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See MCI v. FCC. 515 F 2d 385 (D.C. Circ 1974).
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# FEDERAL COMMUNICATIONS COMMISSION RELEASES DATA ON LOCAL TELEPHONE COMPETITION 

## Customer Lines Reported by New Entrants Totaled 25 Million at End of 2002 Represents 13\% of Total Access Lines

Washington, D.C. - The Federal Communications Commission (FCC) today released summary statistics of its latest data on local telephone service competition in the United States. Telecommunications service providers file data on lines in service to end-user customers and mobile wireless telephone subscribership twice a year in the Commission's local competition and broadband data gathering program (FCC Form 477).

Reporting of state-level data is mandatory for carriers with at least 10,000 switched access lines, or at least 10,000 mobile wireless telephone service subscribers, in a state. Statistics released today summarize FCC Form 477 filings from qualifying providers as of March 1, 2003, and reflect data as of December 31, 2002.

## Summary Statistics

- End-user customers obtained local telephone service by means of some 163 million incumbent local exchange carrier (ILEC) switched access lines, 25 million competitive local exchange carrier (CLEC) switched access lines, and 136 million mobile wireless telephone service subscriptions.
- Total CLEC end-user switched access lines increased by $14 \%$ during the second half of 2002, from 21.6 million to 24.8 million lines. By comparison, total CLEC lines increased by $10 \%$ during the preceding six months, from 19.7 to 21.6 million lines. For the full year, CLEC end-user lines increased by $26 \%$.
- About $13.2 \%$ of the 188 million total end-user switched access lines were reported by CLECs, compared to $10.3 \%$ a year earlier.
- $58 \%$ of CLEC end-user switched access lines served residential and small business customers, compared to $78 \%$ of ILEC lines. CLECs reported $10.2 \%$ of total residential and small business switched access lines, compared to $6.6 \%$ a year earlier.
- During the second half of 2002, cable-telephony lines increased by $15 \%$ to 3.0 million lines, from 2.6 million. The 3.0 million reported cable-telephony lines constituted about $12 \%$ of switched access lines provided by CLECs and about $2 \%$ of total switched access lines.
- CLECs reported providing about $19 \%$ (a decline from $43 \%$ in December 1999) of their switched access lines by reselling the services of other carriers and about 55\% (an increase from $24 \%$ in December 1999) by means of unbundled network element (UNE) loops leased from other carriers. The remainder of CLEC lines was provided over localloop facilities owned by the CLECs.
- ILECs reported providing about $37 \%$ more UNE loops with switching to other carriers at the end of December 2002 than they reported six months earlier ( 10.2 million compared to 7.5 million) and about $5 \%$ more UNE loops without switching (about 4.3 million compared to 4.1 million).
- At least one CLEC was serving local telephone service end-user customers in $69 \%$ of the nation's zip codes at the end of December 2002, up from 62\% a year earlier. About $94 \%$ of United States households reside in these zip codes. CLECs reported customers in all 50 states, the District of Columbia, and Puerto Rico.

As additional information becomes available, it will be routinely posted on the Commission's Internet site.

The report is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12thStreet, SW, Washington, DC. Copies may be purchased by calling Qualex International at (202) 863-2893. The report can also be downloaded from the FCC-State Link Internet site at www.fcc.gov/wcb/stats.

- FCC -

Wireline Competition Bureau contacts: Industry Analysis and Technology Division at (202) 418-0940, TTY (202) 418-0484.

# Local Telephone Competition: Status as of December 31, 2002 

Industry Analysis and Technology Division Wireline Competition Bureau June 2003



This report is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12th Street, SW, Washington, DC. Copies may be purchased by contacting Qualex International, 445 12th Street, SW, Room CY-B402, Washington, DC 20554, telephone 202-863-2893, facsimile 202-863-2898, or via e-mail qualexint@aol.com. The report can also be downloaded from the FCC-State Link Internet site at www.fcc.gov/wcb/stats.

## Local Telephone Competition: Status as of December 31, 2002

We present here summary statistics of the latest data on local telephone service 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 service competition based on switched access lines in service and state-specific mobile wireless telephone subscribership as of December 31, 2002. ${ }^{1}$

Based on the latest information now available, readers can draw the following broad conclusions:

- Competitive local exchange carriers (CLECs) reported 24.8 million (or $13.2 \%$ ) of the approximately 188 million nationwide end-user switched access lines in service at the end of December 2002, compared to 21.6 million (or $11.4 \%$ of nationwide lines) in June 2002. ${ }^{2}$ This represents a $14 \%$ growth in CLEC market size during the second half of 2002. See Table 1.
- $58 \%$ of switched access lines in service to CLEC end-user customers served residential and small business customers, compared to $78 \%$ of lines in service to incumbent local exchange carrier (ILEC) end-user customers. ${ }^{3}$ See Table 2.

[^0]- CLECs reported providing about $26 \%$ of switched access lines over their own local loop facilities. ${ }^{4}$ To serve the remainder, CLECs resold the services of other carriers or used unbundled network element (UNE) loops that they leased from other carriers. ${ }^{5}$ See Table 3.
- Since December 1999, the percentage of nationwide CLEC switched access lines reported to be provisioned by reselling services has declined steadily, to $19 \%$ at the end of December 2002, and the percentage provisioned over UNE loops has grown, to $55 \%$. See Table 3 and, for data reported for individual states, see Table $10 .{ }^{6}$
- ILECs reported providing about 2.7 million switched access lines to other carriers on a resale basis at the end of December 2002, down from 3.5 million six months earlier. They reported providing 14.5 million unbundled loops (with or without unbundled switching) to other carriers, up from 11.5 million six months earlier. ${ }^{7}$ See Table 4.
- UNE loops provided with ILEC switching (which includes the so-called UNE-Platform) have increased faster than UNE loops provided without switching. ${ }^{8}$ See Table 4.
- Local telephone service was provided over 3.0 million coaxial cable connections at the end of December 2002. These cable-telephony lines constituted about $2 \%$ of nationwide switched access lines in service and about $12 \%$ of such CLEC lines. See Table 5.

[^1]- The Commission's data collection program collates information about CLEC local telephone service lines (and the CLEC share of total local telephone service lines) in individual states. Relatively large numbers of CLEC lines are associated with the more populous states. ${ }^{9}$ With respect to the calculated CLEC share of switched access lines in service, however, some less populous states, such as Rhode Island, New Hampshire, Nebraska, and Utah, had larger CLEC shares than some more populous states, such as California, Florida, and Ohio, as of December 2002. See Tables 6 9.
- The percentage of CLEC switched access lines reported to serve residential and small business customers varies among the states, and is generally lower than the corresponding ILEC percentage. See Table 11.
- At least one CLEC reported switched access lines in service in all 50 states, the District of Columbia, and Puerto Rico. ${ }^{10}$ In 21 states, ten or more CLECs reported serving local telephone service customers. See Table 12.
- By comparison to the roughly 188 million fixed-facility switched access lines in service, ${ }^{11}$ the 85 providers of mobile wireless telephone services that reported information served about 136 million subscribers as of the end of December 2002. ${ }^{12}$ About $5 \%$ of these subscribers received their service via a reseller of mobile wireless telephone service. See Table 13.
- The Commission's data collection program requires CLECs and ILECs to identify each zip code in which the carrier provides local telephone service to at least one end-user customer. ${ }^{13}$ As of December 31, 2002, at least one CLEC was serving customers in $69 \%$ of the nation's zip codes. About $94 \%$ of United States households resided in these zip codes. Moreover, multiple carriers reported providing local telephone service in the major population centers of the country. See Table 14, Table 15, and the map that follows Table 16.

[^2] and Texas, the first and second most populous states, respectively.
${ }^{10}$ Under Section 3(40) of the Communications Act the term state "includes the District of Columbia and the Territories and possessions." 47 U.S.C. § $153(40)$. We note that carriers that have fewer than 10,000 local telephone lines in service in a state are not required to report those lines on FCC Form 477, but may file the data on a voluntary basis. There were 15 voluntary ILEC filings and 21 voluntary CLEC filings of state-specific data as of December 31, 2002. In the course of our seven data collections to date, the number of voluntary ILEC filings has varied between 7 and 15 , and the number of voluntary CLEC filings has varied between 13 and 53 .
${ }^{11}$ Fixed-facility local telephone service includes service provided over wireline or fixed wireless local-loop technology.

[^3]- In Florida and Texas, at least one-quarter of zip codes had ten or more reporting CLECs. By contrast, $7 \%$ of nationwide zip codes had ten or more reporting CLECs. See Table 16.

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 jeisner@fcc.gov,
- Calling the Industry Analysis and Technology Division of the Wireline Competition Bureau at (202) 418-0940, or
- Participating in any formal proceedings undertaken by the Commission to solicit comments for improvement of FCC Form 477.

Table 1
End-User Switched Access Lines Reported

| Date | ILEC Lines | CLEC Lines | Total | CLEC Share |
| ---: | :---: | :---: | :---: | :---: |
| December 1999 | $181,307,695$ | $8,194,243$ | $189,501,938$ | $4.3 \%$ |
| June 2000 | $179,761,930$ | $11,557,381$ | $191,319,311$ | 6.0 |
| December 2000 | $177,641,529$ | $14,871,409$ | $192,512,938$ | 7.7 |
| June 2001 | $174,861,248$ | $17,274,727$ | $192,135,975$ | 9.0 |
| December 2001 | $172,043,582$ | $19,653,441$ | $191,697,023$ | 10.3 |
| June 2002 | $167,472,318$ | $21,644,928$ | $189,117,246$ | 11.4 |
| December 2002 | $162,742,937$ | $24,765,873$ | $187,508,810$ | 13.2 |

Table 2
End-User Switched Access Lines by Customer Type

| Date | Reporting ILECs |  |  | Reporting CLECs |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Residential <br> \& Small <br> Businesses | Other ${ }^{1}$ | \% Residential <br> \& Small <br> Businesses | Residential \& Small Businesses | Other ${ }^{1}$ | \% Residential <br> \& Small <br> Businesses |
| December 1999 | 139,758,434 | 41,549,261 | 77.1 \% | 3,368,702 | 4,825,541 | 41.1 \% |
| June 2000 | 140,635,199 | 39,126,731 | 78.2 | 4,579,501 | 6,977,880 | 39.6 |
| December 2000 | 138,872,415 | 38,769,114 | 78.2 | 6,620,471 | 8,250,938 | 44.5 |
| June 2001 | 134,618,062 | 40,243,186 | 77.0 | 7,793,071 | 9,481,656 | 45.1 |
| December 2001 | 133,421,570 | 38,622,012 | 77.6 | 9,489,049 | 10,164,392 | 48.3 |
| June 2002 | 131,051,178 | 36,421,140 | 78.3 | 11,080,676 | 10,564,252 | 51.2 |
| December 2002 | 127,008,159 | 35,734,778 | 78.0 | 14,361,191 | 10,404,682 | 58.0 |

Note: Some previously published data for December 2000 and June 2001 have been revised.
${ }^{1}$ Medium and large business, institutional, and government customers.

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

| Date | CLECs <br> Reporting | Total EndUser Lines | Acquired From Other Carriers |  |  |  | CLEC-Owned |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Resold <br> Lines | Percent | UNEs ${ }^{1}$ | Percent | Lines ${ }^{2}$ | Percent |
| Dec 1999 | 81 | 8,194 | 3,513 | 42.9 \% | 1,959 | 23.9 \% | 2,723 | 33.2 \% |
| Jun 2000 | 78 | 11,557 | 4,315 | 37.3 | 3,201 | 27.7 | 4,042 | 35.0 |
| Dec 2000 | 89 | 14,871 | 4,114 | 27.7 | 5,540 | 37.3 | 5,217 | 35.1 |
| Jun 2001 | 91 | 17,275 | 3,919 | 22.7 | 7,580 | 43.9 | 5,776 | 33.4 |
| Dec 2001 | 94 | 19,653 | 4,250 | 21.6 | 9,332 | 47.5 | 6,072 | 30.9 |
| Jun 2002 | 96 | 21,645 | 4,478 | 20.7 | 10,930 | 50.5 | 6,236 | 28.8 |
| Dec 2002 | 112 | 24,766 | 4,662 | 18.8 | 13,709 | 55.4 | 6,396 | 25.8 |

Note: Figures may not add to totals due to rounding.
${ }^{1}$ Includes unbundled network element (UNE) loops leased from an unaffiliated carrier on a stand-alone basis and also UNE loops leased in combination with UNE switching or any other unbundled network element.
${ }^{2}$ Lines provided over CLEC-owned "last-mile" facilities.

Table 4
Reporting Incumbent Local Exchange Carriers (End-User Switched Access Lines in Thousands)

| Date ${ }^{1}$ | ILECs <br> Reporting | Total <br> Lines | End-User Lines | Provided to Other Carriers |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Resold <br> Lines | UNEs without Switching | UNEs with Switching | Total UNEs | Total UNEs and Resold Lines | Percent of Total Lines |
| Dec 1997 | 9 | 159,008 | 157,132 | 1,743 |  |  | 133 | 1,876 | 1.2 \% |
| Jun 1998 | 8 | 161,810 | 159,118 | 2,448 |  |  | 244 | 2,692 | 1.7 |
| Dec 1998 | 7 | 164,614 | 161,191 | 3,062 |  |  | 361 | 3,423 | 2.1 |
| Jun 1999 | 7 | 167,177 | 162,909 | 3,583 |  |  | 685 | 4,268 | 2.6 |
| Dec 1999 | 168 | 187,294 | 181,308 | 4,494 | 1,004 | 489 | 1,493 | 5,987 | 3.2 |
| Jun 2000 | 159 | 188,171 | 179,762 | 5,098 | 1,696 | 1,616 | 3,312 | 8,409 | 4.5 |
| Dec 2000 | 166 | 188,304 | 177,642 | 5,388 | 2,436 | 2,838 | 5,274 | 10,662 | 5.7 |
| Jun 2001 | 156 | 187,208 | 174,861 | 4,424 | 3,162 | 4,761 | 7,923 | 12,347 | 6.6 |
| Dec 2001 | 164 | 185,517 | 172,044 | 4,014 | 3,679 | 5,781 | 9,460 | 13,474 | 7.3 |
| Jun 2002 | 166 | 182,487 | 167,472 | 3,475 | 4,061 | 7,478 | 11,540 | 15,015 | 8.2 |
| Dec 2002 | 174 | 179,971 | 162,743 | 2,744 | 4,259 | 10,225 | 14,484 | 17,228 | 9.6 |

[^4]Table 5
End-User Switched Access Lines by Type of Technology, in Thousands
(As of December 31, 2002)

| Technology | ILECs |  | CLECs |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lines | Percent | Lines | Percent | Lines | Percent |
| Coaxial Cable | * | $0 \%$ | 2,988 | 12 \% | 2,988 | $2 \%$ |
| All Other | 162,743 | 100 | 21,778 | 88 | 184,521 | 98 |
| Total | 162,743 | 100 \% | 24,766 | 100 | 187,509 | 100 \% |

Note: Figures may not add to totals due to rounding.

* Data withheld to maintain firm confidentiality. Reported coaxial cable lines represent less than $0.35 \%$ of ILEC lines. Coaxial cable lines are included in "all other" line totals for ILECs.

Table 6
End-User Switched Access Lines Served by Reporting Local Exchange Carriers (As of December 31, 2002)

|  | ILECs | CLECs | Total | CLEC Share |
| :---: | :---: | :---: | :---: | :---: |
| Alabama | 2,238,352 | 187,320 | 2,425,672 | 8 \% |
| Alaska | 466,880 | * | * | * |
| Arizona | 2,878,210 | 400,080 | 3,278,290 | 12 |
| Arkansas | 1,257,291 | 144,411 | 1,401,702 | 10 |
| California | 21,475,881 | 2,698,705 | 24,174,586 | 11 |
| Colorado | 2,642,166 | 482,014 | 3,124,180 | 15 |
| Connecticut | 2,263,446 | 236,462 | 2,499,908 | 9 |
| Delaware | 525,447 | * | * | * |
| District of Columbia | 831,920 | 160,174 | 992,094 | 16 |
| Florida | 10,406,129 | 1,495,132 | 11,901,261 | 13 |
| Georgia | 4,423,324 | 780,970 | 5,204,294 | 15 |
| Hawaii | 723,111 | * | * | * |
| Idaho | 700,089 | * | * | * |
| Illinois | 6,994,127 | 1,602,482 | 8,596,609 | 19 |
| Indiana | 3,459,873 | 284,532 | 3,744,405 | 8 |
| Iowa | 1,329,633 | 201,176 | 1,530,809 | 13 |
| Kansas | 1,236,051 | 258,312 | 1,494,363 | 17 |
| Kentucky | 2,100,313 | 92,483 | 2,192,796 | 4 |
| Louisiana | 2,353,620 | 188,652 | 2,542,272 | 7 |
| Maine | 750,749 | * | * | * |
| Maryland | 3,502,515 | 285,416 | 3,787,931 | 8 |
| Massachusetts | 3,750,998 | 750,473 | 4,501,471 | 17 |
| Michigan | 5,174,471 | 1,362,217 | 6,536,688 | 21 |
| Minnesota | 2,708,221 | 572,708 | 3,280,929 | 17 |
| Mississippi | 1,277,168 | 74,410 | 1,351,578 | 6 |
| Missouri | 3,145,872 | 336,895 | 3,482,767 | 10 |
| Montana | 509,979 | * | * | * |
| Nebraska | 828,394 | 177,698 | 1,006,092 | 18 |
| Nevada | 1,348,042 | 163,520 | 1,511,562 | 11 |
| New Hampshire | 723,653 | 125,893 | 849,546 | 15 |
| New Jersey | 5,883,106 | 682,249 | 6,565,355 | 10 |
| New Mexico | 965,816 | * | * | * |
| New York | 9,646,157 | 3,190,192 | 12,836,349 | 25 |
| North Carolina | 4,824,385 | 405,853 | 5,230,238 | 8 |
| North Dakota | 293,639 | * | * | * |
| Ohio | 6,405,570 | 652,104 | 7,057,674 | 9 |
| Oklahoma | 1,726,359 | 207,798 | 1,934,157 | 11 |
| Oregon | 1,955,544 | 183,319 | 2,138,863 | 9 |
| Pennsylvania | 7,167,204 | 1,405,894 | 8,573,098 | 16 |
| Puerto Rico | 1,276,493 | * | * | * |
| Rhode Island | 526,143 | 145,202 | 671,345 | 22 |
| South Carolina | 2,210,548 | 161,121 | 2,371,669 | 7 |
| South Dakota | 309,173 | * | * | * |
| Tennessee | 3,147,556 | 326,663 | 3,474,219 | 9 |
| Texas | 10,766,127 | 2,182,929 | 12,949,056 | 17 |
| Utah | 1,075,061 | 194,352 | 1,269,413 | 15 |
| Vermont | 383,758 | * | * | * |
| Virgin Islands | 71,894 | * | * | * |
| Virginia | 4,262,823 | 639,330 | 4,902,153 | 13 |
| Washington | 3,553,994 | 406,750 | 3,960,744 | 10 |
| West Virginia | 950,564 | * | * | * |
| Wisconsin | 3,063,426 | 477,915 | 3,541,341 | 13 |
| Wyoming | 251,672 | * | * | * |
| Nationwide | 162,742,937 | 24,765,873 | 187,508,810 | $13 \%$ |

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

* Data withheld to maintain firm confidentiality.

Table 7
Competitive Local Exchange Carrier Share of End-User Switched Access Lines

|  | Dec 1999 | Jun 2000 | Dec 2000 | Jun 2001 | Dec 2001 | Jun 2002 | Dec 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 5 \% | 3 \% | 4 \% | 5 \% | 5 \% | 5 \% | 8 \% |
| Alaska | * |  | * | * | * | * | * |
| Arizona | * | 5 | 5 | 7 | 9 | 11 | 12 |
| Arkansas | * | * | * | * | * | * | 10 |
| California | 4 | 5 | 6 | 7 | 8 | 9 | 11 |
| Colorado | 5 | 7 | 9 | 10 | 13 | 14 | 15 |
| Connecticut | 3 | 5 | 6 | 7 | 7 | 9 | 9 |
| Delaware | * | * | * | 0 | 0 | * | * |
| District of Columbia | 7 | 7 | 9 | 12 | 13 | 16 | 16 |
| Florida | 6 | 6 | 6 | 7 | 7 | 9 | 13 |
| Georgia | 5 | 6 | 8 | 10 | 11 | 13 | 15 |
| Hawaii | * | * | 0 | * | * | * | * |
| Idaho | 0 | 0 | * | * | * | * | * |
| Illinois | 5 | 7 | 9 | 13 | 15 | 17 | 19 |
| Indiana | 3 | 4 | 5 | 5 | 5 | 7 | 8 |
| Iowa | * | 9 | 11 | 11 | 12 | 12 | 13 |
| Kansas | * | 5 | 7 | 8 | 9 | 12 | 17 |
| Kentucky | 2 | * | 3 | * | * | * | 4 |
| Louisiana | 3 | 2 | 3 | 4 | 4 | 5 | 7 |
| Maine | * | * | * | * | * | * |  |
| Maryland | 2 | 3 | 4 | 6 | 4 | 6 | 8 |
| Massachusetts | 6 | 8 | 11 | 12 | 15 | 16 | 17 |
| Michigan | 3 | 5 | 6 | 9 | 13 | 18 | 21 |
| Minnesota | 6 | 7 | 9 | 11 | 13 | 14 | 17 |
| Mississippi | 4 | * | 4 | 4 | 3 | 2 | 6 |
| Missouri | 3 | 5 | 6 | 6 | 7 | 8 | 10 |
| Montana | * | * | * | * | * | * | * |
| Nebraska | * | * | * | * | 12 | 16 | 18 |
| Nevada | * | * | * | 10 | * | * | 11 |
| New Hampshire | * | * | 6 | 8 | 10 | 13 | 15 |
| New Jersey | * | 4 | 5 | 4 | 5 | 6 | 10 |
| New Mexico | * | * | * | * | * | * | * |
| New York | 9 | 16 | 20 | 23 | 25 | 25 | 25 |
| North Carolina | 3 | 4 | 4 | 6 | 6 | 6 | 8 |
| North Dakota | * | * | * | * | * | * |  |
| Ohio | 4 | 4 | 4 | 4 | 5 | 7 | 9 |
| Oklahoma | * | * | 5 | 6 | 8 | 10 | 11 |
| Oregon | 2 | 3 | 4 | 5 | 7 | 7 | 9 |
| Pennsylvania | 5 | 8 | 10 | 13 | 14 | 15 | 16 |
| Puerto Rico | 0 | * | * | * | * | * | * |
| Rhode Island | * | * | * | 10 | 16 | 18 | 22 |
| South Carolina | * | * | 4 | 4 | 3 | 5 | 7 |
| South Dakota | * | * | * | * | * | * | - |
| Tennessee | 4 | 6 | 6 | 8 | 8 | 7 | 9 |
| Texas | 4 | 7 | 13 | 14 | 16 | 16 | 17 |
| Utah | 3 | 6 | 10 | 11 | 13 | 13 | 15 |
| Vermont | * | * | * | * | * | * | * |
| Virgin Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 2 | 5 | 7 | 9 | 11 | 12 | 13 |
| Washington | 4 | 5 | 6 | 6 | 8 | 9 | 10 |
| West Virginia | * | * | * | * | * | * | * |
| Wisconsin | 5 | 7 | 8 | 9 | 11 | 12 | 13 |
| Wyoming | * | * | * | * | * | * | * |
| Nationwide | 4 \% | 6 \% | $8 \%$ | $9 \%$ | $10 \%$ | $11 \%$ | 13 \% |

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

* Data withheld to maintain firm confidentiality.

Table 8
End-User Switched Access Lines Served by Reporting Competitive Local Exchange Carriers

|  | Dec 1999 | Jun 2000 | Dec 2000 | Jun 2001 | Dec 2001 | Jun 2002 | Dec 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 131,357 | 78,525 | 104,933 | 121,059 | 117,159 | 118,721 | 187,320 |
| Alaska | * | * | * | * | * | * | * |
| Arizona | * | 155,657 | 165,597 | 231,777 | 310,517 | 354,592 | 400,080 |
| Arkansas | * | * | * | * | * | * | 144,411 |
| California | 1,027,200 | 1,317,414 | 1,498,146 | 1,668,232 | 2,003,404 | 2,158,878 | 2,698,705 |
| Colorado | 141,135 | 204,608 | 286,955 | 325,983 | 391,257 | 434,125 | 482,014 |
| Connecticut | 86,385 | 136,086 | 154,349 | 164,379 | 187,450 | 222,815 | 236,462 |
| Delaware | * | * | * | 0 | 0 | * | * |
| District of Columbia | 77,865 | 72,696 | 94,850 | 124,630 | 126,461 | 161,114 | 160,174 |
| Florida | 681,382 | 670,714 | 718,157 | 864,892 | 866,809 | 1,035,417 | 1,495,132 |
| Georgia | 254,672 | 327,881 | 462,392 | 515,730 | 600,087 | 704,651 | 780,970 |
| Hawaii | * | * | 0 | * | * | * | * |
| Idaho | 0 | 0 | * | * | * | * | * |
| Illinois | 443,936 | 590,208 | 803,492 | 1,113,112 | 1,341,060 | 1,468,057 | 1,602,482 |
| Indiana | 96,091 | 156,280 | 191,921 | 180,221 | 205,845 | 252,722 | 284,532 |
| Iowa | * | 140,706 | 164,069 | 164,637 | 186,254 | 190,869 | 201,176 |
| Kansas | * | 84,823 | 106,686 | 121,294 | 145,659 | 176,322 | 258,312 |
| Kentucky | 45,522 | * | 56,392 | * | * | * | 92,483 |
| Louisiana | 71,206 | 57,617 | 69,437 | 108,820 | 93,107 | 115,220 | 188,652 |
| Maine | * | * | * | * | * | * | * |
| Maryland | 79,173 | 131,272 | 160,126 | 211,499 | 158,999 | 232,793 | 285,416 |
| Massachusetts | 277,476 | 384,548 | 509,731 | 576,442 | 669,209 | 736,932 | 750,473 |
| Michigan | 208,980 | 349,703 | 366,305 | 583,653 | 865,182 | 1,211,379 | 1,362,217 |
| Minnesota | 202,675 | 230,789 | 287,660 | 353,245 | 394,310 | 443,739 | 572,708 |
| Mississippi | 57,914 | * | 63,515 | 51,496 | 43,578 | 22,966 | 74,410 |
| Missouri | 113,347 | 178,377 | 203,537 | 224,442 | 262,947 | 279,342 | 336,895 |
| Montana | * | * | * | * | * | * | * |
| Nebraska | * | * | * | * | 144,229 | 159,617 | 177,698 |
| Nevada | * | * | * | 144,453 | * | * | 163,520 |
| New Hampshire | * | * | 52,137 | 67,315 | 85,549 | 109,610 | 125,893 |
| New Jersey | * | 294,690 | 323,680 | 300,594 | 330,005 | 396,865 | 682,249 |
| New Mexico | * | * | * | * | * | * | * |
| New York | 1,191,446 | 2,157,618 | 2,769,814 | 3,138,133 | 3,353,394 | 3,259,221 | 3,190,192 |
| North Carolina | 166,473 | 187,253 | 230,733 | 323,594 | 302,044 | 328,715 | 405,853 |
| North Dakota | * | * | * | * | * | * | * |
| Ohio | 262,159 | 255,267 | 308,213 | 280,088 | 352,811 | 510,623 | 652,104 |
| Oklahoma | * | * | 102,456 | 125,912 | 160,186 | 203,028 | 207,798 |
| Oregon | 47,239 | 58,699 | 99,326 | 118,425 | 153,084 | 154,492 | 183,319 |
| Pennsylvania | 412,761 | 671,437 | 870,618 | 1,122,623 | 1,186,897 | 1,329,357 | 1,405,894 |
| Puerto Rico | 0 | * | * | * | * | * | * |
| Rhode Island | * | * | * | 69,237 | 108,190 | 119,112 | 145,202 |
| South Carolina | * | * | 89,255 | 90,241 | 72,035 | 121,331 | 161,121 |
| South Dakota | * | * | * | * | * | * | * |
| Tennessee | 129,987 | 200,721 | 222,917 | 272,211 | 268,222 | 247,056 | 326,663 |
| Texas | 586,111 | 998,326 | 1,764,676 | 1,891,131 | 2,166,033 | 2,170,914 | 2,182,929 |
| Utah | 34,351 | 79,034 | 129,834 | 145,603 | 155,992 | 161,193 | 194,352 |
| Vermont | * | * | * | * | * | * | * |
| Virgin Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 88,431 | 228,271 | 336,826 | 402,528 | 537,753 | 558,206 | 639,330 |
| Washington | 138,449 | 184,353 | 240,514 | 229,693 | 336,230 | 358,933 | 406,750 |
| West Virginia | * | * | * | * | * | * | * |
| Wisconsin | 177,336 | 244,373 | 278,087 | 322,735 | 367,195 | 420,200 | 477,915 |
| Wyoming | * | * | * | * | * | * | * |
| Nationwide | 8,194,243 | 11,557,381 | 14,871,409 | 17,274,727 | 19,653,441 | 21,644,928 | 24,765,873 |

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

Table 9
End-User Switched Access Lines Served by Reporting Incumbent Local Exchange Carriers

|  | Dec 1999 | Jun 2000 | Dec 2000 | Jun 2001 | Dec 2001 | Jun 2002 | Dec 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 2,360,023 | 2,456,101 | 2,424,197 | 2,413,440 | 2,381,574 | 2,330,940 | 2,238,352 |
| Alaska | 460,425 | 486,337 | 481,684 | 474,215 | 462,804 | 484,065 | 466,880 |
| Arizona | 3,006,276 | 3,051,648 | 3,073,779 | 3,062,586 | 2,981,156 | 2,947,967 | 2,878,210 |
| Arkansas | 1,396,981 | 1,422,736 | 1,420,169 | 1,412,863 | 1,363,454 | 1,304,659 | 1,257,291 |
| California | 23,198,657 | 23,436,793 | 23,250,580 | 23,103,077 | 22,771,976 | 22,315,423 | 21,475,881 |
| Colorado | 2,873,169 | 2,887,311 | 2,833,948 | 2,805,532 | 2,727,654 | 2,717,320 | 2,642,166 |
| Connecticut | 2,416,300 | 2,438,119 | 2,382,208 | 2,363,687 | 2,329,716 | 2,305,082 | 2,263,446 |
| Delaware | 581,714 | 570,331 | 555,913 | 567,381 | 552,331 | 537,498 | 525,447 |
| District of Columbia | 994,975 | 914,716 | 922,531 | 887,590 | 865,008 | 829,592 | 831,920 |
| Florida | 11,090,801 | 11,365,772 | 11,349,981 | 11,211,674 | 11,019,972 | 10,603,872 | 10,406,129 |
| Georgia | 4,869,774 | 5,032,360 | 4,988,949 | 4,905,002 | 4,723,842 | 4,604,834 | 4,423,324 |
| Hawaii | 736,080 | 737,255 | 744,205 | 739,979 | 735,459 | 729,239 | 723,111 |
| Idaho | 709,210 | 724,440 | 733,580 | 732,814 | 706,991 | 707,180 | 700,089 |
| Illinois | 8,040,394 | 7,990,635 | 7,875,563 | 7,558,613 | 7,578,706 | 7,322,494 | 6,994,127 |
| Indiana | 3,559,946 | 3,597,365 | 3,574,414 | 3,576,710 | 3,637,893 | 3,542,715 | 3,459,873 |
| Iowa | 1,439,574 | 1,414,622 | 1,387,746 | 1,379,872 | 1,356,643 | 1,357,155 | 1,329,633 |
| Kansas | 1,543,799 | 1,533,755 | 1,498,636 | 1,441,940 | 1,397,937 | 1,324,804 | 1,236,051 |
| Kentucky | 2,126,249 | 2,173,716 | 2,166,664 | 2,170,191 | 2,173,958 | 2,141,611 | 2,100,313 |
| Louisiana | 2,423,524 | 2,515,485 | 2,506,348 | 2,505,961 | 2,440,988 | 2,428,935 | 2,353,620 |
| Maine | 822,990 | 818,979 | 804,652 | 801,649 | 764,536 | 768,216 | 750,749 |
| Maryland | 3,932,708 | 3,760,409 | 3,802,622 | 3,599,027 | 3,660,869 | 3,488,961 | 3,502,515 |
| Massachusetts | 4,580,383 | 4,313,988 | 4,252,502 | 4,131,520 | 3,931,469 | 3,804,513 | 3,750,998 |
| Michigan | 6,287,424 | 6,363,024 | 6,262,696 | 6,027,730 | 5,965,971 | 5,498,139 | 5,174,471 |
| Minnesota | 2,926,177 | 2,935,154 | 2,940,034 | 2,861,684 | 2,698,867 | 2,804,937 | 2,708,221 |
| Mississippi | 1,288,847 | 1,355,932 | 1,352,284 | 1,356,136 | 1,332,389 | 1,332,853 | 1,277,168 |
| Missouri | 3,464,118 | 3,508,475 | 3,418,983 | 3,446,252 | 3,328,130 | 3,262,072 | 3,145,872 |
| Montana | 530,884 | 514,992 | 529,878 | 527,989 | 521,550 | 514,353 | 509,979 |
| Nebraska | 946,718 | 1,010,682 | 949,217 | 931,979 | 1,030,125 | 867,474 | 828,394 |
| Nevada | 1,331,122 | 1,341,786 | 1,353,193 | 1,366,124 | 1,352,724 | 1,351,282 | 1,348,042 |
| New Hampshire | 861,976 | 813,919 | 805,143 | 775,864 | 758,515 | 741,553 | 723,653 |
| New Jersey | 6,867,616 | 6,705,441 | 6,747,131 | 6,707,243 | 6,482,459 | 6,226,079 | 5,883,106 |
| New Mexico | 940,489 | 947,809 | 957,195 | 977,439 | 965,946 | 969,763 | 965,816 |
| New York | 12,675,692 | 11,532,265 | 10,952,903 | 10,689,293 | 10,223,476 | 9,806,596 | 9,646,157 |
| North Carolina | 4,922,110 | 5,136,006 | 5,133,984 | 5,040,317 | 5,023,740 | 4,942,113 | 4,824,385 |
| North Dakota | 357,062 | 354,945 | 317,270 | 312,573 | 306,963 | 303,326 | 293,639 |
| Ohio | 6,904,938 | 6,944,806 | 6,922,773 | 6,876,434 | 6,967,603 | 6,705,911 | 6,405,570 |
| Oklahoma | 2,008,819 | 1,983,894 | 1,950,618 | 1,923,027 | 1,873,489 | 1,822,278 | 1,726,359 |
| Oregon | 2,104,982 | 2,119,998 | 2,109,510 | 2,079,221 | 2,043,164 | 2,005,347 | 1,955,544 |
| Pennsylvania | 8,474,914 | 8,200,347 | 8,012,115 | 7,818,599 | 7,524,072 | 7,288,959 | 7,167,204 |
| Puerto Rico | 1,294,962 | 1,288,076 | 1,299,291 | 1,300,665 | 1,288,439 | 1,288,718 | 1,276,493 |
| Rhode Island | 676,212 | 639,438 | 627,784 | 604,128 | 570,513 | 547,728 | 526,143 |
| South Carolina | 2,222,641 | 2,234,165 | 2,314,649 | 2,239,383 | 2,276,681 | 2,253,384 | 2,210,548 |
| South Dakota | 353,816 | 353,073 | 309,349 | 338,834 | 327,150 | 314,755 | 309,173 |
| Tennessee | 3,322,220 | 3,419,317 | 3,412,145 | 3,352,224 | 3,289,154 | 3,232,548 | 3,147,556 |
| Texas | 12,601,936 | 12,349,899 | 11,892,768 | 11,496,247 | 11,365,441 | 11,006,831 | 10,766,127 |
| Utah | 1,197,043 | 1,207,581 | 1,174,625 | 1,149,667 | 1,086,537 | 1,090,791 | 1,075,061 |
| Vermont | 404,836 | 377,987 | 400,929 | 399,084 | 388,399 | 383,917 | 383,758 |
| Virgin Islands | 66,701 | 69,063 | 0 | 70,426 | 70,784 | 71,984 | 71,894 |
| Virginia | 4,853,301 | 4,184,850 | 4,317,626 | 4,203,412 | 4,436,193 | 4,276,468 | 4,262,823 |
| Washington | 3,811,920 | 3,837,744 | 3,784,183 | 3,751,683 | 3,635,702 | 3,622,857 | 3,553,994 |
| West Virginia | 1,004,031 | 910,992 | 927,432 | 980,575 | 967,218 | 940,483 | 950,564 |
| Wisconsin | 3,184,664 | 3,239,809 | 3,178,516 | 3,151,854 | 3,121,462 | 3,145,341 | 3,063,426 |
| Wyoming | 255,572 | 237,588 | 256,434 | 259,839 | 255,790 | 256,403 | 251,672 |
| Nationwide | 181,307,695 | 179,761,930 | 177,641,529 | 174,861,248 | 172,043,582 | 167,472,318 | 162,742,937 |

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

Table 10
CLEC-Reported End-User Switched Access Lines by State (As of December 31, 2002)

|  | CLEC-Owned | UNEs | Resold Lines | Total |
| :---: | :---: | :---: | :---: | :---: |
| Alabama | 21,176 | 139,621 | 26,523 | 187,320 |
| Alaska | * | * | * | * |
| Arizona | 211,434 | 77,745 | 110,900 | 400,080 |
| Arkansas | 48,980 | 94,287 | 1,144 | 144,411 |
| California | 891,032 | 1,281,292 | 526,380 | 2,698,705 |
| Colorado | 206,564 | 153,730 | 121,720 | 482,014 |
| Connecticut | 105,045 | 42,112 | 89,305 | 236,462 |
| Delaware | * | * | * | * |
| District of Columbia | 66,501 | 47,269 | 46,404 | 160,174 |
| Florida | 329,644 | 848,818 | 316,670 | 1,495,132 |
| Georgia | 169,542 | 454,910 | 156,518 | 780,970 |
| Hawaii | * | * | * | * |
| Idaho | * | * | * | * |
| Illinois | 445,905 | 933,020 | 223,558 | 1,602,482 |
| Indiana | 72,492 | 158,277 | 53,764 | 284,532 |
| Iowa | 37,169 | 144,002 | 20,005 | 201,176 |
| Kansas | 46,320 | 190,189 | 21,804 | 258,312 |
| Kentucky | 49,664 | 26,419 | 16,400 | 92,483 |
| Louisiana | 37,556 | 93,663 | 57,433 | 188,652 |
| Maine | * | * | * | * |
| Maryland | 23,775 | 173,784 | 87,856 | 285,416 |
| Massachusetts | 366,002 | 161,145 | 223,327 | 750,473 |
| Michigan | 104,222 | 1,153,763 | 104,232 | 1,362,217 |
| Minnesota | 152,622 | 307,615 | 112,471 | 572,708 |
| Mississippi | * | 60,685 | * | 74,410 |
| Missouri | 70,135 | 203,593 | 63,167 | 336,895 |
| Montana | * | * | * | * |
| Nebraska | 115,096 | 32,582 | 30,020 | 177,698 |
| Nevada | 35,092 | 92,248 | 36,180 | 163,520 |
| New Hampshire | 59,408 | 45,913 | 20,572 | 125,893 |
| New Jersey | 78,556 | 410,070 | 193,623 | 682,249 |
| New Mexico | * | * | * | * |
| New York | 441,461 | 2,152,342 | 596,389 | 3,190,192 |
| North Carolina | 76,689 | 190,791 | 138,373 | 405,853 |
| North Dakota | * | * | * | * |
| Ohio | 82,924 | 468,521 | 100,660 | 652,104 |
| Oklahoma | 114,344 | 72,228 | 21,226 | 207,798 |
| Oregon | 45,312 | 99,339 | 38,668 | 183,319 |
| Pennsylvania | 538,401 | 612,095 | 255,398 | 1,405,894 |
| Puerto Rico | * | * | * | * |
| Rhode Island | 90,159 | 44,184 | 10,859 | 145,202 |
| South Carolina | 9,637 | 98,473 | 53,011 | 161,121 |
| South Dakota | * | * | * | * |
| Tennessee | 100,380 | 153,049 | 73,234 | 326,663 |
| Texas | 426,168 | 1,467,770 | 288,992 | 2,182,929 |
| Utah | 91,263 | 49,498 | 53,591 | 194,352 |
| Vermont | * | * | * | * |
| Virgin Islands | * | * | * | * |
| Virginia | 275,228 | 288,416 | 75,685 | 639,330 |
| Washington | 178,293 | 118,203 | 110,253 | 406,750 |
| West Virginia | * | * | * | * |
| Wisconsin | 46,087 | 351,822 | 80,007 | 477,915 |
| Wyoming | * | * | * | * |
| Nationwide | 6,395,815 | 13,708,524 | 4,661,533 | 24,765,873 |

* Data withheld to maintain firm confidentiality.

Table 11
Percentage of Lines Provided to Residential and Small Business Customers (As of December 31, 2002)

|  | ILECs | CLECs | Total |
| :---: | :---: | :---: | :---: |
| Alabama | 83 \% | 52 \% | 81\% |
| Alaska | 81 | * | * |
| Arizona | 78 | 55 | 75 |
| Arkansas | 88 | 56 | 84 |
| California | 81 | 58 | 79 |
| Colorado | 79 | 66 | 77 |
| Connecticut | 87 | 43 | 83 |
| Delaware | 70 | * | * |
| District of Columbia | 33 | 25 | 32 |
| Florida | 83 | 48 | 79 |
| Georgia | 78 | 58 | 75 |
| Hawaii | 82 | * | * |
| Idaho | 78 | * | * |
| Illinois | 71 | 74 | 72 |
| Indiana | 76 | 53 | 75 |
| Iowa | 79 | 87 | 80 |
| Kansas | 87 | 71 | 84 |
| Kentucky | 81 | 54 | 80 |
| Louisiana | 81 | 61 | 79 |
| Maine | 81 | * | * |
| Maryland | 67 | 49 | 66 |
| Massachusetts | 69 | 53 | 66 |
| Michigan | 72 | 71 | 72 |
| Minnesota | 80 | 47 | 74 |
| Mississippi | 82 | 83 | 82 |
| Missouri | 86 | 58 | 83 |
| Montana | 80 | * | * |
| Nebraska | 74 | 69 | 73 |
| Nevada | 75 | 24 | 70 |
| New Hampshire | 77 | 57 | 74 |
| New Jersey | 69 | 57 | 68 |
| New Mexico | 80 | * | * |
| New York | 69 | 64 | 67 |
| North Carolina | 82 | 22 | 77 |
| North Dakota | 80 | * | * |
| Ohio | 77 | 56 | 75 |
| Oklahoma | 87 | 53 | 83 |
| Oregon | 81 | 54 | 79 |
| Pennsylvania | 75 | 46 | 71 |
| Puerto Rico | 94 | * | * |
| Rhode Island | 72 | 70 | 72 |
| South Carolina | 82 | 37 | 79 |
| South Dakota | 75 | * | * |
| Tennessee | 83 | 26 | 78 |
| Texas | 86 | 60 | 82 |
| Utah | 76 | 63 | 74 |
| Vermont | 76 | * | * |
| Virgin Islands | 99 | NA | 99 |
| Virginia | 70 | 70 | 70 |
| Washington | 80 | 46 | 76 |
| West Virginia | 77 | * | * |
| Wisconsin | 78 | 56 | 75 |
| Wyoming | 76 | * | * |
| Nationwide | 78 \% | 58 \% | 75 \% |

NA - Not applicable.

* Data withheld to maintain firm confidentiality.

Table 12
Number of Reporting Local Exchange Carriers
(As of December 31, 2002)

|  | ILECs | CLECs | Total |
| :---: | :---: | :---: | :---: |
| Alabama | 8 | 7 | 15 |
| Alaska | 5 | 2 | 7 |
| Arizona | 3 | 11 | 14 |
| Arkansas | 4 | 4 | 8 |
| California | 7 | 19 | 26 |
| Colorado | 3 | 11 | 14 |
| Connecticut | 2 | 9 | 11 |
| Delaware | 1 | 3 | 4 |
| District of Columbia | 1 | 7 | 8 |
| Florida | 8 | 24 | 32 |
| Georgia | 12 | 18 | 30 |
| Hawaii | 1 | 1 | 2 |
| Idaho | 4 | 2 | 6 |
| Illinois | 6 | 16 | 22 |
| Indiana | 6 | 7 | 13 |
| Iowa | 7 | 7 | 14 |
| Kansas | 5 | 9 | 14 |
| Kentucky | 11 | 7 | 18 |
| Louisiana | 6 | 11 | 17 |
| Maine | 6 | 3 | 9 |
| Maryland | 2 | 8 | 10 |
| Massachusetts | 1 | 10 | 11 |
| Michigan | 6 | 15 | 21 |
| Minnesota | 19 | 15 | 34 |
| Mississippi | 5 | 6 | 11 |
| Missouri | 6 | 12 | 18 |
| Montana | 7 | 3 | 10 |
| Nebraska | 6 | 4 | 10 |
| Nevada | 7 | 7 | 14 |
| New Hampshire | 4 | 6 | 10 |
| New Jersey | 2 | 10 | 12 |
| New Mexico | 4 | 2 | 6 |
| New York | 7 | 21 | 28 |
| North Carolina | 15 | 14 | 29 |
| North Dakota | 8 | 2 | 10 |
| Ohio | 9 | 16 | 25 |
| Oklahoma | 10 | 9 | 19 |
| Oregon | 8 | 6 | 14 |
| Pennsylvania | 9 | 20 | 29 |
| Puerto Rico | 1 | 1 | 2 |
| Rhode Island | 1 | 5 | 6 |
| South Carolina | 14 | 10 | 24 |
| South Dakota | 8 | 3 | 11 |
| Tennessee | 13 | 11 | 24 |
| Texas | 14 | 29 | 43 |
| Utah | 6 | 7 | 13 |
| Vermont | 4 | 2 | 6 |
| Virgin Islands | 1 | 0 | 1 |
| Virginia | 5 | 14 | 19 |
| Washington | 7 | 11 | 18 |
| West Virginia | 2 | 2 | 4 |
| Wisconsin | 10 | 8 | 18 |
| Wyoming | 2 | 1 | 3 |
| Nationwide - Unduplicated | 174 | 112 | 286 |
| Total State Filings ${ }^{1}$ | 329 | 468 | 797 |
| Required Filings ${ }^{1}$ | 314 | 447 | 761 |
| Voluntary Filings ${ }^{1}$ | 15 | 21 | 36 |

${ }^{1}$ Each report represents all of a company's operations in a given state. Carriers with both ILEC and CLEC operations in the same state provide separate reports.

Table 13
Mobile Wireless Telephone Subscribers ${ }^{1}$

|  | Dec 2002 Dec 2002 <br> Reporting Percent <br> Carriers $^{1}$ Resold $^{2}$ |  |  |  |  | Subscribers |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Dec 1999 | Jun 2000 | Dec 2000 | Jun 2001 | Dec 2001 | Jun 2002 | Dec 2002 | Dec 01 - Dec 02 |
| Alabama | 11 | $6 \%$ | 1,080,410 | 1,253,084 | 1,386,294 | 1,930,631 | 1,924,476 | 1,955,223 | 1,937,956 | $1 \%$ |
| Alaska | 4 | 8 | 165,221 | 169,892 | * | 218,424 | 240,216 | 242,133 | 267,630 | 11 |
| Arizona | 13 | 3 | 1,125,321 | 1,624,668 | 1,855,115 | 2,018,410 | 2,171,021 | 2,412,998 | 2,520,058 | 16 |
| Arkansas | 7 | 3 | 719,919 | 715,467 | 743,928 | 891,275 | 970,127 | 1,130,302 | 1,148,493 | 18 |
| California | 16 | 4 | 8,544,941 | 12,283,369 | 12,710,520 | 14,184,625 | 14,997,358 | 15,875,264 | 17,406,588 | 16 |
| Colorado | 9 | 2 | 1,552,718 | 1,654,989 | 1,856,075 | 1,983,405 | 2,145,816 | 2,247,166 | 2,358,748 | 10 |
| Connecticut | 6 | 3 | 1,077,089 | 1,136,618 | 1,277,123 | 1,418,367 | 1,616,937 | 1,558,076 | 1,665,314 | 3 |
| Delaware | 5 | 2 | 270,848 | 275,219 | 371,014 | 389,284 | 412,611 | 433,049 | 437,149 | 6 |
| Dist. of Columbia ${ }^{3}$ | 6 | 7 | 346,681 | 333,815 | 354,735 | 382,457 | 404,489 | 415,393 | 471,508 | 17 |
| Florida | 11 | 8 | 5,158,079 | 4,983,478 | 6,369,985 | 7,536,670 | 8,521,734 | 8,139,321 | 8,646,145 | 1 |
| Georgia | 14 | 6 | 2,538,983 | 2,687,238 | 2,754,784 | 4,076,119 | 4,020,010 | 4,171,843 | 4,390,786 | 9 |
| Guam | * | * | , | - | 0 | , |  |  | * | NA |
| Hawaii | 6 | 1 | 288,425 | 454,364 | 524,291 | 543,283 | 595,721 | 640,246 | 689,573 | 16 |
| Idaho | 10 | 8 | 271,436 | 296,066 | 344,564 | 398,781 | 444,864 | 500,693 | 536,064 | 21 |
| Illinois | 10 | 5 | 3,922,482 | 4,309,660 | 5,143,767 | 5,621,044 | 5,631,172 | 5,406,664 | 6,401,620 | 14 |
| Indiana | 8 | 7 | 1,318,975 | 1,717,378 | 1,715,074 | 1,781,247 | 1,897,049 | 1,999,451 | 2,355,785 | 24 |
| Iowa | 12 | 9 | 774,773 | 975,629 | 832,106 | 861,382 | 1,087,608 | 1,157,580 | 1,239,384 | 14 |
| Kansas | 12 | 3 | 669,472 | 724,024 | 801,293 | 901,225 | 956,050 | 1,061,154 | 1,113,429 | 16 |
| Kentucky | 10 | 6 | 911,700 | 999,544 | 1,026,334 | 1,176,756 | 1,307,988 | 1,402,802 | 1,393,060 | 7 |
| Louisiana | 10 | 11 | 1,227,106 | 1,294,693 | 1,306,457 | 1,677,292 | 1,838,244 | 2,086,529 | 2,107,123 | 15 |
| Maine | 5 | 1 | 187,003 | 283,640 | 359,786 | 399,616 | 427,313 | 457,835 | 466,896 | 9 |
| Maryland ${ }^{3}$ | 8 | 2 | 1,634,625 | 2,013,058 | 2,298,651 | 2,446,818 | 2,614,216 | 2,684,441 | 2,909,412 | 11 |
| Massachusetts | 6 | 2 | 1,892,014 | 2,228,169 | 2,649,130 | 2,753,685 | 2,988,667 | 3,274,877 | 3,360,493 | 12 |
| Michigan | 14 | 7 | 3,512,813 | 3,423,535 | 3,551,719 | 4,071,091 | 4,238,399 | 4,710,370 | 4,517,129 | 7 |
| Minnesota | 12 | 5 | 1,550,411 | 1,595,560 | 1,851,430 | 2,014,317 | 2,153,857 | 2,254,895 | 2,415,033 | 12 |
| Mississippi | 11 | 12 | 673,355 | 509,038 | 786,577 | 993,781 | 980,918 | 1,039,739 | 1,053,049 | 7 |
| Missouri | 11 | 5 | 1,855,452 | 1,848,775 | 1,767,411 | 1,937,684 | 2,106,599 | 2,246,299 | 2,275,473 | 8 |
| Montana | 4 | 1 | * | * | * | * | 279,349 | 291,429 | 315,512 | 13 |
| Nebraska | 8 | 2 | 576,296 | 600,885 | 659,380 | 712,685 | 791,799 | 838,568 | 867,810 | 10 |
| Nevada | 8 | 5 | 750,335 | 825,163 | 684,752 | 766,581 | 842,155 | 893,788 | 983,075 | 17 |
| New Hampshire | 8 | 11 | 280,508 | 309,263 | 387,264 | 445,181 | 492,112 | 529,498 | 525,450 | 7 |
| New Jersey | 6 | 2 | 2,289,181 | 2,750,024 | 3,575,130 | 3,896,778 | 4,283,643 | 4,530,663 | 4,582,403 | 7 |
| New Mexico | 10 | 10 | 363,827 | 395,111 | 443,343 | 619,582 | 660,849 | 735,107 | 780,855 | 18 |
| New York | 12 | 4 | 4,833,816 | 5,016,524 | 5,918,136 | 6,749,096 | 7,247,181 | 7,713,977 | 8,898,347 | 23 |
| North Carolina | 12 | 6 | 2,536,068 | 2,730,178 | 3,105,811 | 3,377,331 | 3,605,441 | 4,429,832 | 3,940,796 | 9 |
| North Dakota | * | * | * | * | * | * | * | 245,578 | * | NA |
| Ohio | 14 | 4 | 3,237,786 | 3,278,960 | 4,150,498 | 4,255,934 | 4,739,795 | 4,887,335 | 5,179,806 | 9 |
| Oklahoma | 12 | 3 | 826,637 | 979,513 | 1,124,214 | 1,200,234 | 1,288,357 | 1,366,437 | 1,432,527 | 11 |
| Oregon | 11 | 3 | 914,848 | 1,082,425 | 1,201,207 | 1,268,909 | 1,399,279 | 1,473,883 | 1,682,343 | 20 |
| Pennsylvania | 11 | 3 | 2,767,474 | 3,850,372 | 4,129,186 | 4,378,216 | 4,849,085 | 4,986,819 | 5,249,163 | 8 |
| Puerto Rico | 6 | 12 | * | 1,090,005 | 757,613 | 1,374,747 | 1,128,736 | 1,136,619 | 1,254,203 | 11 |
| Rhode Island | 6 | 2 | 279,304 | 313,550 | 355,889 | 401,805 | 454,936 | 461,004 | 512,389 | 13 |
| South Carolina | 10 | 15 | 1,137,232 | 1,236,338 | 1,392,586 | 1,502,345 | 1,625,392 | 1,724,156 | 1,781,083 | 10 |
| South Dakota | 5 | 7 | * | , | , | , | 278,646 | 292,210 | 325,114 | 17 |
| Tennessee | 12 | 3 | 1,529,054 | 1,876,444 | 1,985,851 | 2,251,208 | 2,443,483 | 2,573,801 | 2,626,423 | 7 |
| Texas | 19 | 5 | 5,792,453 | 6,705,423 | 7,548,537 | 8,294,338 | 9,062,064 | 9,521,985 | 9,943,429 | 10 |
| Utah | 10 | 2 | 643,824 | 692,006 | 750,244 | 833,492 | 919,002 | 970,854 | 1,052,522 | 15 |
| Vermont | * | , | * | * | , | 833, | * | * | * | NA |
| Virgin Islands | * | * | * | 0 | 0 | * | * | * | * | NA |
| Virginia ${ }^{3}$ | 12 | 3 | 2,262,567 | 2,447,687 | 2,708,342 | 3,059,420 | 3,270,165 | 3,429,450 | 3,749,893 | 15 |
| Washington | 11 | 4 | 1,873,475 | 2,144,767 | 2,286,082 | 2,493,214 | 2,706,030 | 2,846,197 | 2,866,458 | 6 |
| West Virginia | 9 | 9 | 241,265 | 347,916 | 392,384 | 452,036 | 498,811 | 549,721 | 576,339 | 16 |
| Wisconsin | 10 | 7 | 1,525,818 | 1,342,908 | 1,698,520 | 2,008,679 | 2,229,389 | 2,522,479 | 2,384,977 | 7 |
| Wyoming | 4 | 2 | 127,634 | * | * | 173,939 | 194,665 | 168,232 | 191,939 | -1 |
| Nationwide | 85 | $5 \%$ | 79,696,083 | 90,643,058 | 101,043,219 | 114,028,928 | 122,399,943 | 128,845,821 | 136,261,491 | 11 \% |

NA -- Not Applicable

* Data withheld to maintain firm confidentiality.
${ }^{1}$ Carriers with under 10,000 subscribers in a state were not required to report.
${ }^{2}$ Percentage of mobile wireless subscribers receiving their service from a mobile wireless reseller.
${ }^{3}$ Subscribers counts for the District of Columbia, Maryland, and Virgina have been revised for previous periods other than June 2000.

Table 14
Percentage of Zip Codes
with Competitive Local Exchange Carriers

| Number of CLECs | Dec 2000 | Dec 2001 | Dec 2002 |
| :---: | :---: | :---: | :---: |
| 0 | $44.0 \%$ | $38.0 \%$ | $31.3 \%$ |
| 1 | 16.8 | 16.8 | 19.3 |
| 2 | 10.4 | 10.0 | 10.5 |
| 3 | 7.2 | 7.7 | 6.7 |
| 4 | 5.5 | 6.1 | 6.3 |
| 5 | 4.0 | 4.5 | 5.2 |
| 6 | 3.0 | 3.8 | 4.4 |
| 7 | 2.3 | 2.9 | 3.5 |
| 8 | 1.7 | 2.2 | 2.9 |
| 9 | 1.4 | 2.1 | 2.6 |
| 10 or More | 3.7 | 5.9 | 7.3 |

Table 15
Households in Zip Codes with Competitive Local Exchange Carriers

| Number of <br> CLECs | Dec 2000 |  | Dec 2001 |  | Dec 2002 |  |
| :---: | :---: | :---: | ---: | :---: | :---: | :---: |
|  | Households | Percentage | Households | Percentage | Households | Percentage |
| 0 | $12,210,584$ | $11.8 \%$ | $9,110,776$ | $8.8 \%$ | $5,984,632$ | $5.8 \%$ |
| 1 | $10,966,988$ | 10.6 | $8,813,106$ | 8.5 | $8,519,360$ | 8.2 |
| 2 | $10,963,681$ | 10.6 | $10,034,695$ | 9.7 | $8,539,266$ | 8.3 |
| 3 | $12,043,438$ | 11.6 | $11,170,858$ | 10.8 | $7,249,781$ | 7.0 |
| 4 | $1,641,715$ | 11.3 | $10,076,447$ | 9.7 | $8,565,465$ | 8.3 |
| 5 | $9,661,002$ | 9.3 | $9,055,400$ | 8.8 | $8,705,708$ | 8.4 |
| 6 | $7,469,060$ | 7.2 | $8,242,468$ | 8.0 | $8,677,027$ | 8.4 |
| 7 | $6,357,600$ | 6.1 | $6,960,081$ | 6.7 | $7,879,537$ | 7.6 |
| 8 | $5,036,094$ | 4.9 | $5,480,749$ | 5.3 | $7,250,548$ | 7.0 |
| 9 | $4,374,933$ | 4.2 | $5,519,918$ | 5.3 | $7,271,594$ | 7.0 |
| 10 or More | $12,653,572$ | 12.2 | $18,914,169$ | 18.3 | $24,735,749$ | 23.9 |

Source: Demographic Power Pack, Current Year Update (2000), MapInfo Corporation.

Table 16
Percentage of Zip Codes with Competitive Local Exchange Carriers
(As of December 31, 2002)

|  | Number of CLECs |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Zero | One - Three | Four | Five | Six | Seven | Eight | Nine | Ten or More |
| Alabama | 37 \% | 44 \% | 6 \% | $5 \%$ | 7 \% | 1 \% | 0 \% | 0 \% | 0 \% |
| Alaska | 75 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 28 | 32 | 7 | 5 | 5 | 5 | 8 | 4 | 6 |
| Arkansas | 61 | 37 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 10 | 40 | 6 | 6 | 6 | 6 | 6 | 7 | 13 |
| Colorado | 26 | 47 | 4 | 4 | 1 | 3 | 4 | 5 | 6 |
| Connecticut | 1 | 24 | 28 | 26 | 12 | 9 | 0 | 0 | 0 |
| Delaware | 2 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dist. of Columbia | 11 | 15 | 7 | 22 | 26 | 19 | 0 | 0 | 0 |
| Florida | 7 | 18 | 7 | 8 | 6 | 4 | 5 | 5 | 41 |
| Georgia | 23 | 26 | 4 | 5 | 5 | 4 | 4 | 7 | 22 |
| Hawaii | 58 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 45 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 33 | 37 | 5 | 3 | 3 | 2 | 2 | 2 | 13 |
| Indiana | 40 | 52 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 36 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 59 | 28 | 7 | 6 | 1 | 0 | 0 | 0 | 0 |
| Kentucky | 79 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 27 | 42 | 6 | 5 | 5 | 5 | 4 | 6 | 1 |
| Maine | 32 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 2 | 46 | 11 | 10 | 13 | 10 | 8 | 0 | 0 |
| Massachusetts | 1 | 22 | 16 | 20 | 14 | 11 | 8 | 6 | 2 |
| Michigan | 9 | 27 | 15 | 9 | 8 | 8 | 5 | 7 | 12 |
| Minnesota | 34 | 45 | 7 | 6 | 6 | 3 | 0 | 0 | 0 |
| Mississippi | 8 | 61 | 19 | 11 | 2 | 0 | 0 | 0 | 0 |
| Missouri | 49 | 28 | 5 | 7 | 5 | 4 | 3 | 0 | 0 |
| Montana | 94 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 67 | 28 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 22 | 54 | 3 | 9 | 11 | 0 | 0 | 0 | 0 |
| New Hampshire | 3 | 77 | 9 | 9 | 1 | 0 | 0 | 0 | 0 |
| New Jersey | 1 | 23 | 20 | 14 | 17 | 10 | 10 | 5 | 1 |
| New Mexico | 83 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | 5 | 25 | 10 | 8 | 9 | 7 | 8 | 7 | 22 |
| North Carolina | 18 | 54 | 5 | 4 | 3 | 3 | 3 | 1 | 9 |
| North Dakota | 69 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 30 | 37 | 7 | 7 | 5 | 4 | 4 | 4 | 3 |
| Oklahoma | 57 | 24 | 6 | 5 | 5 | 3 | 0 | 0 | 0 |
| Oregon | 17 | 64 | 10 | 6 | 2 | 0 | 0 | 0 | 0 |
| Pennsylvania | 20 | 38 | 8 | 6 | 5 | 4 | 4 | 4 | 12 |
| Puerto Rico | 81 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 3 | 42 | 36 | 19 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 29 | 40 | 6 | 8 | 8 | 8 | 2 | 0 | 0 |
| South Dakota | 68 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 42 | 30 | 6 | 5 | 8 | 5 | 2 | 1 | 0 |
| Texas | 18 | 26 | 5 | 4 | 4 | 5 | 6 | 5 | 27 |
| Utah | 32 | 43 | 8 | 6 | 4 | 7 | 0 | 0 | 0 |
| Vermont | 13 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 22 | 46 | 6 | 4 | 4 | 6 | 5 | 6 | 1 |
| Washington | 30 | 39 | 5 | 4 | 4 | 5 | 4 | 4 | 6 |
| West Virginia | 89 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 35 | 51 | 7 | 3 | 3 | 0 | 0 | 0 | 0 |
| Wyoming | 44 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nationwide | $31 \%$ | 36 \% | $6 \%$ | $5 \%$ | $4 \%$ | $4 \%$ | $3 \%$ | $3 \%$ | $7 \%$ |

## Reporting CLECs by Zip Code

(As of December 31, 2002)


## Customer Response

Publication: Local Telephone Competition: Status as of December 31, 2002.
You can help us provide the best possible information to the public by completing this form and returning it to the Industry Analysis and Technology Division of the FCC's Wireline Competition 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 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 \#:

| To discuss the information in this report, contact: <br> or for users of TTY equipment, call $202-418-0484$ |  |  |
| :---: | :---: | :---: |
| Fax this response to | or | Mail this response to |
| $202-418-0520$ |  | FCC/WCB/IATD <br> Mail Stop 1600 F <br> Washington, DC 20554 |


[^0]:    ${ }^{1}$ Qualifying carriers reported data as of December 31, 2002 in FCC Form 477 filings due on March 1, 2003. Qualification status is determined separately for each state. If a carrier, or its holding company, has at least 10,000 local telephone lines in service in a state, it must file local telephone data for that state. See Local Competition and Broadband Reporting, CC Docket No. 99-301, Report and Order, 15 FCC Rcd 7717 (2000). Earlier FCC Form 477 filings reported data as of December 31, 1999, June 30, 2000, December 31, 2000, June 30, 2001, December 31, 2001, and June 30, 2002. See Industry Analysis Division, Common Carrier Bureau, Local Telephone Competition at the New Millennium (August 2000), Local Telephone Competition: Status as of June 30, 2000 (December 2000), Local Telephone Competition: Status as of December 31, 2000 (May 2001), Local Telephone Competition: Status as of June 30, 2001 (February 2002), and Industry Analysis and Technology Division, Wireline Competition Bureau, Local Telephone Competition: Status as of December 31, 2001 (July 2002) and Local Telephone Competition: Status as of June 30, 2001 (December 2002), available at www.fcc.gov/wcb/stats. Readers interested in the specific questions and reporting instructions for this data collection can download FCC Form 477, and associated Instructions, from 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 (1999).
    ${ }^{2}$ Total numbers reported by incumbent local exchange carriers (ILECs) filing FCC Form 477 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.
    ${ }^{3}$ In the local telephone section of FCC Form 477, the switched access lines in service to the carrier's own end-user customers that are reported to be "used for residential and small business service" should be those lines that connect to customer locations for which the reporting carrier bills fewer than four (4) voice-grade equivalent lines used for local exchange service. If this information is not available, the carrier may use tariffs or marketing information to report an estimate that it reasonably expects to be accurate within plus or minus five percentage points of the true number.

[^1]:    ${ }^{4}$ A reporting carrier should own the "last mile" of wire, cable, or optical fiber that connects to the end-user premises (or have obtained radio spectrum for the equivalent fixed wireless facility) if it reports providing the local telephone line over its own facilities. In general, local exchange and exchange access lines provisioned over facilities (other than dark fiber) and services obtained from another carrier are not the reporting carrier's "own facilities" for purposes of FCC Form 477, irrespective of whether those facilities or services are obtained under interconnection arrangements, under tariff, or by other means. In particular, owning the switch that provides dialtone (and other services) over a UNE loop leased from another carrier does not qualify a line as being provisioned over the reporting carrier's own facilities.
    ${ }^{5}$ From CLECs, FCC Form 477 collects information on the percentage of the CLECs' switched access lines provided over "UNE loops." For purposes of FCC Form 477, this term includes UNE loops leased from an unaffiliated carrier on a stand-alone basis and also UNE loops leased in combination with UNE switching or any other unbundled network element.
    ${ }^{6}$ State-level information reported for December 2001 and for June 2002 appear respectively in Industry Analysis and Technology Division, Wireline Competition Bureau, Local Telephone Competition: Status as of December 31, 2001 (July 2002) and Local Telephone Competition: Status as of June 2002 (December 2002). Comparable information for the earlier FCC Form 477 reporting periods is available at www.fcc.gov/wcb/stats.
    ${ }^{7}$ The reported number of UNE loops provided without ILEC switching in Table 4 includes some UNE loops that ILECs supply to DSL-service providers that do not also provide local telephone service. Because no local telephone service is provided by means of such UNE loops, they are not included in the end-user local telephone lines reported by CLECs.

    8 "UNE-Platform" is the combination of unbundled loops, switches, and transport elements.

[^2]:    ${ }^{9}$ The largest numbers of CLEC lines are reported for New York, the third most populous state, followed by California

[^3]:    ${ }^{12}$ 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. A facilities-based mobile wireless telephone service provider serves subscribers using spectrum licenses that it has obtained or manages.
    ${ }^{13}$ 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. Providers of mobile wireless telephone service do not report zip codes.

[^4]:    Notes: Figures may not add to totals due to rounding. Some previously published data for December 2000 and June 2001 have been revised.
    ${ }^{1}$ Data for December 1997 through June 1999 are from Common Carrier Bureau voluntary surveys. Starting with December 1999, data are from FCC Form 477 filings.

