

CensusNBM¹ Report 217
National Broadband Availability for Housing Units by Technology - December 31, 2018

Total US Broadband by Advertised Download Speeds					
Technology	BB Speed > 25 Mbps	BB Speed > 50 Mbps	BB Speed > 100 Mbps	BB Speed > 1 Gbps	BB Speed > 940 Mbps
Any Fixed Technology Except Satellite	94.8%	92.7%	90.9%	28.5%	80.0%
Any Wired Technology	93.0%	91.7%	90.4%	27.3%	79.8%
Any Wired Technology Except Cable	64.9%	58.6%	49.3%	19.0%	28.9%
DSL	42.3%	34.0%	21.4%	0.0%	0.0%
Asymmetric xDSL	0.6%	0.2%	0.0%	0.0%	0.0%
ADSL2	8.0%	0.3%	0.1%	0.0%	0.0%
VDSL	39.2%	33.7%	21.3%	0.0%	0.0%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%	0.0%
Copper	1.0%	0.8%	0.8%	0.1%	0.1%
Fiber	36.3%	34.8%	34.5%	19.0%	28.9%
Cable	88.4%	88.2%	87.7%	10.5%	73.3%
DOCSIS 3.1	71.9%	71.9%	71.9%	6.4%	71.3%
DOCSIS 3.0	22.5%	22.3%	21.9%	4.0%	4.0%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.2%	0.2%	0.0%	0.0%
Cable Other	1.3%	1.2%	0.9%	0.4%	0.4%
Terrestrial Fixed Wireless	21.2%	12.9%	7.6%	1.7%	1.7%
Satellite	99.9%	47.6%	47.6%	9.1%	0.0%

Rural US Broadband by Advertised Download Speeds					
Technology	BB Speed > 25 Mbps	BB Speed > 50 Mbps	BB Speed > 100 Mbps	BB Speed > 1 Gbps	BB Speed > 940 Mbps
Any Fixed Technology Except Satellite	79.4%	70.9%	64.2%	19.5%	49.3%
Any Wired Technology	72.2%	67.0%	62.6%	19.3%	49.2%
Any Wired Technology Except Cable	41.5%	31.1%	22.7%	10.9%	11.9%
DSL	29.2%	17.4%	8.1%	0.0%	0.0%
Asymmetric xDSL	1.1%	0.3%	0.1%	0.0%	0.0%
ADSL2	9.2%	0.3%	0.1%	0.0%	0.0%
VDSL	24.4%	16.9%	7.8%	0.0%	0.0%
Symmetric xDSL	0.2%	0.2%	0.1%	0.0%	0.0%
Copper	0.0%	0.0%	0.0%	0.0%	0.0%
Fiber	17.3%	16.8%	16.1%	10.9%	11.9%
Cable	54.6%	53.9%	52.9%	9.3%	42.5%
DOCSIS 3.1	41.7%	41.7%	41.7%	7.1%	40.4%
DOCSIS 3.0	14.7%	14.0%	13.2%	2.0%	2.0%
DOCSIS 1 - 1.1 - 2.0	0.5%	0.4%	0.4%	0.0%	0.0%
Cable Other	1.1%	1.1%	0.8%	0.3%	0.3%
Terrestrial Fixed Wireless	20.6%	9.5%	4.1%	0.2%	0.2%
Satellite	99.8%	43.2%	43.2%	43.2%	0.0%

Non-Rural US Broadband by Advertised Download Speeds					
Technology	BB Speed > 25 Mbps	BB Speed > 50 Mbps	BB Speed > 100 Mbps	BB Speed > 1 Gbps	BB Speed > 940 Mbps
Any Fixed Technology Except Satellite	98.9%	98.6%	98.0%	30.9%	88.1%
Any Wired Technology	98.6%	98.3%	97.8%	29.4%	87.9%
Any Wired Technology Except Cable	71.2%	65.9%	56.4%	21.2%	33.5%
DSL	45.8%	38.5%	25.0%	0.0%	0.0%
Asymmetric xDSL	0.5%	0.1%	0.0%	0.0%	0.0%
ADSL2	7.7%	0.2%	0.1%	0.0%	0.0%
VDSL	43.1%	38.2%	24.9%	0.0%	0.0%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%	0.0%
Copper	1.2%	1.0%	1.0%	0.1%	0.1%
Fiber	41.4%	39.6%	39.4%	21.1%	33.4%
Cable	97.4%	97.3%	97.0%	10.9%	81.5%
DOCSIS 3.1	80.0%	80.0%	80.0%	6.3%	79.5%
DOCSIS 3.0	24.6%	24.5%	24.2%	4.5%	4.5%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.2%	0.2%	0.0%	0.0%
Cable Other	1.3%	1.3%	0.9%	0.5%	0.5%
Terrestrial Fixed Wireless	21.4%	13.7%	8.5%	2.0%	2.0%
Satellite	100.0%	48.7%	48.7%	0.0%	0.0%

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

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