

CensusNBM<sup>1</sup> Report 93

National Broadband Availability for Housing Units by Technology - December 31, 2016

Total US Broadband by Advertised Download/Upload Speeds				
Technology	> 10 DL / 1 UL	> 25 DL / 3 UL	> 50 DL / 5 UL	> 100 DL / 10 UL
Any Fixed Technology Except Satellite	95.9%	> 50 DL / 5 UL	90.4%	74.4%
Any Wired Technology	93.5%	90.2%	89.4%	73.7%
Any Wired Technology Except Cable	70.9%	51.1%	42.3%	23.6%
DSL	57.2%	31.3%	23.2%	4.6%
Asymmetric xDSL	14.9%	3.8%	1.6%	0.2%
ADSL2	20.0%	1.8%	0.1%	0.0%
VDSL	31.6%	27.5%	21.5%	4.3%
Symmetric xDSL	0.3%	0.1%	0.1%	0.1%
Copper	2.1%	0.5%	0.3%	0.3%
Fiber	25.6%	24.7%	21.3%	19.6%
Cable	87.8%	87.2%	86.7%	70.0%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	86.9%	86.5%	86.2%	69.6%
DOCSIS 1 - 1.1 - 2.0	1.6%	1.2%	0.4%	0.3%
Cable Other	1.1%	1.0%	0.8%	0.6%
Terrestrial Fixed Wireless	30.9%	19.5%	11.8%	6.0%
Satellite	100.0%	56.8%	0.0%	0.0%

Rural US Broadband by Advertised Download/Upload Speeds				
Technology	> 10 DL / 1 UL	> 25 DL / 3 UL	> 50 DL / 5 UL	> 100 DL / 10 UL
Any Fixed Technology Except Satellite	83.5%	68.5%	63.3%	40.2%
Any Wired Technology	74.5%	62.0%	59.9%	38.5%
Any Wired Technology Except Cable	52.0%	25.2%	22.2%	12.2%
DSL	44.0%	14.3%	11.6%	2.3%
Asymmetric xDSL	12.7%	4.3%	3.8%	0.4%
ADSL2	25.3%	0.9%	0.2%	0.0%
VDSL	14.4%	9.4%	7.6%	1.7%
Symmetric xDSL	0.5%	0.3%	0.2%	0.2%
Copper	0.9%	0.4%	0.4%	0.4%
Fiber	14.2%	13.1%	12.2%	10.6%
Cable	52.7%	51.1%	50.1%	31.0%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	51.1%	50.1%	49.4%	30.5%
DOCSIS 1 - 1.1 - 2.0	1.6%	0.8%	0.7%	0.4%
Cable Other	1.2%	1.0%	0.8%	0.6%
Terrestrial Fixed Wireless	28.1%	15.1%	7.4%	3.6%
Satellite	100.0%	43.8%	0.0%	0.0%

Non-Rural US Broadband by Advertised Download/Upload Speeds				
Technology	> 10 DL / 1 UL	> 25 DL / 3 UL	> 50 DL / 5 UL	> 100 DL / 10 UL
Any Fixed Technology Except Satellite	99.2%	98.2%	97.6%	83.5%
Any Wired Technology	98.6%	97.8%	97.3%	83.1%
Any Wired Technology Except Cable	75.9%	58.0%	47.7%	26.6%
DSL	60.7%	35.9%	26.2%	5.2%
Asymmetric xDSL	15.5%	3.7%	1.0%	0.1%
ADSL2	18.6%	2.0%	0.0%	0.0%
VDSL	36.2%	32.3%	25.2%	5.1%
Symmetric xDSL	0.2%	0.1%	0.0%	0.0%
Copper	2.5%	0.5%	0.3%	0.2%
Fiber	28.7%	27.7%	23.7%	22.0%
Cable	97.2%	96.8%	96.5%	80.4%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	96.4%	96.2%	96.0%	80.0%
DOCSIS 1 - 1.1 - 2.0	1.6%	1.3%	0.3%	0.2%
Cable Other	1.1%	1.0%	0.8%	0.6%
Terrestrial Fixed Wireless	31.6%	20.7%	13.0%	6.6%
Satellite	100.0%	60.3%	0.0%	0.0%

CensusNBM<sup>1</sup> sources include the Census 2010 and the FCC 477 Deployment data as of December 2016

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