

CensusNBM¹ Report 434

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

Total US Broadband by Advertised Download Speeds			
Technology	BB Speed > 3 Mbps	BB Speed > 6 Mbps	BB Speed > 10 Mbps
Any Fixed Technology Except Satellite	99.4%	99.3%	99.2%
Any Wired Technology	97.7%	97.3%	97.0%
Any Wired Technology Except Cable	93.2%	89.5%	86.2%
DSL	84.6%	76.4%	69.1%
Asymmetric xDSL	37.2%	27.2%	8.7%
ADSL2	54.4%	51.0%	47.8%
VDSL	47.6%	47.1%	46.3%
Symmetric xDSL	0.1%	0.1%	0.0%
Copper	1.4%	1.4%	1.4%
Fiber	47.3%	47.3%	47.3%
Cable	84.3%	84.2%	84.2%
DOCSIS 3.1	78.4%	78.4%	78.4%
DOCSIS 3.0	11.3%	11.3%	11.3%
DOCSIS 1 - 1.1 - 2.0	0.3%	0.3%	0.3%
Cable Other	1.1%	1.1%	1.1%
Terrestrial Fixed Wireless	82.4%	82.2%	82.1%
Satellite	100.0%	100.0%	100.0%

Rural US Broadband by Advertised Download Speeds			
Technology	BB Speed > 3 Mbps	BB Speed > 6 Mbps	BB Speed > 10 Mbps
Any Fixed Technology Except Satellite	97.7%	97.2%	96.8%
Any Wired Technology	90.9%	89.4%	88.0%
Any Wired Technology Except Cable	83.5%	78.2%	74.1%
DSL	73.5%	66.1%	60.6%
Asymmetric xDSL	32.8%	23.7%	6.4%
ADSL2	44.2%	41.2%	38.6%
VDSL	40.1%	39.3%	38.1%
Symmetric xDSL	0.2%	0.1%	0.1%
Copper	0.1%	0.1%	0.1%
Fiber	29.9%	29.9%	29.9%
Cable	58.3%	58.3%	58.3%
DOCSIS 3.1	48.0%	48.0%	48.0%
DOCSIS 3.0	11.1%	42.1%	11.1%
DOCSIS 1 - 1.1 - 2.0	0.4%	0.3%	1.3%
Cable Other	1.4%	1.4%	1.4%
Terrestrial Fixed Wireless	73.1%	72.4%	72.1%
Satellite	100.0%	100.0%	100.0%

Non-Rural US Broadband by Advertised Download Speeds			
Technology	BB Speed > 3 Mbps	BB Speed > 6 Mbps	BB Speed > 10 Mbps
Any Fixed Technology Except Satellite	99.8%	99.8%	99.8%
Any Wired Technology	99.6%	99.5%	99.4%
Any Wired Technology Except Cable	95.8%	92.6%	89.5%
DSL	87.6%	79.2%	71.4%
Asymmetric xDSL	38.3%	28.1%	9.4%
ADSL2	57.2%	53.7%	50.3%
VDSL	49.6%	49.2%	48.5%
Symmetric xDSL	0.1%	0.1%	0.0%
Copper	1.7%	1.7%	1.7%
Fiber	52.0%	52.0%	52.0%
Cable	91.2%	91.2%	91.2%
DOCSIS 3.1	86.6%	86.6%	86.6%
DOCSIS 3.0	11.3%	3.0%	11.3%
DOCSIS 1 - 1.1 - 2.0	0.3%	0.3%	0.1%
Cable Other	1.0%	1.0%	1.0%
Terrestrial Fixed Wireless	84.9%	84.8%	84.8%
Satellite	100.0%	100.0%	100.0%

CensusNBM1 sources include the Census 2020 and the FCC 477 Deployment data as of December 2021

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