

CensusNBM¹ Report 91

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

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	92.6%	90.7%	83.2%	11.5%
Any Wired Technology	91.0%	89.8%	82.7%	10.7%
Any Wired Technology Except Cable	54.6%	43.0%	24.3%	7.3%
DSL	35.3%	23.9%	5.2%	0.1%
Asymmetric xDSL	4.5%	1.7%	0.8%	0.1%
ADSL2	6.9%	0.1%	0.0%	0.0%
VDSL	29.0%	22.2%	4.3%	0.0%
Symmetric xDSL	0.1%	0.1%	0.1%	0.0%
Copper	0.5%	0.3%	0.3%	0.0%
Fiber	24.7%	21.4%	19.8%	7.3%
Cable	87.4%	87.0%	79.9%	3.5%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	86.6%	86.4%	79.5%	3.2%
DOCSIS 1 - 1.1 - 2.0	1.2%	0.4%	0.3%	0.0%
Cable Other	1.0%	0.9%	0.7%	0.2%
Terrestrial Fixed Wireless	19.5%	11.8%	6.1%	0.9%
Satellite	56.8%	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	70.9%	64.1%	50.8%	8.5%
Any Wired Technology	64.7%	60.8%	49.2%	8.4%
Any Wired Technology Except Cable	30.9%	22.7%	14.0%	6.3%
DSL	20.5%	12.0%	4.0%	0.0%
Asymmetric xDSL	5.3%	3.9%	2.1%	0.0%
ADSL2	7.7%	0.2%	0.0%	0.0%
VDSL	11.1%	7.9%	1.7%	0.0%
Symmetric xDSL	0.3%	0.2%	0.2%	0.0%
Copper	0.4%	0.4%	0.4%	0.0%
Fiber	13.2%	12.4%	11.0%	6.2%
Cable	51.6%	50.8%	42.0%	2.3%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	50.6%	49.9%	41.5%	2.2%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.7%	0.4%	0.0%
Cable Other	1.0%	0.9%	0.7%	0.2%
Terrestrial Fixed Wireless	15.1%	7.4%	3.7%	0.0%
Satellite	43.8%	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	98.4%	97.8%	91.8%	12.3%
Any Wired Technology	97.9%	97.5%	91.6%	11.2%
Any Wired Technology Except Cable	60.8%	48.4%	27.0%	7.6%
DSL	39.3%	27.0%	5.6%	0.1%
Asymmetric xDSL	4.3%	1.1%	0.5%	0.1%
ADSL2	6.6%	0.1%	0.0%	0.0%
VDSL	33.7%	26.0%	5.1%	0.0%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%
Copper	0.5%	0.3%	0.2%	0.1%
Fiber	27.8%	23.8%	22.1%	7.6%
Cable	96.9%	96.7%	90.0%	3.9%
DOCSIS 3.1	0.2%	0.2%	0.2%	0.2%
DOCSIS 3.0	96.2%	96.1%	89.6%	3.4%
DOCSIS 1 - 1.1 - 2.0	1.3%	0.3%	0.2%	0.0%
Cable Other	1.0%	1.0%	0.7%	0.2%
Terrestrial Fixed Wireless	20.7%	13.0%	6.8%	1.2%
Satellite	60.3%	0.0%	0.0%	0.0%

CensusNBM¹ sources include the Census 2010 and the FCC 477 Deployment data as of December 2016

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