

CensusNBM¹ Report 289
National Broadband Availability for Housing Units by Technology - December 31, 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	96.1%	93.9%	92.1%	35.3%	85.7%
Any Wired Technology	93.8%	92.6%	91.4%	34.4%	85.5%
Any Wired Technology Except Cable	68.9%	62.9%	53.6%	20.5%	33.3%
DSL	45.1%	37.1%	23.9%	0.0%	0.0%
Asymmetric xDSL	0.4%	0.2%	0.0%	0.0%	0.0%
ADSL2	4.9%	0.0%	0.0%	0.0%	0.0%
VDSL	43.1%	36.8%	23.8%	0.0%	0.0%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%	0.0%
Copper	0.8%	0.8%	0.8%	0.0%	0.0%
Fiber	38.2%	38.2%	38.0%	20.5%	33.3%
Cable	88.4%	88.2%	88.0%	17.5%	80.4%
DOCSIS 3.1	81.6%	81.5%	81.5%	13.0%	78.0%
DOCSIS 3.0	13.1%	13.0%	12.7%	4.7%	4.7%
DOCSIS 1 - 1.1 - 2.0	0.7%	0.2%	0.2%	0.1%	0.1%
Cable Other	1.2%	1.1%	1.0%	0.4%	0.4%
Terrestrial Fixed Wireless	31.6%	19.6%	11.4%	1.8%	1.8%
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	84.6%	75.4%	68.6%	23.8%	53.6%
Any Wired Technology	75.6%	70.6%	66.2%	23.6%	53.5%
Any Wired Technology Except Cable	48.7%	38.3%	29.3%	14.0%	15.8%
DSL	34.9%	22.6%	12.0%	0.0%	0.0%
Asymmetric xDSL	0.9%	0.4%	0.1%	0.0%	0.0%
ADSL2	7.1%	0.1%	0.0%	0.0%	0.0%
VDSL	30.6%	22.0%	11.7%	0.0%	0.0%
Symmetric xDSL	0.2%	0.2%	0.2%	0.0%	0.0%
Copper	0.0%	0.0%	0.0%	0.0%	0.0%
Fiber	20.4%	20.4%	20.0%	14.0%	15.8%
Cable	54.5%	54.0%	53.2%	11.1%	45.4%
DOCSIS 3.1	45.4%	45.3%	45.2%	8.2%	42.7%
DOCSIS 3.0	11.0%	10.7%	10.0%	2.9%	2.9%
DOCSIS 1 - 1.1 - 2.0	0.6%	0.4%	0.3%	0.2%	0.2%
Cable Other	1.1%	1.0%	0.9%	0.3%	0.3%
Terrestrial Fixed Wireless	29.1%	13.0%	5.6%	0.2%	0.2%
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	99.2%	98.8%	98.4%	38.3%	94.2%
Any Wired Technology	98.6%	98.4%	98.1%	37.2%	94.0%
Any Wired Technology Except Cable	74.3%	69.4%	60.1%	22.3%	38.0%
DSL	47.9%	40.9%	27.0%	0.0%	0.0%
Asymmetric xDSL	0.3%	0.1%	0.0%	0.0%	0.0%
ADSL2	4.3%	0.0%	0.0%	0.0%	0.0%
VDSL	46.4%	40.8%	27.0%	0.0%	0.0%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%	0.0%
Copper	1.0%	1.0%	1.0%	0.0%	0.0%
Fiber	43.0%	43.0%	42.8%	22.3%	37.9%
Cable	97.4%	97.4%	97.2%	19.2%	89.7%
DOCSIS 3.1	91.2%	91.2%	91.1%	14.2%	87.4%
DOCSIS 3.0	13.6%	13.6%	13.4%	5.1%	5.1%
DOCSIS 1 - 1.1 - 2.0	0.8%	0.2%	0.2%	0.1%	0.1%
Cable Other	1.2%	1.2%	1.0%	0.4%	0.4%
Terrestrial Fixed Wireless	32.3%	21.3%	13.0%	2.2%	2.2%
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 December 2019
 Contact Info: CensusNBM.com 610-649-0550