

CensusNBM¹ Report 219

National Broadband Availability for Housing Units by Technology - December 31, 2018

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	97.6%	94.3%	92.7%	90.3%
Any Wired Technology	95.1%	92.4%	91.7%	89.9%
Any Wired Technology Except Cable	77.8%	61.6%	58.6%	48.3%
DSL	63.2%	38.1%	34.0%	20.4%
Asymmetric xDSL	10.0%	0.3%	0.2%	0.0%
ADSL2	21.4%	1.6%	0.3%	0.0%
VDSL	45.6%	37.3%	33.7%	20.4%
Symmetric xDSL	0.2%	0.1%	0.1%	0.0%
Copper	2.5%	1.0%	0.8%	0.8%
Fiber	36.9%	36.3%	34.8%	34.4%
Cable	88.7%	88.3%	88.2%	87.4%
DOCSIS 3.1	71.9%	71.9%	71.9%	71.9%
DOCSIS 3.0	22.7%	22.4%	22.3%	21.5%
DOCSIS 1 - 1.1 - 2.0	0.9%	0.7%	0.2%	0.2%
Cable Other	1.3%	1.3%	1.2%	0.9%
Terrestrial Fixed Wireless	32.9%	21.1%	12.9%	7.6%
Satellite	99.9%	99.9%	47.6%	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	90.7%	77.2%	70.9%	62.4%
Any Wired Technology	80.6%	69.6%	67.0%	60.8%
Any Wired Technology Except Cable	61.2%	35.7%	31.1%	20.1%
DSL	52.2%	22.6%	17.4%	5.5%
Asymmetric xDSL	7.0%	0.7%	0.3%	0.1%
ADSL2	29.5%	1.9%	0.3%	0.0%
VDSL	33.9%	21.3%	16.9%	5.3%
Symmetric xDSL	0.3%	0.2%	0.2%	0.1%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	17.8%	17.2%	16.8%	15.8%
Cable	55.2%	54.3%	53.9%	52.2%
DOCSIS 3.1	41.7%	41.7%	41.7%	41.5%
DOCSIS 3.0	15.1%	14.3%	14.0%	12.4%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.5%	0.4%	0.3%
Cable Other	1.2%	1.1%	1.1%	0.8%
Terrestrial Fixed Wireless	37.1%	20.3%	9.5%	4.1%
Satellite	99.8%	99.8%	43.2%	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%	98.8%	98.6%	97.8%
Any Wired Technology	98.9%	98.4%	98.3%	97.6%
Any Wired Technology Except Cable	82.2%	68.5%	65.9%	55.8%
DSL	66.2%	42.3%	38.5%	24.4%
Asymmetric xDSL	10.8%	0.1%	0.1%	0.0%
ADSL2	19.2%	1.5%	0.2%	0.0%
VDSL	48.7%	41.6%	38.2%	24.4%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%
Copper	3.0%	1.2%	1.0%	1.0%
Fiber	42.0%	41.4%	39.6%	39.3%
Cable	97.6%	97.4%	97.3%	96.8%
DOCSIS 3.1	80.0%	80.0%	80.0%	79.9%
DOCSIS 3.0	24.7%	24.5%	24.5%	23.9%
DOCSIS 1 - 1.1 - 2.0	0.9%	0.8%	0.2%	0.2%
Cable Other	1.3%	1.3%	1.3%	0.9%
Terrestrial Fixed Wireless	31.8%	21.3%	13.7%	8.5%
Satellite	100.0%	100.0%	48.7%	0.0%

CensusNBM¹ sources include the Census 2010 and the FCC 477 Deployment data as of December 2018

Contact Info: CensusNBM.com 610-649-0550