

CensusNBM¹ Report 151
National Broadband Availability for Housing Units by Technology - December 31, 2017

Total US Broadband by Advertised Download Speeds				
Technology	BB Speed > 25 Mbps	BB Speed > 50 Mbps	BB Speed > 100 Mbps	BB Speed > 1 Gbps
Any Fixed Technology Except Satellite	94.5%	92.4%	90.9%	21.8%
Any Wired Technology	93.1%	91.9%	90.6%	21.0%
Any Wired Technology Except Cable	70.4%	64.3%	54.5%	14.3%
DSL	44.1%	33.2%	20.9%	0.0%
Asymmetric xDSL	3.4%	0.1%	0.0%	0.0%
ADSL2	12.0%	0.2%	0.1%	0.0%
VDSL	37.9%	33.0%	20.8%	0.0%
Symmetric xDSL	0.2%	0.1%	0.1%	0.0%
Copper	1.0%	0.9%	0.8%	0.1%
Fiber	39.0%	38.8%	38.5%	14.3%
Cable	88.2%	87.9%	87.3%	7.9%
DOCSIS 3.1	37.9%	37.9%	37.9%	13.4%
DOCSIS 3.0	54.4%	54.1%	53.5%	4.7%
DOCSIS 1 - 1.1 - 2.0	1.0%	0.4%	0.3%	1.9%
Cable Other	1.3%	1.2%	0.8%	0.3%
Terrestrial Fixed Wireless	35.5%	26.1%	24.3%	1.0%
Satellite	100.0%	0.0%	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
Any Fixed Technology Except Satellite	78.1%	69.9%	65.0%	16.2%
Any Wired Technology	72.5%	67.9%	63.6%	16.1%
Any Wired Technology Except Cable	49.5%	40.1%	32.6%	9.5%
DSL	27.5%	16.4%	7.9%	0.0%
Asymmetric xDSL	1.0%	0.3%	0.1%	0.0%
ADSL2	11.7%	0.4%	0.1%	0.0%
VDSL	20.9%	15.7%	7.6%	0.0%
Symmetric xDSL	0.3%	0.2%	0.1%	0.0%
Copper	0.0%	0.0%	0.0%	0.0%
Fiber	27.5%	27.1%	26.3%	9.4%
Cable	54.0%	53.1%	51.7%	7.5%
DOCSIS 3.1	15.5%	15.5%	15.5%	5.2%
DOCSIS 3.0	39.7%	39.0%	37.7%	2.1%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.6%	0.5%	0.0%
Cable Other	1.2%	1.0%	0.7%	0.2%
Terrestrial Fixed Wireless	29.5%	19.6%	18.0%	0.1%
Satellite	100.0%	0.0%	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
Any Fixed Technology Except Satellite	98.9%	98.4%	97.8%	23.3%
Any Wired Technology	98.6%	98.3%	97.7%	22.3%
Any Wired Technology Except Cable	76.0%	70.8%	60.4%	15.6%
DSL	48.5%	37.7%	24.4%	0.0%
Asymmetric xDSL	4.1%	0.1%	0.0%	0.0%
ADSL2	12.1%	0.1%	0.0%	0.0%
VDSL	42.4%	37.6%	24.3%	0.0%
Symmetric xDSL	0.2%	0.1%	0.0%	0.0%
Copper	1.3%	1.1%	1.1%	0.1%
Fiber	42.0%	42.0%	41.8%	15.6%
Cable	97.3%	97.1%	96.8%	8.0%
DOCSIS 3.1	43.8%	43.8%	43.8%	15.5%
DOCSIS 3.0	58.3%	58.1%	57.8%	5.4%
DOCSIS 1 - 1.1 - 2.0	1.0%	0.3%	0.3%	2.3%
Cable Other	1.3%	1.3%	0.9%	0.4%
Terrestrial Fixed Wireless	37.1%	27.8%	26.0%	1.3%
Satellite	100.0%	0.0%	0.0%	0.0%

CensusNBM1 sources include the Census 2010 and the FCC 477 Deployment data as of December 2017

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