

CensusNBM<sup>1</sup> Report 291

National Broadband Availability for Housing Units by Technology - December 31, 2019

Total US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	98.0%	95.5%	93.8%	91.7%
Any Wired Technology	95.3%	93.0%	92.4%	90.9%
Any Wired Technology Except Cable	78.7%	64.7%	62.5%	52.3%
DSL	62.6%	39.7%	36.5%	22.3%
Asymmetric xDSL	9.6%	0.3%	0.2%	0.0%
ADSL2	17.6%	0.5%	0.0%	0.0%
VDSL	45.6%	39.2%	36.3%	22.2%
Symmetric xDSL	0.2%	0.1%	0.1%	0.0%
Copper	2.1%	0.8%	0.8%	0.8%
Fiber	39.8%	39.4%	38.2%	38.0%
Cable	88.5%	88.4%	88.2%	87.6%
DOCSIS 3.1	81.6%	81.6%	81.5%	81.3%
DOCSIS 3.0	2.3%	2.3%	2.2%	1.9%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.7%	0.2%	0.2%
Cable Other	1.2%	1.2%	1.1%	0.9%
Terrestrial Fixed Wireless	38.7%	31.6%	19.5%	11.4%
Satellite	99.9%	99.9%	0.0%	0.0%

Rural US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	92.8%	82.3%	74.9%	66.8%
Any Wired Technology	81.8%	72.3%	70.1%	64.4%
Any Wired Technology Except Cable	63.4%	41.5%	37.5%	26.7%
DSL	52.9%	26.4%	21.6%	9.0%
Asymmetric xDSL	6.5%	0.8%	0.3%	0.1%
ADSL2	25.6%	1.3%	0.1%	0.0%
VDSL	35.2%	24.9%	21.0%	8.7%
Symmetric xDSL	0.3%	0.2%	0.2%	0.2%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	21.3%	20.8%	20.4%	19.9%
Cable	54.8%	54.4%	53.9%	52.4%
DOCSIS 3.1	45.6%	45.4%	45.2%	44.9%
DOCSIS 3.0	11.1%	10.9%	10.6%	8.9%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.6%	0.4%	0.3%
Cable Other	1.2%	1.1%	1.0%	0.9%
Terrestrial Fixed Wireless	43.5%	29.0%	12.8%	5.5%
Satellite	99.8%	99.8%	0.0%	0.0%

Non-Rural US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	99.4%	99.1%	98.8%	98.3%
Any Wired Technology	98.9%	98.5%	98.4%	98.0%
Any Wired Technology Except Cable	82.7%	70.9%	69.1%	59.1%
DSL	65.1%	43.2%	40.5%	25.8%
Asymmetric xDSL	10.4%	0.2%	0.1%	0.0%
ADSL2	15.5%	0.3%	0.0%	0.0%
VDSL	48.4%	43.0%	40.4%	25.8%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%
Copper	2.6%	1.0%	1.0%	1.0%
Fiber	44.8%	44.3%	43.0%	42.8%
Cable	97.5%	97.4%	97.3%	97.0%
DOCSIS 3.1	91.2%	91.2%	91.2%	91.0%
DOCSIS 3.0	0.0%	0.0%	0.0%	0.0%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.7%	0.2%	0.1%
Cable Other	1.2%	1.2%	1.2%	0.9%
Terrestrial Fixed Wireless	37.4%	32.3%	21.3%	12.9%
Satellite	100.0%	100.0%	0.0%	0.0%

CensusNBM<sup>1</sup> sources include the Census 2010 and the FCC 477 Deployment data as of December 2019

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