

CensusNBM¹ Report 183

National Broadband Availability for Housing Units by Technology - June 30, 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	97.2%	93.8%	92.0%	89.8%
Any Wired Technology	94.8%	92.1%	91.3%	89.5%
Any Wired Technology Except Cable	77.3%	61.2%	58.2%	47.6%
DSL	65.0%	41.6%	34.7%	21.4%
Asymmetric xDSL	13.0%	3.4%	0.1%	0.1%
ADSL2	24.2%	3.7%	0.3%	0.1%
VDSL	43.2%	37.9%	34.3%	21.2%
Symmetric xDSL	0.2%	0.1%	0.1%	0.1%
Copper	2.5%	0.9%	0.7%	0.7%
Fiber	33.2%	32.7%	32.6%	32.1%
Cable	88.7%	88.3%	87.9%	87.1%
DOCSIS 3.1	55.7%	55.7%	55.7%	55.7%
DOCSIS 3.0	38.4%	38.0%	37.7%	36.6%
DOCSIS 1 - 1.1 - 2.0	1.1%	0.8%	0.2%	0.2%
Cable Other	1.3%	1.2%	1.1%	0.9%
Terrestrial Fixed Wireless	31.9%	19.5%	10.8%	6.5%
Satellite	100.0%	100.0%	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	89.1%	75.1%	68.2%	60.7%
Any Wired Technology	79.3%	68.2%	65.6%	59.7%
Any Wired Technology Except Cable	59.8%	34.7%	30.5%	20.3%
DSL	51.1%	22.1%	17.2%	6.6%
Asymmetric xDSL	7.1%	1.0%	0.3%	0.2%
ADSL2	29.8%	1.4%	0.3%	0.0%
VDSL	29.1%	20.4%	16.6%	6.3%
Symmetric xDSL	0.3%	0.2%	0.2%	0.1%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	16.9%	16.3%	16.0%	15.0%
Cable	55.1%	54.1%	53.2%	51.4%
DOCSIS 3.1	26.3%	26.3%	26.3%	26.2%
DOCSIS 3.0	30.5%	29.7%	29.0%	26.7%
DOCSIS 1 - 1.1 - 2.0	1.0%	0.5%	0.4%	0.3%
Cable Other	1.2%	1.1%	0.9%	0.8%
Terrestrial Fixed Wireless	34.4%	17.6%	6.7%	2.8%
Satellite	100.0%	100.0%	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%	98.3%	97.5%
Any Wired Technology	98.9%	98.4%	98.1%	97.4%
Any Wired Technology Except Cable	82.0%	68.3%	65.5%	54.9%
DSL	68.7%	46.8%	39.4%	25.3%
Asymmetric xDSL	14.6%	4.0%	0.1%	0.0%
ADSL2	22.7%	4.2%	0.3%	0.1%
VDSL	46.9%	42.6%	39.0%	25.2%
Symmetric xDSL	0.2%	0.1%	0.0%	0.0%
Copper	3.1%	1.2%	0.9%	0.9%
Fiber	37.6%	37.0%	37.0%	36.7%
Cable	97.6%	97.4%	97.2%	96.6%
DOCSIS 3.1	63.5%	63.5%	63.5%	63.5%
DOCSIS 3.0	40.5%	40.2%	40.1%	39.2%
DOCSIS 1 - 1.1 - 2.0	1.1%	0.9%	0.2%	0.1%
Cable Other	1.3%	1.3%	1.1%	0.9%
Terrestrial Fixed Wireless	31.3%	20.0%	11.9%	7.5%
Satellite	100.0%	100.0%	48.7%	0.0%

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

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