583	4686.504951
2035	4	174696.7149	175740.2243	-1043.509303	-0.597326231	3642.995648
2035	5	176891.3765	188306.7538	-11415.37722	-6.453326015	-7772.381572
2035	6	188707.5833	188898.7757	-191.1924394	-0.101316776	-7963.574011
2035	7	192531.2868	196165.5962	-3634.309401	-1.887646139	-11597.88341
2035	8	197365.8709	196302.4441	1063.426835	0.538809892	-10534.45658
2035	9	192771.5324	188216.6614	4554.871035	2.362833857	-5979.585542
2035	10	184545.3462	184338.8668	206.47944	0.111885476	-5773.106102
2035	11	189527.1332	184330.2751	5196.858135	2.742012738	-576.2479674
2035	12	169461.3088	166499.326	2961.982754	1.747881434	2385.734786
2036	1	164105.0334	159785.782	4319.251422	2.632004231	4319.251422
2036	2	169498.3877	166569.3964	2928.99128	1.728034891	7248.242702
2036	3	170168.9011	177268.6241	-7099.722945	-4.172162421	148.5197573
2036	4	178784.0384	175484.5959	3299.442489	1.845490525	3447.962247
2036	5	171391.0625	188056.8014	-16665.73888	-9.723808602	-13217.77663
2036	6	189119.3822	188653.0961	466.286075	0.246556471	-12751.49056
2036	7	191185.8389	195923.157	-4737.318125	-2.477860365	-17488.80868
2036	8	197388.3013	196063.1173	1325.183992	0.671358932	-16163.62469
2036	9	200598.2093	187980.8396	12617.36973	6.289871565	-3546.254964
2036	10	183580.6725	184106.926	-526.2534254	-0.286660583	-4072.508389
2036	11	188132.8198	184102.3014	4030.51839	2.142379195	-41.9899997
2036	12	169179.9914	166275.1196	2904.871743	1.717030318	2862.881743
2037	1	165305.4367	159564.9226	5740.514094	3.472671081	5740.514094
2037	2	168807.1621	161586.1101	7221.052073	4.277692949	12961.56617
2037	3	168557.6258	177052.6004	-8494.974661	-5.039804413	4466.591505
2037	4	172128.9386	175269.8491	-3140.910522	-1.824742863	1325.680983
2037	5	179888.5272	187843.3849	-7954.857725	-4.422103983	-6629.176741
2037	6	189047.412	188441.4096	606.0023586	0.320555755	-6023.174383
2037	7	191622.8533	195713.3878	-4090.534503	-2.134679885	-10113.70889
2037	8	189104.191	195855.0766	-6750.885634	-3.569929149	-16864.59452
2037	9	190996.9694	187774.0678	3222.901577	1.687409799	-13641.69294
2037	10	185517.2508	183901.3345	1615.916308	0.87103291	-12025.77663
2037	11	187941.8868	183898.3142	4043.57263	2.151501562	-7982.204004
2037	12	168807.0247	166073.4372	2733.587475	1.619356469	-5248.61653
2038	1	165358.4658	159365.8073	5992.658506	3.624040944	5992.658506
2038	2	168845.776	161388.9777	7456.798273	4.416336879	13449.45678
2038	3	168332.1484	176856.5267	-8524.37835	-5.064022786	4925.07843
2038	4	176228.6657	175074.1227	1154.543004	0.655139162	6079.621434
2038	5	174826.8552	187647.6624	-12820.80714	-7.333431194	-6741.185703
2038	6	187042.0013	188245.7296	-1203.728275	-0.643560413	-7944.913978
2038	7	192398.7232	195518.0001	-3119.276922	-1.621256561	-11064.1909
2038	8	189687.4312	195660.3963	-5972.965088	-3.148845999	-17037.15599
2038	9	190860.5048	187580.4922	3280.012587	1.718539197	-13757.1434
2038	10	185586.5641	183708.8419	1877.722227	1.01177703	-11879.42117
2038	11	188249.7124	183706.3258	4543.386573	2.413489251	-7336.034601
2038	12	168445.1049	165881.1053	2563.999573	1.522157367	-4772.035028
2039	1	164463.4401	159172.931	5290.509003	3.216829833	5290.509003
2039	2	169367.6708	161196.283	8171.387798	4.824644371	13461.8968
2039	3	168112.0717	176665.2883	-8553.216583	-5.087806304	4908.680219
2039	4	173033.3188	174885.2833	-1851.964449	-1.070293549	3056.71577
2039	5	177337.2202	187461.3895	-10124.16932	-5.708992909	-7067.453555
2039	6	187156.3526	188061.6178	-905.2652716	-0.483694654	-7972.718826
2039	7	191632.3613	195335.6562	-3703.294978	-1.93249979	-11676.0138
2039	8	197053.6013	195479.6657	1573.93567	0.798734791	-10102.07813
2039	9	190930.1026	187401.3383	3528.764266	1.848196915	-6573.313869
2039	10	185048.3067	183531.2964	1517.01035	0.819791533	-5056.303519
2039	11	187474.5213	183530.4201	3944.101217	2.103806527	-1112.202302
2039	12	169204.8036	165706.8665	3497.937088	2.067280015	2385.734786
2040	1	164522.1274	159000.3958	5521.73156	3.356224264	5521.73156
2040	2	168483.0529	165790.3733	2692.679623	1.59819019	8214.411183
2040	3	167931.4821	176495.4424	-8563.960238	-5.099675255	-349.5490553
2040	4	172344.7599	174716.8459	-2372.086028	-1.376360981	-2721.635083
2040	5	177501.0918	187294.0017	-9792.909899	-5.517098402	-12514.54498
2040	6	187120.7114	187894.8397	-774.1283473	-0.413705325	-13288.67333
2040	7	191431.9782	195169.2005	-3737.222311	-1.952245568	-17025.89564

2040	8	196608.1372	195313.4879	1294.649392	0.658492273	-15731.24625
2040	9	191069.5909	187235.5294	3834.061499	2.006630925	-11897.18475
2040	10	184739.2551	183365.8217	1373.433404	0.743444268	-10523.75135
2040	11	186998.2282	183365.03	3633.198191	1.942905142	-6890.553155
2040	12	170048.7522	165541.1065	4507.645646	2.650796074	-2382.907508
2041	1	163407.8665	158833.6434	4574.223112	2.799267385	4574.223112
2041	2	168788.6459	160856.9625	7931.683408	4.699180663	12505.90652
2041	3	167763.459	176325.1574	-8561.698416	-5.103434603	3944.208104
2041	4	177060.6927	174543.6944	2516.998299	1.421545494	6461.206403
2041	5	179687.1369	187117.9636	-7430.82672	-4.135424965	-969.6203167
2041	6	188414.3275	187716.2046	698.12285	0.370525352	-271.4974666
2041	7	190584.4585	194988.2066	-4403.748114	-2.310654368	-4675.245581
2041	8	188627.4607	195130.1601	-6502.699411	-3.447376848	-11177.94499
2041	9	191662.9809	187049.8679	4613.112956	2.406887827	-6564.832036
2041	10	183642.804	183177.9114	464.8926258	0.253150472	-6099.93941
2041	11	187667.6401	183175.1445	4492.495573	2.393857338	-1607.443837
2041	12	166474.7732	165349.5655	1125.207779	0.675902875	-482.2360572
2042	1	172500.2539	158640.3252	13859.92874	8.034729474	13859.92874
2042	2	168356.7209	160661.3492	7695.371752	4.570872912	21555.3005
2042	3	167619.5581	176126.4073	-8506.849228	-5.075093459	13048.45127
2042	4	174077.597	174341.4894	-263.89239	-0.151594688	12784.55888
2042	5	175675.2259	186913.0501	-11237.82418	-6.396931679	1546.734701
2042	6	188306.9507	187509.8732	797.0775711	0.423286325	2343.812272
2042	7	190397.6322	194781.0239	-4383.391714	-2.302230161	-2039.579442
2042	8	188432.9387	194921.5017	-6488.563022	-3.443433545	-8528.142464
2042	9	199455.8043	186838.4346	12617.36973	6.325897494	4089.227263
2042	10	182436.7117	182962.9651	-526.2534254	-0.288458074	3562.973837
2042	11	187950.8041	182956.9445	4993.859593	2.65700358	8556.83343
2042	12	167070.1053	165129.1402	1940.965084	1.161766841	10497.79851
2043	1	164159.2454	158418.7313	5740.514094	3.496917935	5740.514094
2043	2	167660.5351	160439.483	7221.052073	4.306948005	12961.56617
2043	3	167409.8994	175904.8741	-8494.974661	-5.074356231	4466.591505
2043	4	172672.8035	174120.516	-1447.712494	-0.838413731	3018.879011
2043	5	177044.333	186692.3888	-9648.055752	-5.449514021	-6629.176741
2043	6	187894.9348	187288.9324	606.0023586	0.322521924	-6023.174383
2043	7	190468.7124	194559.2469	-4090.534503	-2.147614929	-10113.70889
2043	8	187947.5979	194698.4835	-6750.885634	-3.591897801	-16864.59452
2043	9	189836.9141	186614.0125	3222.901577	1.697721222	-13641.69294
2043	10	184353.1668	182737.2505	1615.916308	0.876532981	-12025.77663
2043	11	186773.9365	182730.3639	4043.57263	2.16495551	-7982.204004
2043	12	167635.9768	164902.3893	2733.587475	1.630668742	-5248.61653
2044	1	156332.703	158192.6129	-1859.909889	-1.189712615	-1859.909889
2044	2	168860.1761	164979.7182	3880.457916	2.298030244	2020.548028
2044	3	167095.5721	175681.5851	-8586.013005	-5.138384516	-6565.464977
2044	4	183385.7701	173899.2499	9486.520178	5.172985982	2921.055201
2044	5	171711.6444	186472.1882	-14760.54378	-8.59612278	-11839.48858
2044	6	186163.1298	187068.3951	-905.2652716	-0.486275275	-12744.75385
2044	7	190634.603	194337.898	-3703.294978	-1.942614257	-16448.04883
2044	8	188468.103	194477.2573	-6009.154243	-3.188419763	-22457.20308
2044	9	197506.5231	186394.6689	11111.85418	5.62606946	-11345.3489
2044	10	184037.6961	182520.6857	1517.01035	0.824293274	-9828.338546
2044	11	183817.7766	182516.0782	1301.698374	0.708146077	-8526.640172
2044	12	163671.4949	164688.9248	-1017.429884	-0.621629249	-9544.070056
2045	1	170182.9826	157978.9318	12204.05078	7.171134622	12204.05078
2045	2	167934.0753	160000.6955	7933.379775	4.724103648	20137.43056
2045	3	166926.8113	175468.1533	-8541.342016	-5.116818532	11596.08854
2045	4	172600.2284	173686.1469	-1085.918469	-0.629152394	10510.17007
2045	5	175487.7978	186259.2674	-10771.46964	-6.138016304	-261.299566
2045	6	186307.305	186855.2511	-547.9461277	-0.294108772	-809.2456937
2045	7	190724.6758	194124.3699	-3399.694111	-1.782514034	-4208.939805
2045	8	195310.6282	194263.5996	1047.028625	0.536083793	-3161.911181
2045	9	189959.4528	186181.3714	3778.0814	1.988888336	616.1702191
2045	10	183431.4179	182307.9159	1123.502051	0.612491613	1739.67227
2045	11	186880.2139	182303.5142	4576.699687	2.449001739	6316.371957
2045	12	167703.6294	164475.9313	3227.698099	1.924644154	9544.070056

Year	Month	Difference	Days_C	CDD_C_70
2009	1			
2009	2			
2009	3	-8665.176782	-7598.162161	-1067.014621
2009	4	-1627.478596	474.885135	-2102.363731
2009	5	-8664.777316	-4036.523648	-4628.253668
2009	6	-2735.27448	3561.638513	-6296.912993
2009	7	-1562.948199	-2611.868243	1048.920043
2009	8	-6990.073331	-5936.064188	-1054.009143
2009	9	2447.096564	949.7702701	1497.326294
2009	10	-287.4070694	-4748.85135	4461.444281
2009	11	7111.168983	0	7111.168983
2009	12	2635.198209	1899.54054	735.6576692
2010	1	5935.547496	5698.621621	236.925875
2010	2	7660.927727	7598.162161	62.76556593
2010	3	-7598.162161	-7598.162161	0
2010	4	342.7926509	2136.983108	-1794.190457
2010	5	-14351.73912	-5936.064188	-8415.674935
2010	6	-2356.126684	2136.983108	-4493.109792
2010	7	-3113.056911	-1662.097973	-1450.958939
2010	8	-4274.336619	-5223.736485	949.3998666
2010	9	2835.564526	949.7702701	1885.794256
2010	10	3175.442712	-4748.85135	7924.294063
2010	11	4778.050625	237.4425675	4540.608058
2010	12	2466.741219	1662.097973	804.6432461
2011	1	5035.488551	4986.293918	49.19463276
2011	2	8041.898478	8310.489863	-268.5913857
2011	3	-8322.510719	-7598.162161	-724.3485582
2011	4	-8700.644831	-2849.31081	-5851.33402
2011	5	-3921.23918	-949.7702701	-2971.46891
2011	6	-1742.70494	2611.868243	-4354.573182
2011	7	-3117.48303	-2136.983108	-980.4999218
2011	8	1014.134677	1424.655405	-410.5207285
2011	9	4386.560333	1187.212838	3199.347496
2011	10	4079.089442	-4986.293918	9065.38336
2011	11	1819.684719	-237.4425675	2057.127287
2011	12	3815.157651	2611.868243	1203.289408
2012	1	5208.469186	5223.736485	-15.26729982
2012	2	2213.173318	2849.31081	-636.1374925
2012	3	-9834.538857	-7598.162161	-2236.376696
2012	4	573.693567	1187.212838	-613.5192706
2012	5	-12246.74317	-4986.293918	-7260.449248
2012	6	1826.401722	2849.31081	-1022.909088
2012	7	-5110.148384	-2136.983108	-2973.165276
2012	8	2292.678436	1187.212838	1105.465598
2012	9	3378.304327	1424.655405	1953.648922
2012	10	335.257016	-5223.736485	5558.993502
2012	11	5382.717659	-712.3277026	6095.045362
2012	12	3552.025768	3561.638513	-9.612744332
2013	1	4100.371362	4273.966215	-173.5948535
2013	2	7629.730145	8073.047296	-443.3171504
2013	3	-7279.245231	-7598.162161	318.9169296
2013	4	-1481.562002	3086.753378	-4568.31538
2013	5	-2921.660058	-237.4425675	-2684.217491
2013	6	-825.7798543	3799.08108	-4624.860935
2013	7	-2739.046978	-2849.31081	110.263832
2013	8	-8075.231293	-5698.621621	-2376.609672
2013	9	5011.759118	2136.983108	2874.776011
2013	10	-905.2061692	-5936.064188	5030.858019
2013	11	4854.387125	237.4425675	4616.944557
2013	12	1151.218735	237.4425675	913.7761671
2014	1	7644.724568	6648.391891	996.3326772
2014	2	14624.18083	14721.43919	-97.25835442
2014	3	-7862.229902	-7598.162161	-264.0677413
2014	4	-4779.503177	-1424.655405	-3354.847772
2014	5	-7783.573456	-2374.425675	-5409.147781
2014	6	471.3751749	3799.08108	-3327.705905
2014	7	-4216.016872	-2849.31081	-1366.706062
2014	8	-7401.773734	-5698.621621	-1703.152113
2014	9	15424.85653	9260.260133	6164.596394
2014	10	-1055.519819	-6410.949323	5355.429504
2014	11	4478.164132	1187.212838	3290.951295
2014	12	1575.115344	1187.212838	387.9025066
2015	1	5779.530527	5461.179053	318.351474
2015	2	7466.459781	7360.719593	105.7401876
2015	3	-10327.6161	-7598.162161	-2729.453935

2015	4	-5388.030874	-949.7702701	-4438.260604
2015	5	-6125.609024	-2611.868243	-3513.740781
2015	6	865.5464555	3561.638513	-2696.092057
2015	7	-2424.702456	-2611.868243	187.1657867
2015	8	-6548.452548	-5936.064188	-612.3883595
2015	9	3156.177822	949.7702701	2206.407552
2015	10	514.9743545	-4748.85135	5263.825705
2015	11	2578.477303	0	2578.477303
2015	12	2357.559535	1899.54054	458.0189946
2016	1	955.4932894	-2136.983108	3092.476397
2016	2	4164.316602	4036.523648	127.7929541
2016	3	-9962.331811	-7598.162161	-2364.16965
2016	4	7596.173216	9022.817566	-1426.64435
2016	5	-11835.97862	-6173.506756	-5662.471867
2016	6	-1863.712427	2611.868243	-4475.58067
2016	7	-4267.054161	-2136.983108	-2130.071053
2016	8	-5058.05801	-5223.736485	165.6784758
2016	9	10817.81729	7835.604728	2982.212565
2016	10	1773.161714	-4986.293918	6759.455632
2016	11	2901.937578	-2849.31081	5751.248388
2016	12	-2293.663058	-1899.54054	-394.1225176
2017	1	3910.622113	3086.753378	823.8687348
2017	2	8315.062271	8073.047296	242.0149749
2017	3	-8670.831337	-7598.162161	-1072.669176
2017	4	-4650.208908	-474.885135	-4175.323773
2017	5	-7483.686963	-3324.195945	-4159.491018
2017	6	918.8455662	2849.31081	-1930.465244
2017	7	-4816.725717	-1899.54054	-2917.185177
2017	8	289.3181889	949.7702701	-660.4520811
2017	9	3640.675701	1424.655405	2216.020296
2017	10	204.6367842	-5223.736485	5428.37327
2017	11	7076.013213	474.885135	6601.128078
2017	12	3780.713625	2374.425675	1406.28795
2018	1	4683.30727	4511.408783	171.8984869
2018	2	5188.707304	7835.604728	-2646.897425
2018	3	-5454.520175	-7598.162161	2143.641986
2018	4	-1942.534863	949.7702701	-2892.305133
2018	5	-9665.487348	-4748.85135	-4916.635998
2018	6	-937.0283084	3086.753378	-4023.781686
2018	7	-2900.913554	-2136.983108	-763.9304466
2018	8	706.0589285	949.7702701	-243.7113416
2018	9	1487.274682	2136.983108	-649.7084257
2018	10	-18.00641296	-5936.064188	5918.057775
2018	11	7456.418509	1187.212838	6269.205671
2018	12	3265.632383	2136.983108	1128.649276
2019	1	-2270.284328	-2849.31081	579.0264821
2019	2	6210.436718	8073.047296	-1862.610578
2019	3	-6099.704956	-7598.162161	1498.457205
2019	4	2516.998299	4748.85135	-2231.853052
2019	5	-7430.82672	-1899.54054	-5531.28618
2019	6	698.12285	3799.08108	-3100.95823
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2019	8	-6502.699411	-5698.621621	-804.0777906
2019	9	4613.112956	2136.983108	2476.129849
2019	10	464.8926258	-5936.064188	6400.956814
2019	11	4492.495573	237.4425675	4255.053006
2019	12	1125.207779	237.4425675	887.7652118
2020	1	6960.523354	6648.391891	312.131463
2020	2	3165.302936	3324.195945	-158.8930092
2020	3	-8569.614794	-7598.162161	-971.4526331
2020	4	-443.141799	1899.54054	-2342.682339
2020	5	-11775.5724	-5698.621621	-6076.950784
2020	6	222.5747334	3799.08108	-3576.506347
2020	7	-5068.060858	-3324.195945	-1743.864913
2020	8	1560.930192	1424.655405	136.2747873
2020	9	3034.088186	712.3277026	2321.760484
2020	10	2234.475916	-4511.408783	6745.884699
2020	11	1526.184227	-2849.31081	4375.495038
2020	12	4525.740224	3561.638513	964.1017109
2021	1	13868.97603	13534.22635	334.749685
2021	2	7456.798273	7598.162161	-141.3638872
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2021	4	-77.90627745	2136.983108	-2214.889385
2021	5	-11588.35786	-5936.064188	-5652.293667
2021	6	-1203.728275	2136.983108	-3340.711383
2021	7	-3119.276922	-1662.097973	-1457.17895

2021	8	-5972.965088	-5223.736485	-749.2286023
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2021	10	1877.722227	-4748.85135	6626.573578
2021	11	4543.386573	237.4425675	4305.944005
2021	12	2563.999573	1662.097973	901.9016005
2022	1	5290.509003	4986.293918	304.2150853
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2022	10	1517.01035	-4986.293918	6503.304268
2022	11	3944.101217	-237.4425675	4181.543784
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2024	5	-10012.30665	-3799.08108	-6213.225572
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2027	1	5992.658506	5698.621621	294.0368854
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2030	9	4613.112956	2136.983108	2476.129849
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2030	11	4492.495573	237.4425675	4255.053006
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2031	1	13859.92874	13534.22635	325.7023962
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2031	9	12617.36973	9260.260133	3357.109594
2031	10	-526.2534254	-6410.949323	5884.695898
2031	11	4993.859593	1187.212838	3806.646755
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2041	6	698.12285	3799.08108	-3100.95823
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2041	9	4613.112956	2136.983108	2476.129849
2041	10	464.8926258	-5936.064188	6400.956814
2041	11	4492.495573	237.4425675	4255.053006
2041	12	1125.207779	237.4425675	887.7652118
2042	1	13859.92874	13534.22635	325.7023962
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2042	8	-6488.563022	-5698.621621	-789.9414019
2042	9	12617.36973	9260.260133	3357.109594
2042	10	-526.2534254	-6410.949323	5884.695898
2042	11	4993.859593	1187.212838	3806.646755
2042	12	1940.965084	1187.212838	753.7522467
2043	1	5740.514094	5461.179053	279.3350412
2043	2	7221.052073	7360.719593	-139.6675206
2043	3	-8494.974661	-7598.162161	-896.8125006
2043	4	-1447.712494	712.3277026	-2160.040197
2043	5	-9648.055752	-4273.966215	-5374.089537
2043	6	606.0023586	3561.638513	-2955.636154
2043	7	-4090.534503	-2611.868243	-1478.66626
2043	8	-6750.885634	-5936.064188	-814.821446
2043	9	3222.901577	949.7702701	2273.131307
2043	10	1615.916308	-4748.85135	6364.767659
2043	11	4043.57263	0	4043.57263
2043	12	2733.587475	1899.54054	834.0469347
2044	1	-1859.909889	-2136.983108	277.073219
2044	2	3880.457916	4036.523648	-156.0657315
2044	3	-8586.013005	-7598.162161	-987.850844
2044	4	9486.520178	11634.68581	-2148.16563
2044	5	-14760.54378	-8785.374998	-5975.168786
2044	6	-905.2652716	2611.868243	-3517.133514
2044	7	-3703.294978	-2136.983108	-1566.311871
2044	8	-6009.154243	-5223.736485	-785.4177575
2044	9	11111.85418	7835.604728	3276.24945
2044	10	1517.01035	-4986.293918	6503.304268
2044	11	1301.698374	-2849.31081	4151.009185
2044	12	-1017.429884	-1899.54054	882.1106563
2045	1	12204.05078	11872.12838	331.9224072
2045	2	7933.379775	8073.047296	-139.6675206
2045	3	-8541.342016	-7598.162161	-943.1798556
2045	4	-1085.918469	1187.212838	-2273.131307
2045	5	-10771.46964	-4986.293918	-5785.175721
2045	6	-547.9461277	2849.31081	-3397.256938
2045	7	-3399.694111	-1899.54054	-1500.153571
2045	8	1047.028625	949.7702701	97.25835442
2045	9	3778.0814	1424.655405	2353.425995
2045	10	1123.502051	-5223.736485	6347.238537
2045	11	4576.699687	474.885135	4101.814552
2045	12	3227.698099	2374.425675	853.2724233



Year	Month	Predicted	Simulated	Diff	%Diff	YTD Diff
2008	1					
2008	2	242148.4894	245525.5436	-3377.054159	-1.394621196	
2008	3	246620.0859	248063.5569	-1443.471005	-0.585301477	
2008	4	255262.9945	263706.5273	-8443.532833	-3.307777866	
2008	5	262120.5924	293769.8283	-31649.23589	-12.07430351	
2008	6	269726.1807	270125.453	-399.2722369	-0.148028729	
2008	7	277037.8905	307720.7184	-30682.82798	-11.07531823	
2008	8	281943.6474	256371.7673	25571.88014	9.069855047	
2008	9	317752.4496	306695.0281	11057.42157	3.479885546	
2008	10	297820.4489	278567.3248	19253.1241	6.464674998	
2008	11	270189.9368	243662.6107	26527.32609	9.818028903	
2008	12	252000.8038	260769.3447	-8768.540889	-3.47956862	
2009	1	241630.0979	241865.0519	-234.9539484	-0.097237037	-234.9539484
2009	2	242611.4455	240297.0498	2314.39564	0.953951548	2079.441691
2009	3	241274.7965	248732.8289	-7458.032321	-3.091094647	-5378.59063
2009	4	252983.2952	262084.8657	-9101.570428	-3.597696211	-14480.16106
2009	5	267545.4721	287569.4033	-20023.93123	-7.484309516	-34504.09228
2009	6	287200.4874	301373.0692	-14172.58183	-4.934734604	-48676.67412
2009	7	284965.175	309921.1336	-24955.95859	-8.75754681	-73632.63271
2009	8	281575.5239	257561.462	24014.06186	8.528462109	-49618.57085
2009	9	306946.1819	302300.1776	4646.004283	1.513621787	-44972.56657
2009	10	300881.6648	286217.9283	14663.73656	4.873589279	-30308.83001
2009	11	280893.4718	245709.0601	35184.41163	12.52589155	4875.581624
2009	12	254501.278	258679.2813	-4178.003309	-1.641643351	697.5783148
2010	1	253221.8239	261361.2245	-8139.400615	-3.214336146	-8139.400615
2010	2	246570.6036	240694.6619	5875.941695	2.383066598	-2263.45892
2010	3	237592.5914	232328.4364	5264.155051	2.215622558	3000.69613
2010	4	239842.72	253569.6356	-13726.91564	-5.723298853	-10726.21951
2010	5	267091.9324	299626.4483	-32534.51588	-12.18101782	-43260.73539
2010	6	297965.9231	306602.0737	-8636.150583	-2.898368543	-51896.88597
2010	7	289063.0054	321500.9525	-32437.94703	-11.22175665	-84334.833
2010	8	290346.5821	260176.7362	30169.84597	10.39097679	-54164.98703
2010	9	310868.6365	305043.9746	5824.661942	1.873673075	-48340.32508
2010	10	291695.973	268031.8899	23664.08311	8.11258478	-24676.24197
2010	11	273822.9892	245094.602	28728.38722	10.49159068	4052.145245
2010	12	253510.5328	268793.2301	-15282.69724	-6.028426936	-11230.552
2011	1	248687.7865	238091.7409	10596.04557	4.260782452	10596.04557
2011	2	237207.6739	237285.799	-78.12510086	-0.032935318	10517.92047
2011	3	237603.8705	243502.2077	-5898.337256	-2.482424737	4619.583209
2011	4	251263.9913	272761.1973	-21497.20593	-8.555625426	-16877.62272
2011	5	272043.2061	286551.294	-14508.08789	-5.333008713	-31385.71061
2011	6	289924.0613	298048.9455	-8124.884233	-2.802418053	-39510.59484
2011	7	278697.886	309759.8746	-31061.9886	-11.14539799	-70572.58344
2011	8	285509.957	258745.6939	26764.26307	9.374196034	-43808.32037
2011	9	304291.5655	294455.6931	9835.872434	3.232384183	-33972.44793
2011	10	287619.0181	257318.7664	30300.25171	10.53485681	-3672.196221
2011	11	260354.4717	243227.37	17127.10178	6.578378188	13454.90556
2011	12	248617.1825	250118.0631	-1500.880581	-0.603691413	11954.02498
2012	1	235370.6172	234987.989	382.6281908	0.162564128	382.6281908
2012	2	261986.3628	267841.1043	-5854.741527	-2.23475049	-5472.113336
2012	3	244140.7386	255554.1401	-11413.40149	-4.674927074	-16885.51483
2012	4	258580.6888	259278.962	-698.2731695	-0.270040726	-17583.788
2012	5	260033.5505	289080.1319	-29046.58135	-11.17032063	-46630.36934
2012	6	285754.6491	283745.1362	2009.512849	0.703230151	-44620.85649
2012	7	268810.6896	305918.6601	-37107.97053	-13.80449959	-81728.82703
2012	8	278963.9476	247625.7379	31338.20968	11.23378485	-50390.61735
2012	9	301698.161	295616.1502	6082.010776	2.015925704	-44308.60657
2012	10	290979.7424	272687.3873	18292.35512	6.286470311	-26016.25146
2012	11	264925.7799	229288.4343	35637.34558	13.45182247	9621.094123
2012	12	242157.0921	252474.1419	-10317.04976	-4.26047805	-695.955635
2013	1	236063.8235	237544.0051	-1480.181607	-0.627026024	-1480.181607
2013	2	234806.4719	237086.8317	-2280.35974	-0.971165625	-3760.541347
2013	3	236812.9139	233411.9748	3400.939107	1.436129074	-359.6022392
2013	4	241202.4178	262326.8981	-21124.4803	-8.757988617	-21484.08254
2013	5	257863.7867	271570.6618	-13706.87518	-5.315548709	-35190.95772
2013	6	280749.5679	289802.6236	-9053.055694	-3.224601827	-44244.01341
2013	7	270384.9892	298214.6764	-27829.68724	-10.29261548	-72073.70065
2013	8	271532.6723	251505.8017	20026.87059	7.375492026	-52046.83006
2013	9	305677.005	296722.9812	8954.023763	2.929243488	-43092.80629
2013	10	291763.2847	275320.4098	16442.87483	5.635690197	-26649.93146
2013	11	271468.4219	246114.7358	25353.68617	9.33946055	-1296.24529
2013	12	252281.9028	255654.5673	-3372.664434	-1.336863404	-4668.909724
2014	1	238831.5162	235442.4192	3389.097018	1.419032576	3389.097018
2014	2	235081.0438	234322.7158	758.3279291	0.322581488	4147.424947
2014	3	235059.8749	236160.2897	-1100.414752	-0.46814232	3047.010194











2045 12 292122.2528 297768.1283 -5645.875534 -1.932709843 508.031069

Year	Month	Difference	HDD_C_50	CDD_C_67	Jun	Aug	Dec
2008	1						
2008	2	-3377.054159	340.7786625	-3717.832821	0	0	0
2008	3	-1443.471005	450.6164133	-1894.087418	0	0	0
2008	4	-8443.532833	50.69434649	-8494.22718	0	0	0
2008	5	-31649.23589	0	-26844.9147	-4804.321186	0	0
2008	6	-399.2722369	0	-5203.593423	4804.321186	0	0
2008	7	-30682.82798	0	-2827.405856	0	-27855.42212	0
2008	8	25571.88014	0	-2283.541987	0	27855.42212	0
2008	9	11057.42157	0	11057.42157	0	0	0
2008	10	19253.1241	0	19253.1241	0	0	0
2008	11	26527.32609	-8.449057749	17928.63543	0	0	8607.139717
2008	12	-8768.540889	8.449057749	-169.8502304	0	0	-8607.139717
2009	1	-234.9539484	-3520.440729	3285.48678	0	0	0
2009	2	2314.39564	2357.287112	-42.89147233	0	0	0
2009	3	-7458.032321	1163.153617	-8621.185938	0	0	0
2009	4	-9101.570428	0	-9101.570428	0	0	0
2009	5	-20023.93123	0	-15219.61004	-4804.321186	0	0
2009	6	-14172.58183	0	-18976.90302	4804.321186	0	0
2009	7	-24955.95859	0	2899.463529	0	-27855.42212	0
2009	8	24014.06186	0	-3841.360262	0	27855.42212	0
2009	9	4646.004283	0	4646.004283	0	0	0
2009	10	14663.73656	0	14663.73656	0	0	0
2009	11	35184.41163	0	26577.27191	0	0	8607.139717
2009	12	-4178.003309	-515.3925227	4944.52893	0	0	-8607.139717
2010	1	-8139.400615	-9662.905712	1523.505097	0	0	0
2010	2	5875.941695	4573.756595	1302.1851	0	0	0
2010	3	5264.155051	5387.682491	-123.5274403	0	0	0
2010	4	-13726.91564	219.6755015	-13946.59114	0	0	0
2010	5	-32534.51588	0	-27730.19469	-4804.321186	0	0
2010	6	-8636.150583	0	-13440.47177	4804.321186	0	0
2010	7	-32437.94703	0	-4582.524904	0	-27855.42212	0
2010	8	30169.84597	0	2314.423847	0	27855.42212	0
2010	9	5824.661942	0	5824.661942	0	0	0
2010	10	23664.08311	0	23664.08311	0	0	0
2010	11	28728.38722	0	20121.2475	0	0	8607.139717
2010	12	-15282.69724	-14174.70255	7499.145022	0	0	-8607.139717
2011	1	10596.04557	10198.0127	398.0328632	0	0	0
2011	2	-78.12510086	3948.526321	-4026.651422	0	0	0
2011	3	-5898.337256	30.97987841	-5929.317135	0	0	0
2011	4	-21497.20593	0	-21497.20593	0	0	0
2011	5	-14508.08789	0	-9703.7667	-4804.321186	0	0
2011	6	-8124.884233	0	-12929.20542	4804.321186	0	0
2011	7	-31061.9886	0	-3206.566471	0	-27855.42212	0
2011	8	26764.26307	0	-1091.159056	0	27855.42212	0
2011	9	9835.872434	0	9835.872434	0	0	0
2011	10	30300.25171	0	30300.25171	0	0	0
2011	11	17127.10178	0	8519.962063	0	0	8607.139717
2011	12	-1500.880581	0	7106.259135	0	0	-8607.139717
2012	1	382.6281908	-974.4579937	1357.086184	0	0	0
2012	2	-5854.741527	-239.3899696	-5615.351557	0	0	0
2012	3	-11413.40149	1213.847963	-12627.24945	0	0	0
2012	4	-698.2731695	0	-698.2731695	0	0	0
2012	5	-29046.58135	0	-24242.26016	-4804.321186	0	0
2012	6	2009.512849	0	-2794.808337	4804.321186	0	0
2012	7	-37107.97053	0	-9252.548411	0	-27855.42212	0
2012	8	31338.20968	0	3482.787553	0	27855.42212	0
2012	9	6082.010776	0	6082.010776	0	0	0
2012	10	18292.35512	0	18292.35512	0	0	0
2012	11	35637.34558	0	27030.20586	0	0	8607.139717
2012	12	-10317.04976	-450.6164133	-1259.293628	0	0	-8607.139717
2013	1	-1480.181607	383.0239513	-1863.205558	0	0	0
2013	2	-2280.35974	-768.8642551	-1511.495485	0	0	0
2013	3	3400.939107	602.6994528	2798.239655	0	0	0
2013	4	-21124.4803	233.7572644	-21358.23756	0	0	0
2013	5	-13706.87518	0	-8902.553996	-4804.321186	0	0
2013	6	-9053.055694	0	-13857.37688	4804.321186	0	0
2013	7	-27829.68724	0	25.7348834	0	-27855.42212	0
2013	8	20026.87059	0	-7828.551529	0	27855.42212	0
2013	9	8954.023763	0	8954.023763	0	0	0
2013	10	16442.87483	0	16442.87483	0	0	0
2013	11	25353.68617	0	16746.54646	0	0	8607.139717
2013	12	-3372.664434	0	5234.475283	0	0	-8607.139717
2014	1	3389.097018	-3633.094832	7022.19185	0	0	0
2014	2	758.3279291	3551.420607	-2793.092678	0	0	0
2014	3	-1100.414752	81.67422491	-1182.088977	0	0	0



2014	4	-14655.15827	0	-14655.15827	0	0	0
2014	5	-23705.73521	0	-18901.41403	-4804.321186	0	0
2014	6	-4926.896056	0	-9731.217242	4804.321186	0	0
2014	7	-32310.98827	0	-4455.566145	0	-27855.42212	0
2014	8	22070.22034	0	-5785.201788	0	27855.42212	0
2014	9	19707.77371	0	19707.77371	0	0	0
2014	10	15986.50957	0	15986.50957	0	0	0
2014	11	25810.75133	-419.6365349	17623.24815	0	0	8607.139717
2014	12	-7720.843963	419.6365349	466.6592189	0	0	-8607.139717
2015	1	3545.647604	-146.4503343	3692.097938	0	0	0
2015	2	-1418.719316	-2177.040547	758.3212308	0	0	0
2015	3	-12788.03265	2323.490881	-15111.52353	0	0	0
2015	4	-16199.25127	0	-16199.25127	0	0	0
2015	5	-15988.70151	0	-11184.38032	-4804.321186	0	0
2015	6	-2989.917166	0	-7794.238351	4804.321186	0	0
2015	7	-27570.62275	0	284.7993763	0	-27855.42212	0
2015	8	25353.99146	0	-2501.430666	0	27855.42212	0
2015	9	6797.440535	0	6797.440535	0	0	0
2015	10	15576.46709	0	15576.46709	0	0	0
2015	11	18726.09587	0	10118.95615	0	0	8607.139717
2015	12	-6661.582532	0	1945.557185	0	0	-8607.139717
2016	1	15151.37711	-2044.671975	17196.04909	0	0	0
2016	2	1551.792144	2039.03927	-487.2471256	0	0	0
2016	3	-13711.06015	5.632705166	-13716.69285	0	0	0
2016	4	-6435.436508	0	-6435.436508	0	0	0
2016	5	-23220.20374	0	-18415.88256	-4804.321186	0	0
2016	6	-8617.278335	0	-13421.59952	4804.321186	0	0
2016	7	-34549.92313	0	-6694.501001	0	-27855.42212	0
2016	8	27791.94275	0	-63.47937905	0	27855.42212	0
2016	9	9897.636154	0	9897.636154	0	0	0
2016	10	21390.83508	0	21390.83508	0	0	0
2016	11	31844.02377	0	23236.88405	0	0	8607.139717
2016	12	-12511.15459	-577.3522795	-3326.662594	0	0	-8607.139717
2017	1	4144.525017	-1836.261884	5980.786901	0	0	0
2017	2	1562.705426	2185.489604	-622.7841782	0	0	0
2017	3	-5174.485295	228.1245592	-5402.609854	0	0	0
2017	4	-16238.71142	0	-16238.71142	0	0	0
2017	5	-18330.5759	0	-13526.25471	-4804.321186	0	0
2017	6	-908.8229282	0	-5713.144114	4804.321186	0	0
2017	7	-36912.38542	0	-9056.963297	0	-27855.42212	0
2017	8	25954.47207	0	-1900.950054	0	27855.42212	0
2017	9	6878.076503	0	6878.076503	0	0	0
2017	10	18946.02116	0	18946.02116	0	0	0
2017	11	32096.22562	0	23489.08591	0	0	8607.139717
2017	12	-2367.582377	-92.93963524	6332.496975	0	0	-8607.139717
2018	1	-1532.347887	-4618.818236	3086.470349	0	0	0
2018	2	-10962.50178	4711.757871	-15674.25965	0	0	0
2018	3	10184.15119	0	10184.15119	0	0	0
2018	4	-13529.68603	0	-13529.68603	0	0	0
2018	5	-21288.37183	0	-16484.05065	-4804.321186	0	0
2018	6	-7069.754013	0	-11874.0752	4804.321186	0	0
2018	7	-30404.89124	0	-2549.469115	0	-27855.42212	0
2018	8	27218.91267	0	-636.5094494	0	27855.42212	0
2018	9	-1739.678118	0	-1739.678118	0	0	0
2018	10	18149.95543	0	18149.95543	0	0	0
2018	11	32318.60637	-256.288085	23967.75474	0	0	8607.139717
2018	12	-2776.127723	183.0629179	5647.949076	0	0	-8607.139717
2019	1	3820.638755	-140.8176291	3961.456384	0	0	0
2019	2	-9708.713276	211.2264437	-9919.93972	0	0	0
2019	3	4637.911717	5.632705166	4632.279011	0	0	0
2019	4	-9560.163936	183.0629179	-9743.226854	0	0	0
2019	5	-23770.93025	0	-18966.60906	-4804.321186	0	0
2019	6	-4280.092653	0	-9084.413839	4804.321186	0	0
2019	7	-32880.58702	0	-5025.164898	0	-27855.42212	0
2019	8	24798.11798	0	-3057.304148	0	27855.42212	0
2019	9	7744.484244	0	7744.484244	0	0	0
2019	10	20448.93835	0	20448.93835	0	0	0
2019	11	26198.79302	-28.16352583	17619.81683	0	0	8607.139717
2019	12	-5559.575642	-2092.549969	5140.114044	0	0	-8607.139717
2020	1	2063.18472	-287.2679635	2350.452684	0	0	0
2020	2	-126.2065058	1371.563708	-1497.770214	0	0	0
2020	3	-5223.508967	853.3548326	-6076.863799	0	0	0
2020	4	-10226.45455	185.8792705	-10412.33382	0	0	0
2020	5	-26003.00247	0	-21198.68128	-4804.321186	0	0
2020	6	-5758.990619	0	-10563.3118	4804.321186	0	0
2020	7	-33506.80252	0	-5651.380394	0	-27855.42212	0

2020	8	28423.30522	0	567.8830936	0	27855.42212	0
2020	9	7119.984406	0	7119.984406	0	0	0
2020	10	21665.3405	0	21665.3405	0	0	0
2020	11	26533.96147	-30.97987841	17957.80163	0	0	8607.139717
2020	12	-5100.879752	-2095.366322	5601.626286	0	0	-8607.139717
2021	1	2474.559508	-112.6541033	2587.213611	0	0	0
2021	2	-151.3307872	1219.480668	-1370.811456	0	0	0
2021	3	-4893.616731	858.9875378	-5752.604269	0	0	0
2021	4	-9550.097238	160.5320972	-9710.629335	0	0	0
2021	5	-24469.20342	0	-19664.88223	-4804.321186	0	0
2021	6	-5194.538843	0	-9998.860029	4804.321186	0	0
2021	7	-32456.81928	0	-4601.397151	0	-27855.42212	0
2021	8	25016.00666	0	-2839.415468	0	27855.42212	0
2021	9	7171.454173	0	7171.454173	0	0	0
2021	10	21270.73896	0	21270.73896	0	0	0
2021	11	26402.95643	-28.16352583	17823.98024	0	0	8607.139717
2021	12	-5432.875357	-2075.651854	5249.916213	0	0	-8607.139717
2022	1	1987.21	-292.9006686	2280.110669	0	0	0
2022	2	-47.6114701	1318.053009	-1365.664479	0	0	0
2022	3	-5036.662603	901.2328265	-5937.895429	0	0	0
2022	4	-10440.78268	177.4302127	-10618.21289	0	0	0
2022	5	-24800.32559	0	-19996.0044	-4804.321186	0	0
2022	6	-5693.795581	0	-10498.11677	4804.321186	0	0
2022	7	-32839.41121	0	-4983.989085	0	-27855.42212	0
2022	8	28462.76537	0	607.3432482	0	27855.42212	0
2022	9	7233.217893	0	7233.217893	0	0	0
2022	10	20862.41214	0	20862.41214	0	0	0
2022	11	25915.70931	-28.16352583	17336.73312	0	0	8607.139717
2022	12	-5482.758702	-2067.202796	5191.583811	0	0	-8607.139717
2023	1	1973.324274	-245.0226747	2218.346949	0	0	0
2023	2	-68.42663187	1295.522188	-1363.94882	0	0	0
2023	3	-4995.584807	870.2529481	-5865.837756	0	0	0
2023	4	-9876.816629	171.7975076	-10048.61414	0	0	0
2023	5	-24882.67721	0	-20078.35603	-4804.321186	0	0
2023	6	-5297.478377	0	-10101.79956	4804.321186	0	0
2023	7	-32612.94423	0	-4757.522111	0	-27855.42212	0
2023	8	28253.45499	0	398.0328632	0	27855.42212	0
2023	9	7294.981614	0	7294.981614	0	0	0
2023	10	20344.28315	0	20344.28315	0	0	0
2023	11	25639.48822	-28.16352583	17060.51203	0	0	8607.139717
2023	12	-5645.875534	-2058.753738	5020.017921	0	0	-8607.139717
2024	1	1491.023725	-456.2491184	1947.272844	0	0	0
2024	2	1.304780736	1447.605228	-1446.300447	0	0	0
2024	3	-5353.315296	889.9674162	-6243.282712	0	0	0
2024	4	-10808.93636	205.5937386	-11014.53009	0	0	0
2024	5	-26368.43781	0	-21564.11663	-4804.321186	0	0
2024	6	-3492.605221	0	-8296.926407	4804.321186	0	0
2024	7	-32956.07601	0	-5100.653889	0	-27855.42212	0
2024	8	28361.5415	0	506.1193735	0	27855.42212	0
2024	9	7744.484244	0	7744.484244	0	0	0
2024	10	20448.93835	0	20448.93835	0	0	0
2024	11	26221.09659	-28.16352583	17642.1204	0	0	8607.139717
2024	12	-5581.879208	-2092.549969	5117.810478	0	0	-8607.139717
2025	1	2441.315805	-70.40881457	2511.72462	0	0	0
2025	2	-124.0094816	1227.929726	-1351.939208	0	0	0
2025	3	-4821.398602	811.1095439	-5632.508146	0	0	0
2025	4	-9836.483036	152.0830395	-9988.566076	0	0	0
2025	5	-23518.72839	0	-18714.40721	-4804.321186	0	0
2025	6	-3972.989711	0	-8777.310897	4804.321186	0	0
2025	7	-32818.8233	0	-4963.401178	0	-27855.42212	0
2025	8	24839.29379	0	-3016.128334	0	27855.42212	0
2025	9	11189.5273	0	11189.5273	0	0	0
2025	10	18769.30829	0	18769.30829	0	0	0
2025	11	24552.86118	-25.34717325	15971.06864	0	0	8607.139717
2025	12	-6105.248825	-1974.263161	4476.154052	0	0	-8607.139717
2026	1	1981.55044	-109.8377507	2091.388191	0	0	0
2026	2	-184.739308	1160.337264	-1345.076572	0	0	0
2026	3	-4757.789986	802.6604861	-5560.450473	0	0	0
2026	4	-9140.411254	146.4503343	-9286.861589	0	0	0
2026	5	-23563.33552	0	-18759.01434	-4804.321186	0	0
2026	6	-3858.040565	0	-8662.361751	4804.321186	0	0
2026	7	-32624.95385	0	-4769.531723	0	-27855.42212	0
2026	8	24739.78557	0	-3115.63655	0	27855.42212	0
2026	9	6999.888284	0	6999.888284	0	0	0
2026	10	20443.79137	0	20443.79137	0	0	0
2026	11	25404.44296	-28.16352583	16825.46676	0	0	8607.139717

2026	12	-5735.477506	-2033.406565	4905.068775	0	0	-8607.139717
2027	1	2032.338442	-177.4302127	2209.768654	0	0	0
2027	2	-151.3307872	1219.480668	-1370.811456	0	0	0
2027	3	-4893.616731	858.9875378	-5752.604269	0	0	0
2027	4	-9520.931037	160.5320972	-9681.463134	0	0	0
2027	5	-24498.36962	0	-19694.04843	-4804.321186	0	0
2027	6	-5194.538843	0	-9998.860029	4804.321186	0	0
2027	7	-32456.81928	0	-4601.397151	0	-27855.42212	0
2027	8	25016.00666	0	-2839.415468	0	27855.42212	0
2027	9	7171.454173	0	7171.454173	0	0	0
2027	10	21270.73896	0	21270.73896	0	0	0
2027	11	26402.95643	-28.16352583	17823.98024	0	0	8607.139717
2027	12	-5432.875357	-2075.651854	5249.916213	0	0	-8607.139717
2028	1	1528.474166	-549.1887537	2077.66292	0	0	0
2028	2	297.8908774	1574.341094	-1276.450216	0	0	0
2028	3	-5237.751185	887.1510636	-6124.902248	0	0	0
2028	4	-9711.271155	191.5119756	-9902.783131	0	0	0
2028	5	-24608.17179	0	-19803.8506	-4804.321186	0	0
2028	6	-5297.478377	0	-10101.79956	4804.321186	0	0
2028	7	-29040.94242	0	-1185.520295	0	-27855.42212	0
2028	8	24681.45317	0	-3173.968952	0	27855.42212	0
2028	9	10928.74715	0	10928.74715	0	0	0
2028	10	18808.76845	0	18808.76845	0	0	0
2028	11	24053.60444	-25.34717325	15471.8119	0	0	8607.139717
2028	12	-6155.426225	-2058.753738	4510.46723	0	0	-8607.139717
2029	1	1949.75956	-199.9610334	2149.720593	0	0	0
2029	2	-90.95745254	1272.991367	-1363.94882	0	0	0
2029	3	-4951.819897	850.5384801	-5802.358377	0	0	0
2029	4	-9723.993751	163.3484498	-9887.342201	0	0	0
2029	5	-24556.70202	0	-19752.38084	-4804.321186	0	0
2029	6	-4901.161172	0	-9705.482358	4804.321186	0	0
2029	7	-32630.10082	0	-4774.6787	0	-27855.42212	0
2029	8	28303.2091	0	447.7869711	0	27855.42212	0
2029	9	7567.771378	0	7567.771378	0	0	0
2029	10	19632.28471	0	19632.28471	0	0	0
2029	11	25312.89807	-25.34717325	16731.10553	0	0	8607.139717
2029	12	-5762.571557	-2019.324802	4863.892962	0	0	-8607.139717
2030	1	1517.828084	-414.0038297	1931.831914	0	0	0
2030	2	13.6040848	1391.278176	-1377.674091	0	0	0
2030	3	-5109.076768	887.1510636	-5996.227831	0	0	0
2030	4	-9560.163936	183.0629179	-9743.226854	0	0	0
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2030	6	-4280.092653	0	-9084.413839	4804.321186	0	0
2030	7	-32880.58702	0	-5025.164898	0	-27855.42212	0
2030	8	24798.11798	0	-3057.304148	0	27855.42212	0
2030	9	7744.484244	0	7744.484244	0	0	0
2030	10	20448.93835	0	20448.93835	0	0	0
2030	11	26198.79302	-28.16352583	17619.81683	0	0	8607.139717
2030	12	-5559.575642	-2092.549969	5140.114044	0	0	-8607.139717
2031	1	2441.315805	-70.40881457	2511.72462	0	0	0
2031	2	-124.0094816	1227.929726	-1351.939208	0	0	0
2031	3	-4821.398602	811.1095439	-5632.508146	0	0	0
2031	4	-9553.399319	152.0830395	-9705.482358	0	0	0
2031	5	-23801.81211	0	-18997.49092	-4804.321186	0	0
2031	6	-3972.989711	0	-8777.310897	4804.321186	0	0
2031	7	-32818.8233	0	-4963.401178	0	-27855.42212	0
2031	8	24839.29379	0	-3016.128334	0	27855.42212	0
2031	9	11189.5273	0	11189.5273	0	0	0
2031	10	18769.30829	0	18769.30829	0	0	0
2031	11	24552.86118	-25.34717325	15971.06864	0	0	8607.139717
2031	12	-6105.248825	-1974.263161	4476.154052	0	0	-8607.139717
2032	1	1981.55044	-109.8377507	2091.388191	0	0	0
2032	2	-297.972795	1160.337264	-1458.310059	0	0	0
2032	3	-4978.365782	791.3950758	-5769.760858	0	0	0
2032	4	-9741.636069	157.7157446	-9899.351813	0	0	0
2032	5	-24289.05924	0	-19484.73805	-4804.321186	0	0
2032	6	-4993.806753	0	-9798.127939	4804.321186	0	0
2032	7	-32657.55137	0	-4802.129242	0	-27855.42212	0
2032	8	25016.00666	0	-2839.415468	0	27855.42212	0
2032	9	7171.454173	0	7171.454173	0	0	0
2032	10	21270.73896	0	21270.73896	0	0	0
2032	11	26145.6076	-28.16352583	17566.63141	0	0	8607.139717
2032	12	-5543.0028	-2129.162553	5193.299469	0	0	-8607.139717
2033	1	2354.686277	-239.3899696	2594.076246	0	0	0
2033	2	-47.6114701	1318.053009	-1365.664479	0	0	0
2033	3	-5038.378261	901.2328265	-5939.611088	0	0	0

2033	4	-10440.78268	177.4302127	-10618.21289	0	0	0
2033	5	-24800.32559	0	-19996.0044	-4804.321186	0	0
2033	6	-5693.795581	0	-10498.11677	4804.321186	0	0
2033	7	-32839.41121	0	-4983.989085	0	-27855.42212	0
2033	8	28462.76537	0	607.3432482	0	27855.42212	0
2033	9	7233.217893	0	7233.217893	0	0	0
2033	10	20862.41214	0	20862.41214	0	0	0
2033	11	25915.70931	-28.16352583	17336.73312	0	0	8607.139717
2033	12	-5482.758702	-2067.202796	5191.583811	0	0	-8607.139717
2034	1	1973.324274	-245.0226747	2218.346949	0	0	0
2034	2	-68.42663187	1295.522188	-1363.94882	0	0	0
2034	3	-4995.584807	870.2529481	-5865.837756	0	0	0
2034	4	-9876.816629	171.7975076	-10048.61414	0	0	0
2034	5	-24882.67721	0	-20078.35603	-4804.321186	0	0
2034	6	-5297.478377	0	-10101.79956	4804.321186	0	0
2034	7	-32612.94423	0	-4757.522111	0	-27855.42212	0
2034	8	28253.45499	0	398.0328632	0	27855.42212	0
2034	9	7293.265955	0	7293.265955	0	0	0
2034	10	20344.28315	0	20344.28315	0	0	0
2034	11	25639.48822	-28.16352583	17060.51203	0	0	8607.139717
2034	12	-5645.875534	-2058.753738	5020.017921	0	0	-8607.139717
2035	1	1949.75956	-199.9610334	2149.720593	0	0	0
2035	2	-90.95745254	1272.991367	-1363.94882	0	0	0
2035	3	-4878.046564	850.5384801	-5728.585044	0	0	0
2035	4	-9675.955302	163.3484498	-9839.303752	0	0	0
2035	5	-24676.79815	0	-19872.47696	-4804.321186	0	0
2035	6	-4901.161172	0	-9705.482358	4804.321186	0	0
2035	7	-32630.10082	0	-4774.6787	0	-27855.42212	0
2035	8	28303.2091	0	447.7869711	0	27855.42212	0
2035	9	7567.771378	0	7567.771378	0	0	0
2035	10	19632.28471	0	19632.28471	0	0	0
2035	11	25312.89807	-25.34717325	16731.10553	0	0	8607.139717
2035	12	-5762.571557	-2019.324802	4863.892962	0	0	-8607.139717
2036	1	1895.959169	-197.1446808	2093.10385	0	0	0
2036	2	-227.3367254	1253.276899	-1480.613625	0	0	0
2036	3	-4951.917915	819.5586016	-5771.476516	0	0	0
2036	4	-9217.388649	168.981155	-9386.369804	0	0	0
2036	5	-25956.67968	0	-21152.35849	-4804.321186	0	0
2036	6	-5000.669388	0	-9804.990574	4804.321186	0	0
2036	7	-33197.98392	0	-5342.561793	0	-27855.42212	0
2036	8	28402.71731	0	547.2951869	0	27855.42212	0
2036	9	11189.5273	0	11189.5273	0	0	0
2036	10	18769.30829	0	18769.30829	0	0	0
2036	11	24461.93126	-25.34717325	15880.13871	0	0	8607.139717
2036	12	-6012.603245	-1974.263161	4568.799632	0	0	-8607.139717
2037	1	1981.55044	-109.8377507	2091.388191	0	0	0
2037	2	-184.739308	1160.337264	-1345.076572	0	0	0
2037	3	-4757.789986	802.6604861	-5560.450473	0	0	0
2037	4	-9536.728459	146.4503343	-9683.178793	0	0	0
2037	5	-23167.01832	0	-18362.69713	-4804.321186	0	0
2037	6	-3858.040565	0	-8662.361751	4804.321186	0	0
2037	7	-32624.95385	0	-4769.531723	0	-27855.42212	0
2037	8	24739.78557	0	-3115.63655	0	27855.42212	0
2037	9	6999.888284	0	6999.888284	0	0	0
2037	10	20443.79137	0	20443.79137	0	0	0
2037	11	25402.7273	-28.16352583	16823.75111	0	0	8607.139717
2037	12	-5735.477506	-2033.406565	4905.068775	0	0	-8607.139717
2038	1	2032.338442	-177.4302127	2209.768654	0	0	0
2038	2	-151.3307872	1219.480668	-1370.811456	0	0	0
2038	3	-4893.616731	858.9875378	-5752.604269	0	0	0
2038	4	-9316.767628	160.5320972	-9477.299726	0	0	0
2038	5	-24702.53303	0	-19898.21184	-4804.321186	0	0
2038	6	-5194.538843	0	-9998.860029	4804.321186	0	0
2038	7	-32456.81928	0	-4601.397151	0	-27855.42212	0
2038	8	25016.00666	0	-2839.415468	0	27855.42212	0
2038	9	7171.454173	0	7171.454173	0	0	0
2038	10	21270.73896	0	21270.73896	0	0	0
2038	11	26402.95643	-28.16352583	17823.98024	0	0	8607.139717
2038	12	-5432.875357	-2075.651854	5249.916213	0	0	-8607.139717
2039	1	1987.21	-292.9006686	2280.110669	0	0	0
2039	2	-47.6114701	1318.053009	-1365.664479	0	0	0
2039	3	-5036.662603	901.2328265	-5937.895429	0	0	0
2039	4	-10161.13028	177.4302127	-10338.56049	0	0	0
2039	5	-25079.97798	0	-20275.6568	-4804.321186	0	0
2039	6	-5693.795581	0	-10498.11677	4804.321186	0	0
2039	7	-32839.41121	0	-4983.989085	0	-27855.42212	0

2039	8	28462.76537	0	607.3432482	0	27855.42212	0
2039	9	7233.217893	0	7233.217893	0	0	0
2039	10	20862.41214	0	20862.41214	0	0	0
2039	11	25915.70931	-28.16352583	17336.73312	0	0	8607.139717
2039	12	-5482.758702	-2067.202796	5191.583811	0	0	-8607.139717
2040	1	1998.800684	-228.1245592	2226.925243	0	0	0
2040	2	-207.1365288	1278.624073	-1485.760601	0	0	0
2040	3	-5199.004014	858.9875378	-6057.991552	0	0	0
2040	4	-10430.61796	185.8792705	-10616.49723	0	0	0
2040	5	-25563.79379	0	-20759.47261	-4804.321186	0	0
2040	6	-5997.467205	0	-10801.78839	4804.321186	0	0
2040	7	-32942.35074	0	-5086.928618	0	-27855.42212	0
2040	8	28310.07173	0	454.6496067	0	27855.42212	0
2040	9	7464.831844	0	7464.831844	0	0	0
2040	10	21133.48625	0	21133.48625	0	0	0
2040	11	26499.03333	-28.16352583	17920.05714	0	0	8607.139717
2040	12	-5191.5512	-2112.264437	5527.852954	0	0	-8607.139717
2041	1	1912.723684	-321.0641945	2233.787879	0	0	0
2041	2	13.6040848	1391.278176	-1377.674091	0	0	0
2041	3	-5109.076768	887.1510636	-5996.227831	0	0	0
2041	4	-9560.163936	183.0629179	-9743.226854	0	0	0
2041	5	-23770.93025	0	-18966.60906	-4804.321186	0	0
2041	6	-4280.092653	0	-9084.413839	4804.321186	0	0
2041	7	-32880.58702	0	-5025.164898	0	-27855.42212	0
2041	8	24798.11798	0	-3057.304148	0	27855.42212	0
2041	9	7744.484244	0	7744.484244	0	0	0
2041	10	20448.93835	0	20448.93835	0	0	0
2041	11	26198.79302	-28.16352583	17619.81683	0	0	8607.139717
2041	12	-5559.575642	-2092.549969	5140.114044	0	0	-8607.139717
2042	1	2441.315805	-70.40881457	2511.72462	0	0	0
2042	2	-124.0094816	1227.929726	-1351.939208	0	0	0
2042	3	-4821.398602	811.1095439	-5632.508146	0	0	0
2042	4	-9313.207074	152.0830395	-9465.290113	0	0	0
2042	5	-24042.00435	0	-19237.68317	-4804.321186	0	0
2042	6	-3972.989711	0	-8777.310897	4804.321186	0	0
2042	7	-32818.8233	0	-4963.401178	0	-27855.42212	0
2042	8	24839.29379	0	-3016.128334	0	27855.42212	0
2042	9	11189.5273	0	11189.5273	0	0	0
2042	10	18769.30829	0	18769.30829	0	0	0
2042	11	24552.86118	-25.34717325	15971.06864	0	0	8607.139717
2042	12	-6105.248825	-1974.263161	4476.154052	0	0	-8607.139717
2043	1	1981.55044	-109.8377507	2091.388191	0	0	0
2043	2	-184.739308	1160.337264	-1345.076572	0	0	0
2043	3	-4757.789986	802.6604861	-5560.450473	0	0	0
2043	4	-9332.56505	146.4503343	-9479.015385	0	0	0
2043	5	-23371.18173	0	-18566.86054	-4804.321186	0	0
2043	6	-3858.040565	0	-8662.361751	4804.321186	0	0
2043	7	-32624.95385	0	-4769.531723	0	-27855.42212	0
2043	8	24739.78557	0	-3115.63655	0	27855.42212	0
2043	9	6999.888284	0	6999.888284	0	0	0
2043	10	20443.79137	0	20443.79137	0	0	0
2043	11	25402.7273	-28.16352583	16823.75111	0	0	8607.139717
2043	12	-5735.477506	-2033.406565	4905.068775	0	0	-8607.139717
2044	1	1592.345618	-425.26924	2017.614858	0	0	0
2044	2	-87.00482469	1388.461823	-1475.466648	0	0	0
2044	3	-5300.259107	898.416474	-6198.675581	0	0	0
2044	4	-8980.529704	199.9610334	-9180.490737	0	0	0
2044	5	-25814.27999	0	-21009.95881	-4804.321186	0	0
2044	6	-5693.795581	0	-10498.11677	4804.321186	0	0
2044	7	-32839.41121	0	-4983.989085	0	-27855.42212	0
2044	8	24906.20449	0	-2949.217637	0	27855.42212	0
2044	9	10789.77878	0	10789.77878	0	0	0
2044	10	20862.41214	0	20862.41214	0	0	0
2044	11	25701.25194	-28.16352583	17122.27575	0	0	8607.139717
2044	12	-5650.603582	-2123.529848	5080.065983	0	0	-8607.139717
2045	1	2355.626515	-188.6956231	2544.322139	0	0	0
2045	2	-68.42663187	1295.522188	-1363.94882	0	0	0
2045	3	-4995.584807	870.2529481	-5865.837756	0	0	0
2045	4	-9876.816629	171.7975076	-10048.61414	0	0	0
2045	5	-24882.67721	0	-20078.35603	-4804.321186	0	0
2045	6	-5297.478377	0	-10101.79956	4804.321186	0	0
2045	7	-32612.94423	0	-4757.522111	0	-27855.42212	0
2045	8	28253.45499	0	398.0328632	0	27855.42212	0
2045	9	7294.981614	0	7294.981614	0	0	0
2045	10	20344.28315	0	20344.28315	0	0	0
2045	11	25639.48822	-28.16352583	17060.51203	0	0	8607.139717

2045 12 -5645.875534 -2058.753738 5020.017921 0 0 -8607.139717

Year	Month	SALES_C_RES	SALES_C_COM	SALES_C_OPA	SALES_C_IND	SALES_C_SL	SALES_B_RES	SALES_B_COM	SALES_B_IND	MPhos_B	IND_B_wo	SALES_B_OPA	SALES_B_SL
2005	1	1,468,256	863,959	228,163	318,095	1,620	1,603,081	906,934	330,799	99,436	231,363	240,014	1,620
2005	2	1,198,190	787,181	215,275	305,445	2,981	1,448,329	842,448	321,211	99,289	221,922	230,235	2,981
2005	3	1,425,725	925,753	255,853	321,069	2,330	1,317,173	846,497	301,444	91,252	210,192	234,005	2,330
2005	4	1,207,535	917,634	245,767	357,148	2,300	1,318,645	915,630	346,889	113,447	233,442	245,308	2,300
2005	5	1,631,066	1,046,182	279,761	349,247	2,288	1,277,987	916,661	319,115	94,953	224,162	244,807	2,284
2005	6	1,836,856	1,072,721	268,904	357,504	2,267	1,774,748	1,069,779	358,344	113,485	244,859	268,256	2,271
2005	7	2,329,466	1,178,494	282,171	361,043	2,284	2,057,050	1,148,895	356,305	106,152	250,153	274,229	2,284
2005	8	2,241,325	1,207,855	305,704	397,994	2,269	2,207,415	1,154,895	385,211	103,641	281,570	291,424	2,268
2005	9	2,054,998	1,141,418	303,044	353,084	2,269	2,212,394	1,199,907	367,732	112,238	255,494	318,726	2,270
2005	10	1,618,834	1,002,266	283,197	348,450	2,259	1,859,409	1,061,788	361,030	111,173	249,857	299,243	2,259
2005	11	1,191,612	876,209	244,292	338,952	2,264	1,404,574	960,965	359,454	116,527	242,927	267,106	2,264
2005	12	1,514,454	889,449	250,722	326,433	2,258	1,354,805	908,790	332,613	110,755	221,858	256,018	2,258
2006	1	1,506,577	879,016	238,906	349,384	2,292	1,598,842	873,515	349,884	117,579	232,305	237,501	2,290
2006	2	1,390,825	788,496	229,110	318,808	2,117	1,412,359	830,493	331,625	101,044	230,581	240,750	2,119
2006	3	1,304,607	936,646	260,091	343,089	2,245	1,314,305	851,392	321,889	110,189	211,700	236,847	2,244
2006	4	1,412,510	991,052	275,111	394,538	2,224	1,287,834	904,779	362,109	113,580	248,529	251,593	2,225
2006	5	1,719,207	1,058,456	284,367	364,771	2,219	1,552,487	1,009,131	355,618	114,510	241,108	271,095	2,219
2006	6	1,996,109	1,128,163	288,311	390,070	2,199	1,822,804	1,077,781	378,422	129,212	249,210	274,779	2,199
2006	7	2,152,859	1,113,426	277,057	330,112	2,237	2,061,465	1,136,729	339,052	91,507	247,545	283,480	2,237
2006	8	2,243,630	1,249,679	314,026	380,837	2,222	2,220,822	1,185,519	365,319	96,659	268,660	296,679	2,221
2006	9	1,928,022	1,063,275	290,928	338,138	2,064	2,086,602	1,159,779	362,348	111,544	250,804	316,939	2,128
2006	10	1,570,846	992,649	279,915	336,673	2,410	1,810,526	1,051,708	349,030	88,402	260,628	295,726	2,347
2006	11	1,281,579	888,357	258,700	285,030	2,208	1,429,444	969,176	305,569	92,623	212,946	280,448	2,206
2006	12	1,343,373	920,603	261,765	321,346	2,213	1,368,108	920,782	321,253	84,628	236,625	261,926	2,215
2007	1	1,439,523	894,332	243,008	303,412	2,201	1,357,781	919,754	312,453	76,298	236,155	250,078	2,200
2007	2	1,384,912	778,562	228,324	289,533	2,189	1,453,554	840,259	307,687	100,074	207,613	245,074	2,189
2007	3	1,380,893	952,662	270,403	318,841	2,188	1,409,148	866,840	297,306	76,692	220,614	246,738	2,188
2007	4	1,300,056	951,892	264,673	328,396	2,195	1,314,835	925,093	311,319	96,238	215,081	257,825	2,196
2007	5	1,696,195	1,071,412	297,590	328,351	2,184	1,440,153	971,190	305,720	81,764	223,956	270,178	2,181
2007	6	1,889,938	1,103,190	292,218	335,634	2,192	1,686,836	1,034,999	319,600	85,117	234,483	273,955	2,194
2007	7	2,227,347	1,152,359	288,850	332,534	2,003	2,103,326	1,153,415	335,736	89,970	245,766	289,309	2,004
2007	8	2,346,655	1,263,758	317,094	349,489	2,331	2,236,119	1,208,087	336,535	86,311	250,224	301,973	2,330
2007	9	1,952,656	1,076,269	295,873	300,463	2,141	2,210,063	1,203,436	332,291	91,939	240,352	330,121	2,142
2007	10	1,791,103	1,096,411	305,906	316,859	2,191	1,938,536	1,105,581	316,519	74,566	241,953	308,465	2,191
2007	11	1,224,288	907,296	270,360	292,061	2,088	1,504,402	1,011,262	317,246	103,936	213,310	298,349	2,088
2007	12	1,305,416	922,051	260,213	310,736	2,199	1,303,847	934,764	315,071	123,246	191,825	263,696	2,199
2008	1	1,577,755	917,009	249,587	298,190	2,171	1,456,317	932,372	304,978	96,722	208,256	253,845	2,170
2008	2	1,183,324	849,507	242,474	292,385	2,168	1,308,540	872,774	299,988	66,900	233,088	249,004	2,166
2008	3	1,259,701	907,027	267,259	315,489	2,286	1,282,526	882,545	309,787	99,450	210,337	259,918	2,286
2008	4	1,372,173	1,001,414	274,280	340,057	2,195	1,329,422	930,720	311,511	100,141	211,370	255,422	2,197
2008	5	1,772,966	1,092,285	304,600	355,837	2,135	1,417,739	960,428	325,642	135,813	189,829	269,089	2,132
2008	6	1,952,970	1,167,740	271,804	347,209	2,218	1,893,764	1,159,320	346,404	107,751	238,653	269,567	2,216
2008	7	2,031,121	1,131,458	277,669	325,743	2,174	1,936,032	1,126,951	327,436	101,792	225,644	276,452	2,174
2008	8	1,985,803	1,160,041	284,661	328,089	2,180	2,023,678	1,170,299	331,795	103,172	228,623	287,554	2,186
2008	9	2,008,636	1,134,729	303,934	315,383	2,171	2,124,445	1,219,292	336,591	86,620	249,971	326,657	2,166
2008	10	1,493,829	980,980	277,772	296,816	2,176	1,758,193	1,058,599	314,594	128,534	186,060	298,665	2,181





2012	10	1,517,733	982,891	268,851	271,235	2,103	1,740,344	1,039,844	283,437	79,109	204,328	283,948	2,090
2012	11	1,127,672	873,777	253,255	212,845	2,124	1,303,143	934,271	226,467	87,454	139,013	269,490	2,104
2012	12	1,360,525	857,702	249,687	263,503	2,108	1,149,575	862,467	256,578	93,633	162,945	247,264	2,114
2013	1	1,162,713	910,473	239,883	259,957	2,104	1,318,091	875,707	259,787	91,423	168,364	234,503	2,114
2013	2	1,213,184	769,977	220,575	245,807	2,099	1,271,676	820,802	258,406	88,777	169,629	234,951	2,100
2013	3	1,380,544	854,279	241,611	258,170	2,082	1,290,264	828,295	250,400	84,865	165,535	234,437	2,085
2013	4	1,338,694	909,728	246,407	299,437	2,078	1,314,033	878,623	295,108	94,756	200,352	238,643	2,078
2013	5	1,554,983	1,006,521	271,989	280,137	2,058	1,408,566	973,795	272,556	86,499	186,057	263,523	2,059
2013	6	1,818,299	1,081,375	289,230	293,815	2,050	1,687,899	1,056,182	285,855	95,664	190,191	281,501	2,054
2013	7	1,920,259	1,109,054	272,053	275,995	2,051	1,894,160	1,095,239	273,164	89,215	183,949	268,194	2,047
2013	8	2,025,962	1,176,191	297,980	296,545	2,038	1,911,038	1,106,220	279,333	92,900	186,433	278,910	2,037
2013	9	1,829,669	1,054,270	290,375	253,632	2,046	1,984,022	1,129,282	274,079	82,893	191,186	310,561	2,046
2013	10	1,581,746	1,034,436	281,044	245,274	2,099	1,765,791	1,063,367	250,247	76,613	173,634	288,674	2,098
2013	11	1,248,074	888,805	257,472	276,252	2,053	1,369,929	922,686	283,727	94,849	188,878	265,612	2,044
2013	12	1,246,903	905,814	252,644	261,730	2,132	1,213,431	913,575	259,576	90,419	169,157	252,673	2,124
2014	1	1,649,868	890,034	232,108	259,596	2,092	1,373,823	909,122	266,705	89,974	176,731	239,490	2,097
2014	2	1,160,466	759,676	219,768	247,032	2,081	1,595,933	836,711	268,219	88,878	179,341	242,250	2,092
2014	3	1,323,152	939,495	260,696	297,289	2,049	1,242,924	835,904	269,787	97,568	172,219	232,823	2,049
2014	4	1,294,132	893,494	242,082	253,631	2,036	1,188,383	869,047	249,787	70,160	179,627	235,774	2,036
2014	5	1,696,607	1,035,325	283,173	283,920	2,093	1,426,974	972,145	269,451	80,194	189,257	266,089	2,095
2014	6	1,844,810	1,087,313	287,397	290,957	2,033	1,751,032	1,061,486	282,356	82,928	199,428	279,871	2,034
2014	7	2,081,969	1,149,090	272,369	285,861	2,032	1,954,615	1,114,514	278,296	81,643	196,653	262,816	2,044
2014	8	2,147,531	1,206,481	299,260	298,182	1,962	2,089,059	1,181,073	292,884	90,927	201,957	292,322	1,950
2014	9	1,784,121	1,046,877	282,405	242,457	2,081	2,075,961	1,151,150	269,005	68,830	200,175	310,713	2,076
2014	10	1,473,061	988,016	272,899	284,236	2,058	1,706,814	1,033,457	292,857	105,757	187,100	285,271	2,059
2014	11	1,248,086	864,393	252,139	255,543	2,083	1,297,257	931,935	269,814	89,940	179,874	267,967	2,074
2014	12	1,380,859	893,209	244,811	263,309	2,074	1,371,074	912,986	257,459	84,935	172,524	244,478	2,070
2015	1	1,418,448	863,700	217,778	248,236	2,085	1,384,970	895,053	253,161	84,327	168,834	241,082	2,084
2015	2	1,323,397	780,500	239,271	270,745	2,042	1,394,978	819,414	254,564	83,588	170,976	236,431	2,058
2015	3	1,433,599	910,153	245,782	261,290	2,044	1,460,688	857,476	257,557	83,882	173,675	237,810	2,053
2015	4	1,575,495	1,048,809	271,695	303,949	2,041	1,420,623	950,305	278,251	91,245	187,006	253,809	2,042
2015	5	1,775,418	1,020,904	282,857	255,531	2,033	1,584,446	993,003	257,142	71,058	186,084	270,075	2,022
2015	6	2,026,099	1,143,095	298,739	298,742	2,016	1,911,555	1,089,757	286,032	86,714	199,318	285,542	2,017
2015	7	2,119,143	1,135,379	262,050	255,355	1,951	2,111,075	1,146,581	282,096	83,229	198,867	212,315	1,961
2015	8	1,962,334	1,172,681	283,459	293,896	2,025	2,011,321	1,156,239	289,375	85,105	204,270	346,657	2,016
2015	9	1,936,851	1,076,125	316,857	280,936	2,024	2,026,562	1,127,703	287,468	87,377	200,091	315,201	2,020
2015	10	1,514,679	1,021,088	285,466	275,405	2,015	1,752,559	1,056,036	276,619	88,532	188,087	293,299	2,028
2015	11	1,450,792	963,146	276,707	277,530	2,063	1,561,079	997,712	277,765	89,307	188,458	281,436	2,039
2015	12	1,432,448	1,008,595	269,790	248,112	2,055	1,326,437	973,862	292,651	109,398	183,253	258,768	2,049
2016	1	1,465,242	834,174	212,891	265,553	2,051	1,421,597	935,097	251,470	78,419	173,051	246,535	2,059
2016	2	1,340,236	790,442	221,011	274,299	2,028	1,511,314	825,125	255,676	77,002	178,675	226,217	2,034
2016	3	1,427,196	863,201	245,742	214,834	2,084	1,358,622	836,145	253,080	84,289	168,791	232,995	2,084
2016	4	1,369,759	994,170	248,037	296,903	2,030	1,359,921	931,781	264,459	78,146	186,313	246,321	2,048
2016	5	1,789,104	1,054,384	288,562	277,303	2,065	1,548,599	989,376	267,004	71,097	195,907	264,303	2,054
2016	6	2,116,099	1,157,084	292,345	288,733	2,015	1,926,275	1,083,907	276,574	78,019	198,555	275,516	2,014
2016	7	2,409,110	1,190,770	260,520	234,974	1,999	2,258,062	1,173,605	263,235	76,712	186,523	278,843	2,002
2016	8	2,069,339	1,183,865	298,653	275,524	1,991	2,244,513	1,206,607	271,936	69,242	202,694	296,810	2,000

2016	9	2,053,568	1,127,441	320,177	273,412	2,030	2,115,173	1,165,191	279,879	75,312	204,567	315,676	2,019
2016	10	1,559,017	1,020,212	274,748	263,579	1,998	2,115,173	1,085,249	269,886	78,032	191,854	290,401	1,998
2016	11	1,226,776	885,148	267,554	266,088	2,034	1,433,022	944,054	263,323	71,095	192,228	275,836	2,025
2016	12	1,292,062	912,821	241,182	258,794	2,082	1,264,270	917,078	265,084	81,539	183,545	244,847	2,081
2017	1	1,470,562	898,294	215,573	245,746	2,043	1,377,832	913,283	238,742	69,877	168,865	237,630	2,044
2017	2	1,060,320	762,710	224,499	254,197	2,002	1,320,882	874,319	261,869	73,385	188,484	240,129	2,007
2017	3	1,355,565	943,803	255,060	302,796	2,040	1,207,481	853,277	276,700	105,456	171,244	230,511	2,041
2017	4	1,527,653	952,785	253,554	286,170	2,027	1,382,063	912,410	275,966	90,272	185,694	250,089	2,028
2017	5	1,863,246	1,073,084	287,180	260,535	2,009	1,644,504	999,081	244,622	54,408	190,214	259,698	2,009
2017	6	1,880,823	1,094,393	284,035	267,437	2,018	1,891,804	1,089,543	265,275	65,675	199,600	282,944	2,020
2017	7	2,295,829	1,172,963	265,315	242,496	2,017	2,090,864	1,136,072	266,470	67,608	198,863	277,959	2,016
2017	8	2,206,153	1,234,570	310,652	290,880	2,005	2,112,281	1,143,392	267,137	67,884	199,253	282,789	2,003
2017	9	1,839,014	984,243	281,704	238,475	1,906	2,111,765	1,140,198	272,906	74,134	198,772	307,699	1,906
2017	10	1,724,717	1,100,268	307,878	288,969	1,990	1,829,192	1,042,288	263,440	80,282	183,158	291,183	1,990
2017	11	1,237,335	863,521	251,549	248,041	2,061	1,517,039	962,403	258,264	71,677	186,587	270,184	2,055
2017	12	1,459,066	926,350	256,651	254,490	2,064	1,303,422	894,852	246,094	66,523	179,571	246,047	2,063
2018	1	1,843,197	906,358	217,972	267,383	2,042	1,644,965	914,437	245,169	71,552	173,617	238,443	2,070
2018	2	1,199,891	784,122	214,434	212,760	2,090	1,586,021	900,356	251,854	69,670	182,184	245,731	2,090
2018	3	1,383,735	887,227	250,985	240,129	2,072	1,381,417	926,437	252,189	72,464	179,725	250,460	2,051
2018	4	1,384,155	973,722	257,520	250,962	2,035	1,363,403	916,033	251,666	70,271	181,395	244,099	2,034
2018	5	1,687,791	1,004,941	275,032	272,151	2,018	1,441,205	939,204	262,698	83,615	179,083	250,604	2,021
2018	6	2,010,094	1,148,247	301,217	283,377	2,003	1,824,069	1,073,058	278,550	87,900	190,650	281,943	2,004
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