

CensusNBM¹ Report 255

National Broadband Availability for Housing Units by Technology - June 30, 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	97.8%	94.6%	92.8%	90.7%
Any Wired Technology	95.1%	92.5%	91.8%	90.4%
Any Wired Technology Except Cable	77.5%	61.8%	59.8%	50.9%
DSL	61.9%	36.9%	34.1%	21.5%
Asymmetric xDSL	9.8%	0.3%	0.2%	0.0%
ADSL2	16.7%	0.7%	0.2%	0.0%
VDSL	45.4%	36.2%	33.8%	21.4%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%
Copper	2.3%	0.8%	0.8%	0.7%
Fiber	39.4%	38.7%	37.3%	37.0%
Cable	88.7%	88.4%	88.1%	87.5%
DOCSIS 3.1	79.1%	79.1%	79.1%	78.7%
DOCSIS 3.0	2.7%	2.5%	2.4%	2.1%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.6%	0.2%	0.2%
Cable Other	1.3%	1.3%	1.1%	0.9%
Terrestrial Fixed Wireless	38.2%	26.5%	16.0%	9.4%
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	91.7%	78.8%	71.4%	63.7%
Any Wired Technology	80.6%	70.0%	67.8%	62.8%
Any Wired Technology Except Cable	60.4%	35.8%	32.3%	23.2%
DSL	50.8%	21.8%	17.7%	7.4%
Asymmetric xDSL	7.0%	0.8%	0.3%	0.1%
ADSL2	22.4%	1.2%	0.2%	0.0%
VDSL	34.7%	20.4%	17.1%	7.1%
Symmetric xDSL	0.3%	0.2%	0.2%	0.1%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	19.8%	18.8%	18.3%	17.6%
Cable	55.5%	54.7%	54.0%	52.5%
DOCSIS 3.1	44.8%	44.8%	44.7%	44.1%
DOCSIS 3.0	12.7%	12.1%	11.6%	10.1%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.4%	0.4%	0.3%
Cable Other	1.3%	1.2%	0.9%	0.8%
Terrestrial Fixed Wireless	42.2%	23.4%	8.9%	2.5%
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%	98.9%	98.5%	97.9%
Any Wired Technology	98.9%	98.5%	98.2%	97.8%
Any Wired Technology Except Cable	82.0%	68.8%	67.2%	58.2%
DSL	64.8%	41.0%	38.5%	25.2%
Asymmetric xDSL	10.6%	0.2%	0.1%	0.0%
ADSL2	15.2%	0.5%	0.2%	0.0%
VDSL	48.2%	40.4%	38.3%	25.2%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%
Copper	2.8%	1.0%	0.9%	0.9%
Fiber	44.6%	44.0%	42.3%	42.2%
Cable	97.5%	97.4%	97.2%	96.7%
DOCSIS 3.1	88.2%	88.2%	88.2%	88.0%
DOCSIS 3.0	0.0%	0.0%	0.0%	0.0%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.7%	0.2%	0.1%
Cable Other	1.3%	1.3%	1.2%	0.9%
Terrestrial Fixed Wireless	37.2%	27.3%	17.9%	11.2%
Satellite	100.0%	100.0%	0.0%	0.0%

CensusNBM¹ sources include the Census 2010 and the FCC 477 Deployment data as of June 2019

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