

CensusNBM¹ Report 253
National Broadband Availability for Housing Units by Technology - June 30, 2019

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	95.6%	93.0%	91.2%	42.2%	78.6%
Any Wired Technology	93.7%	92.1%	90.9%	41.3%	78.5%
Any Wired Technology Except Cable	69.0%	60.1%	51.5%	22.1%	31.9%
DSL	46.0%	34.4%	22.2%	0.0%	0.0%
Asymmetric xDSL	0.7%	0.2%	0.0%	0.0%	0.0%
ADSL2	10.2%	0.2%	0.0%	0.0%	0.0%
VDSL	42.7%	34.1%	22.1%	0.0%	0.0%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%	0.0%
Copper	0.8%	0.8%	0.7%	0.0%	0.0%
Fiber	38.9%	37.4%	37.2%	22.0%	31.9%
Cable	88.5%	88.3%	87.9%	24.2%	72.7%
DOCSIS 3.1	79.1%	79.1%	79.0%	20.0%	70.6%
DOCSIS 3.0	15.6%	15.4%	15.1%	4.1%	4.1%
DOCSIS 1 - 1.1 - 2.0	0.6%	0.2%	0.2%	0.0%	0.0%
Cable Other	1.3%	1.2%	0.9%	0.5%	0.5%
Terrestrial Fixed Wireless	26.6%	16.1%	9.4%	1.1%	1.1%
Satellite	99.9%	47.6%	47.6%	0.0%	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	82.6%	71.9%	65.3%	51.5%	22.1%
Any Wired Technology	75.1%	68.3%	64.3%	51.4%	22.0%
Any Wired Technology Except Cable	48.1%	32.9%	25.0%	13.5%	12.1%
DSL	35.8%	18.5%	9.2%	0.0%	0.0%
Asymmetric xDSL	1.3%	0.5%	0.1%	0.0%	0.0%
ADSL2	14.0%	0.2%	0.0%	0.0%	0.0%
VDSL	29.8%	17.8%	9.0%	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	19.3%	18.9%	18.3%	13.5%	12.1%
Cable	54.9%	54.3%	53.4%	44.5%	11.1%
DOCSIS 3.1	44.8%	44.8%	44.6%	42.2%	8.7%
DOCSIS 3.0	12.3%	11.8%	11.0%	2.3%	2.3%
DOCSIS 1 - 1.1 - 2.0	0.4%	0.4%	0.3%	0.0%	0.0%
Cable Other	1.2%	1.1%	0.8%	0.3%	0.3%
Terrestrial Fixed Wireless	23.7%	9.1%	2.7%	0.1%	0.1%
Satellite	99.8%	43.2%	43.2%	0.0%	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	99.0%	98.6%	98.1%	39.7%	93.7%
Any Wired Technology	98.7%	98.4%	98.0%	38.7%	93.5%
Any Wired Technology Except Cable	74.6%	67.3%	58.5%	24.3%	37.2%
DSL	48.7%	38.7%	25.6%	0.0%	0.0%
Asymmetric xDSL	0.6%	0.2%	0.0%	0.0%	0.0%
ADSL2	9.2%	0.2%	0.0%	0.0%	0.0%
VDSL	46.1%	38.4%	25.6%	0.0%	0.0%
Symmetric xDSL	0.0%	0.0%	0.0%	0.0%	0.0%
Copper	1.0%	0.9%	0.9%	0.0%	0.0%
Fiber	44.1%	42.4%	42.3%	24.3%	37.2%
Cable	97.4%	97.3%	97.1%	18.8%	89.1%
DOCSIS 3.1	88.2%	88.2%	88.1%	14.1%	87.1%
DOCSIS 3.0	16.5%	16.4%	16.1%	4.6%	4.6%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.2%	0.2%	0.0%	0.0%
Cable Other	1.3%	1.3%	1.0%	0.5%	0.5%
Terrestrial Fixed Wireless	27.4%	17.9%	11.2%	1.4%	1.4%
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 2019
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