

CensusNBM¹ Report 153

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

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	97.3%	93.9%	92.2%	89.0%
Any Wired Technology	95.1%	92.4%	90.5%	87.5%
Any Wired Technology Except Cable	80.1%	66.5%	64.2%	53.8%
DSL	64.9%	39.1%	33.1%	20.1%
Asymmetric xDSL	13.3%	3.2%	0.1%	0.0%
ADSL2	24.6%	3.0%	0.1%	0.0%
VDSL	41.8%	36.1%	32.9%	20.0%
Symmetric xDSL	0.3%	0.2%	0.1%	0.1%
Copper	2.6%	1.0%	0.9%	0.8%
Fiber	39.6%	39.0%	38.8%	38.4%
Cable	88.6%	88.1%	87.6%	85.0%
DOCSIS 3.1	37.9%	37.9%	37.9%	37.9%
DOCSIS 3.0	54.6%	54.3%	53.9%	51.1%
DOCSIS 1 - 1.1 - 2.0	1.2%	1.0%	0.3%	0.3%
Cable Other	1.3%	1.3%	1.1%	0.8%
Terrestrial Fixed Wireless	46.7%	35.3%	26.0%	24.3%
Satellite	100.0%	100.0%	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	89.4%	75.6%	69.3%	61.5%
Any Wired Technology	80.7%	69.6%	66.6%	59.3%
Any Wired Technology Except Cable	65.5%	43.1%	39.8%	30.5%
DSL	51.0%	19.9%	16.0%	5.7%
Asymmetric xDSL	7.2%	0.8%	0.2%	0.1%
ADSL2	30.2%	1.2%	0.3%	0.0%
VDSL	27.0%	18.4%	15.4%	5.4%
Symmetric xDSL	0.6%	0.3%	0.2%	0.1%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	28.0%	27.4%	27.0%	26.1%
Cable	54.8%	53.7%	52.6%	48.5%
DOCSIS 3.1	15.5%	15.5%	15.5%	15.5%
DOCSIS 3.0	40.3%	39.3%	38.6%	34.4%
DOCSIS 1 - 1.1 - 2.0	1.2%	0.7%	0.6%	0.4%
Cable Other	1.3%	1.2%	0.9%	0.7%
Terrestrial Fixed Wireless	44.2%	29.2%	19.4%	17.9%
Satellite	100.0%	100.0%	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%	98.8%	98.3%	96.3%
Any Wired Technology	99.0%	98.4%	96.9%	95.1%
Any Wired Technology Except Cable	84.0%	72.7%	70.7%	60.0%
DSL	68.6%	44.3%	37.7%	24.0%
Asymmetric xDSL	14.9%	3.9%	0.1%	0.0%
ADSL2	23.1%	3.5%	0.1%	0.0%
VDSL	45.7%	40.8%	37.5%	23.9%
Symmetric xDSL	0.3%	0.2%	0.1%	0.0%
Copper	3.2%	1.3%	1.1%	1.1%
Fiber	42.6%	42.0%	42.0%	41.7%
Cable	97.6%	97.3%	96.9%	94.7%
DOCSIS 3.1	43.8%	43.8%	43.8%	43.8%
DOCSIS 3.0	58.5%	58.2%	58.0%	55.5%
DOCSIS 1 - 1.1 - 2.0	1.2%	1.0%	0.3%	0.3%
Cable Other	1.4%	1.3%	1.1%	0.8%
Terrestrial Fixed Wireless	47.4%	37.0%	27.7%	26.0%
Satellite	100.0%	100.0%	0.0%	0.0%

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

Contact Info: CensusNBM.com 610-649-0550