

CensusNBM¹ Report 363

National Broadband Availability for Housing Units by Technology - December 31, 2020

Total US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	98.8%	97.6%	95.1%	93.1%
Any Wired Technology	96.2%	94.2%	93.4%	92.1%
Any Wired Technology Except Cable	84.0%	68.1%	64.3%	54.9%
DSL	69.2%	42.4%	36.8%	22.6%
Asymmetric xDSL	9.2%	0.3%	0.1%	0.0%
ADSL2	46.0%	0.5%	0.1%	0.0%
VDSL	46.8%	41.8%	36.6%	22.5%
Symmetric xDSL	0.1%	0.1%	0.0%	0.0%
Copper	2.0%	0.8%	0.8%	0.8%
Fiber	41.8%	41.3%	41.2%	40.8%
Cable	89.2%	89.0%	88.9%	88.5%
DOCSIS 3.1	84.1%	84.0%	83.9%	83.8%
DOCSIS 3.0	10.7%	10.6%	10.6%	10.2%
DOCSIS 1 - 1.1 - 2.0	0.6%	0.6%	0.3%	0.2%
Cable Other	1.0%	1.0%	1.0%	0.9%
Terrestrial Fixed Wireless	65.4%	62.0%	26.0%	14.5%
Satellite	99.9%	99.9%	0.1%	0.1%

Rural US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	95.7%	90.6%	80.1%	72.2%
Any Wired Technology	84.9%	76.9%	73.4%	68.4%
Any Wired Technology Except Cable	69.5%	48.2%	41.4%	31.0%
DSL	58.6%	32.1%	23.5%	10.8%
Asymmetric xDSL	6.6%	0.9%	0.3%	0.1%
ADSL2	35.3%	1.4%	0.3%	0.0%
VDSL	36.9%	30.4%	23.0%	10.6%
Symmetric xDSL	0.2%	0.1%	0.1%	0.1%
Copper	0.4%	0.0%	0.0%	0.0%
Fiber	24.3%	24.0%	23.8%	23.4%
Cable	56.4%	56.0%	55.6%	54.6%
DOCSIS 3.1	47.8%	47.7%	47.5%	47.3%
DOCSIS 3.0	9.5%	9.3%	9.1%	8.2%
DOCSIS 1 - 1.1 - 2.0	0.6%	0.5%	0.5%	0.3%
Cable Other	1.2%	1.1%	1.0%	0.9%
Terrestrial Fixed Wireless	67.2%	60.2%	19.6%	10.1%
Satellite	99.8%	99.8%	0.3%	0.3%

Non-Rural US Broadband by Advertised Download/Upload Speeds				
Technology	10 M DL / 1 M UL	25 M DL / 3 M UL	50 M DL / 5 M UL	100 M DL / 10 M UL
Any Fixed Technology Except Satellite	99.6%	99.5%	99.1%	98.7%
Any Wired Technology	99.2%	98.9%	98.7%	98.4%
Any Wired Technology Except Cable	87.8%	73.4%	70.4%	61.3%
DSL	72.1%	45.2%	40.3%	25.7%
Asymmetric xDSL	9.9%	0.2%	0.1%	0.0%
ADSL2	48.8%	0.3%	0.0%	0.0%
VDSL	49.5%	44.9%	40.2%	25.6%
Symmetric xDSL	0.1%	0.0%	0.0%	0.0%
Copper	2.5%	1.0%	1.0%	1.0%
Fiber	46.4%	46.0%	45.8%	45.5%
Cable	97.9%	97.8%	97.8%	97.5%
DOCSIS 3.1	93.7%	93.7%	93.6%	93.5%
DOCSIS 3.0	11.0%	11.0%	11.0%	10.7%
DOCSIS 1 - 1.1 - 2.0	0.6%	0.6%	0.3%	0.1%
Cable Other	1.0%	1.0%	0.9%	0.9%
Terrestrial Fixed Wireless	64.9%	62.5%	27.7%	15.7%
Satellite	100.0%	100.0%	0.0%	0.0%

CensusNBM¹ sources include the Census 2010 and the FCC 477 Deployment data as of December 2020

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