

CensusNBM¹ Report 254
National Broadband Availability for Housing Units by Technology - June 30, 2019

| Total US Broadband by Advertised Download/Upload Speeds | | | |
|--|-----------------------|---------------------|---------------------|
| Technology | > 768 K DL / 200 K UL | > 3 M DL / 768 K UL | > 6 M DL / 1.5 M UL |
| Any Fixed Technology Except Satellite | 98.9% | 98.4% | 98.0% |
| Any Wired Technology | 96.9% | 96.0% | 95.2% |
| Any Wired Technology Except Cable | 93.2% | 86.4% | 78.4% |
| DSL | 88.4% | 78.2% | 64.0% |
| Asymmetric xDSL | 60.6% | 28.8% | 20.1% |
| ADSL2 | 57.6% | 49.0% | 19.1% |
| VDSL | 47.2% | 46.6% | 45.7% |
| Symmetric xDSL | 0.6% | 0.2% | 0.2% |
| Copper | 2.3% | 2.3% | 2.3% |
| Fiber | 40.4% | 40.4% | 39.4% |
| Cable | 88.8% | 88.8% | 88.7% |
| DOCSIS 3.1 | 79.2% | 79.2% | 79.2% |
| DOCSIS 3.0 | 2.7% | 2.7% | 2.7% |
| DOCSIS 1 - 1.1 - 2.0 | 0.8% | 0.8% | 0.7% |
| Cable Other | 1.3% | 1.3% | 1.3% |
| Terrestrial Fixed Wireless | 44.8% | 41.1% | 40.0% |
| Satellite | 100.0% | 99.9% | 99.9% |

| Rural US Broadband by Advertised Download/Upload Speeds | | | |
|--|-----------------------|---------------------|---------------------|
| Technology | > 768 K DL / 200 K UL | > 3 M DL / 768 K UL | > 6 M DL / 1.5 M UL |
| Any Fixed Technology Except Satellite | 96.3% | 94.3% | 92.6% |
| Any Wired Technology | 88.0% | 84.2% | 81.3% |
| Any Wired Technology Except Cable | 80.4% | 71.5% | 62.0% |
| DSL | 74.5% | 64.2% | 52.7% |
| Asymmetric xDSL | 41.5% | 25.0% | 18.6% |
| ADSL2 | 46.2% | 37.2% | 25.3% |
| VDSL | 37.6% | 36.2% | 34.8% |
| Symmetric xDSL | 0.6% | 0.4% | 0.3% |
| Copper | 0.5% | 0.4% | 0.4% |
| Fiber | 20.2% | 20.1% | 19.8% |
| Cable | 55.8% | 55.7% | 55.6% |
| DOCSIS 3.1 | 45.0% | 44.9% | 44.9% |
| DOCSIS 3.0 | 13.0% | 13.0% | 12.9% |
| DOCSIS 1 - 1.1 - 2.0 | 0.8% | 0.7% | 0.7% |
| Cable Other | 1.3% | 1.3% | 1.3% |
| Terrestrial Fixed Wireless | 54.9% | 45.8% | 44.2% |
| Satellite | 100.0% | 99.8% | 99.8% |

| Non-Rural US Broadband by Advertised Download/Upload Speeds | | | |
|--|-----------------------|---------------------|---------------------|
| Technology | > 768 K DL / 200 K UL | > 3 M DL / 768 K UL | > 6 M DL / 1.5 M UL |
| Any Fixed Technology Except Satellite | 99.6% | 99.5% | 99.4% |
| Any Wired Technology | 99.3% | 99.1% | 98.9% |
| Any Wired Technology Except Cable | 96.6% | 90.4% | 82.7% |
| DSL | 92.1% | 81.9% | 67.0% |
| Asymmetric xDSL | 65.6% | 29.9% | 20.5% |
| ADSL2 | 60.7% | 52.1% | 17.5% |
| VDSL | 49.8% | 49.3% | 48.6% |
| Symmetric xDSL | 0.6% | 0.1% | 0.1% |
| Copper | 2.8% | 2.8% | 2.8% |
| Fiber | 45.7% | 45.7% | 44.6% |
| Cable | 97.6% | 97.6% | 97.6% |
| DOCSIS 3.1 | 88.3% | 88.3% | 88.3% |
| DOCSIS 3.0 | 0.0% | 0.0% | 0.0% |
| DOCSIS 1 - 1.1 - 2.0 | 0.8% | 0.8% | 0.7% |
| Cable Other | 1.3% | 1.3% | 1.3% |
| Terrestrial Fixed Wireless | 42.1% | 39.9% | 38.9% |
| Satellite | 100.0% | 100.0% | 100.0% |

CensusNBM¹ sources include the Census 2010 and the FCC 477 Deployment data as of June 2019

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