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FOR IMMEDIATE RELEASE:
December 4, 2000

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FEDERAL COMMUNICATIONS COMMISSION RELEASES DATA ON LOCAL TELEPHONE COMPETITION

Total CLEC Lines Climbed to Nearly 13 Million – a 53% Growth During First Six Months of This Year

Washington, D.C. – The Federal Communications Commission (FCC) today released summary statistics of its latest data on local telephone services competition in the United States. Providers file such data twice a year under the Commission's local competition and broadband data gathering program (FCC Form 477). The local competition and broadband data gathering program was adopted in March 2000 to assist the Commission in its efforts to further implement the pro-competitive, deregulatory provisions of the Telecommunications Act of 1996.

The information released today was filed by qualifying providers on September 1, 2000, and reflects data as of June 30, 2000. Noteworthy data include:

- Competitive local exchange carriers (CLECs) reported 12.7 million (or 6.7%) of the approximately 192 million nationwide local telephone lines in service to end-users on June 30, 2000, compared to 8.3 million (or 4.4% of nationwide lines) at the end of 1999. This represents a 53% growth in CLEC market size during the first six months of this year.

- More than 60% of CLEC local telephone lines served medium and large business, institutional, and government customers. By contrast, almost 80% of incumbent local exchange carrier (ILEC) lines served residential and small business customers.

- CLECs provided about one-third of end-user lines over their own local loop facilities. To serve the remainder of their customers, they resold the services of other telephone companies or leased unbundled network element (UNE) loops. Incumbent telephone companies provided about 5.7 million resale lines, compared to about 4.6 million at the end of 1999, and they provided over 3 million UNE loops, compared to about 1.5 million six months earlier.

-- more --

- At least one CLEC was serving customers in 54% of the nation's zip codes at mid-year 2000. Over 86% of United States households reside in these zip codes. CLECs reported lines in all states except Idaho, and also in the District of Columbia and Puerto Rico. (See the attached map of reporting CLECs by zip code.)

- The 78 providers of mobile wireless telephone services that reported mid-year data served about 91 million subscribers.

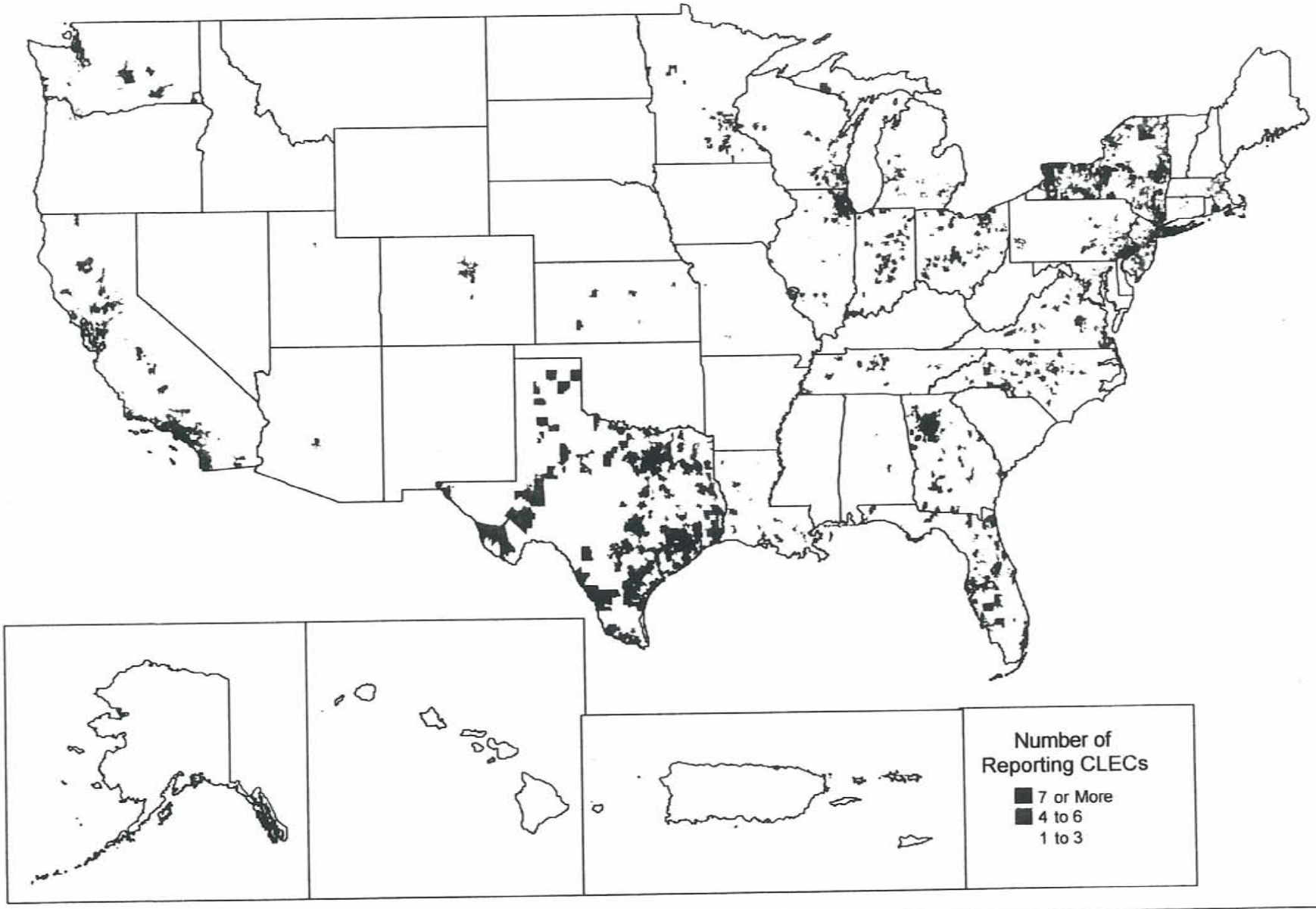
As additional information from Form 477 becomes available, it will be routinely posted on the Commission's Internet site. Because Form 477 was adopted recently, there may be some need for further clarification and adjustment of the reporting system.

The data summary is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12th Street, SW, Washington, DC. It can be downloaded [file name: LCOM1200.pdf] from the **FCC-State Link** Internet site at http://www.fcc.gov/ccb/stats. Copies may be purchased by calling International Transcription Services, Inc. (ITS) at (202) 857-3800.

- FCC -

Common Carrier Bureau contact: Industry Analysis Division at (202) 418-0940; TTY (202) 418- 0484.

Reporting CLECs by Zip Code
(As of June 30, 2000)



Local Telephone Competition: Status as of June 30, 2000

December 2000

Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
Washington, DC 20554

This publication is available for reference in the FCC's Information Center at 445 12th Street, S.W., Courtyard Level. Copies may be purchased by calling International Transcription Service, Inc. at (202) 857-3800. The publication can also be downloaded [file name: LCOM1200.PDF] from the **FCC-State Link** internet site at http://www.fcc.gov/ccb/stats.

Local Telephone Competition: Status as of June 30, 2000

We present here summary statistics of the latest data on local telephone services competition in the United States as reported in the Commission's local competition and broadband data gathering program (FCC Form 477). The summary statistics provide a snapshot of local telephone services competition and state-specific mobile wireless telephone subscribership as of June 30, 2000.[1]

Based on the information now available, the following broad conclusions emerge:

- Competitive local exchange carriers (CLECs) reported 12.7 million (or 6.7%) of the approximately 192 million nationwide local telephone lines that were in service to end-users on June 30, 2000, compared to 8.3 million (or 4.4% of nationwide lines) at the end of 1999. This represents a 53% growth in CLEC market size during the first six months of this year. See Table 1.

- More than 60% of CLEC local telephone lines served medium and large business, institutional, and government customers at mid-year 2000. By contrast, almost 80% of incumbent local exchange carrier (ILEC) local telephone lines served residential and small business customers. See Table 2.

- CLECs provided about one-third of end-user lines over their own local loop facilities.[2] To serve the remainder of their end-user lines, CLECs resell the services of other carriers or use unbundled network element (UNE) loops that they lease from other carriers.[3] See Table 3.

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[1] In the second round of data collection, on September 1, 2000, qualifying carriers filed data for June 30, 2000. (Qualification status is determined separately for each state. If a carrier has at least 10,000 local telephone lines in service in a state, it must file local telephone data for that state.) The first FCC Form 477 filings, which reported data as of December 31, 1999, were made on May 15, 2000. *See* Federal Communications Commission, Common Carrier Bureau, Industry Analysis Division, *Local Telephone Competition at the New Millennium*, Staff Report (August 2000), which may be downloaded from the FCC-State Link internet site at http://www.fcc.gov/ccb/stats. During this data gathering program, qualifying service providers will file FCC Form 477 each year on March 1 (reporting data for the preceding December 31) and September 1 (reporting data for June 30 of the same year). An updated FCC Form 477 for each specific round of the data collection may be downloaded from the FCC Forms website at http://www.fcc.gov/formpage.html. FCC Form 477 replaced a previous, voluntary data gathering program which was administered by the Common Carrier Bureau. *See Local Competition and Broadband Reporting*, CC Docket No. 99-301, Notice of Proposed Rulemaking, 14 FCC Rcd 18106 (rel. Oct. 22, 1999).

[2] A reporting carrier should own the "last mile" wire, cable, or optical fiber that connects to the end-user premises (or own the equivalent fixed wireless facility) if it reports providing the local telephone line over its own facilities. Owning the switch that provides dialtone (and other services) over a UNE loop leased from another carrier does not so qualify a line. As the Commission's data collection program was only recently implemented, we expect providers to report data more accurately as they gain experience with the program. There also may be some need for further clarification and adjustment of the reporting system.

[3] UNE loops, as we use the term here, includes UNE loops leased from an ILEC on a stand-alone basis and also UNE loops leased in combination with UNE switching or with any other unbundled network element. For definitions of the various unbundled network elements, *see Implementation of the Local Competition Provisions of the Telecommunications Act of 1996*, CC Docket 96-98, Third Report and Order and Fourth Further Notice of Proposed Rulemaking, 15 FCC Rcd 3696, 3932-3952 (rel. Nov. 5, 1999) (*UNE Remand*).

- ILECs reported providing about 5.7 million lines to other carriers on a resale basis at mid-year 2000, compared to about 4.6 million lines at the end of 1999. The number of UNE loops that ILECs reported providing to other carriers increased more rapidly, doubling during the six-month period from about 1.5 million to over 3 million.[4] See Table 4.

- The Commission's data collection program provides information about CLEC local telephone lines (and thus the CLEC share of total end-user lines in service) in individual states. Relatively large numbers of CLEC lines are associated with the more populous states.[5] With respect to the calculated CLEC *share* of local telephone lines in service, however, relatively large values are reported for some less populous states, such as Kansas, Louisiana, and Iowa, as well as for some more populous states, such as New York and Illinois. See Table 5.

- At least one CLEC reported providing service in the District of Columbia, in Puerto Rico, and in all states except Idaho. Four or more CLECs reported serving customers in 29 states and the District of Columbia.[6] See Table 6.

- The percentage of total CLEC end-user lines serving residential and small business customers varies among the states, and is generally lower than the ILEC percentage. See Table 7.

- By comparison to the roughly 192 million fixed-facility[7] local telephone lines serving end-user customers, the 78 providers of mobile wireless telephone services that reported information served about 91 million subscribers at mid-year 2000.[8] See Table 8.

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[4] The numbers reported by ILECs may be slightly understated because smaller carriers are not required to report data. However, as the reporting ILECs account for about 98% of all ILEC lines, the understatement should not be large. (All ILECs, whether or not they normally report to the FCC, provide data on the number of telephone lines served to the National Exchange Carrier Association for use in conjunction with the Commission's universal service mechanism.) We are less certain about the extent to which comparable lines as reported by CLECs are understated as a result of the state-specific reporting threshold, but we expect such understatement to be larger, on a percentage basis, than for ILECs.

[5] State populations as of July 1999 appear in Table 8.

[6] In the second filing of Form 477, 160 ILECs filed a total of 317 state-specific reports on their local telephone service and 76 CLECs filed a total of 323 reports. Of these, 7 ILEC reports and 40 CLEC reports were from carriers that had fewer than 10,000 lines in a particular state and were thus voluntary. Qualifying carriers were required to report services in the fifty states, District of Columbia, Puerto Rico, and Virgin Islands. Carriers were invited, but not required, to make voluntary submissions for American Samoa, Guam, and the Northern Mariana Islands. No such voluntary submissions were received.

[7] That is, voice telephone lines provided by means of wireline or fixed wireless technology.

[8] Facilities-based providers with fewer than 10,000 mobile wireless telephone service subscribers in a state (measured by revenue-generating handsets in service) are not required to report. By comparison, the Cellular Telecommunications & Internet Association reports 97 million subscribers in June 2000 based on their survey of the industry.

- The Commission's data collection program requires CLECs and ILECs to identify each zip code in which the provider serves at least one customer.[9] As of June 30, 2000, at least one CLEC was serving customers in 54% of the nation's zip codes. Over 86% of United States households reside in these zip codes. Moreover, multiple carriers report providing local telephone service in the major population centers of the country. See Table 9, Table 10, and the map that follows Table 10.

- In each of California, New York, and Texas, more than one-fifth of zip codes have seven or more reporting CLECs. By contrast, 7% of nationwide zip codes have seven or more reporting CLECs. See Table 11.

As other information from FCC Form 477 becomes available, it will be routinely posted on the Commission's Internet site. We invite users of the information presented in this statistical summary to provide suggestions for improved data collection and analysis by:

- Using the attached customer response form,
- E-mailing comments to eburton@fcc.gov,
- Calling the Industry Analysis Division at (202) 418-0940, or
- Participating in any formal proceedings undertaken by the Commission to solicit comments for improvement of Form 477.

[9] CLECs and ILECs are required to report, for states in which they have at least 10,000 local telephone lines in service, lists of zip codes where they have subscribers. Some CLECs and ILECs that did not meet the reporting threshold, but nevertheless volunteered data on the number of telephone lines in service, did not provide a list of zip codes. Therefore, the number of CLECs shown for a particular state in the map that follows Table 10 may be less than the number of CLECs reported for that state in Table 6. Providers of mobile wireless telephone service do not report zip codes.

Table 3
Reporting Competitive Local Exchange Carriers
(End-User Lines in Thousands)

Date	CLECs Reporting	Total End-User Lines	Acquired Lines 1/	Percent	CLEC Owned Lines	Percent
December 1999	81	8,318	5,471	65.8 %	2,847	34.2 %
June 2000	76	12,747	8,443	66.2	4,304	33.8

1/ Lines acquired from other carriers as UNE loops or under resale arrangements.

Table 4
Reporting Incumbent Local Exchange Carriers
(Lines in Thousands)

Date 1/	ILECs Reporting	Total Lines	End-User Lines	Lines Provided to Other Carriers			
				Lines Resold	UNE Loops Leased	Total	Percent of Total Lines
December 1997	9	159,008	157,132	1,743	133	1,876	1.2 %
June 1998	8	161,810	159,118	2,448	244	2,692	1.7
December 1998	7	164,614	161,191	3,062	361	3,423	2.1
June 1999	7	167,177	162,909	3,583	685	4,268	2.6
December 1999	168	187,431	181,308	4,649	1,474	6,123	3.3
June 2000	160	187,784	178,865	5,662	3,257	8,919	4.7

1/ Data for December 1997 through June 1999 are from Common Carrier Bureau voluntary surveys. Data for December 1999 and June 2000 are from FCC Form 477 filings.

Table 5
End-User Lines Served by Reporting LECs
(As of June 30, 2000)

State	ILECs	CLECs	Total	CLEC Share
Alabama	2,380,178	140,901	2,521,079	6 %
Alaska	486,337	*	*	*
Arizona	3,051,648	155,657	3,207,305	5
Arkansas	1,422,736	*	*	*
California	23,436,793	1,317,414	24,754,207	5
Colorado	2,887,311	204,608	3,091,919	7
Connecticut	2,438,119	136,086	2,574,205	5
Delaware	570,331	*	*	*
District of Columbia	914,716	72,696	987,412	7
Florida	11,121,374	983,047	12,104,421	8
Georgia	4,883,136	348,213	5,231,349	7
Hawaii	737,255	*	*	*
Idaho	724,440	0	724,440	0
Illinois	7,990,635	749,446	8,740,081	9
Indiana	3,597,365	156,280	3,753,645	4
Iowa	1,414,622	140,706	1,555,328	9
Kansas	1,533,755	295,133	1,828,888	16
Kentucky	2,135,858	*	*	*
Louisiana	2,432,846	289,798	2,722,644	11
Maine	818,979	*	*	*
Maryland	3,760,409	131,272	3,891,681	3
Massachusetts	4,313,988	384,548	4,698,536	8
Michigan	6,363,024	359,231	6,722,255	5
Minnesota	2,935,154	258,522	3,193,676	8
Mississippi	1,314,049	*	*	*
Missouri	3,508,475	178,377	3,686,852	5
Montana	514,992	*	*	*
Nebraska	1,010,682	*	*	*
Nevada	1,341,786	*	*	*
New Hampshire	813,919	*	*	*
New Jersey	6,705,441	294,690	7,000,131	4
New Mexico	947,809	*	*	*
New York	11,532,265	2,157,618	13,689,883	16
North Carolina	5,036,347	215,390	5,251,737	4
North Dakota	354,945	*	*	*
Ohio	6,944,806	266,235	7,211,041	4
Oklahoma	1,983,894	*	*	*
Oregon	2,119,998	58,699	2,178,697	3
Pennsylvania	8,200,347	671,437	8,871,784	8
Puerto Rico	1,288,076	*	*	*
Rhode Island	639,438	*	*	*
South Carolina	2,173,077	*	*	*
South Dakota	353,073	*	*	*
Tennessee	3,314,966	210,489	3,525,455	6
Texas	12,349,899	1,042,606	13,392,505	8
Utah	1,207,581	79,034	1,286,615	6
Vermont	377,987	*	*	*
Virgin Islands	69,063	0	69,063	0
Virginia	4,184,850	285,015	4,469,865	6
Washington	3,837,744	184,353	4,022,097	5
West Virginia	910,992	*	*	*
Wisconsin	3,239,809	238,306	3,478,115	7
Wyoming	237,588	*	*	*
Nationwide	178,864,907	12,746,924	191,611,831	7

Note: Carriers with under 10,000 lines in a state were not required to report

* Data withheld to maintain firm confidentiality

Table 7
Percentage of Lines Provided to Residential & Small Business Customers
(As of June 30, 2000)

State	ILEC	CLEC
Alabama	88%	6%
Alaska	66	*
Arizona	78	38
Arkansas	88	*
California	81	47
Colorado	76	57
Connecticut	85	23
Delaware	66	*
District of Columbia	33	1
Florida	87	22
Georgia	85	24
Hawaii	85	*
Idaho	78	n.a.
Illinois	76	24
Indiana	79	36
Iowa	75	53
Kansas	87	7
Kentucky	86	*
Louisiana	87	10
Maine	78	*
Maryland	64	13
Massachusetts	67	33
Michigan	78	18
Minnesota	74	22
Mississippi	87	*
Missouri	86	16
Montana	80	*
Nebraska	84	*
Nevada	76	*
New Hampshire	73	*
New Jersey	66	24
New Mexico	80	*
New York	67	61
North Carolina	86	12
North Dakota	78	*
Ohio	81	38
Oklahoma	86	*
Oregon	78	49
Pennsylvania	72	27
Puerto Rico	94	*
Rhode Island	71	*
South Carolina	86	*
South Dakota	73	*
Tennessee	89	19
Texas	86	41
Utah	76	11
Vermont	78	*
Virgin Islands	99	n.a.
Virginia	67	40
Washington	78	33
West Virginia	77	*
Wisconsin	77	39
Wyoming	68	*
Nationwide	**79**	**36**

* Data withheld to maintain firm confidentiality
n.a. Not applicable; no data reported

Table 8
Mobile Wireless Telephone Subscribers
(As of June 30, 2000)

State	Reporting Carriers 1/	Subscribers	Percentage of Nation	Population 2/	Subscribers per Capita
Alabama	11	1,253,084	1.4 %	4,370	0.29
Alaska	4	169,892	0.2	620	0.27
Arizona	11	1,624,668	1.8	4,778	0.34
Arkansas	5	715,467	0.8	2,551	0.28
California	12	12,283,369	13.6	33,145	0.37
Colorado	8	1,654,989	1.8	4,056	0.41
Connecticut	6	1,136,618	1.3	3,282	0.35
Delaware	6	275,219	0.3	754	0.37
District of Columbi	5	333,815	0.4	519	0.64
Florida	11	4,983,478	5.5	15,111	0.33
Georgia	13	2,687,238	3.0	7,788	0.35
Hawaii	7	454,364	0.5	1,185	0.38
Idaho	4	296,066	0.3	1,252	0.24
Illinois	12	4,309,660	4.8	12,128	0.36
Indiana	11	1,717,378	1.9	5,943	0.29
Iowa	6	975,629	1.1	2,869	0.34
Kansas	9	724,024	0.8	2,654	0.27
Kentucky	15	999,544	1.1	3,961	0.25
Louisiana	11	1,294,693	1.4	4,372	0.30
Maine	5	283,640	0.3	1,253	0.23
Maryland	7	2,013,058	2.2	5,172	0.39
Massachusetts	7	2,228,169	2.5	6,175	0.36
Michigan	14	3,423,535	3.8	9,864	0.35
Minnesota	12	1,595,560	1.8	4,776	0.33
Mississippi	6	509,038	0.6	2,769	0.18
Missouri	9	1,848,775	2.0	5,468	0.34
Montana	*	*	*	883	*
Nebraska	4	600,885	0.7	1,666	0.36
Nevada	6	825,163	0.9	1,809	0.46
New Hampshire	7	309,263	0.3	1,201	0.26
New Jersey	5	2,750,024	3.0	8,143	0.34
New Mexico	4	395,111	0.4	1,740	0.23
New York	8	5,016,524	5.5	18,197	0.28
North Carolina	9	2,730,178	3.0	7,651	0.36
North Dakota	*	*	*	634	*
Ohio	13	3,278,960	3.6	11,257	0.29
Oklahoma	11	979,513	1.1	3,358	0.29
Oregon	8	1,082,425	1.2	3,316	0.33
Pennsylvania	12	3,850,372	4.2	11,994	0.32
Puerto Rico	4	1,090,005	1.2	3,890	0.28
Rhode Island	6	313,550	0.3	991	0.32
South Carolina	6	1,236,338	1.4	3,886	0.32
South Dakota	*	*	*	733	*
Tennessee	12	1,876,444	2.1	5,484	0.34
Texas	21	6,705,423	7.4	20,044	0.33
Utah	8	692,006	0.8	2,130	0.32
Vermont	*	*	*	594	*
Virgin Islands	0	0	0	121	0
Virginia	11	2,447,687	2.7	6,873	0.36
Washington	9	2,144,767	2.4	5,756	0.37
West Virginia	8	347,916	0.4	1,807	0.19
Wisconsin	8	1,342,908	1.5	5,250	0.26
Wyoming	*	*	*	480	*
Nationwide	78	90,643,058	100.0	276,701	0.33

* Data withheld to maintain firm confidentiality

1/ Carriers with under 10,000 subscribers in a state were not required to report

2/ Census Bureau estimates of state population (in thousands) as of July 1999

Table 9
Percentage of Zip Codes with Competitive Local Exchange Carriers

Number of CLECs	June 2000
Zero	46 %
One	20
Two	9
Three	7
Four	5
Five	4
Six	2
Seven	2
Eight	1
Nine	1
Ten or More	3

Table 10
Percentage of Households in Zip Codes with Competitive Local Exchange Carriers

Number of CLECs	Percentage of Households June 2000	Number of Households 1/
0	13.6 %	14,039,322
1	13.6	14,055,272
2	11.8	12,244,926
3	12.3	12,670,581
4	11.5	11,846,579
5	9.7	10,072,717
6	6.4	6,565,183
7	4.5	4,651,512
8	3.7	3,820,321
9	3.8	3,896,028
10	2.8	2,844,442
11	2.7	2,797,818
12	1.5	1,560,567
13	0.9	889,929
14	0.6	614,351
15	0.2	256,630
16	0.3	281,485
17	0.2	162,502
18	0.1	108,502

1/ Demographic Power Pack, Current Year Update (2000), MapInfo Corporation.

Reporting CLECs by Zip Code
(As of June 30, 2000)

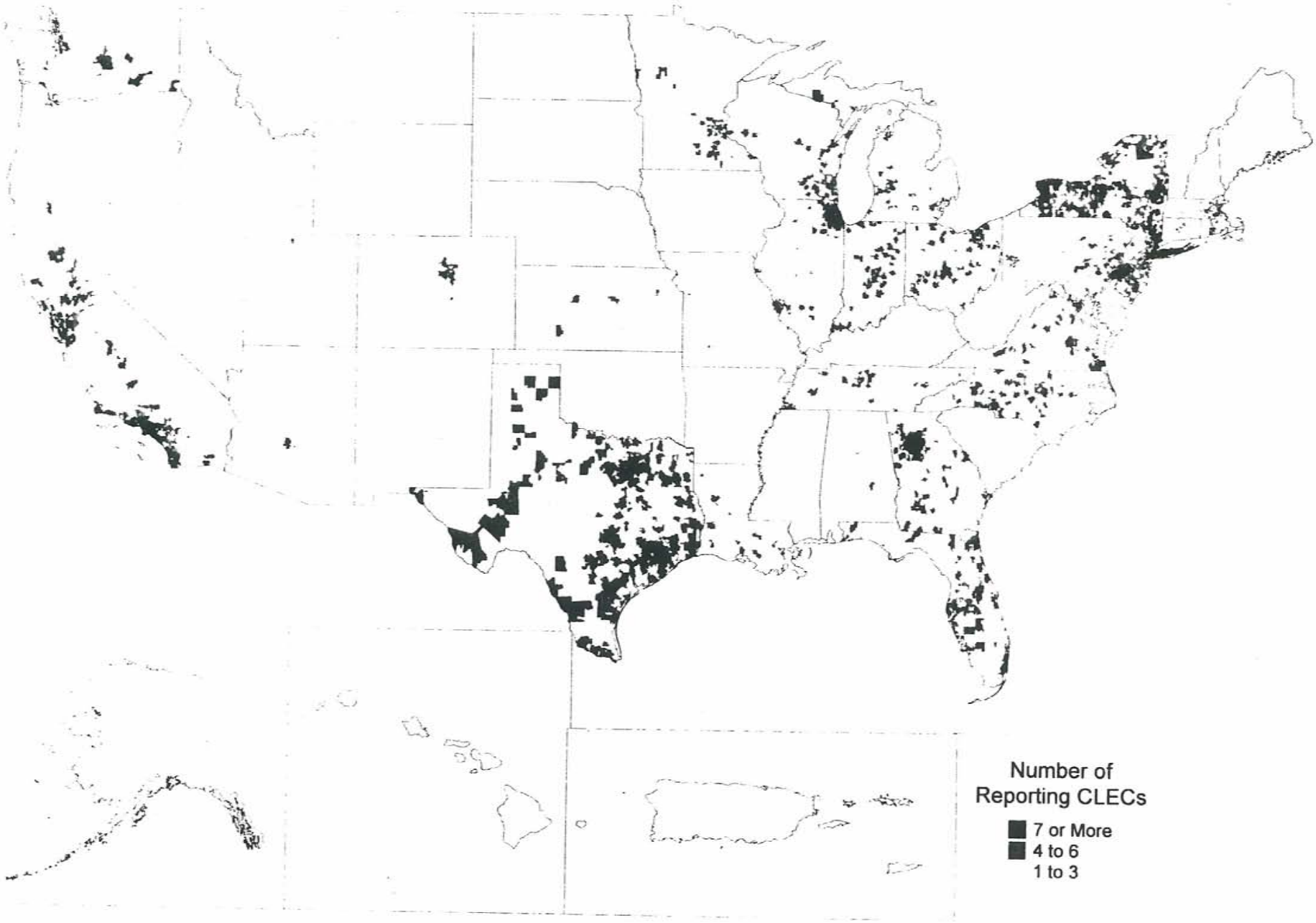

Table 11
Percentage of Zip Codes with Competitive Local Exchange Carriers
(As of June 30, 2000)

State	Number of CLECs					
	Zero	One - Three	Four	Five	Six	Seven or More
Alabama	50 %	49 %	1 %	0 %	0 %	0 %
Alaska	77	23	0	0	0	0
Arizona	48	37	5	6	4	0
Arkansas	97	3	0	0	0	0
California	19	37	9	7	6	23
Colorado	50	34	7	7	2	0
Connecticut	5	92	3	0	0	0
Delaware	96	4	0	0	0	0
District of Columbia	15	44	22	19	0	0
Florida	17	34	12	12	9	17
Georgia	42	31	5	5	3	14
Hawaii	65	35	0	0	0	0
Idaho	100	0	0	0	0	0
Illinois	54	24	3	3	3	12
Indiana	37	48	7	6	2	0
Iowa	80	20	0	0	0	0
Kansas	17	82	2	0	0	0
Kentucky	57	43	0	0	0	0
Louisiana	48	42	9	1	0	0
Maine	52	48	0	0	0	0
Maryland	44	42	12	2	0	0
Massachusetts	7	68	14	9	2	0
Michigan	30	59	5	3	2	0
Minnesota	49	41	5	3	1	0
Mississippi	23	77	0	0	0	0
Missouri	73	21	3	3	1	0
Montana	97	3	0	0	0	0
Nebraska	87	13	0	0	0	0
Nevada	58	42	0	0	0	0
New Hampshire	19	81	0	0	0	0
New Jersey	7	48	19	14	9	3
New Mexico	96	4	0	0	0	0
New York	12	28	10	8	6	36
North Carolina	27	57	9	6	0	1
North Dakota	94	6	0	0	0	0
Ohio	43	36	7	7	4	4
Oklahoma	85	15	0	0	0	0
Oregon	56	40	3	1	0	0
Pennsylvania	37	44	5	4	3	6
Puerto Rico	79	21	0	0	0	0
Rhode Island	79	21	0	0	0	0
South Carolina	61	39	0	0	0	0
South Dakota	93	7	0	0	0	0
Tennessee	55	34	5	4	2	0
Texas	18	36	8	7	5	27
Utah	48	48	4	0	0	0
Vermont	76	24	0	0	0	0
Virgin Islands	100	0	0	0	0	0
Virginia	45	35	5	7	5	3
Washington	37	45	8	6	3	1
West Virginia	100	0*	0	0	0	0
Wisconsin	55	29	8	6	1	0
Wyoming	75	25	0	0	0	0
Nationwide	46	36	5	4	2	7

* Greater than zero but less than 0.5%.

Customer Response

Publication: Local Telephone Competition: Status as of June 30, 2000

You can help us provide the best possible information to the public by completing this form and returning it to the Industry Analysis Division of the FCC's Common Carrier Bureau.

1. Please check the category that best describes you:

____ press
____ current telecommunications carrier
____ potential telecommunications carrier
____ business customer evaluating vendors/service options
____ consultant, law firm, lobbyist
____ other business customer
____ academic/student
____ residential customer
____ FCC employee
____ other federal government employee
____ state or local government employee
____ Other (please specify) _____

2. Please rate the report:

	Excellent	Good	Satisfactory	Poor	No opinion
Data accuracy	(_)	(_)	(_)	(_)	(_)
Data presentation	(_)	(_)	(_)	(_)	(_)
Timeliness of data	(_)	(_)	(_)	(_)	(_)
Completeness of data	(_)	(_)	(_)	(_)	(_)
Text clarity	(_)	(_)	(_)	(_)	(_)
Completeness of text	(_)	(_)	(_)	(_)	(_)

3. Overall, how do you rate this report?

Excellent	Good	Satisfactory	Poor	No opinion
(_)	(_)	(_)	(_)	(_)

4. How can this report be improved? _____

_____
_____
_____
_____

5. May we contact you to discuss possible improvements?

Name:

Telephone #:

Questions? Contact the Industry Analysis Division at (202) 418-0940 or, for users of TTY equipment, call (202) 418-0484		
Fax this response to	Or	Mail this response to
(202) 418-0520		FCC/IAD, Mail Stop 1600 F Washington, DC 20554