**Table 1**

**Connections over 200 kbps in at Least One Direction 2008-2012**

**(In thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | 132,814 | **102,239** | **119,433** | **136,294** | **157,017** | **182,065** | **206,131** | **230,387** | **243,397** |
| Total Fixed | 73,123 | **75,707** | **77,997** | **79,994** | **81,764** | **84,521** | **86,575** | **88,320** | **89,959** |
| Mobile Wireless1 | 59,691 | **26,532** | **41,436** | **56,300** | **75,253** | **97,544** | **119,556** | **142,066** | **153,438** |

**Table 2**

**Connections at Least 3 Mbps Downstream and 768 kbps Upstream 2008-2012**

**(In thousands)**

|  | *2008* | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | **31,120** | **33,332** | **40,669** | **45,552** | **55,110** | **64,819** | **82,013** | **100,271** |
| Total Fixed | **30,987** | **33,108** | **38,963** | **41,364** | **44,694** | **48,577** | **51,095** | **57,247** |
| Mobile Wireless1 | **133** | **224** | **1,706** | **4,188** | **10,416** | **16,242** | **30,918** | **43,025** |

**Table 3**

**Residential Connections over 200 kbps in at Least One Direction 2008-2012**

**(In thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | 79,090 | **88,190** | **103,300** | **117,089** | **132,567** | **149,441** | **171,773** | **186,702** | **196,704** |
| Total Fixed | 67,554 | **69,047** | **71,509** | **73,394** | **75,251** | **76,918** | **78,906** | **80,709** | **82,233** |
| Mobile Wireless1 | 11,536 | **19,142** | **31,791** | **43,695** | **57,316** | **72,523** | **92,867** | **105,993** | **114,472** |

**Table 4**

**Residential Connections at Least 3 Mbps Downstream and 768 kbps Upstream 2008-2012**

**(In thousands)**

|  | *2008* | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | **29,127** | **31,356** | **38,426** | **42,243** | **47,632** | **51,783** | **63,734** | **78,616** |
| Total Fixed | **29,013** | **31,161** | **36,844** | **39,037** | **41,769** | **45,263** | **47,425** | **53,077** |
| Mobile Wireless1 | **114** | **196** | **1,582** | **3,206** | **5,863** | **6,520** | **16,309** | **25,539** |

1 Reporting instructions for mobile wireless changed between the June 2008 and December 2008 data. See Technical Notes at the end of the report.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Parts I and VI.



Connections over 200 kbps in at Least One Direction (in thousands)

|  | *Downstream Speed* | | |  |
| --- | --- | --- | --- | --- |
| *Upstream Speed* | *Less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps* | *Total* |
| Less than 768 kbps | 92,545 | 10,624 | 5,021 | 108,189 |
| At least 768 kbps & Less than 1.5 Mbps | 32,945 | 17,351 | 21,508 | 71,804 |
| At least 1.5 Mbps | 1,991 | 5,873 | 55,539 | 63,404 |
| Total | 127,481 | 33,848 | 82,068 | 243,397 |

Percentages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Less than 768 kbps | 38.0 | 4.4 | 2.1 | 44.4 |
| At least 768 kbps & Less than 1.5 Mbps | 13.5 | 7.1 | 8.8 | 29.5 |
| At least 1.5 Mbps | 0.8 | 2.4 | 22.8 | 26.0 |
| Total | 52.4 | 13.9 | 33.7 | 100.0 |

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

Source: FCC Form 477, Part I.



Fixed Connections over 200 kbps in at Least One Direction (in thousands)

|  | *Downstream Speed* | | |  |
| --- | --- | --- | --- | --- |
| *Upstream Speed* | *Less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps* | *Total* |
| Less than 768 kbps | 16,962 | 6,353 | 4,987 | 28,302 |
| At least 768 kbps & Less than 1.5 Mbps | 3,830 | 8,231 | 11,879 | 23,940 |
| At least 1.5 Mbps | 581 | 347 | 36,790 | 37,717 |
| Total | 21,372 | 14,931 | 53,656 | 89,959 |

Percentages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Less than 768 kbps | 18.9 | 7.1 | 5.5 | 31.5 |
| At least 768 kbps & Less than 1.5 Mbps | 4.3 | 9.1 | 13.2 | 26.6 |
| At least 1.5 Mbps | 0.6 | 0.4 | 40.9 | 41.9 |
| Total | 23.8 | 16.6 | 59.6 | 100.0 |

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

Source: FCC Form 477, Part I.



Residential Connections over 200 kbps in at Least One Direction (in thousands)

|  | *Downstream Speed* | | |  |
| --- | --- | --- | --- | --- |
| *Upstream Speed* | *Less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps* | *Total* |
| Less than 768 kbps | 77,854 | 9,025 | 4,945 | 91,825 |
| At least 768 kbps & Less than 1.5 Mbps | 24,864 | 11,074 | 12,004 | 47,942 |
| At least 1.5 Mbps | 1,399 | 4,959 | 50,579 | 56,938 |
| Total | 104,118 | 25,058 | 67,528 | 196,704 |

Percentages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Less than 768 kbps | 39.6 | 4.6 | 2.5 | 46.7 |
| At least 768 kbps & Less than 1.5 Mbps | 12.6 | 5.6 | 6.1 | 24.4 |
| At least 1.5 Mbps | 0.7 | 2.5 | 25.7 | 28.9 |
| Total | 52.9 | 12.7 | 34.3 | 100.0 |

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

Source: FCC Form 477, Parts I and VI.



Residential Fixed Connections over 200 kbps in at Least One Direction (in thousands)

|  | *Downstream Speed* | | |  |
| --- | --- | --- | --- | --- |
| *Upstream Speed* | *Less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps* | *Total* |
| Less than 768 kbps | 15,359 | 5,286 | 4,916 | 25,561 |
| At least 768 kbps & Less than 1.5 Mbps | 3,521 | 7,357 | 10,981 | 21,860 |
| At least 1.5 Mbps | 74 | 191 | 34,546 | 34,812 |
| Total | 18,954 | 12,835 | 50,443 | 82,233 |

Percentages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Less than 768 kbps | 18.7 | 6.4 | 6.0 | 31.1 |
| At least 768 kbps & Less than 1.5 Mbps | 4.3 | 8.9 | 13.4 | 26.6 |
| At least 1.5 Mbps | 0.1 | 0.2 | 42.0 | 42.3 |
| Total | 23.0 | 15.6 | 61.3 | 100.0 |

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

Source: FCC Form 477, Part VI.



Mobile Wireless Connections over 200 kbps in at Least One Direction (in thousands)

|  | *Downstream Speed* | | |  |
| --- | --- | --- | --- | --- |
| *Upstream Speed* | *Less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps* | *Total* |
| Less than 768 kbps | 75,583 | 4,271 | 34 | 79,887 |
| At least 768 kbps & Less than 1.5 Mbps | 29,115 | 9,120 | 9,629 | 47,864 |
| At least 1.5 Mbps | 1,411 | 5,526 | 18,749 | 25,686 |
| Total | 106,109 | 18,917 | 28,412 | 153,438 |

Percentages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Less than 768 kbps | 49.3 | 2.8 | 0.0 | 52.1 |
| At least 768 kbps & Less than 1.5 Mbps | 19.0 | 5.9 | 6.3 | 31.2 |
| At least 1.5 Mbps | 0.9 | 3.6 | 12.2 | 16.7 |
| Total | 69.2 | 12.3 | 18.5 | 100.0 |

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

Source: FCC Form 477, Part I.

**Table 5**

**Connections over 200 kbps in at Least One Direction by Technology 2008-2012**

**(In thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | 132,814 | **102,239** | **119,433** | **136,294** | **157,017** | **182,065** | **206,131** | **230,387** | **243,397** |
| Total Fixed | 73,123 | **75,707** | **77,997** | **79,994** | **81,764** | **84,521** | **86,575** | **88,320** | **89,959** |
| aDSL | 29,964 | **30,198** | **30,631** | **30,987** | **30,759** | **31,470** | **31,611** | **31,341** | **31,188** |
| sDSL | 275 | **241** | **217** | **225** | **191** | **167** | **159** | **148** | **140** |
| Other Wireline1 | 670 | **709** | **689** | **719** | **755** | **795** | **778** | **795** | **769** |
| Cable Modem | 38,190 | **40,251** | **41,434** | **42,439** | **43,923** | **45,334** | **46,698** | **48,257** | **49,663** |
| FTTP2 | 2,346 | **2,884** | **3,548** | **3,980** | **4,441** | **4,993** | **5,477** | **5,898** | **6,299** |
| Satellite | 869 | **938** | **990** | **1,116** | **1,144** | **1,176** | **1,204** | **1,190** | **1,217** |
| Fixed Wireless | 808 | **485** | **488** | **527** | **551** | **587** | **649** | **692** | **683** |
| Mobile Wireless3 | 59,691 | **26,532** | **41,436** | **56,300** | **75,253** | **97,544** | **119,556** | **142,066** | **153,438** |

1 Power Line and Other are summarized with Other Wireline to maintain firm confidentiality. See Technical Notes at the end of the report for a description of

Form 477 technology categories and other reporting requirements.

2 Fiber to the premises.

3 Reporting instructions for mobile wireless changed between the June 2008 and December 2008 data.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.



**Table 6**

**Residential Connections over 200 kbps in at Least One Direction by Technology 2008-2012**

**(In thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | 79,090 | **88,190** | **103,300** | **117,089** | **132,567** | **149,441** | **171,773** | **186,702** | **196,704** |
| Total Fixed | 67,554 | **69,047** | **71,509** | **73,394** | **75,251** | **76,918** | **78,906** | **80,709** | **82,233** |
| aDSL | 26,950 | **26,488** | **27,047** | **27,402** | **27,488** | **27,467** | **27,754** | **27,767** | **27,650** |
| sDSL | 81 | **74** | **71** | **85** | **65** | **53** | **52** | **54** | **49** |
| Other Wireline1 | 37 | **47** | **49** | **56** | **61** | **76** | **45** | **40** | **13** |
| Cable Modem | 36,901 | **38,681** | **39,909** | **40,872** | **42,178** | **43,295** | **44,480** | **45,826** | **47,032** |
| FTTP2 | 2,139 | **2,717** | **3,348** | **3,758** | **4,185** | **4,704** | **5,118** | **5,521** | **5,892** |
| Satellite | 705 | **630** | **668** | **767** | **787** | **811** | **885** | **886** | **998** |
| Fixed Wireless | 741 | **410** | **417** | **454** | **486** | **513** | **572** | **615** | **598** |
| Mobile Wireless3 | 11,536 | **19,142** | **31,791** | **43,695** | **57,316** | **72,523** | **92,867** | **105,993** | **114,472** |

1 Power Line and Other are summarized with Other Wireline to maintain firm confidentiality. See Technical Notes at the end of the report for a description of

Form 477 technology categories and other reporting requirements.

2 Fiber to the premises.

3 Reporting instructions for mobile wireless changed between the June 2008 and December 2008 data.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.



**Table 7**

**Connections at Least 3 Mbps Downstream and 768 kbps Upstream by Technology 2008-2012**

**(In thousands)**

|  | *2008* | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | **31,120** | **33,332** | **40,669** | **45,552** | **55,110** | **64,819** | **82,013** | **100,271** |
| Total Fixed | **30,987** | **33,108** | **38,963** | **41,364** | **44,694** | **48,577** | **51,095** | **57,247** |
| aDSL | **5,403** | **5,614** | **6,389** | **6,275** | **7,302** | **8,909** | **10,355** | **12,879** |
| sDSL | **5** | **9** | **19** | **13** | **14** | **16** | **26** | **32** |
| Other Wireline1 | **122** | **129** | **150** | **177** | **211** | **204** | **228** | **239** |
| Cable Modem | **22,708** | **23,958** | **28,583** | **30,616** | **32,338** | **34,113** | **34,693** | **37,798** |
| FTTP2 | **2,694** | **3,333** | **3,739** | **4,192** | **4,725** | **5,188** | **5,606** | **6,000** |
| Satellite | **#** | **#** | **#** | **#** | **#** | **#** | **#** | **87** |
| Fixed Wireless | **54** | **64** | **82** | **92** | **105** | **145** | **186** | **212** |
| Mobile Wireless | **133** | **224** | **1,706** | **4,188** | **10,416** | **16,242** | **30,918** | **43,025** |

# = Rounds to Zero.

1 Power Line and Other are summarized with Other Wireline to maintain firm confidentiality. See Technical Notes at the end of the report for a description of

Form 477 technology categories and other reporting requirements.

2 Fiber to the premises.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.



**Table 8**

**Residential Connections at Least 3 Mbps Downstream and 768 kbps Upstream by Technology 2008-2012**

**(In thousands)**

|  | *2008* | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Total | **29,127** | **31,356** | **38,426** | **42,243** | **47,632** | **51,783** | **63,734** | **78,616** |
| Total Fixed | **29,013** | **31,161** | **36,844** | **39,037** | **41,769** | **45,263** | **47,425** | **53,077** |
| aDSL | **4,613** | **4,895** | **5,633** | **5,557** | **6,421** | **7,909** | **9,278** | **11,571** |
| sDSL | **1** | **2** | **10** | **2** | **2** | **4** | **12** | **12** |
| Other Wireline1 | **11** | **12** | **19** | **20** | **36** | **15** | **16** | **7** |
| Cable Modem | **21,776** | **23,025** | **27,548** | **29,398** | **30,742** | **32,321** | **32,687** | **35,583** |
| FTTP2 | **2,571** | **3,177** | **3,566** | **3,982** | **4,482** | **4,894** | **5,271** | **5,632** |
| Satellite | **0** | **0** | **0** | **0** | **0** | **0** | **#** | **86** |
| Fixed Wireless | **42** | **50** | **68** | **77** | **86** | **121** | **161** | **184** |
| Mobile Wireless | **114** | **196** | **1,582** | **3,206** | **5,863** | **6,520** | **16,309** | **25,539** |

# = Rounds to Zero.

1 Power Line and Other are summarized with Other Wireline to maintain firm confidentiality. See Technical Notes at the end of the report for a description of

Form 477 technology categories and other reporting requirements.

2 Fiber to the premises.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.









**Table 9**

**Residential Connections by Technology and Speed (BTOP/BIP Definition)**

**as of June 30, 2012**

**(In thousands)**

| *Technology* | *At Most 200 kbps Upstream or less than 768 kbps Downstream* | *Over 200 kbps Upstream and at least 768 kbps Downstream* | *Total* |
| --- | --- | --- | --- |
| aDSL | 1,803 | 25,847 | 27,650 |
| sDSL | 13 | 36 | 49 |
| Other Wireline | # | 13 | 13 |
| Cable Modem | 472 | 46,560 | 47,032 |
| FTTP | 14 | 5,878 | 5,892 |
| Satellite | 709 | 289 | 998 |
| Fixed Wireless | 90 | 507 | 598 |
| Mobile Wireless | 37,649 | 76,823 | 114,472 |
| Total | 40,751 | 155,953 | 196,704 |

# = Rounds to Zero. Power Line and Other are combined with Other Wireline to maintain firm confidentiality.

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

Source: FCC Form 477, Parts I and VI.



**Table 10**

**Connections by Downstream Speed Tier and Technology as of June 30, 2012**

**(In thousands)**

|  | *Downstream Speed* | | | | | | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Greater than 200 kbps and less than 768 kbps* | *At least 768 kbps and less than 1.5 Mbps* | *At least 1.5 Mbps and less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps and less than 10 Mbps* | *At least 10 Mbps and less than 25 Mbps* | *At least 25 Mbps and less than 100 Mbps* | *At least 100 Mbps* | *Total* |
| aDSL | 1,666 | 4,391 | 7,452 | 10,192 | 4,855 | 2,525 | 105 | # | 31,188 |
| sDSL | 37 | 43 | 28 | \* | \* | 16 | \* | # | 140 |
| Other Wireline | 43 | 40 | 448 | 102 | 24 | 44 | 41 | 27 | 769 |
| Cable Modem | 145 | 1,321 | 3,983 | 4,200 | 5,158 | 27,819 | 6,968 | 69 | 49,663 |
| FTTP | 17 | 78 | 112 | 234 | 160 | 4,377 | 1,262 | 59 | 6,299 |
| Satellite | 328 | 537 | 258 | \* | \* | \* | 0 | 0 | 1,217 |
| Fixed Wireless | 85 | 167 | 195 | 174 | 42 | 18 | 2 | 1 | 683 |
| Mobile Wireless | 43,714 | 7,568 | 54,826 | 18,917 | 24,767 | \* | \* | 0 | 153,438 |
| Total | 46,034 | 14,145 | 67,302 | 33,848 | 35,010 | 34,911 | 11,990 | 156 | 243,397 |

Percentages

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| aDSL | 0.7 | 1.8 | 3.1 | 4.2 | 2.0 | 1.0 | 0.0 | 0.0 | 12.8 |
| sDSL | 0.0 | 0.0 | 0.0 | \* | \* | 0.0 | \* | 0.0 | 0.1 |
| Other Wireline | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| Cable Modem | 0.1 | 0.5 | 1.6 | 1.7 | 2.1 | 11.4 | 2.9 | 0.0 | 20.4 |
| FTTP | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 1.8 | 0.5 | 0.0 | 2.6 |
| Satellite | 0.1 | 0.2 | 0.1 | \* | \* | \* | 0.0 | 0.0 | 0.5 |
| Fixed Wireless | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| Mobile Wireless | 18.0 | 3.1 | 22.5 | 7.8 | 10.2 | \* | \* | 0.0 | 63.0 |
| Total | 18.9 | 5.8 | 27.7 | 13.9 | 14.4 | 14.3 | 4.9 | 0.1 | 100.0 |

# = Rounds to Zero. Power Line and Other are combined with Other Wireline to maintain firm confidentiality.

\* = Data withheld to maintain firm confidentiality.

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

Source: FCC Form 477, Part I.

**Table 11**

**Residential Connections by Downstream Speed Tier and Technology as of June 30, 2012**

**(In thousands)**

|  | *Downstream Speed* | | | | | | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Greater than 200 kbps and less than 768 kbps* | *At least 768 kbps and less than 1.5 Mbps* | *At least 1.5 Mbps and less than 3 Mbps* | *At least 3 Mbps and less than 6 Mbps* | *At least 6 Mbps and less than 10 Mbps* | *At least 10 Mbps and less than 25 Mbps* | *At least 25 Mbps and less than 100 Mbps* | *At least 100 Mbps* | *Total* |
| aDSL | 1,546 | 4,027 | 6,536 | 8,639 | 4,486 | 2,319 | 98 | # | 27,650 |
| sDSL | 13 | 20 | 4 | \* | \* | 9 | \* | 0 | 49 |
| Other Wireline | # | 4 | 2 | 1 | 1 | 3 | 0 | 1 | 13 |
| Cable Modem | 130 | 1,299 | 3,900 | 3,822 | 4,815 | 26,285 | 6,730 | 52 | 47,032 |
| FTTP | 13 | 70 | 90 | 206 | 147 | 4,170 | 1,176 | 20 | 5,892 |
| Satellite | 194 | 494 | 220 | \* | \* | \* | 0 | 0 | 998 |
| Fixed Wireless | 75 | 145 | 172 | 154 | 37 | 14 | 1 | # | 598 |
| Mobile Wireless | 35,216 | 6,839 | 43,109 | 12,223 | 13,737 | \* | \* | 0 | 114,472 |
| Total | 37,188 | 12,897 | 54,033 | 25,058 | 23,224 | 32,907 | 11,324 | 74 | 196,704 |

Percentages

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| aDSL | 0.8 | 2.0 | 3.3 | 4.4 | 2.3 | 1.2 | 0.0 | 0.0 | 14.1 |
| sDSL | 0.0 | 0.0 | 0.0 | \* | \* | 0.0 | \* | 0.0 | 0.0 |
| Other Wireline | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cable Modem | 0.1 | 0.7 | 2.0 | 1.9 | 2.4 | 13.4 | 3.4 | 0.0 | 23.9 |
| FTTP | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 2.1 | 0.6 | 0.0 | 3.0 |
| Satellite | 0.1 | 0.3 | 0.1 | \* | \* | \* | 0.0 | 0.0 | 0.5 |
| Fixed Wireless | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| Mobile Wireless | 17.9 | 3.5 | 21.9 | 6.2 | 7.0 | \* | \* | 0.0 | 58.2 |
| Total | 18.9 | 6.6 | 27.5 | 12.7 | 11.8 | 16.7 | 5.8 | 0.0 | 100.0 |

# = Rounds to Zero. Power Line and Other are combined with Other Wireline to maintain firm confidentiality.

\* = Data withheld to maintain firm confidentiality.

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

Source: FCC Form 477, Part I.

**Table 12**

**Nationwide Number of Providers of Connections over 200 kbps in at Least One Direction**

**by Technology 2008-2012**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| aDSL | 863 | **881** | **876** | **862** | **875** | **865** | **867** | **868** | **860** |
| sDSL | 238 | **264** | **257** | **261** | **251** | **247** | **252** | **255** | **249** |
| Other Wireline | 259 | **292** | **283** | **274** | **267** | **270** | **265** | **274** | **258** |
| Cable Modem | 296 | **342** | **351** | **345** | **345** | **357** | **400** | **404** | **399** |
| FTTP | 308 | **432** | **462** | **485** | **510** | **545** | **579** | **621** | **642** |
| Satellite | 4 | **5** | **4** | **4** | **4** | **4** | **5** | **6** | **5** |
| Fixed Wireless | 505 | **620** | **621** | **607** | **625** | **646** | **672** | **711** | **707** |
| Mobile Wireless | 24 | **47** | **48** | **51** | **55** | **57** | **64** | **69** | **68** |
| Power Line and Other | 6 | **5** | **6** | **6** | **5** | **7** | **4** | **5** | **\*** |
| Total | 1,395 | **1,562** | **1,551** | **1,526** | **1,536** | **1,566** | **1,624** | **1,683** | **1,662** |

Note: Some historical data have been revised. Multiple Form 477 filers within a holding company structure count as one provider. \* = 1-3 providers.

Source: FCC Form 477, Part I.



**Table 13**

**Residential Fixed Connections (Approximating the National Broadband Availability Target)**

**and Households by State as of June 30, 2012**

**(Connections with advertised speeds at least 3 Mbps down and 768 up and households, in thousands)**

| *State* | *Connections* | *Households* | *Subscribership Ratio* |
| --- | --- | --- | --- |
| Alabama | 564 | 1,902 | 0.30 |
| Alaska | 88 | 260 | 0.34 |
| American Samoa | 0 | 11 | 0.00 |
| Arizona | 1,330 | 2,440 | 0.54 |
| Arkansas | 294 | 1,159 | 0.25 |
| California | 5,609 | 12,712 | 0.44 |
| Colorado | 1,217 | 2,005 | 0.61 |
| Connecticut | 799 | 1,372 | 0.58 |
| Delaware | 240 | 347 | 0.69 |
| District of Columbia | 175 | 268 | 0.65 |
| Florida | 3,830 | 7,463 | 0.51 |
| Georgia | 1,542 | 3,648 | 0.42 |
| Guam | \* | 51 | \* |
| Hawaii | \* | 456 | \* |
| Idaho | 180 | 593 | 0.30 |
| Illinois | 2,150 | 4,861 | 0.44 |
| Indiana | 1,042 | 2,516 | 0.41 |
| Iowa | 302 | 1,231 | 0.25 |
| Kansas | 366 | 1,121 | 0.33 |
| Kentucky | 658 | 1,732 | 0.38 |
| Louisiana | 535 | 1,756 | 0.30 |
| Maine | 147 | 556 | 0.26 |
| Maryland | 1,503 | 2,156 | 0.70 |
| Massachusetts | 1,914 | 2,549 | 0.75 |
| Michigan | 1,775 | 3,848 | 0.46 |
| Minnesota | 1,017 | 2,097 | 0.48 |
| Mississippi | 237 | 1,120 | 0.21 |
| Missouri | 693 | 2,390 | 0.29 |
| Montana | 157 | 415 | 0.38 |
| Nebraska | 328 | 727 | 0.45 |
| Nevada | 511 | 1,027 | 0.50 |
| New Hampshire | 339 | 519 | 0.65 |
| New Jersey | 2,436 | 3,215 | 0.76 |
| New Mexico | 302 | 806 | 0.37 |
| New York | 3,939 | 7,345 | 0.54 |
| North Carolina | 668 | 3,818 | 0.17 |
| North Dakota | 117 | 283 | 0.41 |
| Northern Mariana Isl | \* | 21 | \* |
| Ohio | 1,154 | 4,597 | 0.25 |
| Oklahoma | 416 | 1,476 | 0.28 |
| Oregon | 854 | 1,539 | 0.55 |
| Pennsylvania | 2,896 | 5,025 | 0.58 |
| Puerto Rico | 114 | 1,230 | 0.09 |
| Rhode Island | \* | 410 | \* |
| South Carolina | 534 | 1,831 | 0.29 |
| South Dakota | 153 | 326 | 0.47 |
| Tennessee | 996 | 2,522 | 0.39 |
| Texas | 3,024 | 9,113 | 0.33 |
| Utah | 508 | 903 | 0.56 |
| Vermont | 156 | 256 | 0.61 |
| Virgin Islands | \* | 56 | \* |
| Virginia | 1,855 | 3,079 | 0.60 |
| Washington | 1,608 | 2,657 | 0.61 |
| West Virginia | 373 | 766 | 0.49 |
| Wisconsin | 682 | 2,289 | 0.30 |
| Wyoming | 102 | 231 | 0.44 |
| Total | 53,077 | 119,103 | 0.45 |

# = Rounds to Zero; \* = Data withheld to maintain firm confidentiality.

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

Sources: FCC Form 477, Part VI (Connections); Geolytics 2011 Block-Level Estimates (Households for U.S. and District of Columbia);

Census 2010 (Housing Units for Puerto Rico, American Samoa, Guam, Northern Mariana Islands and U.S. Virgin Islands).

**Table 14**

**Residential Fixed Connections and Households by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction and households, in thousands)**

| *State* | *Connections* | *Households* | *Subscribership Ratio* |
| --- | --- | --- | --- |
| Alabama | 1,091 | 1,902 | 0.57 |
| Alaska | 185 | 260 | 0.71 |
| American Samoa | \* | 11 | \* |
| Arizona | 1,692 | 2,440 | 0.69 |
| Arkansas | 625 | 1,159 | 0.54 |
| California | 9,634 | 12,712 | 0.76 |
| Colorado | 1,517 | 2,005 | 0.76 |
| Connecticut | 1,078 | 1,372 | 0.79 |
| Delaware | 271 | 347 | 0.78 |
| District of Columbia | 194 | 268 | 0.72 |
| Florida | 5,492 | 7,463 | 0.74 |
| Georgia | 2,385 | 3,648 | 0.65 |
| Guam | \* | 51 | \* |
| Hawaii | \* | 456 | \* |
| Idaho | 364 | 593 | 0.61 |
| Illinois | 3,268 | 4,861 | 0.67 |
| Indiana | 1,601 | 2,516 | 0.64 |
| Iowa | 808 | 1,231 | 0.66 |
| Kansas | 751 | 1,121 | 0.67 |
| Kentucky | 1,079 | 1,732 | 0.62 |
| Louisiana | 1,045 | 1,756 | 0.60 |
| Maine | 417 | 556 | 0.75 |
| Maryland | 1,638 | 2,156 | 0.76 |
| Massachusetts | 2,056 | 2,549 | 0.81 |
| Michigan | 2,503 | 3,848 | 0.65 |
| Minnesota | 1,452 | 2,097 | 0.69 |
| Mississippi | 558 | 1,120 | 0.50 |
| Missouri | 1,472 | 2,390 | 0.62 |
| Montana | 264 | 415 | 0.64 |
| Nebraska | 493 | 727 | 0.68 |
| Nevada | 681 | 1,027 | 0.66 |
| New Hampshire | 421 | 519 | 0.81 |
| New Jersey | 2,623 | 3,215 | 0.82 |
| New Mexico | 473 | 806 | 0.59 |
| New York | 5,553 | 7,345 | 0.76 |
| North Carolina | 2,637 | 3,818 | 0.69 |
| North Dakota | 197 | 283 | 0.70 |
| Northern Mariana Isl | \* | 21 | \* |
| Ohio | 3,118 | 4,597 | 0.68 |
| Oklahoma | 853 | 1,476 | 0.58 |
| Oregon | 1,064 | 1,539 | 0.69 |
| Pennsylvania | 3,591 | 5,025 | 0.71 |
| Puerto Rico | 521 | 1,230 | 0.42 |
| Rhode Island | 311 | 410 | 0.76 |
| South Carolina | 1,164 | 1,831 | 0.64 |
| South Dakota | 219 | 326 | 0.67 |
| Tennessee | 1,465 | 2,522 | 0.58 |
| Texas | 5,916 | 9,113 | 0.65 |
| Utah | 658 | 903 | 0.73 |
| Vermont | 196 | 256 | 0.77 |
| Virgin Islands | 16 | 56 | 0.29 |
| Virginia | 2,156 | 3,079 | 0.70 |
| Washington | 1,919 | 2,657 | 0.72 |
| West Virginia | 459 | 766 | 0.60 |
| Wisconsin | 1,534 | 2,289 | 0.67 |
| Wyoming | 152 | 231 | 0.66 |
| Total | 82,233 | 119,103 | 0.69 |

# = Rounds to Zero; \* = Data withheld to maintain firm confidentiality.

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

Sources: FCC Form 477, Part VI (Connections); Geolytics 2011 Block-Level Estimates (Households for U.S. and District of Columbia);

Census 2010 (Housing Units for Puerto Rico, American Samoa, Guam, Northern Mariana Islands and U.S. Virgin Islands).

**Table 15**

**Connections by Type of End User by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

|  | *Connections* | | *Percentages* | |  |
| --- | --- | --- | --- | --- | --- |
| *State* | *Residential* | *Business* | *Residential* | *Business* | *Total* |
| Alabama | 2,706 | 407 | 86.9 | 13.1 | 3,113 |
| Alaska | 506 | 78 | 86.7 | 13.3 | 584 |
| American Samoa | \* | \* | \* | \* | \* |
| Arizona | 3,881 | 713 | 84.5 | 15.5 | 4,594 |
| Arkansas | 1,703 | 253 | 87.0 | 13.0 | 1,956 |
| California | 25,044 | 5,730 | 81.4 | 18.6 | 30,773 |
| Colorado | 3,498 | 853 | 80.4 | 19.6 | 4,352 |
| Connecticut | 2,455 | 557 | 81.5 | 18.5 | 3,012 |
| Delaware | 603 | 134 | 81.9 | 18.1 | 737 |
| District of Columbia | 557 | 655 | 46.0 | 54.0 | 1,211 |
| Florida | 12,638 | 3,213 | 79.7 | 20.3 | 15,851 |
| Georgia | 6,082 | 1,488 | 80.3 | 19.7 | 7,571 |
| Guam | 58 | 14 | 80.0 | 20.0 | 72 |
| Hawaii | 964 | 175 | 84.7 | 15.3 | 1,139 |
| Idaho | 870 | 198 | 81.5 | 18.5 | 1,068 |
| Illinois | 7,983 | 2,101 | 79.2 | 20.8 | 10,085 |
| Indiana | 3,660 | 667 | 84.6 | 15.4 | 4,326 |
| Iowa | 1,588 | 307 | 83.8 | 16.2 | 1,895 |
| Kansas | 1,660 | 628 | 72.5 | 27.5 | 2,289 |
| Kentucky | 2,475 | 494 | 83.4 | 16.6 | 2,969 |
| Louisiana | 2,902 | 510 | 85.1 | 14.9 | 3,412 |
| Maine | 748 | 111 | 87.1 | 12.9 | 859 |
| Maryland | 3,986 | 902 | 81.6 | 18.4 | 4,887 |
| Massachusetts | 4,503 | 1,010 | 81.7 | 18.3 | 5,512 |
| Michigan | 5,478 | 1,813 | 75.1 | 24.9 | 7,291 |
| Minnesota | 3,200 | 911 | 77.8 | 22.2 | 4,111 |
| Mississippi | 1,696 | 219 | 88.6 | 11.4 | 1,915 |
| Missouri | 3,431 | 969 | 78.0 | 22.0 | 4,400 |
| Montana | 594 | 88 | 87.1 | 12.9 | 682 |
| Nebraska | 1,038 | 251 | 80.5 | 19.5 | 1,289 |
| Nevada | 1,821 | 404 | 81.8 | 18.2 | 2,225 |
| New Hampshire | 834 | 149 | 84.8 | 15.2 | 983 |
| New Jersey | 6,244 | 1,379 | 81.9 | 18.1 | 7,623 |
| New Mexico | 1,134 | 188 | 85.8 | 14.2 | 1,322 |
| New York | 13,128 | 3,054 | 81.1 | 18.9 | 16,182 |
| North Carolina | 5,709 | 1,375 | 80.6 | 19.4 | 7,085 |
| North Dakota | 453 | 83 | 84.6 | 15.4 | 536 |
| Northern Mariana Isl | \* | \* | \* | \* | \* |
| Ohio | 6,881 | 1,737 | 79.8 | 20.2 | 8,618 |
| Oklahoma | 2,253 | 381 | 85.5 | 14.5 | 2,634 |
| Oregon | 2,447 | 528 | 82.3 | 17.7 | 2,975 |
| Pennsylvania | 7,930 | 1,652 | 82.8 | 17.2 | 9,581 |
| Puerto Rico | 1,628 | 201 | 89.0 | 11.0 | 1,829 |
| Rhode Island | 659 | 151 | 81.4 | 18.6 | 809 |
| South Carolina | 2,393 | 445 | 84.3 | 15.7 | 2,838 |
| South Dakota | 494 | 67 | 88.0 | 12.0 | 561 |
| Tennessee | 3,666 | 860 | 81.0 | 19.0 | 4,526 |
| Texas | 16,676 | 4,612 | 78.3 | 21.7 | 21,288 |
| Utah | 1,571 | 421 | 78.8 | 21.2 | 1,992 |
| Vermont | 371 | 67 | 84.8 | 15.2 | 438 |
| Virgin Islands | 59 | 18 | 76.2 | 23.8 | 78 |
| Virginia | 5,136 | 1,357 | 79.1 | 20.9 | 6,493 |
| Washington | 4,404 | 1,166 | 79.1 | 20.9 | 5,570 |
| West Virginia | 968 | 142 | 87.2 | 12.8 | 1,110 |
| Wisconsin | 2,975 | 749 | 79.9 | 20.1 | 3,724 |
| Wyoming | 354 | 55 | 86.6 | 13.4 | 408 |
| Total | 196,704 | 46,693 | 80.8 | 19.2 | 243,397 |

# = Rounds to Zero.

\* = Data withheld to maintain firm confidentiality.

Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I and VI.

**Table 16**

**Connections by Technology by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alabama | 546 | 4 | \* | 592 | 9 | \* | 4 | 1,911 | 3,113 |
| Alaska | 78 | 2 | 0 | \* | 1 | \* | 4 | 369 | 584 |
| American Samoa | \* | \* | 0 | \* | \* | 0 | \* | 0 | \* |
| Arizona | 600 | 1 | \* | 1,156 | 4 | \* | 25 | 2,772 | 4,594 |
| Arkansas | 344 | # | \* | 308 | 6 | \* | 2 | 1,265 | 1,956 |
| California | 4,370 | 13 | \* | 5,222 | 710 | \* | 29 | 20,228 | 30,773 |
| Colorado | \* | 2 | 0 | 870 | 6 | \* | 45 | 2,690 | 4,352 |
| Connecticut | \* | 1 | 0 | 744 | 4 | \* | \* | 1,836 | 3,012 |
| Delaware | \* | # | 0 | \* | \* | \* | 0 | 445 | 737 |
| District of Columbia | \* | 2 | 0 | \* | 14 | \* | \* | 988 | 1,211 |
| Florida | 1,955 | 1 | \* | 3,557 | 395 | \* | 5 | 9,846 | 15,851 |
| Georgia | 1,291 | 1 | \* | 1,245 | 28 | \* | 1 | 4,938 | 7,571 |
| Guam | \* | \* | \* | \* | \* | 0 | \* | \* | 72 |
| Hawaii | \* | \* | 0 | \* | 2 | \* | \* | 742 | 1,139 |
| Idaho | 201 | # | \* | 160 | 3 | \* | 23 | 667 | 1,068 |
| Illinois | 1,519 | 7 | \* | 1,936 | 16 | \* | 36 | 6,504 | 10,085 |
| Indiana | 760 | 2 | \* | 835 | 69 | \* | 31 | 2,591 | 4,326 |
| Iowa | 393 | 2 | \* | 403 | 41 | \* | 24 | 1,009 | 1,895 |
| Kansas | 275 | 1 | \* | 455 | 47 | \* | 27 | 1,463 | 2,289 |
| Kentucky | 502 | 3 | \* | 614 | 17 | \* | 7 | 1,793 | 2,969 |
| Louisiana | 444 | 2 | \* | 625 | 39 | \* | 5 | 2,256 | 3,412 |
| Maine | 139 | 4 | 0 | 300 | 5 | \* | \* | 400 | 859 |
| Maryland | \* | 2 | 0 | 842 | \* | \* | 1 | 3,122 | 4,887 |
| Massachusetts | \* | 2 | 0 | 1,454 | \* | \* | 2 | 3,282 | 5,512 |
| Michigan | 909 | 6 | \* | 1,687 | 9 | \* | 29 | 4,572 | 7,291 |
| Minnesota | 627 | 19 | \* | 846 | 39 | \* | 20 | 2,525 | 4,111 |
| Mississippi | 309 | 1 | \* | 270 | 2 | \* | # | 1,294 | 1,915 |
| Missouri | 864 | 1 | \* | 653 | 15 | \* | 22 | 2,782 | 4,400 |
| Montana | 123 | 1 | 0 | \* | 7 | \* | 12 | \* | 682 |
| Nebraska | 175 | # | \* | 331 | 10 | \* | 16 | 746 | 1,289 |

**Table 16 - Continued**

**Connections by Technology by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nevada | 255 | # | 0 | \* | 3 | \* | 3 | 1,483 | 2,225 |
| New Hampshire | 89 | 1 | \* | 354 | 13 | \* | # | 516 | 983 |
| New Jersey | 387 | 1 | 0 | 1,830 | \* | \* | \* | 4,731 | 7,623 |
| New Mexico | 285 | # | \* | 198 | 4 | \* | 16 | 804 | 1,322 |
| New York | 841 | 7 | 0 | 4,253 | \* | \* | 2 | 10,064 | 16,182 |
| North Carolina | 1,059 | 1 | \* | 1,729 | 28 | \* | 2 | 4,216 | 7,085 |
| North Dakota | 72 | 1 | \* | 111 | 31 | \* | 6 | 311 | 536 |
| Northern Mariana Isl | \* | 0 | \* | \* | \* | 0 | \* | \* | \* |
| Ohio | 1,175 | 4 | \* | 2,057 | 47 | \* | 27 | 5,255 | 8,618 |
| Oklahoma | 391 | # | \* | 490 | 14 | \* | 13 | 1,688 | 2,634 |
| Oregon | 372 | 4 | \* | 683 | 64 | \* | 15 | 1,812 | 2,975 |
| Pennsylvania | 1,063 | 4 | 0 | 2,200 | \* | \* | 1 | 5,687 | 9,581 |
| Puerto Rico | \* | 0 | 0 | \* | \* | \* | \* | 1,264 | 1,829 |
| Rhode Island | \* | # | 0 | \* | \* | \* | \* | 470 | 809 |
| South Carolina | 477 | \* | 0 | 730 | 34 | \* | \* | 1,566 | 2,838 |
| South Dakota | 65 | \* | 0 | 141 | 22 | \* | 12 | \* | 561 |
| Tennessee | 603 | # | \* | 881 | 72 | \* | 4 | 2,911 | 4,526 |
| Texas | 2,967 | 5 | \* | 2,804 | 430 | \* | 82 | 14,803 | 21,288 |
| Utah | 314 | 1 | \* | 325 | 22 | \* | 44 | 1,275 | 1,992 |
| Vermont | 97 | \* | 0 | 109 | 5 | \* | 1 | 216 | 438 |
| Virgin Islands | \* | 0 | \* | \* | 0 | \* | \* | \* | 78 |
| Virginia | 471 | 1 | 0 | 1,187 | \* | \* | 5 | 4,154 | 6,493 |
| Washington | 597 | 3 | \* | 1,362 | 65 | \* | 10 | 3,483 | 5,570 |
| West Virginia | \* | \* | 0 | 297 | 1 | \* | 2 | 614 | 1,110 |
| Wisconsin | 651 | 19 | \* | 914 | 22 | \* | 32 | 2,053 | 3,724 |
| Wyoming | 62 | 2 | \* | 89 | 2 | \* | 11 | 236 | 408 |
| Total | 31,188 | 140 | 769 | 49,663 | 6,299 | 1,217 | 683 | 153,438 | 243,397 |

# = Rounds to Zero. Power Line and Other are summarized with Other Wireline to maintain firm confidentiality.

\* = Data withheld to maintain firm confidentiality.

Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.

**Table 17**

**Connections by Technology by State as of June 30, 2012**

**(Connections at least 3 Mbps downstream and 768 kbps upstream, in thousands)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alabama | 140 | # | 3 | 454 | 5 | \* | # | \* | 924 |
| Alaska | 28 | \* | 1 | \* | 1 | \* | \* | \* | 125 |
| American Samoa | 0 | \* | 0 | 0 | \* | 0 | \* | 0 | \* |
| Arizona | 378 | \* | 6 | 0 | 3 | \* | 7 | \* | 1,907 |
| Arkansas | 99 | \* | 2 | 210 | 4 | \* | \* | \* | 409 |
| California | 1,576 | 2 | 25 | 3,667 | 691 | \* | 15 | \* | 10,530 |
| Colorado | \* | \* | 8 | 858 | 3 | \* | 28 | 687 | 1,994 |
| Connecticut | \* | \* | 2 | 729 | 4 | \* | 0 | \* | 1,222 |
| Delaware | \* | 0 | 1 | \* | \* | \* | 0 | \* | 367 |
| District of Columbia | \* | \* | 3 | \* | \* | \* | \* | \* | 635 |
| Florida | 710 | # | 18 | 2,979 | \* | \* | 2 | 2,595 | 6,689 |
| Georgia | 450 | # | \* | 1,158 | 20 | \* | # | 2,063 | 3,702 |
| Guam | \* | \* | \* | \* | \* | 0 | \* | \* | 7 |
| Hawaii | \* | \* | # | \* | 2 | \* | \* | \* | 583 |
| Idaho | 121 | \* | 1 | 73 | 2 | \* | 5 | \* | 387 |
| Illinois | 526 | 3 | \* | 1,751 | 13 | \* | 6 | 2,971 | 5,283 |
| Indiana | 331 | # | 2 | 715 | 62 | \* | 7 | \* | 1,632 |
| Iowa | 176 | # | 1 | 131 | 26 | \* | 7 | \* | 483 |
| Kansas | 78 | # | \* | 280 | 27 | \* | 2 | 537 | 928 |
| Kentucky | 208 | \* | 1 | 476 | 9 | \* | 3 | 374 | 1,073 |
| Louisiana | 79 | \* | 2 | 452 | 27 | \* | 1 | \* | 722 |
| Maine | 81 | 1 | # | 87 | 5 | \* | \* | \* | 219 |
| Maryland | \* | # | 6 | 821 | \* | \* | # | \* | 2,390 |
| Massachusetts | \* | # | 9 | 1,428 | \* | \* | 1 | 722 | 2,783 |
| Michigan | 336 | 2 | 4 | 1,514 | 8 | \* | 7 | \* | 3,266 |
| Minnesota | 306 | 12 | \* | 744 | 26 | \* | 2 | 831 | 1,929 |
| Mississippi | 50 | \* | 1 | 203 | 1 | \* | \* | \* | 327 |
| Missouri | 283 | # | \* | 438 | 8 | \* | 2 | 1,345 | 2,087 |
| Montana | 39 | # | 1 | \* | 5 | \* | 1 | 0 | 174 |
| Nebraska | 103 | \* | 1 | 241 | 6 | \* | 1 | \* | 460 |

**Table 17 - Continued**

**Connections by Technology by State as of June 30, 2012**

**(Connections at least 3 Mbps downstream and 768 kbps upstream, in thousands)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nevada | 102 | \* | 2 | \* | 3 | \* | 3 | 696 | 1,231 |
| New Hampshire | 48 | # | 1 | 309 | 13 | \* | \* | \* | 463 |
| New Jersey | 227 | \* | 11 | 1,796 | \* | \* | \* | \* | 3,614 |
| New Mexico | 140 | # | 2 | 180 | 3 | \* | 1 | \* | 468 |
| New York | 567 | 1 | 21 | 2,876 | \* | \* | 1 | \* | 6,938 |
| North Carolina | 404 | # | \* | 321 | 22 | \* | # | 1,184 | 1,940 |
| North Dakota | 26 | # | 1 | 89 | 15 | \* | 2 | \* | 180 |
| Northern Mariana Isl | \* | 0 | 0 | 0 | \* | 0 | \* | 0 | \* |
| Ohio | 583 | \* | 5 | 651 | 43 | \* | 4 | 1,486 | 2,773 |
| Oklahoma | 101 | # | \* | 326 | 9 | \* | 5 | 210 | 654 |
| Oregon | 186 | 1 | 2 | 662 | 61 | \* | 8 | \* | 1,374 |
| Pennsylvania | 621 | \* | 9 | 1,932 | \* | \* | # | \* | 4,487 |
| Puerto Rico | \* | 0 | \* | \* | \* | \* | \* | \* | 242 |
| Rhode Island | \* | \* | 1 | \* | \* | \* | \* | \* | 446 |
| South Carolina | 159 | \* | 4 | 389 | 27 | \* | \* | 334 | 915 |
| South Dakota | 27 | 0 | # | 126 | 14 | \* | 2 | \* | 216 |
| Tennessee | 161 | # | 5 | 842 | 55 | \* | # | \* | 1,767 |
| Texas | 1,074 | # | \* | 1,723 | 390 | \* | 42 | 7,492 | 10,751 |
| Utah | 173 | # | 3 | 313 | 22 | \* | 34 | \* | 924 |
| Vermont | 64 | \* | # | 104 | 5 | \* | \* | \* | 190 |
| Virgin Islands | 0 | 0 | \* | \* | 0 | 0 | \* | 0 | \* |
| Virginia | 261 | # | 8 | 1,119 | \* | \* | 2 | \* | 3,020 |
| Washington | 329 | \* | 8 | 1,322 | 60 | \* | 3 | \* | 2,635 |
| West Virginia | \* | 0 | # | 245 | 1 | \* | 2 | \* | 428 |
| Wisconsin | 232 | 2 | \* | 484 | 15 | \* | 2 | 484 | 1,225 |
| Wyoming | 23 | \* | # | \* | 2 | \* | 1 | \* | 153 |
| Total | 12,879 | 32 | 239 | 37,798 | 6,000 | 87 | 212 | 43,025 | 100,271 |

# = Rounds to Zero. Power Line and Other are summarized with Other Wireline to maintain firm confidentiality.

\* = Data withheld to maintain firm confidentiality.

Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.

**Table 18**

**Percentage of Connections by Downstream Speed by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | *Over 200 kbps Upstream and* | | | | |
| --- | --- | --- | --- | --- | --- |
| *State* | *% over 200 kbps Downstream* | *% at least 768 kbps Downstream* | *% at least 3 Mbps Downstream* | *% at least 6 Mbps Downstream* | *% at least 10 Mbps Downstream* |
| Alabama | 94.3 | 77.2 | 38.2 | 30.8 | 18.1 |
| Alaska | 94.4 | 90.6 | 26.2 | 20.6 | 12.7 |
| American Samoa | \* | \* | \* | \* | \* |
| Arizona | 95.2 | 75.8 | 43.2 | 36.4 | 23.4 |
| Arkansas | 95.7 | 82.6 | 27.0 | 18.8 | 11.7 |
| California | 95.1 | 77.9 | 36.5 | 27.2 | 14.6 |
| Colorado | 95.6 | 79.4 | 46.8 | 40.2 | 24.9 |
| Connecticut | 95.9 | 77.8 | 42.8 | 35.3 | 23.9 |
| Delaware | 95.0 | 76.2 | 51.9 | 45.3 | 33.1 |
| District of Columbia | 93.7 | 75.7 | 52.5 | 47.1 | 14.0 |
| Florida | 96.1 | 80.8 | 48.2 | 38.2 | 23.0 |
| Georgia | 94.7 | 76.2 | 62.7 | 31.5 | 17.3 |
| Guam | \* | \* | \* | \* | \* |
| Hawaii | 97.4 | 85.8 | 52.0 | 41.4 | 19.5 |
| Idaho | 92.9 | 71.4 | 43.2 | 28.6 | 11.6 |
| Illinois | 96.2 | 83.5 | 63.4 | 34.1 | 19.7 |
| Indiana | 95.0 | 78.5 | 42.2 | 32.2 | 18.4 |
| Iowa | 95.0 | 76.0 | 41.4 | 30.9 | 19.3 |
| Kansas | 93.8 | 80.8 | 48.9 | 36.5 | 13.6 |
| Kentucky | 94.4 | 85.2 | 43.6 | 28.7 | 15.8 |
| Louisiana | 94.0 | 84.2 | 29.3 | 20.4 | 14.2 |
| Maine | 93.2 | 80.4 | 46.7 | 37.8 | 11.5 |
| Maryland | 94.6 | 77.5 | 49.0 | 40.7 | 29.5 |
| Massachusetts | 95.5 | 76.8 | 50.7 | 43.7 | 33.8 |
| Michigan | 94.6 | 75.2 | 47.3 | 35.6 | 19.7 |
| Minnesota | 95.2 | 79.1 | 50.7 | 41.7 | 24.1 |
| Mississippi | 95.0 | 65.3 | 25.5 | 16.0 | 11.6 |
| Missouri | 95.2 | 86.6 | 66.1 | 28.9 | 12.8 |
| Montana | 88.5 | 52.3 | 27.7 | 22.6 | 15.5 |
| Nebraska | 91.9 | 66.4 | 38.4 | 27.7 | 16.1 |

**Table 18 - Continued**

**Percentage of Connections by Downstream Speed by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | *Over 200 kbps Upstream and* | | | | |
| --- | --- | --- | --- | --- | --- |
| *State* | *% over 200 kbps Downstream* | *% at least 768 kbps Downstream* | *% at least 3 Mbps Downstream* | *% at least 6 Mbps Downstream* | *% at least 10 Mbps Downstream* |
| Nevada | 96.6 | 84.8 | 66.4 | 33.6 | 20.6 |
| New Hampshire | 93.3 | 69.9 | 51.2 | 42.8 | 31.9 |
| New Jersey | 94.9 | 73.6 | 47.6 | 42.1 | 33.3 |
| New Mexico | 93.9 | 74.2 | 38.0 | 32.5 | 12.1 |
| New York | 95.0 | 76.0 | 45.3 | 37.1 | 25.7 |
| North Carolina | 93.9 | 76.3 | 50.0 | 39.0 | 10.1 |
| North Dakota | 93.6 | 69.1 | 41.8 | 32.7 | 20.7 |
| Northern Mariana Isl | \* | \* | \* | \* | \* |
| Ohio | 92.4 | 72.3 | 46.6 | 34.8 | 8.3 |
| Oklahoma | 95.9 | 91.2 | 32.3 | 20.1 | 14.0 |
| Oregon | 96.3 | 82.0 | 48.0 | 39.5 | 25.8 |
| Pennsylvania | 95.0 | 78.2 | 48.8 | 38.5 | 26.3 |
| Puerto Rico | 94.5 | 87.4 | 20.8 | 12.2 | 8.3 |
| Rhode Island | 95.7 | 79.9 | 55.2 | 46.2 | 35.1 |
| South Carolina | 93.2 | 72.2 | 47.4 | 35.7 | 16.7 |
| South Dakota | 93.2 | 71.2 | 41.1 | 38.6 | 26.0 |
| Tennessee | 94.0 | 74.5 | 43.6 | 34.6 | 20.0 |
| Texas | 96.3 | 85.4 | 63.3 | 26.7 | 11.7 |
| Utah | 96.5 | 81.7 | 48.8 | 40.1 | 22.5 |
| Vermont | 93.1 | 76.7 | 44.6 | 33.4 | 18.7 |
| Virgin Islands | 96.2 | 81.6 | \* | \* | \* |
| Virginia | 94.2 | 75.6 | 47.5 | 37.6 | 25.0 |
| Washington | 96.1 | 82.0 | 49.0 | 40.9 | 26.6 |
| West Virginia | 96.3 | 90.0 | 39.9 | 37.3 | 19.1 |
| Wisconsin | 96.0 | 83.7 | 45.1 | 34.3 | 15.0 |
| Wyoming | 93.4 | 65.3 | 39.5 | 34.2 | 16.0 |
| Total | 95.1 | 78.8 | 47.6 | 33.7 | 19.3 |

\* = Data withheld to maintain firm confidentiality.

Source: FCC Form 477, Part I.

**Table 19**

**ADSL Connections by State 2008-2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Alabama | 431 | **457** | **473** | **496** | **498** | **523** | **536** | **538** | **546** |
| Alaska | 72 | **75** | **77** | **77** | **77** | **78** | **79** | **77** | **78** |
| American Samoa | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Arizona | 454 | **466** | **487** | **518** | **527** | **552** | **557** | **590** | **600** |
| Arkansas | 267 | **273** | **298** | **308** | **314** | **330** | **337** | **343** | **344** |
| California | 4,755 | **4,617** | **4,587** | **4,568** | **4,456** | **4,538** | **4,471** | **4,416** | **4,370** |
| Colorado | 575 | **624** | **641** | **651** | **658** | **663** | **\*** | **\*** | **\*** |
| Connecticut | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Delaware | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| District of Columbia | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Florida | 2,045 | **2,005** | **1,962** | **1,988** | **2,006** | **2,070** | **2,104** | **1,998** | **1,955** |
| Georgia | 1,361 | **1,240** | **1,251** | **1,256** | **1,129** | **1,413** | **1,435** | **1,282** | **1,291** |
| Guam | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Hawaii | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Idaho | 154 | **160** | **169** | **174** | **177** | **181** | **185** | **191** | **201** |
| Illinois | 1,419 | **1,503** | **1,538** | **1,556** | **1,537** | **1,577** | **1,576** | **1,549** | **1,519** |
| Indiana | 651 | **672** | **699** | **721** | **725** | **754** | **763** | **765** | **760** |
| Iowa | 322 | **336** | **351** | **362** | **373** | **376** | **381** | **389** | **393** |
| Kansas | 241 | **243** | **250** | **260** | **264** | **271** | **273** | **275** | **275** |
| Kentucky | 385 | **421** | **431** | **454** | **459** | **473** | **481** | **501** | **502** |
| Louisiana | 354 | **385** | **390** | **404** | **397** | **396** | **407** | **437** | **444** |
| Maine | 120 | **114** | **123** | **125** | **126** | **125** | **134** | **136** | **139** |
| Maryland | 495 | **471** | **440** | **405** | **\*** | **350** | **\*** | **\*** | **\*** |
| Massachusetts | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Michigan | 749 | **780** | **835** | **857** | **860** | **902** | **922** | **906** | **909** |
| Minnesota | 529 | **544** | **573** | **590** | **611** | **618** | **629** | **623** | **627** |
| Mississippi | 220 | **229** | **240** | **255** | **240** | **263** | **267** | **299** | **309** |
| Missouri | 712 | **727** | **767** | **805** | **811** | **846** | **862** | **870** | **864** |
| Montana | 108 | **108** | **111** | **115** | **119** | **119** | **123** | **122** | **123** |
| Nebraska | 143 | **151** | **158** | **164** | **167** | **169** | **173** | **175** | **175** |

**Table 19 - Continued**

**ADSL Connections by State 2008-2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Nevada | 225 | **222** | **225** | **229** | **232** | **242** | **245** | **250** | **255** |
| New Hampshire | 97 | **91** | **91** | **86** | **84** | **85** | **87** | **88** | **89** |
| New Jersey | 700 | **666** | **624** | **568** | **530** | **486** | **449** | **415** | **387** |
| New Mexico | 217 | **231** | **242** | **250** | **259** | **266** | **271** | **278** | **285** |
| New York | 1,169 | **1,122** | **1,100** | **1,046** | **1,010** | **957** | **928** | **875** | **841** |
| North Carolina | 870 | **891** | **918** | **969** | **985** | **995** | **1,026** | **1,050** | **1,059** |
| North Dakota | 60 | **65** | **64** | **67** | **67** | **69** | **71** | **71** | **72** |
| Northern Mariana Isl | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Ohio | 1,034 | **1,069** | **1,109** | **1,127** | **1,145** | **1,177** | **1,190** | **1,184** | **1,175** |
| Oklahoma | 334 | **338** | **349** | **359** | **361** | **379** | **384** | **387** | **391** |
| Oregon | 361 | **371** | **367** | **367** | **362** | **359** | **360** | **364** | **372** |
| Pennsylvania | 1,209 | **1,231** | **1,246** | **1,232** | **1,202** | **1,159** | **1,131** | **1,098** | **1,063** |
| Puerto Rico | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Rhode Island | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| South Carolina | 386 | **400** | **412** | **428** | **437** | **434** | **452** | **471** | **477** |
| South Dakota | 53 | **56** | **58** | **58** | **60** | **58** | **60** | **63** | **65** |
| Tennessee | 535 | **541** | **549** | **559** | **570** | **557** | **576** | **593** | **603** |
| Texas | 2,475 | **2,608** | **2,706** | **2,784** | **2,797** | **2,898** | **2,943** | **2,952** | **2,967** |
| Utah | 284 | **299** | **280** | **309** | **312** | **311** | **309** | **310** | **314** |
| Vermont | 73 | **61** | **79** | **81** | **84** | **85** | **87** | **94** | **97** |
| Virgin Islands | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Virginia | 561 | **553** | **547** | **536** | **527** | **507** | **498** | **486** | **471** |
| Washington | 600 | **599** | **596** | **593** | **589** | **582** | **583** | **591** | **597** |
| West Virginia | 147 | **152** | **160** | **161** | **162** | **\*** | **\*** | **\*** | **\*** |
| Wisconsin | 556 | **556** | **586** | **612** | **615** | **646** | **658** | **657** | **651** |
| Wyoming | 55 | **57** | **58** | **58** | **59** | **59** | **59** | **62** | **62** |
| Total | 29,964 | **30,198** | **30,631** | **30,987** | **30,759** | **31,470** | **31,611** | **31,341** | **31,188** |

# = Rounds to Zero.

\* = Data withheld to maintain firm confidentiality.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.

**Table 20**

**Cable Modem Connections by State 2008-2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Alabama | 417 | **460** | **478** | **497** | **513** | **539** | **556** | **576** | **592** |
| Alaska | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| American Samoa | 0 | **0** | **0** | **0** | **0** | **\*** | **\*** | **\*** | **\*** |
| Arizona | 992 | **1,044** | **1,039** | **1,104** | **1,096** | **1,161** | **1,104** | **1,169** | **1,156** |
| Arkansas | 236 | **227** | **252** | **262** | **267** | **278** | **288** | **301** | **308** |
| California | 3,799 | **3,990** | **4,144** | **4,224** | **4,418** | **4,639** | **4,853** | **5,034** | **5,222** |
| Colorado | 626 | **659** | **693** | **709** | **744** | **787** | **817** | **848** | **870** |
| Connecticut | 576 | **615** | **626** | **640** | **672** | **673** | **713** | **723** | **744** |
| Delaware | \* | **\*** | **\*** | **\*** | **158** | **156** | **164** | **\*** | **\*** |
| District of Columbia | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Florida | 2,631 | **2,825** | **2,859** | **2,992** | **3,076** | **3,292** | **3,313** | **3,549** | **3,557** |
| Georgia | 904 | **974** | **1,020** | **1,022** | **1,052** | **1,114** | **1,151** | **1,190** | **1,245** |
| Guam | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Hawaii | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Idaho | 127 | **121** | **130** | **133** | **137** | **145** | **150** | **158** | **160** |
| Illinois | 1,625 | **1,591** | **1,575** | **1,577** | **1,630** | **1,696** | **1,768** | **1,857** | **1,936** |
| Indiana | 456 | **626** | **641** | **669** | **697** | **728** | **766** | **801** | **835** |
| Iowa | 309 | **330** | **344** | **360** | **376** | **389** | **395** | **397** | **403** |
| Kansas | 380 | **415** | **419** | **435** | **434** | **441** | **447** | **456** | **455** |
| Kentucky | 482 | **452** | **483** | **497** | **512** | **530** | **565** | **597** | **614** |
| Louisiana | 481 | **518** | **544** | **559** | **562** | **586** | **593** | **612** | **625** |
| Maine | 197 | **202** | **224** | **237** | **259** | **269** | **286** | **282** | **300** |
| Maryland | 871 | **801** | **757** | **768** | **778** | **773** | **797** | **826** | **842** |
| Massachusetts | 1,159 | **1,291** | **1,253** | **1,250** | **1,339** | **1,343** | **1,401** | **1,415** | **1,454** |
| Michigan | 1,307 | **1,394** | **1,431** | **1,451** | **1,517** | **1,537** | **1,603** | **1,643** | **1,687** |
| Minnesota | 622 | **666** | **685** | **701** | **739** | **776** | **800** | **820** | **846** |
| Mississippi | 188 | **216** | **227** | **232** | **241** | **246** | **258** | **263** | **270** |
| Missouri | 517 | **560** | **561** | **586** | **599** | **604** | **617** | **623** | **653** |
| Montana | 90 | **92** | **102** | **108** | **113** | **119** | **127** | **\*** | **\*** |
| Nebraska | 262 | **278** | **286** | **295** | **293** | **309** | **316** | **324** | **331** |

**Table 20 - Continued**

**Cable Modem Connections by State 2008-2012**

**(Connections over 200 kbps in at least one direction, in thousands)**

|  | *2008* | | *2009* | | *2010* | | *2011* | | *2012* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* | *Dec* | *Jun* |
| Nevada | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| New Hampshire | 250 | **285** | **295** | **303** | **329** | **325** | **340** | **342** | **354** |
| New Jersey | 1,586 | **1,637** | **1,604** | **1,623** | **1,698** | **1,702** | **1,759** | **1,775** | **1,830** |
| New Mexico | 137 | **146** | **155** | **158** | **168** | **176** | **190** | **193** | **198** |
| New York | 3,548 | **3,749** | **3,850** | **3,886** | **3,982** | **4,013** | **4,091** | **4,116** | **4,253** |
| North Carolina | 1,266 | **1,344** | **1,392** | **1,444** | **1,513** | **1,554** | **1,566** | **1,653** | **1,729** |
| North Dakota | 83 | **85** | **88** | **93** | **90** | **101** | **96** | **108** | **111** |
| Northern Mariana Isl | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Ohio | 1,627 | **1,705** | **1,757** | **1,813** | **1,862** | **1,895** | **1,943** | **2,025** | **2,057** |
| Oklahoma | 382 | **408** | **429** | **432** | **436** | **468** | **474** | **487** | **490** |
| Oregon | 554 | **517** | **528** | **542** | **576** | **608** | **640** | **662** | **683** |
| Pennsylvania | 1,492 | **1,800** | **1,777** | **1,835** | **1,915** | **1,983** | **2,057** | **2,135** | **2,200** |
| Puerto Rico | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Rhode Island | \* | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| South Carolina | 517 | **555** | **582** | **598** | **627** | **660** | **664** | **691** | **730** |
| South Dakota | 115 | **122** | **122** | **127** | **118** | **134** | **124** | **138** | **141** |
| Tennessee | 715 | **718** | **739** | **751** | **784** | **795** | **824** | **853** | **881** |
| Texas | 2,214 | **1,971** | **2,280** | **2,383** | **2,456** | **2,459** | **2,577** | **2,686** | **2,804** |
| Utah | 212 | **\*** | **243** | **253** | **268** | **283** | **303** | **310** | **325** |
| Vermont | \* | **71** | **80** | **83** | **93** | **97** | **104** | **106** | **109** |
| Virgin Islands | 0 | **0** | **0** | **0** | **0** | **0** | **0** | **\*** | **\*** |
| Virginia | 941 | **1,096** | **1,097** | **1,105** | **1,114** | **1,124** | **1,141** | **1,154** | **1,187** |
| Washington | 944 | **998** | **1,102** | **1,106** | **1,186** | **1,239** | **1,296** | **1,329** | **1,362** |
| West Virginia | 167 | **205** | **215** | **226** | **220** | **255** | **274** | **285** | **297** |
| Wisconsin | 711 | **759** | **779** | **802** | **823** | **846** | **870** | **897** | **914** |
| Wyoming | \* | **64** | **70** | **74** | **76** | **80** | **82** | **85** | **89** |
| Total | 38,190 | **40,251** | **41,434** | **42,439** | **43,923** | **45,334** | **46,698** | **48,257** | **49,663** |

# = Rounds to Zero.

\* = Data withheld to maintain firm confidentiality.

Note: Some historical data have been revised. Figures may not sum to totals due to rounding.

Source: FCC Form 477, Part I.

**Table 21**

**Providers of Connections by Technology by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Power Line and Other* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alabama | 24 | 9 | 22 | 20 | 25 | \* | 15 | 7 | 0 | 74 |
| Alaska | 13 | 4 | 9 | 4 | 6 | 4 | 9 | 7 | 0 | 27 |
| American Samoa | \* | \* | 0 | \* | \* | 0 | \* | 0 | 0 | \* |
| Arizona | 24 | 6 | 27 | 11 | 24 | 4 | 22 | 6 | 0 | 74 |
| Arkansas | 21 | 7 | 13 | 16 | 15 | \* | 7 | 6 | 0 | 54 |
| California | 36 | 18 | 50 | 23 | 27 | \* | 36 | 10 | 0 | 122 |
| Colorado | 37 | 8 | 34 | 16 | 26 | \* | 31 | 11 | 0 | 96 |
| Connecticut | 8 | 8 | 22 | 8 | 12 | \* | \* | 5 | 0 | 39 |
| Delaware | 6 | 4 | 17 | \* | 5 | \* | 0 | 6 | 0 | 28 |
| District of Columbia | 11 | 8 | 25 | \* | 9 | \* | \* | 5 | 0 | 37 |
| Florida | 26 | 16 | 47 | 17 | 34 | \* | 16 | 7 | 0 | 94 |
| Georgia | 35 | 16 | 41 | 31 | 38 | \* | 9 | 8 | 0 | 105 |
| Guam | \* | \* | \* | \* | \* | 0 | \* | \* | 0 | 5 |
| Hawaii | 5 | 4 | 7 | \* | 6 | \* | \* | 5 | 0 | 22 |
| Idaho | 25 | 4 | 20 | 14 | 20 | \* | 14 | 8 | 0 | 59 |
| Illinois | 57 | 20 | 49 | 20 | 31 | \* | 47 | 11 | 0 | 145 |
| Indiana | 36 | 9 | 34 | 13 | 37 | \* | 41 | 7 | 0 | 99 |
| Iowa | 126 | 30 | 27 | 41 | 80 | \* | 70 | 11 | 0 | 206 |
| Kansas | 39 | 13 | 26 | 29 | 36 | \* | 31 | 11 | 0 | 97 |
| Kentucky | 26 | 9 | 23 | 27 | 23 | \* | 17 | 9 | 0 | 88 |
| Louisiana | 17 | 7 | 22 | 15 | 19 | \* | 8 | 7 | 0 | 59 |
| Maine | 12 | 10 | 16 | 5 | 11 | \* | \* | 5 | 0 | 32 |
| Maryland | 16 | 11 | 31 | 12 | 14 | \* | 7 | 7 | 0 | 61 |
| Massachusetts | 17 | 8 | 33 | 10 | 11 | \* | 8 | 6 | 0 | 58 |
| Michigan | 39 | 20 | 36 | 19 | 21 | \* | 27 | 9 | 0 | 100 |
| Minnesota | 51 | 20 | 32 | 17 | 46 | \* | 32 | 6 | 0 | 107 |
| Mississippi | 19 | 5 | 21 | 10 | 11 | \* | 4 | 6 | 0 | 49 |
| Missouri | 37 | 14 | 33 | 19 | 32 | \* | 42 | 8 | 0 | 109 |
| Montana | 24 | 8 | 16 | 6 | 13 | \* | 16 | \* | 0 | 47 |
| Nebraska | 35 | 7 | 14 | 21 | 30 | \* | 26 | 8 | 0 | 75 |

**Table 21 - Continued**

**Providers of Connections by Technology by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

| *State* | *ADSL* | *SDSL* | *Other Wireline* | *Cable Modem* | *Fiber* | *Satellite* | *Fixed Wireless* | *Mobile Wireless* | *Power Line and Other* | *Total* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nevada | 18 | 8 | 24 | 6 | 14 | \* | 7 | 7 | 0 | 55 |
| New Hampshire | 14 | 8 | 17 | 5 | 11 | \* | 5 | 6 | 0 | 39 |
| New Jersey | 21 | 12 | 40 | 6 | 15 | \* | \* | 6 | 0 | 57 |
| New Mexico | 22 | 10 | 19 | 7 | 12 | \* | 17 | 10 | 0 | 54 |
| New York | 44 | 16 | 39 | 19 | 26 | \* | 15 | 6 | 0 | 93 |
| North Carolina | 27 | 7 | 29 | 21 | 28 | \* | 8 | 10 | 0 | 78 |
| North Dakota | 31 | 9 | 18 | 7 | 17 | \* | 13 | 4 | 0 | 49 |
| Northern Mariana Isl | \* | 0 | \* | \* | \* | 0 | \* | \* | 0 | \* |
| Ohio | 39 | 11 | 32 | 27 | 33 | \* | 23 | 8 | \* | 104 |
| Oklahoma | 41 | 9 | 24 | 17 | 21 | \* | 17 | 10 | 0 | 84 |
| Oregon | 40 | 12 | 31 | 14 | 34 | \* | 22 | 6 | 0 | 85 |
| Pennsylvania | 34 | 11 | 41 | 25 | 25 | \* | 9 | 7 | 0 | 90 |
| Puerto Rico | \* | 0 | 5 | \* | \* | \* | \* | 5 | 0 | 14 |
| Rhode Island | 7 | 4 | 12 | 4 | 6 | \* | \* | 5 | 0 | 25 |
| South Carolina | 21 | \* | 20 | 15 | 15 | \* | \* | 9 | 0 | 48 |
| South Dakota | 31 | \* | 13 | 7 | 21 | \* | 20 | 4 | 0 | 57 |
| Tennessee | 22 | 12 | 24 | 17 | 23 | \* | 16 | 7 | 0 | 79 |
| Texas | 71 | 21 | 59 | 33 | 48 | \* | 60 | 11 | 0 | 172 |
| Utah | 20 | 9 | 19 | 8 | 17 | \* | 12 | 7 | 0 | 53 |
| Vermont | 10 | \* | 17 | 5 | 9 | \* | 4 | 4 | 0 | 37 |
| Virgin Islands | \* | 0 | \* | \* | 0 | \* | \* | \* | 0 | 7 |
| Virginia | 26 | 14 | 33 | 15 | 22 | \* | 17 | 8 | 0 | 75 |
| Washington | 33 | 7 | 38 | 17 | 26 | \* | 21 | 7 | 0 | 86 |
| West Virginia | 7 | \* | 18 | 12 | 9 | \* | 6 | 8 | 0 | 47 |
| Wisconsin | 47 | 18 | 26 | 18 | 32 | \* | 30 | 8 | 0 | 97 |
| Wyoming | 14 | 6 | 9 | 4 | 5 | \* | 13 | 7 | 0 | 37 |
| Total | 860 | 249 | 258 | 399 | 642 | 5 | 707 | 68 | \* | 1,662 |

\* Indicates one to three providers.

Source: FCC Form 477, Part I.

**Table 22**

**Percentage of Residential End-User Premises with Access to Services**

**over 200 kbps in at Least One Direction by State as of June 30, 2012**

| *State* | *xDSL Availability Where ILECs Offer Local Telephone Service* | *Cable Modem Availability Where Cable Systems Offer Cable TV Service* |
| --- | --- | --- |
| Alabama | 83 | 93 |
| Alaska | 81 | \* |
| American Samoa | \* | \* |
| Arizona | 92 | 99 |
| Arkansas | 83 | 84 |
| California | 87 | 99 |
| Colorado | \* | 99 |
| Connecticut | \* | 100 |
| Delaware | \* | \* |
| District of Columbia | \* | \* |
| Florida | 87 | 97 |
| Georgia | 94 | 93 |
| Guam | \* | \* |
| Hawaii | \* | \* |
| Idaho | 88 | 98 |
| Illinois | 89 | 97 |
| Indiana | 87 | 97 |
| Iowa | 87 | 93 |
| Kansas | 86 | 96 |
| Kentucky | 88 | 94 |
| Louisiana | 85 | 95 |
| Maine | 86 | 96 |
| Maryland | \* | 99 |
| Massachusetts | \* | 99 |
| Michigan | 81 | 98 |
| Minnesota | 92 | 97 |
| Mississippi | 81 | 91 |
| Missouri | 85 | 96 |
| Montana | 86 | \* |
| Nebraska | 88 | 94 |
| Nevada | 92 | \* |
| New Hampshire | 89 | 98 |
| New Jersey | 78 | 100 |
| New Mexico | 89 | 95 |
| New York | 74 | 99 |
| North Carolina | 95 | 95 |
| North Dakota | 90 | 92 |
| Northern Mariana Isl | \* | \* |
| Ohio | 90 | 98 |
| Oklahoma | 83 | 94 |
| Oregon | 92 | 98 |
| Pennsylvania | 81 | 97 |
| Puerto Rico | \* | \* |
| Rhode Island | \* | \* |
| South Carolina | 92 | 95 |
| South Dakota | 83 | 87 |
| Tennessee | 86 | 99 |
| Texas | 83 | 98 |
| Utah | 96 | 96 |
| Vermont | 92 | 71 |
| Virgin Islands | \* | \* |
| Virginia | 67 | 98 |
| Washington | 91 | 96 |
| West Virginia | \* | 93 |
| Wisconsin | 88 | 98 |
| Wyoming | 84 | 95 |
| Total | 85 | 97 |

\* = Data withheld to maintain firm confidentiality.

Note: This table summarizes responses to Form 477 questions about service availability, as opposed to subscribership. xDSL includes both asymmetric

and symmetric DSL. Each state-specific estimate is a weighted average of the availability percentages that ILECs or cable system operators report

for the areas they serve. Reported xDSL availability is weighted by ILEC end-user switched access lines and VoIP lines. Reported cable modem

availability is weighted by cable TV subscribers. The weighted averages include ILECs or cable system operators that report no availability.

Figures are presented to the nearest percent.

Source: FCC Form 477, Parts I and II; Warren Communications News, Inc., Television & Cable Factbook: Online (Cable General Information, February 2010).



**Table 23**

**Distribution of Counties by Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction**

**to County Households by Technology as of June 30, 2012**

|  | *Ratio of Residential Fixed Connections to County Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| aDSL | 0.5 | 1.8 | 4.9 | 26.1 | 31.4 | 21.2 | 9.4 | 3.4 | 0.9 | 0.3 | 0.1 |
| sDSL | 83.9 | 15.4 | 0.4 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Wireline | 97.7 | 2.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cable Modem | 13.5 | 9.1 | 9.4 | 18.0 | 17.2 | 14.6 | 10.9 | 5.0 | 1.9 | 0.2 | 0.2 |
| FTTP | 57.8 | 29.2 | 4.4 | 3.7 | 2.4 | 1.2 | 0.6 | 0.4 | 0.3 | 0.0 | 0.0 |
| Satellite | 0.5 | 83.2 | 13.0 | 3.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fixed Wireless | 43.8 | 44.2 | 7.6 | 3.6 | 0.6 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Power Line | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Other | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.1 | 0.1 | 0.2 | 0.7 | 3.6 | 9.4 | 19.2 | 26.5 | 34.1 | 5.5 | 0.7 |

Note: Figures may not sum to totals due to rounding. See Technical Notes at the end of the report.

Sources: FCC Form 477, Part VI; Geolytics 2011 Block-Level Estimates; and Census 2010. 2010 housing units proxy households in island area counties.



**Table 24**

**Distribution of Census Tracts by Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction**

**to Tract Households by Technology as of June 30, 2012**

|  | *Ratio of Residential Fixed Connections to Tract Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| aDSL | 1.3 | 8.3 | 11.1 | 28.4 | 23.6 | 14.8 | 7.5 | 3.0 | 1.4 | 0.3 | 0.3 |
| sDSL | 96.5 | 3.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Wireline | 99.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cable Modem | 5.8 | 3.5 | 2.6 | 8.8 | 15.3 | 18.8 | 17.1 | 13.6 | 11.9 | 1.8 | 0.9 |
| FTTP | 73.2 | 10.7 | 2.0 | 3.0 | 3.4 | 3.4 | 2.3 | 1.2 | 0.6 | 0.1 | 0.0 |
| Satellite | 46.7 | 47.7 | 3.7 | 1.6 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fixed Wireless | 84.4 | 12.3 | 1.7 | 1.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Power Line | 99.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Other | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.6 | 0.2 | 0.3 | 1.1 | 2.9 | 6.1 | 9.9 | 14.2 | 36.6 | 24.4 | 3.7 |

Note: Figures may not sum to totals due to rounding. See Technical Notes at the end of the report.

Sources: FCC Form 477, Part VI; Geolytics 2011 Block-Level Estimates; and Census 2000.

**Table 25**

**Percentage of Census Tracts with Residential Fixed Connections by Technology as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | *Number of Providers* | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Technology* | *Zero* | *One* | *Two* | *Three* | *Four* | *Five* | *Six* | *Seven or More* |
| aDSL | 1.3 | 48.0 | 35.9 | 12.5 | 1.9 | 0.3 | 0.0 | 0.0 |
| sDSL | 96.5 | 3.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Wireline | 99.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cable Modem | 5.8 | 81.4 | 12.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| FTTP | 73.2 | 26.1 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Satellite | 46.7 | 24.0 | 26.9 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fixed Wireless | 84.4 | 12.0 | 2.9 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 |
| Power Line | 99.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| aDSL and/or Cable Modem and/or FTTP | 0.8 | 2.9 | 40.9 | 35.5 | 15.8 | 3.4 | 0.6 | 0.1 |
| Any Technology | 0.6 | 0.6 | 18.4 | 27.6 | 25.9 | 15.6 | 7.1 | 4.2 |

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

Sources: FCC Form 477, Part VI and Census 2010.

**Table 26**

**Distribution of Counties by Ratio of Residential Fixed Connections to County Households by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | | *Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction to County Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Counties* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| Alabama | 67 | 0 | 0 | 0 | 2 | 4 | 9 | 30 | 9 | 13 | 0 | 0 |
| Alaska | 29 | 0 | 0 | 1 | 2 | 1 | 3 | 7 | 0 | 14 | 0 | 1 |
| American Samoa | 5 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 | 6 | 0 | 0 |
| Arkansas | 75 | 0 | 0 | 0 | 0 | 3 | 23 | 31 | 10 | 8 | 0 | 0 |
| California | 58 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 8 | 34 | 10 | 1 |
| Colorado | 64 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 17 | 22 | 9 | 6 |
| Connecticut | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 |
| Delaware | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| District of Columbia | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Florida | 67 | 0 | 0 | 0 | 0 | 2 | 1 | 13 | 9 | 31 | 9 | 2 |
| Georgia | 159 | 0 | 0 | 1 | 2 | 10 | 18 | 37 | 35 | 47 | 9 | 0 |
| Guam | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Hawaii | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| Idaho | 44 | 0 | 0 | 0 | 0 | 2 | 4 | 14 | 11 | 12 | 0 | 1 |
| Illinois | 102 | 0 | 0 | 1 | 1 | 2 | 7 | 20 | 38 | 29 | 3 | 1 |
| Indiana | 92 | 0 | 0 | 0 | 0 | 1 | 5 | 23 | 37 | 24 | 2 | 0 |
| Iowa | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 46 | 43 | 2 | 0 |
| Kansas | 105 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 37 | 48 | 3 | 0 |
| Kentucky | 120 | 0 | 0 | 0 | 0 | 4 | 10 | 31 | 36 | 36 | 3 | 0 |
| Louisiana | 64 | 0 | 0 | 0 | 0 | 4 | 10 | 18 | 14 | 18 | 0 | 0 |
| Maine | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 4 | 0 |
| Maryland | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 14 | 5 | 0 |
| Massachusetts | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 4 | 3 |
| Michigan | 83 | 0 | 0 | 0 | 0 | 2 | 7 | 15 | 29 | 27 | 3 | 0 |
| Minnesota | 87 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 28 | 50 | 2 | 0 |
| Mississippi | 82 | 0 | 0 | 0 | 2 | 15 | 30 | 17 | 11 | 6 | 1 | 0 |
| Missouri | 115 | 0 | 0 | 1 | 1 | 3 | 16 | 33 | 39 | 20 | 2 | 0 |
| Montana | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24 | 22 | 0 | 0 |
| Nebraska | 93 | 0 | 0 | 0 | 0 | 0 | 7 | 17 | 35 | 33 | 1 | 0 |

**Table 26 - Continued**

**Distribution of Counties by Ratio of Residential Fixed Connections to County Households by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | | *Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction to County Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Counties* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| Nevada | 17 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 3 | 7 | 0 | 0 |
| New Hampshire | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 5 | 0 |
| New Jersey | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | 1 |
| New Mexico | 33 | 0 | 0 | 0 | 0 | 2 | 7 | 7 | 8 | 7 | 2 | 0 |
| New York | 62 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 41 | 10 | 1 |
| North Carolina | 100 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 25 | 37 | 11 | 1 |
| North Dakota | 53 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 9 | 35 | 4 | 0 |
| Northern Mariana Isl | 4 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 88 | 0 | 0 | 0 | 0 | 0 | 3 | 11 | 27 | 45 | 2 | 0 |
| Oklahoma | 77 | 0 | 0 | 0 | 0 | 8 | 17 | 20 | 22 | 10 | 0 | 0 |
| Oregon | 36 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 13 | 19 | 0 | 0 |
| Pennsylvania | 67 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 12 | 38 | 11 | 2 |
| Puerto Rico | 78 | 0 | 0 | 0 | 0 | 18 | 21 | 29 | 9 | 1 | 0 | 0 |
| Rhode Island | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| South Carolina | 46 | 0 | 0 | 0 | 0 | 2 | 9 | 8 | 14 | 11 | 2 | 0 |
| South Dakota | 66 | 0 | 0 | 0 | 0 | 1 | 4 | 5 | 21 | 32 | 3 | 0 |
| Tennessee | 95 | 0 | 0 | 0 | 1 | 4 | 15 | 36 | 23 | 15 | 1 | 0 |
| Texas | 254 | 0 | 0 | 0 | 0 | 11 | 33 | 73 | 71 | 60 | 5 | 1 |
| Utah | 29 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 9 | 15 | 1 | 1 |
| Vermont | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 5 | 0 |
| Virgin Islands | 3 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 134 | 0 | 0 | 1 | 6 | 11 | 12 | 21 | 38 | 29 | 16 | 0 |
| Washington | 39 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 9 | 24 | 1 | 0 |
| West Virginia | 55 | 0 | 0 | 0 | 0 | 1 | 5 | 9 | 24 | 15 | 1 | 0 |
| Wisconsin | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19 | 46 | 2 | 1 |
| Wyoming | 23 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 6 | 12 | 1 | 0 |
| Total | 3,234 | 3 | 2 | 5 | 22 | 116 | 304 | 621 | 857 | 1104 | 177 | 23 |

Note: Figures may not sum to totals due to rounding. See Technical Notes at the end of the report.

Sources: FCC Form 477, Part VI (Connections); Geolytics 2011 Block-Level Estimates (Households for U.S. and District of Columbia); Census 2010 (Housing units for Puerto Rico, American Samoa,

Guam, Northern Mariana Islands and U.S. Virgin Islands).

**Table 27**

**Distribution of Census Tracts by Ratio of Residential Fixed Connections to Tract Households by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | | *Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction to Tract Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Tracts* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| Alabama | 1,179 | 4 | 2 | 1 | 30 | 92 | 176 | 233 | 207 | 318 | 97 | 19 |
| Alaska | 167 | 2 | 2 | 1 | 5 | 6 | 7 | 11 | 20 | 79 | 23 | 11 |
| American Samoa | 18 | 3 | 6 | 1 | 2 | 2 | 0 | 2 | 1 | 0 | 1 | 0 |
| Arizona | 1,526 | 18 | 14 | 7 | 18 | 40 | 81 | 134 | 200 | 525 | 418 | 71 |
| Arkansas | 686 | 0 | 2 | 1 | 22 | 66 | 125 | 146 | 109 | 162 | 41 | 12 |
| California | 8,036 | 40 | 14 | 13 | 56 | 79 | 207 | 483 | 841 | 2,938 | 3,055 | 310 |
| Colorado | 1,249 | 12 | 0 | 2 | 3 | 9 | 27 | 79 | 158 | 456 | 427 | 76 |
| Connecticut | 829 | 3 | 0 | 0 | 0 | 3 | 14 | 45 | 60 | 273 | 408 | 23 |
| Delaware | 215 | 1 | 0 | 0 | 1 | 0 | 2 | 16 | 26 | 78 | 70 | 21 |
| District of Columbia | 179 | 1 | 0 | 0 | 0 | 0 | 3 | 22 | 26 | 75 | 46 | 6 |
| Florida | 4,199 | 30 | 3 | 4 | 11 | 51 | 137 | 332 | 559 | 1,690 | 1,131 | 251 |
| Georgia | 1,964 | 10 | 5 | 1 | 23 | 78 | 187 | 290 | 316 | 650 | 352 | 52 |
| Guam | 56 | 6 | 2 | 0 | 4 | 2 | 2 | 0 | 1 | 3 | 3 | 33 |
| Hawaii | 326 | 7 | 1 | 1 | 3 | 0 | 2 | 11 | 23 | 128 | 108 | 42 |
| Idaho | 298 | 1 | 0 | 1 | 0 | 7 | 19 | 46 | 87 | 113 | 20 | 4 |
| Illinois | 3,121 | 7 | 5 | 3 | 26 | 80 | 249 | 376 | 485 | 1,166 | 674 | 50 |
| Indiana | 1,508 | 3 | 2 | 3 | 5 | 35 | 100 | 262 | 357 | 542 | 177 | 22 |
| Iowa | 825 | 2 | 1 | 1 | 1 | 8 | 20 | 82 | 212 | 420 | 69 | 9 |
| Kansas | 770 | 7 | 1 | 0 | 4 | 14 | 48 | 92 | 175 | 275 | 130 | 24 |
| Kentucky | 1,115 | 8 | 0 | 2 | 14 | 43 | 87 | 192 | 227 | 382 | 130 | 30 |
| Louisiana | 1,136 | 10 | 0 | 2 | 16 | 60 | 154 | 214 | 216 | 350 | 100 | 14 |
| Maine | 351 | 0 | 0 | 0 | 0 | 2 | 5 | 22 | 40 | 178 | 77 | 27 |
| Maryland | 1,394 | 7 | 0 | 1 | 1 | 16 | 67 | 90 | 128 | 467 | 560 | 57 |
| Massachusetts | 1,471 | 9 | 0 | 0 | 1 | 5 | 6 | 33 | 107 | 572 | 658 | 80 |
| Michigan | 2,767 | 24 | 1 | 4 | 40 | 172 | 251 | 290 | 362 | 1,001 | 586 | 36 |
| Minnesota | 1,335 | 4 | 0 | 2 | 6 | 6 | 31 | 106 | 257 | 621 | 289 | 13 |
| Mississippi | 661 | 3 | 1 | 6 | 18 | 87 | 153 | 120 | 93 | 134 | 32 | 14 |
| Missouri | 1,393 | 3 | 4 | 4 | 16 | 93 | 138 | 201 | 272 | 433 | 205 | 24 |
| Montana | 271 | 2 | 0 | 2 | 2 | 3 | 15 | 32 | 74 | 110 | 23 | 8 |
| Nebraska | 532 | 2 | 0 | 1 | 0 | 2 | 25 | 58 | 114 | 216 | 91 | 23 |

**Table 27 - Continued**

**Distribution of Census Tracts by Ratio of Residential Fixed Connections to Tract Households by State as of June 30, 2012**

**(Connections over 200 kbps in at least one direction)**

|  | | *Ratio of Residential Fixed Connections over 200 kbps in at Least One Direction to Tract Households* | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *State* | *Tracts* | *Zero* | *Greater than 0 and no more than 5%* | *Greater than 5 and no more than 10%* | *Greater than 10 and no more than 20%* | *Greater than 20 and no more than 30%* | *Greater than 30 and no more than 40%* | *Greater than 40 and no more than 50%* | *Greater than 50 and no more than 60%* | *Greater than 60 and no more than 80%* | *Greater than 80 and no more than 100%* | *100% or more* |
| Nevada | 683 | 5 | 0 | 3 | 9 | 25 | 45 | 73 | 92 | 252 | 151 | 28 |
| New Hampshire | 294 | 2 | 0 | 1 | 0 | 0 | 0 | 6 | 17 | 114 | 139 | 15 |
| New Jersey | 2,004 | 8 | 1 | 2 | 1 | 0 | 10 | 32 | 112 | 754 | 984 | 100 |
| New Mexico | 499 | 5 | 11 | 4 | 9 | 27 | 53 | 86 | 87 | 155 | 47 | 15 |
| New York | 4,900 | 65 | 2 | 9 | 20 | 37 | 119 | 158 | 452 | 2,295 | 1,541 | 202 |
| North Carolina | 2,183 | 14 | 1 | 1 | 9 | 52 | 134 | 282 | 370 | 719 | 421 | 180 |
| North Dakota | 205 | 0 | 0 | 0 | 0 | 3 | 6 | 17 | 34 | 106 | 28 | 11 |
| Northern Mariana Isl | 22 | 3 | 2 | 0 | 1 | 3 | 0 | 0 | 2 | 1 | 1 | 9 |
| Ohio | 2,946 | 6 | 0 | 2 | 12 | 76 | 214 | 319 | 495 | 1,226 | 541 | 55 |
| Oklahoma | 1,046 | 1 | 9 | 12 | 34 | 76 | 136 | 177 | 171 | 265 | 138 | 27 |
| Oregon | 827 | 2 | 0 | 0 | 1 | 1 | 13 | 53 | 166 | 419 | 165 | 7 |
| Pennsylvania | 3,217 | 13 | 2 | 3 | 20 | 34 | 78 | 220 | 497 | 1,455 | 749 | 146 |
| Puerto Rico | 903 | 15 | 2 | 27 | 167 | 171 | 176 | 116 | 79 | 54 | 31 | 65 |
| Rhode Island | 241 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 129 | 76 | 10 |
| South Carolina | 1,097 | 9 | 0 | 0 | 12 | 60 | 121 | 187 | 186 | 322 | 136 | 64 |
| South Dakota | 222 | 1 | 0 | 0 | 1 | 3 | 8 | 20 | 44 | 113 | 28 | 4 |
| Tennessee | 1,497 | 14 | 2 | 3 | 22 | 92 | 181 | 299 | 284 | 424 | 149 | 27 |
| Texas | 5,253 | 29 | 11 | 33 | 104 | 269 | 621 | 769 | 739 | 1,433 | 1,030 | 215 |
| Utah | 588 | 5 | 1 | 3 | 2 | 5 | 6 | 33 | 80 | 281 | 143 | 29 |
| Vermont | 184 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 18 | 101 | 48 | 13 |
| Virgin Islands | 29 | 0 | 0 | 1 | 4 | 6 | 4 | 3 | 4 | 4 | 0 | 3 |
| Virginia | 1,895 | 18 | 3 | 12 | 34 | 68 | 98 | 182 | 226 | 472 | 693 | 89 |
| Washington | 1,446 | 1 | 0 | 2 | 7 | 19 | 42 | 80 | 163 | 646 | 456 | 30 |
| West Virginia | 484 | 0 | 4 | 6 | 17 | 13 | 39 | 73 | 95 | 177 | 41 | 19 |
| Wisconsin | 1,393 | 2 | 3 | 1 | 6 | 30 | 73 | 116 | 251 | 677 | 212 | 22 |
| Wyoming | 132 | 1 | 0 | 0 | 3 | 3 | 6 | 10 | 20 | 71 | 17 | 1 |
| Total | 73,767 | 449 | 120 | 189 | 823 | 2,134 | 4,522 | 7,336 | 10,460 | 27,020 | 17,966 | 2,748 |

Note: Figures may not sum to totals due to rounding. See Technical Notes at the end of the report.

Sources: FCC Form 477, Part VI (Connections); Geolytics 2011 Block-Level Estimates (Households for U.S. and District of Columbia); Census 2000 (Households for Puerto Rico, American Samoa,

Guam, Northern Mariana Islands and U.S. Virgin Islands).

























