

Response to Data Request on Undocketed Special Project 980000A-SP: Fair and Reasonable Rates

1.

- (a) Please provide a contribution analysis for "voice-grade, flat-rate residential local exchange service," as this term is used in Section 364.02(2), F.S.

**See Attachment 1.**

- (b) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (a).

**Vista-United does not have any information of the type herein being requested.**

- (c) Please provide a contribution analysis for "voice-grade, flat-rate single-line business local exchange service," as this term is used in Section 364.02(2), F.S.

**See Attachment 1.**

- (d) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (c).

**Vista-United does not have any information of the type herein being requested.**

- (e) Please provide a contribution analysis for ESSX/Centrex service

**See Attachment 1.**

ACK \_\_\_\_\_

AFA \_\_\_\_\_

APP \_\_\_\_\_

CAF \_\_\_\_\_

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- (f) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (e).

**Vista-United does not have any information of the type herein being requested.**

- (g) Please provide a contribution analysis for PBX trunk service.

**See Attachment 1.**

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- (h) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (g).

**Vista-United does not have any information of the type herein being requested.**

- (i) Please provide a contribution analysis for all multi-line circuit-switched business services other than those indicated in (e) and (g).

**See Attachment 1.**

- (j) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (i).

**Vista-United does not have any information of the type herein being requested.**

2.

- (a) Please provide a contribution analysis for intrastate switched access charges.

**See Attachment 2.**

- (b) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (a).

**Vista-United does not have any information of the type herein being requested.**

3.

- (a) Please provide a contribution analysis for intraLATA toll (including common line WATS/800- type services).

**See Attachment 2.**

- (b) Please provide the cost study and all associated work papers and related documentation, that results in the contribution analysis in (a).

**Vista-United does not have any information of the type herein being requested.**

4.

- (a) Please provide contribution analysis (separately for residence and business) for each of the following features, whether purchased individually or as part of a package:

- (1) 3-Way Calling
- (2) Call Waiting
- (3) Call Forwarding Busy Line
- (4) Call Forwarding Don't Answer
- (5) Call Return
- (6) Repeat Dialing
- (7) Call Selector
- (8) Preferred Call Forwarding
- (9) Caller ID Deluxe
- (10) Custom Code Restrictions

**See Attachment 3.**

- (b) Please provide the cost study and all associated work papers and related documentation, that results in each of the contribution analysis in (a)

**Vista-United does not have any information of the type herein being requested.**

- (c) For each of the features listed in (a), please indicate the percent of your access lines (separately for residence and business) equipped with each of these features.

**See Attachment 3.**

5.

- (a) Please provide any studies, reports or analyses conducted by or for your company that concern the relationship between the price and quantity demanded for various services offered by your company. If the company does not have company-specific studies, reports or analyses, but does have studies, reports or analyses that deal with this subject prepared within the past 10 years, please provide such studies, reports or analyses.

**Vista-United does not have any information of the type herein being requested.**

- (b) Please provide any reports, studies or analyses conducted by or for your company that concern the consumption patterns of your Florida consumers as it pertains to telecommunications purchases. If the company does not have any company-specific studies or reports, but does have relevant materials prepared within the past five years, please provide such studies, reports or analyses.

**Vista-United does not have any information of the type herein being requested.**

- (c) To the extent not provided in response to (b), please provide any reports, studies, surveys or analyses prepared within the past five years that discuss the ability of Florida consumers to pay for various telecommunications products and services.

**Vista-United does not have any information of the type herein being requested.**

- (d) To the extent not provided in response to (b), please provide any reports, studies, surveys or analyses prepared within the past five years that discuss the willingness of Florida consumers to pay for various telecommunications products and services.

**Vista-United does not have any information of the type herein being requested.**

- (e) To the extent not provided in response to (b), please provide any reports, studies, surveys or analyses prepared within the past five years that discuss the relative valuation placed upon various telecommunications products and services by Florida consumers.

**Vista-United does not have any information of the type herein being requested.**

- (f) Please provide any reports, studies or analyses in your possession prepared within the past five years that compare or discuss the relative price levels of residential basic local exchange service in the United States.

**See Attachment 4.**

- (g) Please provide any reports, studies or analyses in your possession prepared within the past five years that compare or otherwise discuss the price paid for typical mixes of telecommunications products and services by residential consumers in different areas of the United States. If know, please indicate the dollar amount associated with each component of the "market basket" of telecommunications goods and services. (E.g., indicate amount typically spent on local service, toll, ancillary services, taxes and other fees, etc.)

**Vista-United does not have any information of the type herein being requested.**

Vista-United Telecommunications  
 Contribution Analysis  
 980000A-SP Fair and Reasonable Rates

Commission Staff Data Requests: Section 2 of Chapter 98-277

		<u>Residential</u>			<u>Business</u>			
		<u>Quantity</u>	<u>%</u>	<u>Rate</u>	<u>Annual Revenue</u>	<u>%</u>	<u>Rate</u>	<u>Annual Revenue</u>
1(a)								
Residential Exchange Service	LBV	1,082	7.45%	\$ 7.20	\$ 93,485			
Residential Exchange Service	Celebration	1,136	7.83%	\$ 11.23	\$ 153,087			
1(c)								
Business SL Exchange Service	LBV	5,993				41.29%	\$ 17.65	\$ 1,269,317
Business SL Exchange Service	Celebration	650				4.48%	\$ 25.03	\$ 195,234
1(e)								
Centrex Service								
Basic 1-5 Lines		20					\$ 6.00	\$ 1,440
Basic 6-10 Lines		30					\$ 5.50	\$ 1,980
Basic 11-75 Lines		11					\$ 5.00	\$ 660
Plus 1-5 Lines		29					\$ 10.00	\$ 3,480
Plus 6-10 Lines		31					\$ 9.50	\$ 3,534
Plus 11-75 Lines		49					\$ 9.00	\$ 5,292
1(g)								
PBX Trunk Service	LBV	5,014				34.55%	\$ 29.25	\$ 1,759,914
PBX Trunk Service	Celebration	229				1.58%	\$ 49.06	\$ 134,817
1(i)								
Multi-Line Local Exchange Svc	LBV	245				1.69%	\$ 29.25	\$ 85,995
	Celebration	165				1.14%	\$ 49.06	\$ 97,139

Vista-United Telecommunications  
 98000A-SP: Undocketed Special Project on Fair and Reasonable Rates  
 Section 2 of Chapter 98-277

Rate Element	Monthly Rate	Minutes of Use	Annual Revenues
<b>2(a) Intrastate Switched Access Charges (InterLATA)</b>			
CCL - Originating	\$0.03040		
CCL - Terminating	\$0.03820		
End Office Local Switching	\$0.01770		
Switched Interoffice Transport Facility	\$0.00004		
Switched Interoffice Transport Termination	\$0.00018		
Residual Interconnection Charge	\$0.01212		
800 Data Base - Basic	\$0.00810		
800 Data Base - Vertical	\$0.00940		
Tandem Rate Charges	\$0.00050		
Switched Dedicated Trunk Facility	\$16.75/MILE		
Switched Dedicated Trunk Termination	\$29.87/2TERM		
Entrance Facility - High Cap	\$133.81		
Total InterLATA Switched Access Revenues			
<b>3(a) Intrastate IntraLATA Toll (MABC)</b>			
Common Transport	\$0.00004		
Facility Termination	\$0.00036		
Local Switching	\$0.01770		
Carrier Common Line	\$0.03820		
Access Tandem	\$0.00050		
Local Channel	\$0.00062		
Residual Interconnection Charge	\$0.04250		
Total IntraLATA Switched Access Revenues			

Note: Information used on this worksheet was developed from the June, 1998 data.  
 IntraLATA toll reflects only those revenues received by Vista-United. There has been no netting of the costs paid to the other LEC's in the LATA.

Vista-United Telecommunications  
 Contribution Analysis  
 980000A-SP Fair and Reasonable Rates

Commission Staff Data Requests: Section 2 of Chapter 98-277

	Residential				Business			
	<u>Quantity</u>	<u>%</u>	<u>Rate</u>	<u>Annual Revenue</u>	<u>Quantity</u>	<u>%</u>	<u>Rate</u>	<u>Annual Revenue</u>
4.(a)								
Three Way Calling			\$ 1.00	\$			\$ 3.00	\$
Call Waiting			\$ 1.75	\$			\$ 4.50	\$
Enhanced Call Waiting			\$ 4.50	\$			\$ 5.25	\$
Call Forward - Busy Line -fixed			\$ 0.75	\$			\$ 1.00	\$
Call Forward - Busy Line controlled			\$ 1.00	\$			\$ 1.00	\$
Call Forward - No answer - fixed			\$ 0.75	\$			\$ 1.00	\$
Call Forward - No answer controlled			\$ 1.00	\$			\$ 1.00	\$
Call Return			\$ 3.00	\$			\$ 3.50	\$
Repeat Dialing							\$ 3.50	\$
Caller I.D. Basic			\$ 7.00	\$			\$ 10.00	\$
Caller I.D. Deluxe			\$ 7.50	\$			\$ 10.00	\$
Feature Package 1			\$ 2.10	\$			\$ 8.40	\$
Feature Package 2			\$ 2.40	\$				
Feature Package 3			\$ 2.20	\$			\$ 9.60	\$
Feature Package 4			\$ 2.20	\$				
Centrex features							\$ 1.00	\$



## Keeping Rural America Connected: Costs and Rates in the Competitive Era

A study for the Organization for the Protection and Advancement of Small Telephone Companies (OPASTCO) by John Staurulakis Inc. and Patricia Lum and funded by OPASTCO and firms throughout the rural telecommunications industry.



Organization for the Protection and Advancement of Small Telephone Companies  
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of Small Telephone Companies (OPASTCO)

Figure 4.1

## OPASTCO Study Group Statistics

State	Access Lines <sup>1</sup>	Intrastate Access Minutes of Use <sup>2</sup>	Interstate Access Minutes per Line per Month <sup>3</sup>	Total Billed Interstate Minutes of Use <sup>4</sup>
Alabama	80,863	144,695,711	149	62,965,210
Alaska <sup>5</sup>	289,513	968,602,695	279	360,990,451
Arizona	75,501	293,160,655	434	147,774,039
Arkansas	130,099	265,476,053	163	33,343,569
California	129,110	170,504,715	110	64,519,554
Colorado	22,600	50,679,412	166	29,367,309
Connecticut	NA	NA	NA	NA
Delaware	NA	NA	NA	NA
Florida	106,505	63,659,377	50	27,773,203
Georgia	149,807	182,972,138	102	61,163,605
Hawaii	NA	NA	NA	NA
Idaho	11,450	26,735,092	195	9,934,911
Illinois	NA	NA	NA	NA
Indiana	25,259	44,394,269	140	19,656,151
Iowa	10,938	25,206,567	192	12,370,071
Kansas	36,504	67,610,451	132	27,125,901
Kentucky	NA	NA	NA	NA
Louisiana	86,768	250,004,363	240	99,193,721
Maine	29,257	49,466,069	141	21,404,392
Maryland	NA	NA	NA	NA
Massachusetts	NA	NA	NA	NA
Michigan	140,290	265,610,630	154	98,461,358
Minnesota	47,826	123,465,067	215	46,735,157
Mississippi	31,668	68,352,657	180	31,493,535
Missouri	70,380	123,044,276	146	52,355,416
Montana	30,295	70,572,636	194	33,207,810
Nebraska	25,483	45,601,675	149	17,153,766
Nevada	32,679	112,267,735	286	50,106,712
New Hampshire	15,469	44,220,360	236	17,741,613
New Jersey	NA	NA	NA	NA
New Mexico	22,328	51,853,051	194	29,610,289
New York	103,543	181,261,323	146	85,515,806
North Carolina	272,761	265,756,348	61	123,427,816
North Dakota	12,836	22,313,708	145	10,401,031
Ohio	108,500	203,834,096	157	101,527,693
Oklahoma	58,617	97,640,136	139	45,637,281
Oregon	59,540	126,122,057	176	53,713,263
Pennsylvania	11,567	19,931,275	143	9,586,366
Rhode Island	NA	NA	NA	NA
South Carolina	101,123	180,591,133	149	79,060,853
South Dakota	13,730	23,042,519	140	10,568,545
Tennessee	72,423	174,084,702	200	68,815,103
Texas	122,797	168,386,127	114	64,540,172
Utah	12,071	21,565,985	149	10,267,015
Vermont	13,018	38,618,462	247	15,697,640
Virginia	3,550	6,548,615	154	2,252,363
Washington	46,867	140,132,555	249	52,775,933
West Virginia	18,411	46,430,261	210	18,208,080
Wisconsin	168,824	401,792,913	198	153,784,803
Wyoming	3,027	11,480,711	310	4,792,435
Total	2,803,911	5,748,502,042	171	2,304,190,542

<sup>1</sup>The average of the 12 monthly access line counts the LECs reported to the National Exchange Carrier Association (NECA) during calendar year 1992.

<sup>2</sup>The cumulative total of the originating and terminating switched access minutes the LECs reported to NECA for each of the 12 months of calendar year 1992.

<sup>3</sup>This shows the wide variance in raw interstate usage in different regions of the United States. States with large geographic areas and many cities, such as Texas, have relatively low interstate usage per line, but have relatively higher interstate calling patterns. In the more rural states, the amount of interstate calling per month almost always is higher because there are more so many places to call within the state. Thus, areas such as Alaska, Arizona, Nevada, and Wyoming, which have a greater number of access minutes per line, per month, also have the highest percentage of interstate usage.

<sup>4</sup>This is derived by applying a ratio to the interstate subscriber line usage minutes of use as detailed in "Current Monthly Subscriber Bill Calculations" in Appendix B.

<sup>5</sup>The Alaska access lines used in this study include the urban, as well as the rural, area of the state.

Figure 4.2

Calculation of 1992 Monthly Local Service Revenues<sup>1</sup>

State	Local Service Revenues	Subscribers Receiving Service	Local Service Revenues per Subscriber per Month
Alabama	\$36,567,236	160,989	\$18.94
Alaska	\$24,763,656	98,554	\$20.94
Arizona	\$38,115,579	150,912	\$21.05
Arkansas	\$44,399,854	221,447	\$16.71
California	\$15,470,655	62,453	\$20.64
Colorado	\$8,113,342	31,734	\$21.31
Connecticut	NA	NA	NA
Delaware	NA	NA	NA
Florida	\$22,472,307	111,643	\$16.77
Georgia	\$96,317,621	396,989	\$18.12
Hawaii	NA	NA	NA
Idaho	\$3,378,341	19,396	\$14.51
Illinois	\$13,571,211	89,120	\$12.69
Indiana	\$18,190,690	93,642	\$16.19
Iowa	\$28,004,290	167,709	\$13.92
Kansas	\$29,114,927	179,045	\$13.55
Kentucky	\$44,224,507	219,287	\$16.61
Louisiana	\$34,300,764	130,293	\$21.95
Maine	\$11,561,162	86,666	\$11.09
Maryland	\$454,409	4,933	\$7.66
Massachusetts	\$489,671	2,472	\$16.51
Michigan	\$20,833,034	154,219	\$11.31
Minnesota	\$56,395,640	308,132	\$15.25
Mississippi	\$16,153,040	62,910	\$21.40
Missouri	\$18,922,447	293,163	\$13.91
Montana	\$6,699,859	41,692	\$13.30
Nebraska	\$11,410,644	73,692	\$12.90
Nevada	\$1,154,924	6,166	\$15.56
New Hampshire	\$3,601,414	26,793	\$11.20
New Jersey	\$29,001,926	152,154	\$13.73
New Mexico	\$5,575,461	28,572	\$16.26
New York	\$25,525,210	130,240	\$16.33
North Carolina	\$87,271,839	381,361	\$19.07
North Dakota	\$11,122,968	65,192	\$14.22
Ohio	\$5,209,071	23,710	\$16.31
Oklahoma	\$24,203,350	144,641	\$13.94
Oregon	\$11,765,495	61,303	\$15.99
Pennsylvania	\$67,429,226	464,793	\$12.09
Rhode Island	NA	NA	NA
South Carolina	\$58,052,037	263,362	\$16.31
South Dakota	\$8,742,832	61,482	\$11.85
Tennessee	\$51,914,705	259,489	\$16.67
Texas	\$39,375,778	211,005	\$15.55
Utah	\$1,994,265	13,390	\$12.60
Vermont	\$2,350,858	12,363	\$15.15
Virginia	\$5,329,518	53,174	\$13.05
Washington	\$5,361,683	34,111	\$13.10
West Virginia	\$18,629,472	60,742	\$23.76
Wisconsin	\$58,036,333	358,594	\$13.49
Wyoming	\$2,703,638	14,034	\$16.05
Total	\$1,143,470,015	5,968,298	\$15.91

<sup>1</sup>Excludes 894 local exchange carriers per the Rural Electrification Administration's 1992 Statistical Report, Rural Telephone Services, Table 24, "Composite Revenues Reported by Revenue by State—Calendar Year 1992."

Figure 4.12

## Current Monthly Subscriber Bill for the OPASTCO Study Group LECs' Subscribers

State	Local Billing (A)	Federal Subscriber Line Charge (B)	Interstate Toll Billing at \$0.12 per Minute (C)	Intrastate Toll Billing at \$0.16 per Minute (D)	Total Current Subscriber Bill (E)
Alabama	\$18.94	\$3.50	\$7.78	\$11.52	\$41.74
Alaska	\$20.94	\$3.50	\$13.16	\$12.30	\$49.90
Arizona	\$21.05	\$3.50	\$19.57	\$10.39	\$54.51
Arkansas	\$16.71	\$3.50	\$2.56	\$2.19	\$24.96
California	\$20.64	\$3.50	\$5.00	\$24.74	\$53.88
Colorado	\$21.31	\$3.50	\$12.95	\$11.97	\$49.73
Connecticut	NA	NA	NA	NA	NA
Delaware	NA	NA	NA	NA	NA
Florida	\$16.77	\$3.50	\$2.01	\$4.44	\$27.32
Georgia	\$18.12	\$3.50	\$5.42	\$13.80	\$40.84
Hawaii	NA	NA	NA	NA	NA
Idaho	\$14.51	\$3.50	\$8.68	\$13.32	\$40.01
Illinois	NA	NA	NA	NA	NA
Indiana	\$16.19	\$3.50	\$7.78	\$7.89	\$46.36
Iowa	\$13.92	\$3.50	\$11.31	\$21.19	\$49.92
Kansas	\$13.55	\$3.50	\$7.43	\$23.63	\$48.31
Kentucky	NA	NA	NA	NA	NA
Louisiana	\$21.95	\$3.50	\$11.43	\$31.59	\$68.47
Maine	\$11.09	\$3.50	\$7.32	\$23.15	\$45.06
Maryland	NA	NA	NA	NA	NA
Massachusetts	NA	NA	NA	NA	NA
Michigan	\$11.31	\$3.50	\$7.02	\$26.86	\$50.69
Minnesota	\$15.25	\$3.50	\$0.77	\$21.42	\$40.94
Mississippi	\$21.40	\$3.50	\$9.94	\$10.94	\$45.78
Missouri	\$13.91	\$3.50	\$7.44	\$17.46	\$42.31
Montana	\$13.39	\$3.50	\$10.97	\$23.37	\$51.23
Nebraska	\$12.90	\$3.50	\$6.73	\$15.47	\$38.60
Nevada	\$15.56	\$3.50	\$15.33	\$12.07	\$46.46
New Hampshire	\$11.20	\$3.50	\$11.47	\$18.20	\$44.37
New Jersey	NA	NA	NA	NA	NA
New Mexico	\$16.26	\$3.50	\$13.26	\$14.69	\$47.71
New York	\$16.33	\$3.50	\$8.26	\$16.10	\$44.19
North Carolina	\$19.07	\$3.50	\$4.53	\$7.36	\$34.46
North Dakota	\$14.22	\$3.50	\$8.10	\$18.39	\$44.21
Ohio	\$18.31	\$3.50	\$8.27	\$22.12	\$52.20
Oklahoma	\$13.94	\$3.50	\$7.79	\$20.22	\$45.45
Oregon	\$15.99	\$3.50	\$9.02	\$19.02	\$47.53
Pennsylvania	\$12.09	\$3.50	\$8.27	\$15.72	\$39.58
Rhode Island	NA	NA	NA	NA	NA
South Carolina	\$18.37	\$3.50	\$7.82	\$7.70	\$37.39
South Dakota	\$11.85	\$3.50	\$7.71	\$15.29	\$38.35
Tennessee	\$16.67	\$3.50	\$9.50	\$11.87	\$41.54
Texas	\$15.55	\$3.50	\$5.26	\$20.05	\$44.36
Utah	\$12.60	\$3.50	\$8.51	\$21.51	\$46.12
Vermont	\$15.15	\$3.50	\$12.21	\$12.03	\$42.89
Virginia	\$13.05	\$3.50	\$6.34	\$22.96	\$45.85
Washington	\$13.10	\$3.50	\$11.21	\$30.70	\$58.62
West Virginia	\$25.56	\$3.50	\$9.80	\$15.84	\$54.70
Wisconsin	\$13.49	\$3.50	\$8.11	\$17.67	\$42.77
Wyoming	\$16.05	\$3.50	\$15.83	\$12.54	\$47.92
Average	\$15.91	\$3.50	\$8.72	\$15.63	\$43.26

# TRENDS IN TELEPHONE SERVICE

Industry Analysis Division  
Common Carrier Bureau  
Federal Communications Commission  
July 1998



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TABLE 13.1

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## AVERAGE RESIDENTIAL RATES FOR LOCAL SERVICE IN URBAN AREAS

(as of October 15)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Representative Monthly Charge *	\$12.58	\$12.44	\$12.32	\$12.30	\$12.36	\$13.03	\$13.05	\$13.16	\$13.19	\$13.62	\$13.71	\$13.82
Subscriber Line Charges	2.04	2.66	2.67	3.53	3.55	3.56	3.55	3.55	3.55	3.54	3.54	3.53
Additional Monthly Charge for Touch-tone Service	1.57	1.52	1.54	1.52	1.33	1.06	0.97	0.94	0.77	0.44	0.30	0.12
Taxes and 911 Charges	1.51	1.56	1.58	1.70	2.00	2.12	2.15	2.29	2.31	2.41	2.40	2.44
Total Monthly Charge	17.70	18.18	18.11	19.05	19.24	19.77	19.72	19.95	19.81	20.01	19.95	19.92
Basic Connection Charge	\$45.63	\$44.04	\$42.94	\$43.06	\$43.06	\$42.00	\$41.60	\$41.38	\$41.28	\$40.91	\$41.11	\$41.06
Additional Connection Charge for Touch-tone Service	1.34	1.31	1.55	1.78	1.77	1.27	1.22	1.23	0.85	0.23	0.23	0.17
Taxes	2.28	2.20	2.11	2.44	2.32	2.30	2.29	2.30	2.33	2.44	2.36	2.46
Total Connection Charge	46.97	46.35	44.49	44.82	44.83	45.57	42.72	44.92	44.46	43.58	43.70	43.68
Additional Charge if Drop Line and Connection Block Needed	n.a.	n.a.	6.04	6.07	6.89	6.89	6.50	7.29	6.74	6.90	5.74	5.65
Lowest-cost Inside Wiring Maintenance Plan	\$0.58	\$0.65	\$0.89	\$1.07	\$1.07	\$1.20	\$1.25	\$1.31	\$1.45	\$1.52	\$1.78	\$1.62

\*Rate is based on flat-rate service where available, and on measured/message service with 100 five-minute, same-zone business-day calls elsewhere.

TABLE 16.2

TELEPHONE PENETRATION BY STATE  
(ANNUAL AVERAGE PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE)

STATE	1984	1987	CHANGE
ALABAMA	88.4 %	92.3 %	3.9 *
ALASKA	86.5	94.5	8.0 *
ARIZONA	86.9	91.6	4.7 *
ARKANSAS	86.6	89.8	3.2 *
CALIFORNIA	92.5	94.3	1.8 *
COLORADO	93.2	95.9	2.6 *
CONNECTICUT	95.5	94.2	-1.3 **
DELAWARE	94.3	95.7	1.5 *
DISTRICT OF COLUMBIA	94.8	90.8	-4.1 **
FLORIDA	88.7	92.8	4.1 *
GEORGIA	86.2	92.0	5.8 *
HAWAII	93.5	94.5	0.9 *
IDAHO	90.7	94.0	3.3 *
ILLINOIS	94.2	92.2	-2.0 **
INDIANA	91.6	93.8	2.2 *
IOWA	96.2	96.7	0.5 *
KANSAS	94.3	94.0	-0.4 **
KENTUCKY	88.1	93.2	5.0 *
LOUISIANA	89.7	91.0	1.4 *
MAINE	93.4	90.1	-2.7 **
MARYLAND	95.7	95.7	0.0
MASSACHUSETTS	95.9	95.4	-0.5 **
MICHIGAN	92.8	94.3	1.4 *
MINNESOTA	95.8	96.9	1.1 *
MISSISSIPPI	82.4	89.2	6.8 *
MISSOURI	91.5	95.0	3.6 *
MONTANA	91.0	93.7	2.7 *
NEBRASKA	95.7	97.1	1.4 *
NEVADA	90.4	94.1	3.8 *
NEW HAMPSHIRE	94.3	96.5	2.2 *
NEW JERSEY	94.8	94.9	0.1
NEW MEXICO	82.0	88.1	6.1 *
NEW YORK	91.8	94.2	2.4 *
NORTH CAROLINA	88.3	93.1	4.8 *
NORTH DAKOTA	94.6	95.8	1.2 *
OHIO	92.4	94.6	2.1 *
OKLAHOMA	90.3	91.4	1.2 *
OREGON	90.6	95.6	5.0 *
PENNSYLVANIA	94.9	97.1	2.3 *
RHODE ISLAND	93.6	94.5	0.8 *
SOUTH CAROLINA	83.7	92.5	8.9 *
SOUTH DAKOTA	93.2	93.9	0.7 *
TENNESSEE	88.5	94.5	6.0 *
TEXAS	88.4	91.3	2.9 *
UTAH	92.5	96.9	4.4 *
VERMONT	92.3	95.1	2.8 *
VIRGINIA	93.1	94.5	1.5 *
WASHINGTON	93.0	95.9	2.9 *
WEST VIRGINIA	87.7	93.2	5.5 *
WISCONSIN	95.2	96.3	1.1 *
WYOMING	89.9	93.4	3.5 *
TOTAL UNITED STATES	91.6	93.9	2.3 *

SOURCE: INDUSTRY ANALYSIS DIVISION, TELEPHONE SUBSCRIBERSHIP IN THE UNITED STATES.

\* INCREASE IS STATISTICALLY SIGNIFICANT AT THE 95% CONFIDENCE LEVEL.

\*\* DECREASE IS STATISTICALLY SIGNIFICANT AT THE 95% CONFIDENCE LEVEL.

CHANGES MAY NOT BE THE SAME AS CALCULATED DIFFERENCES, DUE TO ROUNDING.

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TABLE 19.2  
TELEPHONE LINES BY STATE AS OF DECEMBER 31, 1994

STATE NAME	NUMBER OF TELEPHONE COMPANIES	BELL COMPANY LINES			OTHER COMPANY LINES			TOTAL LINES	% EQUAL ACCESS
		EQUAL ACCESS	NON-EQUAL ACCESS	% EQUAL ACCESS	EQUAL ACCESS	NON-EQUAL ACCESS	% EQUAL ACCESS		
ALABAMA	30	1,804,523	0	100.00	416,809	12,431	97.10	2,221,332	95.44
ALASKA	25	0	0	N.A.	308,979	46,206	86.99	355,185	86.99
ARIZONA	15	2,255,788	711	99.97	155,215	2,898	98.17	2,411,003	99.85
ARKANSAS	28	887,446	0	100.00	381,685	19,326	95.18	1,269,131	94.50
CALIFORNIA	22	15,825,276	0	100.00	3,948,898	31,136	99.22	19,774,174	99.84
COLORADO	27	2,276,397	1,831	99.92	92,300	10,744	89.97	2,368,697	99.47
CONNECTICUT	2	0	0	N.A.	2,035,573	0	100.00	2,035,573	100.00
DELAWARE	1	466,474	0	100.00	0	0	N.A.	466,474	100.00
DIST. OF COLUMBIA	1	771,630	0	100.00	0	0	N.A.	771,630	100.00
FLORIDA	13	5,663,040	0	100.00	3,865,704	42,758	98.91	9,528,744	99.55
GEORGIA	36	3,572,631	0	100.00	671,266	31,411	95.53	4,243,897	99.27
HAWAII	1	0	0	N.A.	586,974	28,314	95.40	615,288	95.40
IDAHO	21	449,625	0	100.00	160,233	2,897	98.23	610,158	99.53
ILLINOIS	56	6,233,999	0	100.00	1,153,220	55,376	95.42	7,387,219	99.26
INDIANA	42	1,853,053	0	100.00	1,145,476	23,638	97.98	3,000,529	99.24
IOWA	153	989,362	0	100.00	493,012	10,894	97.85	1,482,374	99.27
KANSAS	39	1,244,898	0	100.00	199,374	42,034	82.59	1,444,272	97.17
KENTUCKY	19	1,113,544	0	100.00	776,373	7,665	99.02	1,890,117	99.60
LOUISIANA	20	2,102,325	0	100.00	151,262	12,216	92.53	2,253,587	99.46
MADISE	19	632,594	0	100.00	116,874	4,410	96.36	749,468	99.42
MARYLAND	2	3,046,238	0	100.00	5,829	0	100.00	3,052,067	100.00
MASSACHUSETTS	3	4,148,019	0	100.00	3,795	0	100.00	4,151,814	100.00
MICHIGAN	38	4,843,416	0	100.00	809,673	49,964	94.19	5,653,089	99.12
MINNESOTA	89	2,055,017	0	100.00	659,497	15,072	97.77	2,714,514	99.45
MISSISSIPPI	19	1,166,783	0	100.00	52,683	25,281	67.57	1,219,466	97.97
MISSOURI	44	2,225,764	0	100.00	674,867	63,551	91.39	2,900,631	97.93
MONTANA	18	334,537	0	100.00	133,820	11,341	92.29	468,357	97.65
NEBRASKA	42	501,392	0	100.00	404,197	22,334	94.76	905,589	97.59
NEVADA	14	294,577	0	100.00	776,083	3,444	99.56	1,070,660	99.88
NEW HAMPSHIRE	12	707,034	0	100.00	42,870	2,659	93.75	749,904	99.82
NEW JERSEY	3	5,587,098	0	100.00	189,400	0	100.00	5,776,498	100.00
NEW MEXICO	13	693,849	0	100.00	108,617	11,700	90.28	802,466	98.56
NEW YORK	44	10,373,193	0	100.00	1,180,966	8,218	99.31	11,554,159	99.53
NORTH CAROLINA	26	2,096,889	0	100.00	2,086,598	13,129	99.37	4,183,487	99.68
NORTH DAKOTA	24	207,695	0	100.00	123,591	22,958	84.33	331,286	93.22
OHIO	42	3,733,552	0	100.00	2,413,446	80,892	96.76	6,147,000	98.70
OKLAHOMA	39	1,503,575	7,320	99.52	298,718	13,212	95.76	1,802,293	98.87
OREGON	33	1,230,646	0	100.00	611,272	5,396	99.12	1,841,918	99.71
PENNSYLVANIA	37	5,300,537	0	100.00	1,594,339	24,793	98.47	6,894,876	99.45
RHODE ISLAND	1	602,318	0	100.00	0	0	N.A.	602,318	100.00
SOUTH CAROLINA	27	1,399,243	0	100.00	651,840	922	99.86	2,051,083	99.95
SOUTH DAKOTA	32	257,672	0	100.00	122,661	4,748	96.27	380,333	98.77
TENNESSEE	25	2,485,023	0	100.00	570,920	35,869	94.09	3,055,943	98.83
TEXAS	57	8,376,840	0	100.00	2,242,582	59,016	97.44	10,619,422	99.45
UTAH	13	941,891	0	100.00	35,588	7,115	83.34	977,479	99.28
VERMONT	10	387,533	0	100.00	52,649	5,290	90.87	440,182	98.52
VIRGINIA	21	2,839,412	0	100.00	921,353	4,608	99.50	3,760,765	99.88
WASHINGTON	22	2,258,674	0	100.00	1,002,466	9,059	99.10	3,261,140	99.72
WEST VIRGINIA	10	783,559	0	100.00	140,265	2,516	98.24	923,824	99.70
WISCONSIN	89	2,047,863	0	100.00	1,004,961	4,945	99.51	3,052,824	99.84
WYOMING	10	226,095	0	100.00	24,883	13,331	72.35	250,978	95.14
UNITED STATES	1,431*	120,899,800	9,862	99.99	35,612,756	905,917	97.52	156,512,556	99.42
NORTHERN MARIANA IS.	1	0	0	N.A.	30,976	0	100.00	30,976	100.00
PUERTO RICO	2	0	0	N.A.	1,166,721	0	100.00	1,166,721	100.00
VIRGIN ISLANDS	1	0	0	N.A.	56,211	0	100.00	56,211	100.00
GRAND TOTAL	1,435*	120,899,800	9,862	99.99	36,836,664	905,917	97.60	157,736,464	99.42

Source: National Exchange Carrier Association PSL Database.

\*This total number of operating companies overstates the actual number of operating companies because many operating companies serve more than one state. There are about 1,300 separate operating companies.