

CensusNBM¹ Report 435
National Broadband Availability for Housing Units by Technology - December 31, 2021

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	98.4%	96.4%	95.0%	90.7%	91.0%
Any Wired Technology	95.5%	94.5%	93.6%	90.6%	90.9%
Any Wired Technology Except Cable	82.5%	68.5%	61.2%	35.3%	45.5%
DSL	69.1%	36.5%	23.9%	0.0%	0.0%
Asymmetric xDSL	0.4%	0.1%	0.0%	0.0%	0.0%
ADSL2	3.8%	0.1%	0.0%	0.0%	0.0%
VDSL	43.2%	36.4%	23.8%	0.0%	0.0%
Symmetric xDSL	0.0%	0.0%	0.0%	0.0%	0.0%
Copper	0.8%	0.8%	0.8%	0.0%	0.0%
Fiber	47.3%	47.2%	47.1%	35.3%	45.5%
Cable	84.2%	84.1%	84.0%	82.2%	82.2%
DOCSIS 3.1	78.4%	78.4%	78.4%	78.1%	78.1%
DOCSIS 3.0	11.2%	11.1%	11.0%	7.1%	7.1%
DOCSIS 1 - 1.1 - 2.0	0.1%	0.2%	0.1%	0.1%	0.1%
Cable Other	1.0%	1.0%	1.0%	0.7%	0.7%
Terrestrial Fixed Wireless	80.1%	33.7%	24.6%	1.7%	1.7%
Satellite	100.0%	72.1%	70.1%	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	93.4%	85.4%	80.3%	65.8%	66.1%
Any Wired Technology	82.2%	78.1%	74.6%	65.6%	65.9%
Any Wired Technology Except Cable	56.8%	46.8%	38.3%	23.8%	25.8%
DSL	60.6%	23.9%	12.5%	0.0%	0.0%
Asymmetric xDSL	1.1%	0.2%	0.1%	0.0%	0.0%
ADSL2	11.3%	0.4%	0.1%	0.0%	0.0%
VDSL	32.9%	23.4%	12.4%	0.0%	0.0%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%	0.0%
Copper	0.0%	0.0%	0.0%	0.0%	0.0%
Fiber	29.8%	29.6%	29.3%	23.8%	25.8%
Cable	58.0%	57.7%	57.3%	53.0%	53.0%
DOCSIS 3.1	48.0%	48.0%	48.0%	47.4%	47.4%
DOCSIS 3.0	10.8%	10.6%	10.1%	6.1%	6.1%
DOCSIS 1 - 1.1 - 2.0	0.3%	0.3%	0.3%	0.2%	0.2%
Cable Other	1.3%	1.2%	1.2%	0.7%	0.7%
Terrestrial Fixed Wireless	66.4%	26.3%	17.8%	0.7%	0.7%
Satellite	100.0%	61.8%	60.1%	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	99.7%	99.3%	99.0%	97.4%	97.7%
Any Wired Technology	99.1%	99.0%	98.7%	97.4%	97.7%
Any Wired Technology Except Cable	89.5%	74.3%	67.3%	38.4%	50.8%
DSL	71.4%	39.9%	26.9%	0.0%	0.0%
Asymmetric xDSL	0.2%	0.1%	0.0%	0.0%	0.0%
ADSL2	1.8%	0.0%	0.0%	0.0%	0.0%
VDSL	45.9%	39.9%	26.9%	0.0%	0.0%
Symmetric xDSL	0.0%	0.0%	0.0%	0.0%	0.0%
Copper	1.0%	1.0%	1.0%	0.0%	0.0%
Fiber	52.0%	51.9%	51.8%	38.4%	50.8%
Cable	91.2%	91.2%	91.2%	90.1%	90.1%
DOCSIS 3.1	86.6%	86.6%	86.6%	86.4%	86.4%
DOCSIS 3.0	11.3%	11.3%	11.2%	7.3%	7.3%
DOCSIS 1 - 1.1 - 2.0	0.1%	0.1%	0.1%	0.1%	0.1%
Cable Other	1.0%	1.0%	0.9%	0.7%	0.7%
Terrestrial Fixed Wireless	83.8%	35.7%	26.5%	2.0%	2.0%
Satellite	100.0%	74.9%	72.8%	0.0%	0.0%

CensusNBM1 sources include the Census 2020 and the FCC 477 Deployment data as of December 2021
 Contact info: CensusNBM.com 610-649-0550