

## CensusNBM<sup>1</sup> Report 218

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

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	98.7%	98.3%	97.8%
Any Wired Technology	96.9%	96.0%	95.3%
Any Wired Technology Except Cable	93.2%	86.5%	78.6%
DSL	88.4%	78.7%	65.2%
Asymmetric xDSL	60.4%	28.6%	20.4%
ADSL2	60.2%	52.4%	23.8%
VDSL	47.0%	46.7%	45.9%
Symmetric xDSL	0.6%	0.2%	0.2%
Copper	2.5%	2.5%	2.5%
Fiber	37.9%	37.9%	36.9%
Cable	88.8%	88.7%	88.7%
DOCSIS 3.1	71.9%	71.9%	71.9%
DOCSIS 3.0	22.8%	22.7%	22.7%
DOCSIS 1 - 1.1 - 2.0	0.9%	0.9%	0.9%
Cable Other	1.3%	1.3%	1.3%
Terrestrial Fixed Wireless	36.8%	36.1%	34.7%
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	95.2%	93.6%	91.6%
Any Wired Technology	88.0%	84.3%	81.4%
Any Wired Technology Except Cable	80.4%	72.0%	62.9%
DSL	74.7%	65.1%	54.3%
Asymmetric xDSL	41.7%	25.2%	19.0%
ADSL2	50.8%	43.2%	32.5%
VDSL	36.3%	35.5%	34.0%
Symmetric xDSL	0.6%	0.4%	0.3%
Copper	0.5%	0.5%	0.4%
Fiber	18.1%	18.1%	17.9%
Cable	55.6%	55.4%	55.3%
DOCSIS 3.1	41.7%	41.7%	41.7%
DOCSIS 3.0	15.3%	15.2%	15.1%
DOCSIS 1 - 1.1 - 2.0	1.0%	0.9%	0.9%
Cable Other	1.3%	1.2%	1.2%
Terrestrial Fixed Wireless	42.9%	41.2%	39.1%
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%	90.3%	82.8%
DSL	92.1%	82.4%	68.2%
Asymmetric xDSL	65.4%	29.6%	20.8%
ADSL2	62.7%	54.8%	21.5%
VDSL	49.9%	49.7%	49.1%
Symmetric xDSL	0.6%	0.2%	0.1%
Copper	3.1%	3.1%	3.0%
Fiber	43.1%	43.1%	42.0%
Cable	97.6%	97.6%	97.6%
DOCSIS 3.1	80.0%	80.0%	80.0%
DOCSIS 3.0	24.7%	24.7%	24.7%
DOCSIS 1 - 1.1 - 2.0	0.9%	0.9%	0.9%
Cable Other	1.3%	1.3%	1.3%
Terrestrial Fixed Wireless	35.2%	34.8%	33.6%
Satellite	100.0%	100.0%	100.0%

CensusNBM<sup>1</sup> sources include the Census 2010 and the FCC 477 Deployment data as of December 2018

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