

APPENDIX B

FIXED BROADBAND SERVICES

APPENDIX B-1: Percentage of Households with Zero, One, Two, or At Least Three Provider Options for Residential Fixed Terrestrial Broadband Services with Speeds of At Least 100/20 Mbps

APPENDIX B-2: Percentage of Households with Zero, One, Two, or At Least Three Provider Options for Residential Fixed Terrestrial Broadband Services with Speeds of At Least 940/500 Mbps

APPX. B-1

Percentage of Households with Zero, One, Two, or At Least Three Provider Options for Residential Fixed Terrestrial Broadband Services with Speeds of At Least 100/20 Mbps (Dec. 31, 2023)

	Households (millions)	Zero	One	Two	At Least Three
United States	127.340	4.8%	28.9%	36.8%	29.4%
Alabama	2.032	12.6%	38.1%	30.9%	18.4%
Alaska	0.285	18.4%	35.2%	45.4%	1.0%
American Samoa	0.009	80.9%	19.1%	0.0%	0.0%
Arizona	2.706	5.5%	10.8%	18.4%	65.3%
Arkansas	1.226	11.3%	44.1%	31.6%	12.9%
California	13.245	2.1%	24.8%	34.8%	38.3%
Colorado	2.204	4.0%	22.2%	30.7%	43.1%
Connecticut	1.376	0.7%	28.3%	41.8%	29.2%
Delaware	0.406	1.6%	31.0%	52.9%	14.5%
District of Columbia	0.288	0.0%	2.6%	20.8%	76.6%
Florida	8.793	3.7%	32.9%	39.9%	23.4%
Georgia	4.047	6.2%	33.2%	38.5%	22.0%
Guam	0.041	5.3%	18.8%	36.9%	39.1%
Hawaii	0.415	2.7%	45.5%	44.8%	7.0%
Idaho	0.714	10.7%	24.6%	27.1%	37.6%
Illinois	4.806	3.0%	25.6%	35.6%	35.8%
Indiana	2.648	5.0%	27.2%	38.9%	29.0%
Iowa	1.252	3.8%	26.1%	37.0%	33.1%
Kansas	1.139	4.5%	20.7%	32.5%	42.3%
Kentucky	1.792	10.3%	34.2%	36.4%	19.1%
Louisiana	1.827	12.2%	32.4%	33.9%	21.5%
Maine	0.621	9.6%	50.5%	26.5%	13.4%
Maryland	2.256	1.8%	23.6%	49.0%	25.6%
Massachusetts	2.699	0.6%	33.0%	38.8%	27.5%
Michigan	4.009	6.0%	36.5%	34.6%	22.9%
Minnesota	2.204	4.4%	38.3%	34.0%	23.3%
Mississippi	1.192	15.1%	44.5%	28.3%	12.1%
Missouri	2.446	7.1%	28.1%	36.8%	28.0%
Montana	0.458	19.3%	49.6%	22.2%	9.0%
N. Mariana Isl.	0.011	1.5%	98.5%	0.0%	0.0%
Nebraska	0.753	4.1%	18.9%	28.2%	48.8%

	Households (millions)	Zero	One	Two	At Least Three
Nevada	1.152	1.4%	7.9%	46.5%	44.2%
New Hampshire	0.565	3.2%	38.7%	46.6%	11.5%
New Jersey	3.352	0.6%	29.2%	55.5%	14.7%
New Mexico	0.832	11.0%	24.6%	19.4%	45.0%
New York	7.320	1.6%	22.5%	44.6%	31.4%
North Carolina	4.278	6.5%	36.9%	33.6%	22.9%
North Dakota	0.321	0.7%	43.7%	36.0%	19.7%
Ohio	4.661	4.4%	27.8%	37.7%	30.1%
Oklahoma	1.561	6.0%	22.2%	28.1%	43.7%
Oregon	1.627	6.8%	35.1%	36.1%	21.9%
Pennsylvania	5.089	4.0%	29.7%	46.7%	19.7%
Puerto Rico	1.187	1.7%	6.9%	16.0%	75.4%
Rhode Island	0.432	0.4%	14.8%	71.7%	13.1%
South Carolina	2.161	5.0%	39.7%	37.1%	18.2%
South Dakota	0.354	5.0%	37.9%	39.5%	17.5%
Tennessee	2.771	5.2%	31.6%	37.9%	25.3%
Texas	10.731	3.8%	22.3%	32.6%	41.4%
U.S. Virgin Isl.	0.031	0.4%	30.1%	69.6%	0.0%
Utah	1.109	2.6%	16.9%	29.6%	50.9%
Vermont	0.282	14.2%	45.1%	32.7%	8.1%
Virginia	3.312	6.5%	27.9%	49.5%	16.1%
Washington	2.920	7.4%	41.3%	29.3%	22.0%
West Virginia	0.748	20.8%	46.9%	24.8%	7.4%
Wisconsin	2.408	11.4%	39.6%	34.0%	14.9%
Wyoming	0.236	11.9%	21.7%	35.2%	31.1%

Source: FCC BDC, Dec. 2023; Staff Block Estimates.

APPX. B-2

Percentage of Households with Zero, One, Two, or At Least Three Provider Options for Residential Fixed Terrestrial Broadband Services with Speeds of At Least 940/500 Mbps (Dec. 31, 2023)

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United States	127.340	54.2%	38.5%	6.8%	0.4%
Alabama	2.032	56.8%	38.7%	4.5%	0.0%
Alaska	0.285	96.8%	3.2%	0.0%	0.0%
American Samoa	0.009	100.0%	0.0%	0.0%	0.0%
Arizona	2.706	82.3%	15.7%	1.8%	0.1%
Arkansas	1.226	51.8%	42.9%	5.1%	0.2%
California	13.245	63.2%	33.0%	3.4%	0.4%
Colorado	2.204	62.0%	34.2%	3.1%	0.6%
Connecticut	1.376	37.6%	37.8%	22.6%	2.0%
Delaware	0.406	47.9%	52.1%	0.0%	0.0%
District of Columbia	0.288	43.0%	56.5%	0.6%	0.0%
Florida	8.793	58.0%	40.9%	1.1%	0.0%
Georgia	4.047	52.1%	45.2%	2.6%	0.2%
Guam	0.041	91.2%	8.8%	0.0%	0.0%
Hawaii	0.415	50.7%	49.3%	0.0%	0.0%
Idaho	0.714	73.9%	20.8%	5.2%	0.1%
Illinois	4.806	67.6%	27.9%	4.4%	0.1%
Indiana	2.648	48.1%	45.7%	5.9%	0.3%
Iowa	1.252	49.1%	45.1%	5.5%	0.2%
Kansas	1.139	41.8%	46.6%	10.4%	1.2%
Kentucky	1.792	28.3%	38.0%	31.2%	2.5%
Louisiana	1.827	65.7%	32.0%	2.2%	0.1%
Maine	0.621	62.8%	28.6%	8.5%	0.0%
Maryland	2.256	40.7%	58.2%	1.0%	0.0%
Massachusetts	2.699	55.1%	44.7%	0.2%	0.0%
Michigan	4.009	76.4%	22.0%	1.5%	0.1%
Minnesota	2.204	59.4%	32.2%	8.1%	0.3%
Mississippi	1.192	46.3%	41.9%	11.0%	0.8%
Missouri	2.446	36.5%	48.7%	13.9%	0.9%
Montana	0.458	78.2%	19.4%	2.0%	0.4%
N. Mariana Isl.	0.011	100.0%	0.0%	0.0%	0.0%
Nebraska	0.753	38.4%	50.3%	10.7%	0.6%

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New Jersey	3.352	38.4%	44.4%	17.2%	0.0%
New Mexico	0.832	80.7%	16.9%	2.0%	0.4%
New York	7.320	35.8%	46.5%	17.2%	0.6%
North Carolina	4.278	57.8%	35.9%	6.3%	0.1%
North Dakota	0.321	42.8%	56.2%	1.0%	0.0%
Ohio	4.661	59.3%	29.4%	11.1%	0.2%
Oklahoma	1.561	52.1%	41.2%	6.4%	0.4%
Oregon	1.627	57.2%	40.8%	2.1%	0.0%
Pennsylvania	5.089	52.3%	46.9%	0.8%	0.0%
Puerto Rico	1.187	37.1%	43.6%	14.0%	5.3%
Rhode Island	0.432	22.7%	77.3%	0.0%	0.0%
South Carolina	2.161	57.9%	39.4%	2.7%	0.0%
South Dakota	0.354	55.2%	41.5%	3.3%	0.0%
Tennessee	2.771	40.5%	50.5%	8.6%	0.4%
Texas	10.731	44.0%	40.3%	15.1%	0.7%
U.S. Virgin Isl.	0.031	100.0%	0.0%	0.0%	0.0%
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Virginia	3.312	45.9%	53.2%	0.9%	0.0%
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Wisconsin	2.408	63.9%	34.1%	2.0%	0.0%
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