

**Report Description:**

This report highlights the differences in broadband availability in rural vs. urban areas. The metrics used to illustrate these differences include speed, technology and provider availability.

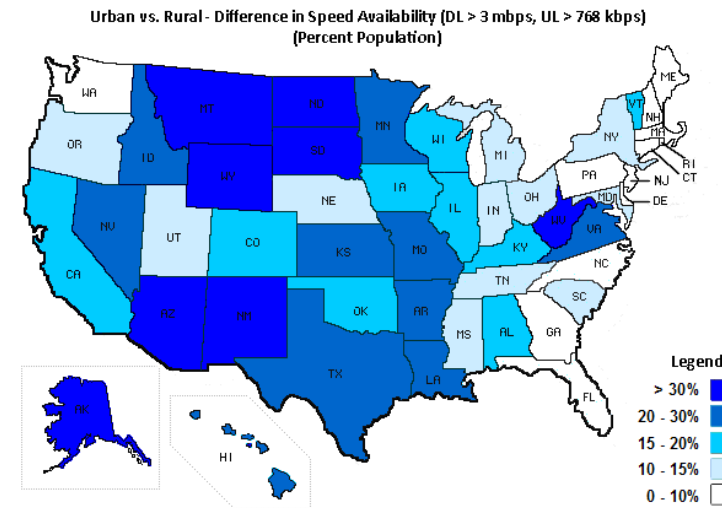
- Urban/ rural definitions based on US Census 2010 block geography
- Data as of December 2011, Report published July 2012

**Speed Availability**

This section illustrates the differences in download, upload, and combination download/ upload speed availability in rural vs. urban areas.

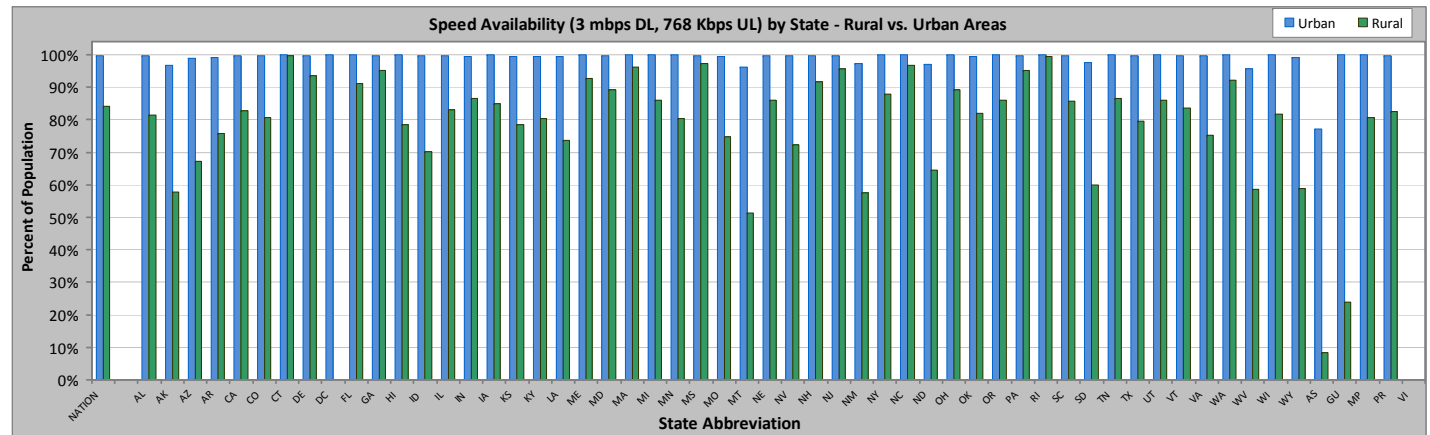
**Map**

The map illustrates the difference in speed availability, in terms of percent of population, for the download > 3 mbps, upload > 768 kbps speed tier. This is calculated by subtracting the percent of the population with access to this speed in rural areas from the percent of the population with access to this speed in urban areas.



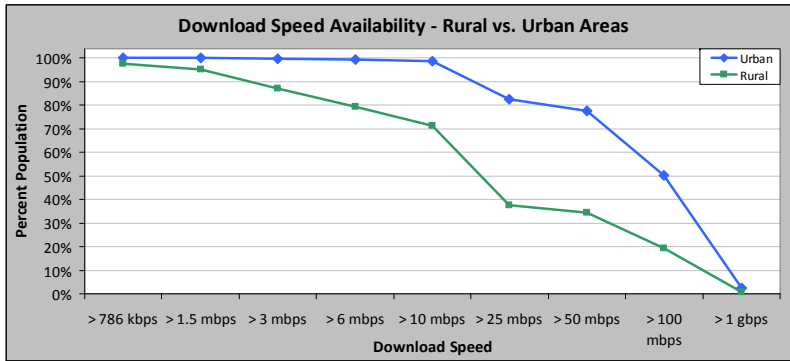
**Chart**

This chart displays the percent of urban and rural populations within each state with reported broadband speeds of 3 mbps download and 768 kbps upload.



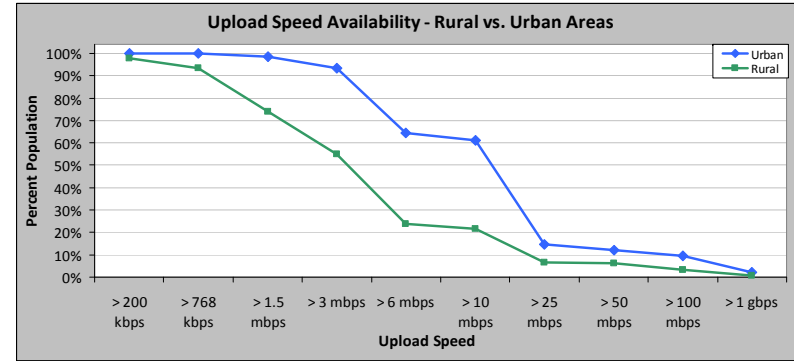
### Download Speed Availability

This graph displays the percent of rural and urban populations with reported availability for various download speed tiers.



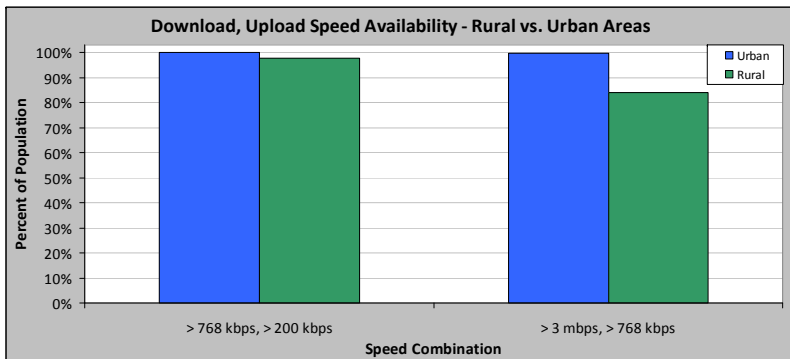
### Upload Speed Availability

This graph displays the percent of rural and urban populations with reported availability of various upload speed tiers.



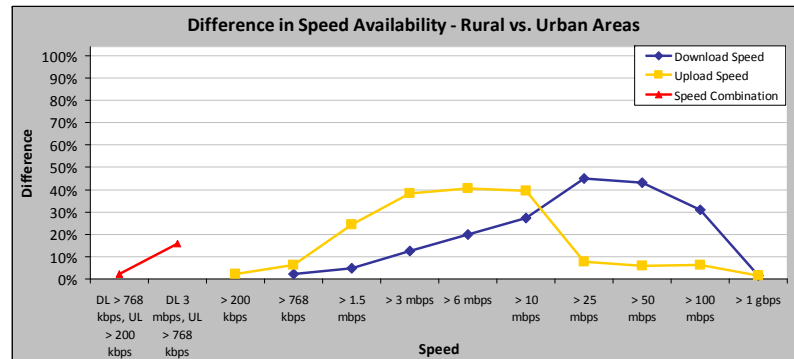
### Download, Upload Speed Availability

This graph displays the percent of rural and urban populations with reported availability for download, upload speed combinations.



### Difference in Speed Availability

This graph compares differences in reported DL speeds, UL speeds and combinations of DL and UL in rural vs. urban areas.

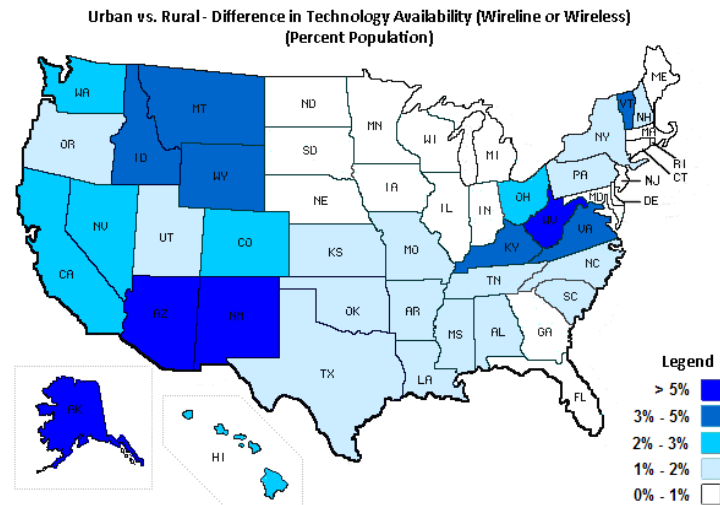


**Technology Availability**

This section illustrates the differences in any (wireline or wireless) technology availability in rural vs. urban areas.

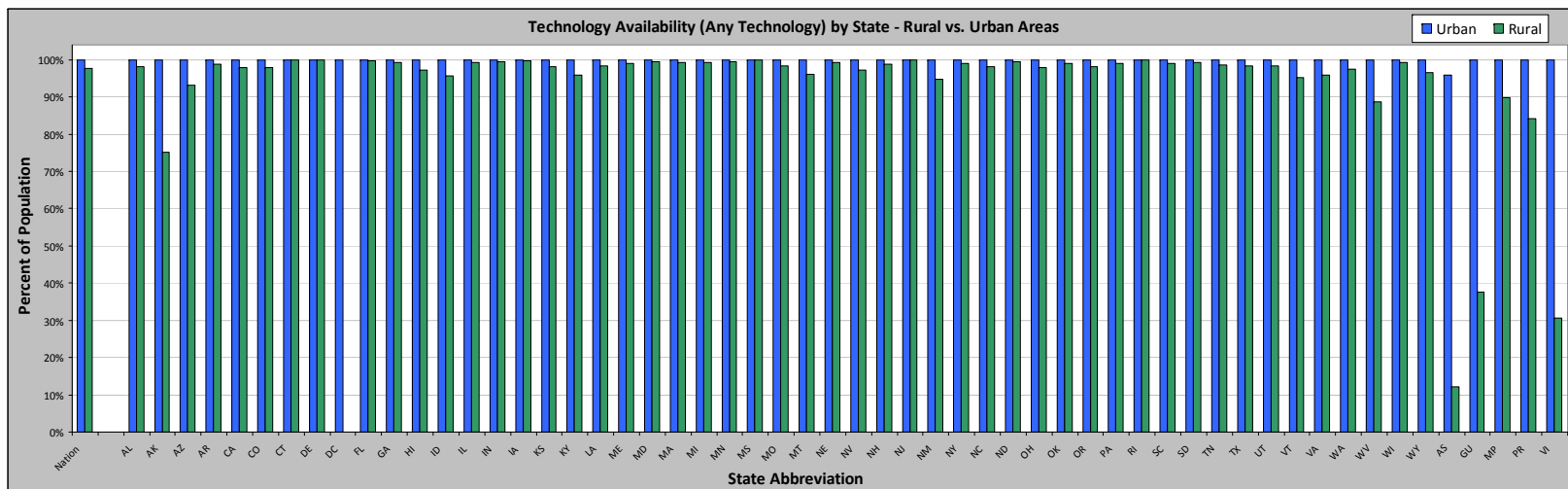
**Map**

The map illustrates the difference in technology availability, in terms of percent of population, for any (wireline or wireless) technology. This is calculated by subtracting the percent of the population with access to any technology in rural areas from the percent of the population with access to any technology in urban areas.



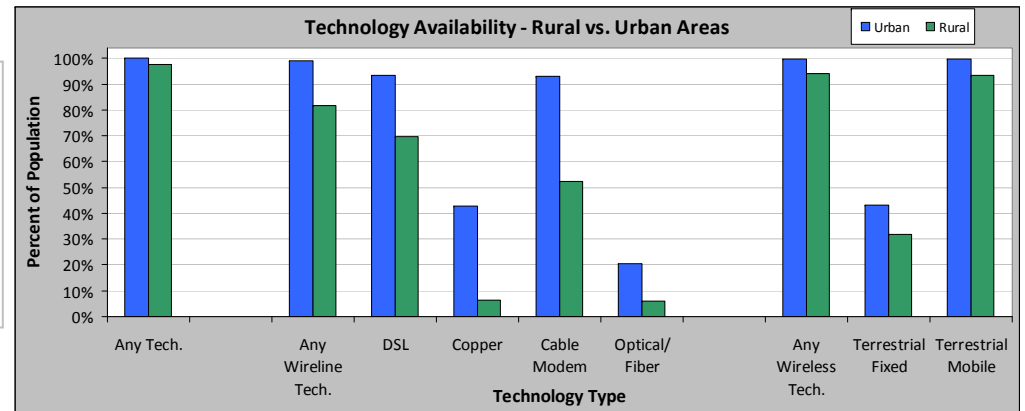
**Chart**

This chart displays the percent of urban and rural populations within each state with access to any technology (wireline or wireless).



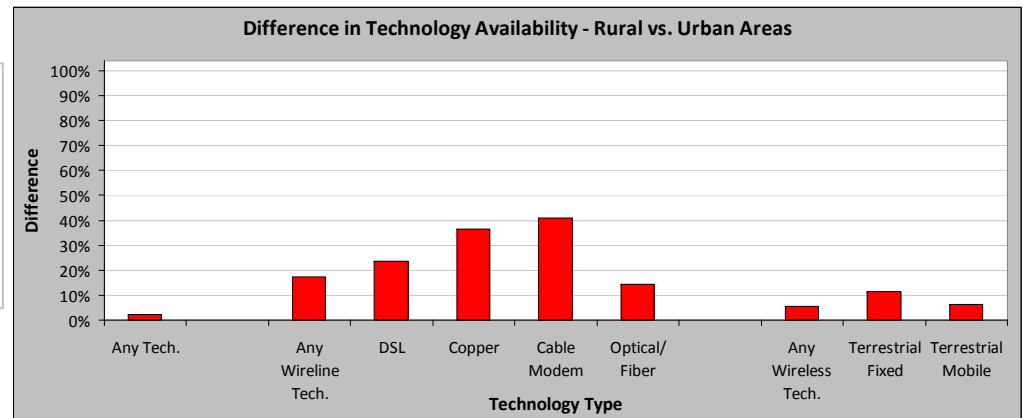
### Technology Availability

The chart to the right displays the percent of population in rural vs. urban areas with reported access to various broadband technology types. Wireline technologies (DSL, Copper, Cable, Optical/Fiber) are shown in the center, while Wireless technologies (Terrestrial Fixed and Terrestrial Mobile) are displayed on the right.



### Difference in Technology Availability

The graph to the right compares the percent difference of reported technology types in rural vs. urban areas. This is calculated by subtracting the percent of the population with access to a given technology in rural areas from the percent of the population with access to that technology in urban areas.

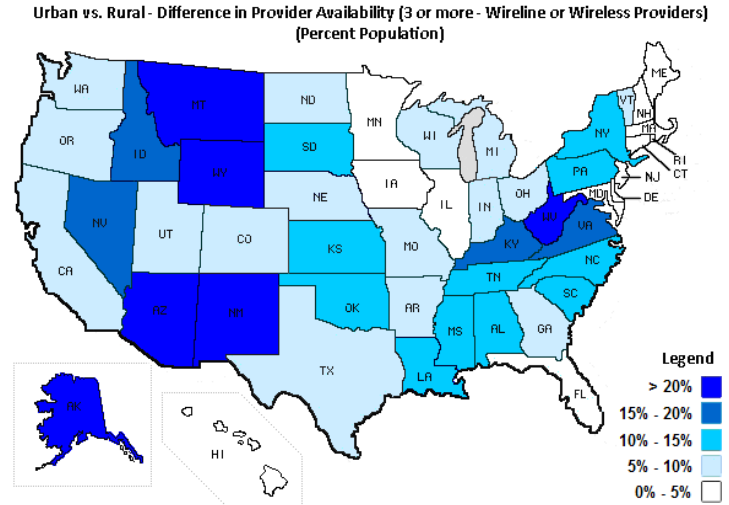


**Provider Availability**

This section illustrates the differences in provider availability (in terms of access to a given number of providers) in rural vs. urban areas.

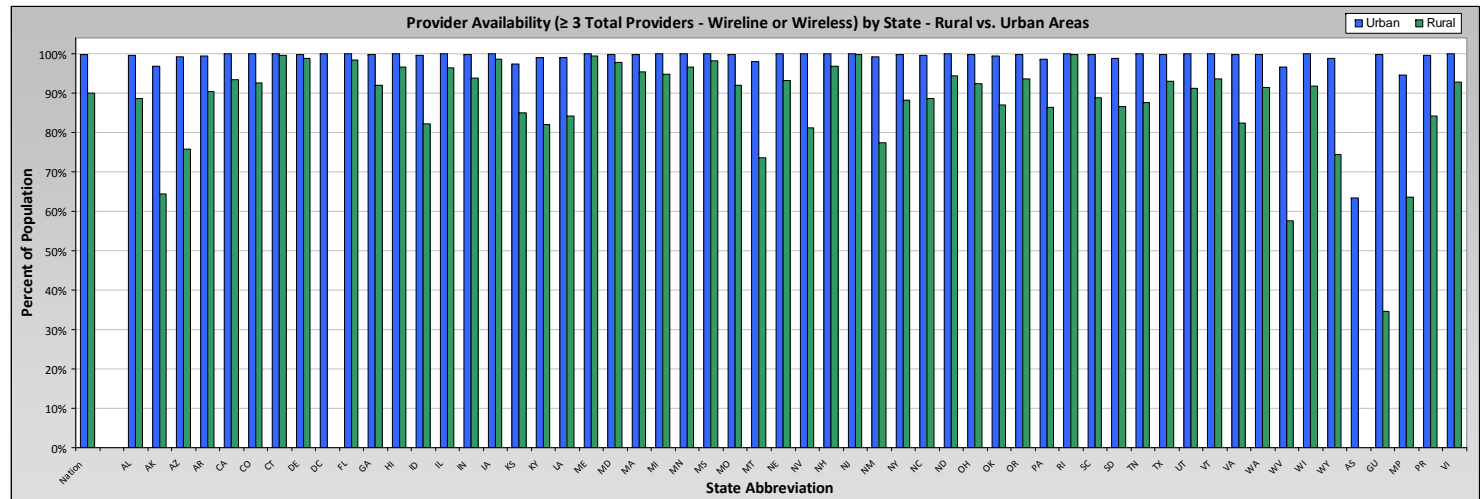
**Map**

The map illustrates the difference in provider availability, in terms of percent of population, of three or more providers (wireline or wireless). This is calculated by subtracting the percent of the population with access to three or more providers in rural areas from the percent of the population with access to three or more providers in urban areas.



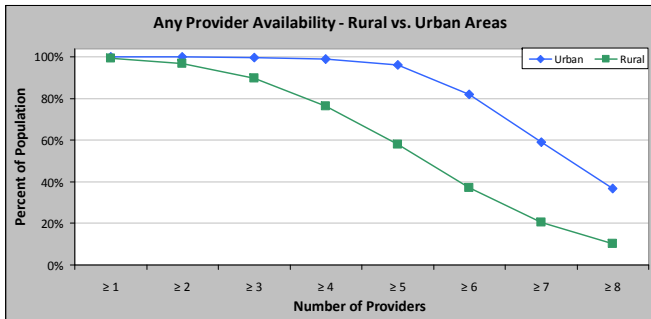
**Chart**

This chart displays the percent of urban and rural populations within each state with access to three or more providers (wireline or wireless).



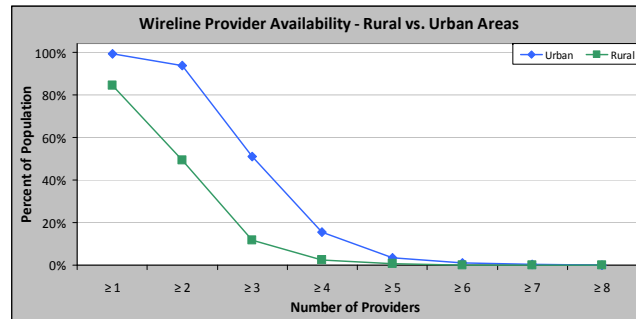
### Any Provider Availability

This graph displays the percent of rural and urban populations with access to a given number of providers (wireline or wireless).



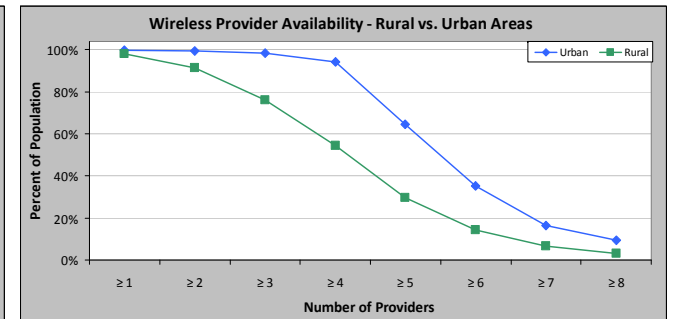
### Wireline Provider Availability

This graph displays the percent of rural and urban populations with access to a given number of wireline providers. Wireline technologies include DSL, Copper, Cable Modem, Optical/ Fiber, and Electric Power Line.



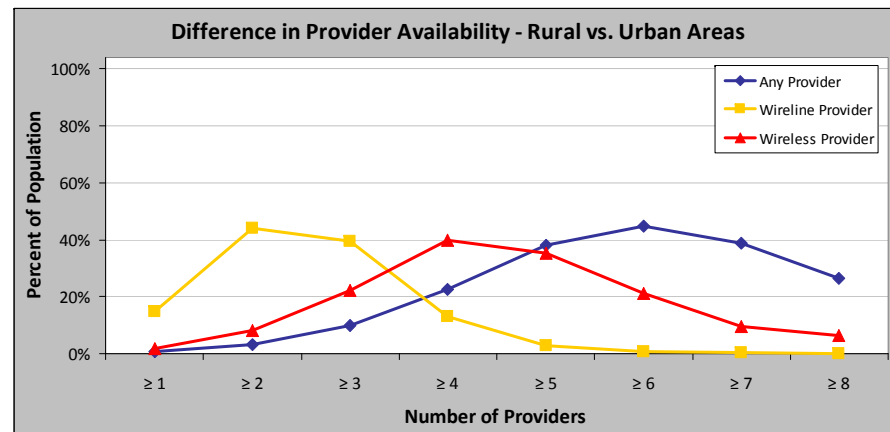
### Wireless Provider Availability

This graph displays the percent of rural and urban populations with access to a given number of wireless providers. Wireless technologies include Terrestrial Fixed Wireless and Terrestrial Mobile Wireless.



### Provider Availability

The chart to the right displays the difference in the reported number of providers in rural and urban areas.



### Urban vs. Rural - Speed Data by State

Geography Information			Download Speed										Upload Speed										Download Speed, Upload Speed	
State Name	State Abbr	Population	Urban/ Rural	≥ 786 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps	≥ 200 kbps	≥ 768 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps	≥ 768 kbps, ≥ 200 kbps	≥ 3 mbps, ≥ 768 kbps
Nationwide		61,000,187	Rural	97.8%	95.3%	87.1%	79.4%	71.4%	37.6%	34.7%	19.3%	0.7%	97.8%	93.6%	74.0%	55.1%	23.9%	21.7%	6.8%	6.3%	3.2%	0.7%	97.8%	84.0%
Nationwide		254,886,460	Urban	100.0%	100.0%	99.8%	99.4%	98.8%	82.8%	77.8%	50.3%	2.3%	100.0%	100.0%	98.4%	93.4%	64.6%	61.3%	14.7%	12.2%	9.4%	2.3%	100.0%	99.7%
Alabama	AL	1,972,605	Rural	98.2%	96.7%	84.5%	81.3%	76.7%	33.0%	32.8%	26.9%	0.4%	98.2%	95.2%	76.2%	61.5%	5.8%	5.8%	0.4%	0.4%	0.4%	0.4%	98.2%	81.3%
Alabama	AL	2,851,269	Urban	100.0%	100.0%	99.9%	99.9%	98.6%	80.5%	73.9%	66.0%	9.0%	100.0%	100.0%	98.2%	92.8%	27.4%	27.4%	9.3%	9.1%	9.1%	9.0%	100.0%	99.6%
Alaska	AK	243,940	Rural	75.1%	74.2%	57.7%	53.0%	49.5%	0.0%	0.0%	0.0%	0.0%	75.1%	71.6%	6.5%	5.3%	3.8%	3.8%	0.0%	0.0%	0.0%	0.0%	75.1%	57.7%
Alaska	AK	471,464	Urban	100.0%	99.3%	96.7%	96.6%	96.5%	0.0%	0.0%	0.0%	0.0%	100.0%	96.9%	31.9%	29.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	96.7%
Arizona	AZ	667,262	Rural	93.3%	83.8%	70.0%	55.1%	48.3%	22.0%	19.2%	0.6%	0.6%	93.3%	84.4%	62.3%	23.5%	8.5%	4.0%	0.8%	0.8%	0.6%	0.6%	93.3%	67.3%
Arizona	AZ	5,903,428	Urban	100.0%	99.9%	99.0%	98.5%	98.3%	85.0%	81.2%	6.4%	6.4%	100.0%	99.9%	98.7%	86.8%	68.7%	36.7%	6.5%	6.4%	6.4%	6.4%	100.0%	98.8%
Arkansas	AR	1,285,839	Rural	98.8%	95.2%	79.7%	76.0%	56.2%	12.4%	12.4%	1.5%	0.1%	98.8%	94.7%	68.7%	25.7%	3.2%	3.1%	0.5%	0.1%	0.1%	0.1%	98.8%	75.7%
Arkansas	AR	1,660,403	Urban	100.0%	100.0%	99.3%	99.2%	97.3%	55.1%	55.1%	21.3%	3.2%	100.0%	100.0%	98.3%	63.0%	21.8%	21.3%	3.2%	3.2%	3.2%	3.2%	100.0%	99.1%
California	CA	1,887,424	Rural	97.9%	95.4%	84.1%	79.9%	64.9%	23.6%	23.3%	16.9%	0.2%	97.9%	95.7%	71.4%	56.5%	22.9%	20.0%	3.4%	3.4%	0.2%	0.2%	97.9%	82.9%
California	CA	35,893,218	Urban	100.0%	100.0%	99.8%	99.4%	98.8%	76.8%	74.5%	43.9%	0.4%	100.0%	100.0%	98.9%	97.4%	84.1%	78.8%	8.9%	3.8%	0.5%	0.4%	100.0%	99.7%
Colorado	CO	703,178	Rural	97.9%	94.4%	83.7%	73.6%	38.7%	15.0%	15.0%	15.0%	0.1%	97.9%	93.7%	72.3%	50.2%	36.2%	18.0%	0.2%	0.2%	0.2%	0.1%	97.9%	80.7%
Colorado	CO	4,408,895	Urban	100.0%	100.0%	99.7%	99.2%	95.7%	77.5%	77.3%	77.3%	0.7%	100.0%	100.0%	98.0%	94.6%	89.6%	81.9%	4.2%	1.9%	1.8%	0.7%	100.0%	99.6%
Connecticut	CT	427,105	Rural	99.9%	99.9%	99.8%	99.8%	99.8%	96.6%	89.8%	81.3%	2.7%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	98.6%	89.8%	81.3%	2.7%	99.9%	99.8%
Connecticut	CT	3,153,412	Urban	100.0%	100.0%	100.0%	100.0%	100.0%	98.6%	95.5%	82.6%	4.9%	100.0%	100.0%	100.0%	100.0%	100.0%	98.6%	95.5%	82.6%	4.9%	100.0%	100.0%	100.0%
Delaware	DE	152,370	Rural	99.9%	99.3%	93.4%	92.0%	91.7%	87.4%	87.4%	77.7%	0.1%	99.9%	99.8%	89.6%	89.3%	87.5%	87.5%	0.1%	0.1%	0.1%	0.1%	99.9%	93.4%
Delaware	DE	757,995	Urban	100.0%	100.0%	99.7%	99.4%	99.2%	97.5%	97.5%	92.1%	0.1%	100.0%	99.8%	99.2%	99.2%	98.3%	98.3%	1.9%	0.1%	0.1%	0.1%	100.0%	99.7%
District of Columbia	DC	0	Rural	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
District of Columbia	DC	605,669	Urban	100.0%	100.0%	100.0%	100.0%	100.0%	98.4%	98.2%	97.8%	4.2%	100.0%	100.0%	100.0%	100.0%	98.7%	98.4%	63.3%	59.3%	4.5%	4.2%	100.0%	100.0%
Florida	FL	1,689,354	Rural	99.8%	99.2%	92.7%	89.6%	85.0%	54.2%	32.9%	30.9%	0.2%	99.8%	97.7%	88.6%	64.5%	33.5%	33.0%	3.6%	3.6%	3.6%	0.2%	99.8%	91.2%
Florida	FL	17,265,097	Urban	100.0%	100.0%	99.9%	99.9%	99.8%	92.8%	67.5%	61.4%	0.1%	100.0%	100.0%	99.9%	98.6%	67.9%	67.6%	10.6%	10.6%	10.6%	0.1%	100.0%	99.9%
Georgia	GA	2,448,824	Rural	99.3%	98.0%	96.5%	85.7%	80.8%	48.3%	44.8%	41.7%	0.1%	99.3%	97.3%	87.7%	73.1%	52.0%	48.2%	4.5%	4.5%	4.3%	0.1%	99.3%	95.1%
Georgia	GA	7,412,290	Urban	100.0%	99.9%	99.0%	99.0%	98.4%	86.7%	83.6%	82.8%	0.7%	100.0%	100.0%	99.6%	94.0%	77.8%	77.1%	17.9%	17.6%	17.2%	0.7%	100.0%	99.7%
Hawaii	HI	111,629	Rural	97.3%	95.3%	78.4%	78.4%	77.4%	69.5%	69.5%	0.0%	0.0%	97.3%	94.7%	74.3%	73.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	97.3%	78.4%
Hawaii	HI	1,250,408	Urban	100.0%	100.0%	99.9%	99.9%	99.9%	99.6%	99.6%	0.0%	0.0%	100.0%	100.0%	99.6%	99.6%	24.2%	24.2%	1.1%	0.0%	0.0%	0.0%	100.0%	99.9%
Idaho	ID	469,940	Rural	95.7%	90.6%	72.6%	65.5%	50.8%	20.5%	19.7%	0.3%	0.1%	95.7%	85.8%	49.2%	28.7%	13.9%	5.1%	0.1%	0.1%	0.1%	0.1%	95.7%	70.2%
Idaho	ID	1,133,766	Urban	100.0%	100.0%	99.6%	99.1%	97.5%	81.3%	81.0%	3.1%	1.8%	100.0%	99.9%	95.6%	62.9%	44.8%	43.1%	2.5%	2.5%	2.3%	1.8%	100.0%	99.6%
Illinois	IL	1,476,406	Rural	99.3%	95.6%	86.8%	74.0%	67.8%	16.7%	14.8%	14.4%	0.0%	99.3%	94.7%	80.4%	58.6%	27.0%	22.1%	1.6%	0.6%	0.2%	0.0%	99.3%	83.0%
Illinois	IL	11,430,419	Urban	100.0%	100.0%	99.8%	99.5%	99.2%	74.2%	72.5%	70.4%	0.0%	100.0%	100.0%	99.5%	97.4%	80.2%	78.1%	4.6%	0.4%	0.0%	0.0%	100.0%	99.7%
Indiana	IN	1,787,670	Rural	99.6%	95.9%	91.3%	81.6%	73.5%	34.4%	32.5%	31.0%	6.0%	99.6%	91.9%	78.6%	57.2%	29.8%	28.3%	6.0%	6.0%	6.0%	6.0%	99.6%	86.4%
Indiana	IN	4,731,173	Urban	100.0%	99.9%	99.8%	99.5%	97.7%	87.5%	79.2%	73.1%	1.1%	100.0%	99.7%	98.2%	92.3%	70.2%	70.0%	17.1%	17.1%	17.1%	17.1%	100.0%	99.4%
Iowa	IA	1,094,599	Rural	99.8%	99.1%	88.6%	73.0%	65.5%	6.5%	4.0%	0.7%	0.0%	99.8%	98.8%	76.4%	37.8%	3.0%	2.4%	0.6%	0.6%	0.2%	0.0%	99.8%	84.9%
Iowa	IA	1,968,912	Urban	100.0%	100.0%	99.9%	99.9%	99.3%	39.2%	28.1%	4.9%	0.0%	100.0%	100.0%	98.2%	80.4%	17.9%	17.9%	2.8%	2.8%	0.8%	0.0%	100.0%	100.0%
Kansas	KS	734,916	Rural	98.1%	97.0%	83.0%	71.9%	62.1%	24.0%	22.9%	2.3%	0.0%	98.1%	96.3%	65.7%	45.9%	10.9%	10.5%	6.6%	5.8%	0.2%	0.0%	98.1%	78.5%
Kansas	KS	2,138,592	Urban	99.9%	99.9%	99.7%	99.2%	97.8%	90.3%	89.5%	6.6%	0.0%	99.9%	99.9%	98.8%	92.9%	10.0%	9.9%	2.7%	2.4%	0.4%	0.0%	99.9%	99.4%
Kentucky	KY	1,814,951	Rural	96.0%	93.0%	82.9%	75.4%	66.8%	22.4%	12.8%	0.4%	0.4%	96.0%	91.1%	52.8%	34.8%	6.7%	5.4%	0.5%	0.4%	0.4%	0.4%	96.0%	80.3%
Kentucky	KY	2,555,126	Urban	100.0%	99.9%	99.5%	99.4%	98.9%	82.1%	19.1%	0.7%	0.6%	100.0%	99.8%	93.5%	88.9%	13.8%	13.6%	3.4%	0.7%	0.7%	0.6%	100.0%	99.4%
Louisiana	LA	1,222,865	Rural	98.3%	92.3%	75.5%	73.1%	66.3%	34.4%	34.2%	18.0%	0.4%	98.3%	90.0%	63.8%	52.3%	8.5%	7.3%	0.6%	0.4%	0.4%	0.4%	98.3%	73.5%
Louisiana	LA	3,379,519	Urban	100.0%	99.9%	99.5%	99.3%	97.9%	77.9%	77.6%	16.3%	1.0%	100.0%	99.9%	95.0%	92.9%	21.3%	19.3%	4.9%	4.6%	4.6%	1.0%	100.0%	99.4%
Maine	ME	813,930	Rural	99.1%	96.8%	95.2%	91.2%	76.2%	5.6%	5.1%	5.1%	0.0%	99.1%	95.3%	32.2%	25.4%	18.8%	10.8%	0.0%	0.0%	0.0%	0.0%	99.1%	92.8%
Maine	ME	512,232	Urban	100.0%	100.0%	100.0%	100.0%	99.5%	11.0%	10.8%	10.8%	1.7%	100.0%	100.0%	94.9%	88.9%	84.6%	77.3%	1.7%	1.7%	1.7%	1.7%	100.0%	99.9%
Maryland	MD	738,095	Rural	99.5%	99.4%	89.1%	83.4%	82.2%	54.7%	54.6%	46.1%	0.2%	99.5%	99.1%	77.9%	65.5%	50.6%	50.6%	1.1%	0.6%	0.6%	0.2%	99.5%	89.1%
Maryland	MD	5,038,195	Urban	100.0%	100.0%	99.6%	98.8%	98.6%	90.4%	89.3%	84.2%	1.1%	100.0%	100.0%	97.6%	96.1%	92.2%	92.2%	21.0%	2.0%	2.0%	1.1%	100.0%	99.6%
Massachusetts	MA	523,260	Rural	99.2%	99.0%	96.1%	92.3%	90.3%	81.0%	79.6%	74.3%	0.1%	99.2%	98.7%	85.4%	83.1%	57.9%	57.9%	0.1%	0.1%	0.1%	0.1%	99.2%	96.1%
Massachusetts	MA	6,033,822	Urban	100.0%	100.0%	100.0%	99.9%	99.9%	96.4%	96.2%	92.2%	0.2%	100.0%	100.0%	98.2%	97.2%	88.7%	88.5%	2.7%	0.7%	0.7%	0.2%	100.0%	100.0%
Michigan	MI	2,497,191	Rural	99.3%	96.1%	88.4%	82.9%	75.5%	51.9%	51.5%	51.5%	0.0%	99.3%	95.0%	79.6%	64.4%	15.2%	15.1%	0.0%	0.0%	0.0%	0.0%	99.3%	86.0%
Michigan	MI	7,325,595	Urban	100.0%	100.0%																			

Geography Information				Download Speed								Upload Speed								Download Speed, Upload Speed				
State Name	State Abbr	Population	Urban/ Rural	≥ 786 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps	≥ 200 kbps	≥ 768 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps	≥ 768 kbps, ≥ 200 kbps	≥ 3 mbps, ≥ 768 kbps
Nationwide		61,000,187	Rural	97.8%	95.3%	87.1%	79.4%	71.4%	37.6%	34.7%	19.3%	0.7%	97.8%	93.6%	74.0%	55.1%	23.9%	21.7%	6.8%	6.3%	3.2%	0.7%	97.8%	84.0%
Nationwide		254,886,460	Urban	100.0%	100.0%	99.8%	99.4%	98.8%	82.8%	77.8%	50.3%	2.3%	100.0%	100.0%	98.4%	93.4%	64.6%	61.3%	14.7%	12.2%	9.4%	2.3%	100.0%	99.7%
Nevada	NV	159,263	Rural	97.3%	90.2%	75.4%	67.9%	51.8%	21.3%	19.4%	17.3%	0.0%	97.3%	79.0%	68.8%	47.9%	15.7%	1.7%	1.5%	1.5%	1.5%	0.0%	97.3%	72.4%
Nevada	NV	2,602,110	Urban	100.0%	100.0%	99.9%	99.5%	96.8%	92.6%	92.3%	19.6%	0.0%	100.0%	99.8%	99.2%	97.1%	64.5%	0.5%	0.5%	0.5%	0.5%	0.0%	100.0%	99.8%
New Hampshire	NH	522,151	Rural	98.8%	97.8%	93.6%	90.8%	88.6%	51.2%	46.3%	46.3%	0.2%	98.8%	98.3%	59.3%	56.1%	48.5%	46.6%	8.4%	0.2%	0.2%	0.2%	98.8%	91.6%
New Hampshire	NH	793,882	Urban	100.0%	100.0%	99.8%	99.8%	99.3%	87.6%	84.2%	84.2%	0.1%	100.0%	100.0%	94.0%	92.8%	92.3%	87.4%	34.4%	0.1%	0.1%	0.1%	100.0%	99.8%
New Jersey	NJ	466,495	Rural	100.0%	99.8%	95.6%	93.0%	92.1%	85.7%	73.9%	72.6%	1.0%	100.0%	99.8%	92.6%	87.7%	74.2%	74.2%	1.0%	1.0%	1.0%	1.0%	100.0%	95.6%
New Jersey	NJ	8,342,161	Urban	100.0%	100.0%	99.8%	99.6%	99.2%	97.3%	96.5%	92.3%	2.1%	100.0%	100.0%	99.5%	98.9%	96.7%	96.7%	5.4%	2.1%	2.1%	2.1%	100.0%	99.8%
New Mexico	NM	470,772	Rural	94.8%	87.8%	57.6%	49.4%	35.0%	7.8%	5.5%	0.0%	0.0%	94.8%	86.5%	49.3%	24.3%	5.9%	4.4%	0.0%	0.0%	0.0%	0.0%	94.8%	57.4%
New Mexico	NM	1,626,893	Urban	100.0%	99.7%	97.5%	96.2%	89.4%	43.3%	16.6%	0.1%	0.0%	100.0%	99.5%	92.8%	76.7%	29.3%	25.8%	0.2%	0.1%	0.1%	0.0%	100.0%	97.3%
New York	NY	2,341,554	Rural	99.0%	96.8%	91.7%	85.8%	85.1%	54.3%	54.2%	15.3%	2.8%	99.0%	93.8%	64.7%	62.8%	15.8%	15.5%	5.5%	5.5%	4.9%	2.8%	99.0%	87.9%
New York	NY	17,124,896	Urban	100.0%	100.0%	100.0%	100.0%	100.0%	95.8%	95.7%	57.9%	9.3%	100.0%	100.0%	98.1%	97.7%	84.3%	84.0%	24.7%	17.0%	16.5%	9.3%	100.0%	100.0%
North Carolina	NC	3,275,823	Rural	98.1%	98.1%	97.5%	90.0%	86.3%	65.2%	59.1%	12.9%	0.0%	98.1%	97.1%	96.0%	64.9%	3.4%	3.1%	1.0%	0.2%	0.2%	0.0%	98.1%	96.8%
North Carolina	NC	6,451,611	Urban	100.0%	100.0%	100.0%	99.8%	99.7%	92.3%	89.5%	10.9%	0.6%	100.0%	100.0%	100.0%	91.8%	5.9%	5.2%	3.3%	1.6%	1.5%	0.6%	100.0%	100.0%
North Dakota	ND	268,497	Rural	99.5%	98.9%	82.2%	60.4%	51.6%	38.7%	25.9%	1.2%	0.0%	99.5%	98.4%	57.5%	48.5%	9.7%	8.3%	8.3%	2.2%	0.0%	0.0%	99.5%	64.4%
North Dakota	ND	406,641	Urban	100.0%	100.0%	99.6%	99.3%	96.9%	88.2%	87.3%	0.0%	0.0%	100.0%	100.0%	95.1%	89.4%	18.7%	11.0%	11.0%	0.1%	0.0%	0.0%	100.0%	97.1%
Ohio	OH	2,542,737	Rural	98.0%	95.7%	90.9%	85.3%	77.6%	47.3%	47.1%	1.9%	0.0%	98.0%	94.6%	76.8%	64.0%	3.4%	2.0%	0.0%	0.0%	0.0%	0.0%	98.0%	89.2%
Ohio	OH	8,979,186	Urban	100.0%	100.0%	99.9%	99.9%	99.5%	86.5%	86.5%	1.2%	0.0%	100.0%	100.0%	98.6%	96.5%	10.8%	6.8%	0.0%	0.0%	0.0%	0.0%	100.0%	99.9%
Oklahoma	OK	1,275,754	Rural	99.0%	95.2%	82.0%	67.0%	56.1%	10.8%	10.5%	0.0%	0.0%	99.0%	99.0%	95.2%	82.0%	67.0%	56.1%	10.8%	10.5%	0.0%	0.0%	99.0%	82.0%
Oklahoma	OK	2,512,523	Urban	100.0%	100.0%	99.4%	98.8%	98.1%	79.0%	79.0%	0.0%	0.0%	100.0%	100.0%	99.4%	98.8%	98.1%	79.0%	79.0%	0.0%	0.0%	0.0%	100.0%	99.4%
Oregon	OR	731,758	Rural	98.2%	94.9%	87.5%	85.2%	77.9%	59.2%	57.7%	44.5%	0.6%	98.2%	91.1%	82.8%	69.9%	50.1%	39.6%	29.5%	29.3%	5.2%	0.5%	98.2%	85.9%
Oregon	OR	3,153,466	Urban	100.0%	100.0%	99.9%	99.9%	99.6%	88.1%	96.4%	88.1%	1.2%	100.0%	100.0%	99.7%	97.8%	91.2%	88.1%	77.6%	76.8%	27.9%	0.7%	100.0%	99.9%
Pennsylvania	PA	2,714,577	Rural	99.0%	97.8%	95.5%	91.5%	86.5%	53.9%	53.7%	6.1%	0.2%	99.0%	97.2%	72.8%	56.1%	43.3%	42.8%	9.1%	9.0%	6.1%	0.2%	99.0%	95.0%
Pennsylvania	PA	10,010,917	Urban	100.0%	100.0%	99.9%	99.5%	98.9%	88.8%	88.7%	42.0%	1.4%	100.0%	100.0%	95.9%	91.5%	85.1%	84.3%	43.8%	43.7%	42.0%	1.4%	100.0%	99.8%
Rhode Island	RI	95,677	Rural	99.9%	99.9%	99.3%	99.3%	99.3%	96.3%	96.3%	4.8%	4.4%	99.9%	99.9%	99.3%	96.4%	62.1%	62.1%	4.8%	4.8%	4.8%	4.4%	99.9%	99.3%
Rhode Island	RI	949,813	Urban	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	62.0%	49.0%	100.0%	100.0%	100.0%	86.5%	86.5%	62.0%	62.0%	62.0%	49.0%	4.4%	100.0%	100.0%
South Carolina	SC	1,575,057	Rural	99.0%	96.0%	92.3%	86.9%	78.5%	42.0%	41.1%	20.3%	0.0%	99.0%	89.5%	75.6%	64.2%	8.2%	8.2%	0.0%	0.0%	0.0%	0.0%	99.0%	85.8%
South Carolina	SC	3,127,180	Urban	100.0%	99.9%	99.9%	99.7%	99.1%	83.0%	81.8%	28.1%	0.0%	100.0%	99.9%	98.3%	94.1%	22.0%	22.0%	0.0%	0.0%	0.0%	0.0%	100.0%	99.8%
South Dakota	SD	353,981	Rural	99.3%	99.0%	87.1%	63.7%	48.0%	22.3%	22.1%	17.7%	1.7%	99.3%	97.9%	45.3%	35.7%	23.8%	21.6%	17.7%	17.7%	1.7%	1.7%	99.3%	59.8%
South Dakota	SD	467,754	Urban	100.0%	100.0%	99.4%	98.8%	97.5%	94.6%	90.2%	77.7%	35.0%	100.0%	100.0%	97.5%	97.3%	91.2%	89.4%	78.1%	77.7%	77.7%	35.0%	100.0%	97.5%
Tennessee	TN	2,154,990	Rural	98.6%	94.9%	87.9%	86.3%	78.4%	49.8%	49.4%	48.4%	1.4%	98.6%	93.7%	77.9%	73.2%	22.7%	22.7%	1.4%	1.4%	1.4%	1.4%	98.6%	86.4%
Tennessee	TN	4,265,809	Urban	100.0%	100.0%	99.9%	99.9%	99.3%	93.2%	93.0%	92.3%	7.1%	100.0%	100.0%	99.4%	98.5%	72.6%	72.5%	7.5%	7.1%	7.1%	7.1%	100.0%	99.9%
Texas	TX	3,902,890	Rural	98.4%	93.7%	83.8%	72.0%	57.4%	11.6%	8.9%	4.7%	0.0%	98.4%	91.1%	74.3%	39.4%	8.6%	3.6%	0.0%	0.0%	0.0%	0.0%	98.4%	79.5%
Texas	TX	21,804,506	Urban	100.0%	100.0%	99.8%	99.3%	98.6%	57.1%	50.1%	27.1%	0.0%	100.0%	99.9%	98.5%	89.0%	28.4%	25.7%	0.0%	0.0%	0.0%	0.0%	100.0%	99.7%
Utah	UT	267,347	Rural	98.3%	96.4%	87.1%	80.2%	73.5%	37.5%	35.2%	22.9%	1.4%	98.3%	95.9%	70.8%	49.6%	43.6%	39.1%	2.9%	2.9%	1.4%	1.4%	98.3%	85.9%
Utah	UT	2,577,655	Urban	100.0%	100.0%	100.0%	99.7%	99.5%	93.9%	93.3%	89.7%	7.5%	100.0%	100.0%	98.7%	96.9%	93.6%	93.3%	13.1%	13.0%	7.5%	7.5%	100.0%	100.0%
Vermont	VT	381,027	Rural	95.2%	93.1%	83.8%	80.7%	80.4%	10.2%	10.1%	9.7%	1.6%	95.2%	94.4%	61.1%	11.4%	5.0%	4.6%	4.2%	4.2%	3.8%	1.6%	95.2%	83.6%
Vermont	VT	243,482	Urban	100.0%	100.0%	99.8%	99.7%	99.3%	36.5%	35.9%	35.9%	10.5%	100.0%	100.0%	99.4%	46.8%	36.9%	36.9%	27.4%	27.4%	27.4%	10.5%	100.0%	99.8%
Virginia	VA	1,978,159	Rural	96.0%	91.1%	78.2%	68.2%	65.9%	23.7%	18.0%	14.2%	0.3%	96.0%	88.3%	66.0%	40.4%	16.8%	15.5%	0.4%	0.3%	0.3%	0.3%	96.0%	75.2%
Virginia	VA	6,084,716	Urban	100.0%	100.0%	99.8%	99.5%	99.4%	79.4%	75.5%	39.4%	0.8%	100.0%	100.0%	99.2%	91.5%	68.4%	68.3%	2.5%	0.9%	0.9%	0.8%	100.0%	99.8%
Washington	WA	1,085,115	Rural	97.5%	95.7%	92.2%	90.9%	88.2%	71.4%	70.4%	67.8%	4.0%	97.5%	97.5%	95.7%	92.2%	90.9%	88.2%	71.4%	70.4%	67.8%	4.0%	97.5%	92.2%
Washington	WA	5,741,523	Urban	100.0%	100.0%	100.0%	99.9%	99.7%	98.5%	98.2%	97.4%	2.8%	100.0%	100.0%	100.0%	99.9%	99.7%	98.5%	98.2%	97.4%	2.8%	2.8%	100.0%	100.0%
West Virginia	WV	954,752	Rural	88.6%	88.1%	81.4%	37.3%	32.0%	25.7%	25.5%	0.0%	0.0%	88.6%	72.1%	56.3%	16.3%	2.8%	2.7%	0.0%	0.0%	0.0%	0.0%	88.6%	58.5%
West Virginia	WV	903,278	Urban	99.9%	99.8%	99.6%	73.9%	61.1%	43.3%	43.3%	0.2%	0.2%	99.9%	98.8%	93.9%	23.1%	3.5%	3.4%	0.2%	0.2%	0.2%	0.2%	99.9%	95.7%
Wisconsin	WI	1,700,037	Rural	99.3%	97.9%	86.5%	75.4%	65.8%	39.4%	35.5%	26.5%	0.1%	99.3%	95.3%	69.0%	55.7%	10.7%	7.2%	5.7%	3.9%	0.3%	0.1%	99.3%	81.7%
Wisconsin	WI	4,009,561	Urban	100.0%	100.0%	99.9%	99.7%	94.0%	94.0%	93.5%	41.7%	0.2%	100.0%	100.0%	99.4%	97.7%	9.8%	7.0%	5.9%	2.5%	0.3%	0.2%	100.0%	100.0%
Wyoming	WY	202,992	Rural	96.6%	89.7%	68.0%	52.3%	41.3%	5.2%	0.3%	0.0%	0.0%	96.6%	84.8%	44.5%	27.7%	7.1%	5.1%	4.6%	0.0%	0.0%	0.0%	96.6%	58.9%
Wyoming	WY	371,139	Urban	100.0%	99.6%	99.4%	98.4%	97.4%	29.5%	3.4%	0.9%	0.1%	100.0%	99.6%	88.1%	65.6%	29.6%	26.3%	23.5%	0.1%	0.1%	0.1%	100.0%	99.2%
American Samoa	AS	43,350	Rural	12.2%	8.4%	8.4%	5.2%	5.2%	0.0%	0.0%	0.0%	0.0%	12.2%	8.4%	6.1%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.2%	8.4%
American Samoa	AS	12,169	Urban	95.9%	86.7%	77.0%	29.7%	29.7%	0.0%	0.0%	0.0%	0.0%	95.9%	77.0%	63.4%	29.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	95.9%	77.0%
Guam	GU	113,610	Rural	37.5%	37.5%	23.9%	23.9%	20.4%	3.2%	0.0%	0.0%	0.0%	37.5%	37.5%	23.9%	7.7%	4.6%	3.2%	0.0%	0.0%	0.0%	0.0%	37.5%	23.9%
Guam	GU	45,751	Urban	100.0%	100.0%	99.9%	99.9%	99.9%	20.6%	0.0%	0.0%	0.0%	100.0%	100.0%	99.9%	73.4%	54.7%	20.6%	0.0%	0.0%	0.0%	0.0%	100.0%	99.9%
Northern Mariana Islands	MP	15,395	Rural	89.8%	89.8%	80.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.8%	89.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.8%	80.5%
Northern Mariana Islands	MP	38,575	Urban																					



### Urban vs. Rural - Technology Data by State

Geography Information				Any Technology	Wireline Technologies									Wireless Technologies					Other	
State Name	State Abbr	Population	Urban/Rural	Any Technology	Any Wireline	DSL	Asym DSL	Sym DSL	Copper	Cable Modem	Cable DOCSIS	Cable-Other	Optical/ Fiber	Electric Pwr Line	Any Wireless (No Satellite)	Terrestrial Fixed Wireless	Terrestrial Fixed (Unlic.)	Terrestrial Fixed(Lic)	Terrestrial Mobile	Other
Nationwide		61,000,187	Rural	97.8%	81.7%	69.8%	69.4%	1.7%	6.4%	52.3%	36.9%	17.0%	6.1%	0.0%	31.7%	94.1%	28.0%	10.2%	93.5%	0.0%
Nationwide		254,886,460	Urban	100.0%	99.1%	93.5%	93.4%	25.5%	43.0%	93.1%	80.7%	16.4%	20.6%	0.1%	99.8%	98.9%	39.2%	16.0%	99.8%	0.0%
Alabama	AL	1,972,605	Rural	98.2%	83.6%	69.8%	69.8%	0.0%	1.3%	52.8%	32.7%	22.3%	2.7%	0.0%	95.3%	12.5%	1.4%	95.2%	0.0%	0.0%
Alabama	AL	2,851,269	Urban	100.0%	99.0%	91.4%	91.4%	8.6%	18.6%	95.1%	79.8%	33.5%	9.7%	0.0%	100.0%	9.3%	9.3%	0.3%	100.0%	0.0%
Alaska	AK	243,940	Rural	75.1%	65.9%	63.8%	62.8%	0.9%	0.0%	30.8%	0.0%	30.8%	1.2%	0.0%	69.7%	17.2%	16.9%	11.6%	69.3%	0.0%
Alaska	AK	471,464	Urban	100.0%	99.9%	94.8%	94.8%	0.0%	0.0%	98.2%	0.0%	98.2%	2.1%	0.0%	96.0%	60.9%	45.3%	57.3%	96.0%	0.0%
Arizona	AZ	667,262	Rural	93.3%	61.8%	53.7%	53.1%	2.8%	5.9%	29.0%	23.6%	5.7%	1.5%	0.0%	88.6%	63.6%	47.3%	28.1%	88.0%	0.0%
Arizona	AZ	5,903,428	Urban	100.0%	98.8%	94.8%	93.2%	62.4%	69.8%	95.9%	86.0%	12.0%	7.1%	0.0%	99.7%	97.5%	91.3%	74.9%	99.7%	0.0%
Arkansas	AR	1,285,839	Rural	98.8%	76.1%	66.8%	66.8%	0.0%	0.0%	40.9%	19.6%	21.7%	1.1%	0.0%	97.8%	32.7%	32.7%	0.0%	97.8%	0.0%
Arkansas	AR	1,660,405	Urban	100.0%	99.1%	94.6%	94.6%	0.0%	0.0%	95.8%	64.2%	32.5%	4.9%	0.0%	100.0%	51.4%	51.4%	0.0%	100.0%	0.0%
California	CA	1,887,424	Rural	97.9%	61.5%	49.5%	49.5%	1.0%	14.9%	29.2%	21.8%	7.5%	2.3%	0.0%	96.7%	55.2%	64.7%	1.9%	95.7%	0.0%
California	CA	35,893,218	Urban	100.0%	99.3%	95.1%	95.1%	45.9%	76.8%	90.0%	71.5%	19.0%	14.7%	0.0%	99.9%	60.6%	60.6%	0.2%	99.9%	0.0%
Colorado	CO	703,178	Rural	97.9%	76.7%	71.6%	67.0%	19.2%	15.3%	25.3%	14.9%	10.4%	3.1%	0.0%	94.8%	58.4%	45.2%	15.2%	94.2%	0.0%
Colorado	CO	4,408,895	Urban	100.0%	99.2%	98.6%	97.5%	54.2%	79.6%	84.7%	77.1%	7.6%	2.2%	0.0%	100.0%	74.0%	69.4%	4.7%	100.0%	0.0%
Connecticut	CT	427,105	Rural	99.9%	98.4%	84.7%	84.7%	1.0%	12.0%	97.4%	96.7%	0.9%	4.3%	0.0%	98.0%	0.0%	0.0%	0.0%	98.0%	0.0%
Connecticut	CT	3,153,412	Urban	100.0%	99.7%	97.6%	97.6%	27.2%	51.3%	98.9%	98.6%	0.4%	6.8%	0.0%	99.7%	0.0%	0.0%	0.0%	99.7%	0.0%
Delaware	DE	152,770	Rural	99.9%	95.0%	74.0%	74.0%	0.1%	5.2%	88.9%	77.7%	15.3%	22.4%	0.0%	98.8%	0.0%	0.0%	0.0%	98.8%	0.0%
Delaware	DE	757,395	Urban	100.0%	99.5%	80.5%	80.5%	21.7%	50.1%	96.5%	92.1%	5.0%	60.5%	0.0%	99.5%	0.0%	0.0%	0.0%	99.5%	0.0%
District of Columbia	DC		Rural	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
District of Columbia	DC	605,669	Urban	100.0%	98.7%	98.1%	98.1%	97.8%	98.6%	97.8%	97.8%	0.0%	23.1%	0.0%	100.0%	15.0%	15.0%	0.0%	100.0%	0.0%
Florida	FL	1,689,354	Rural	99.8%	87.8%	75.3%	75.3%	0.0%	0.1%	59.7%	57.3%	2.8%	6.2%	0.0%	98.8%	98.8%	5.5%	11.7%	98.6%	0.0%
Florida	FL	17,265,097	Urban	100.0%	98.2%	87.5%	87.5%	0.0%	0.7%	94.3%	93.3%	5.6%	17.6%	0.0%	99.5%	15.1%	13.3%	2.0%	99.5%	0.0%
Georgia	GA	2,448,824	Rural	99.3%	93.1%	85.6%	85.6%	0.2%	27.2%	55.9%	46.9%	14.1%	9.0%	0.0%	95.4%	9.2%	4.2%	4.2%	95.3%	0.0%
Georgia	GA	7,412,290	Urban	100.0%	99.6%	96.2%	96.2%	15.8%	78.8%	92.4%	87.8%	9.9%	20.7%	0.0%	100.0%	8.8%	6.5%	2.2%	100.0%	0.0%
Hawaii	HI	111,629	Rural	97.3%	77.7%	18.9%	18.9%	0.0%	1.3%	77.0%	69.5%	7.6%	8.1%	0.0%	91.4%	3.1%	0.0%	3.1%	91.4%	0.0%
Hawaii	HI	1,250,408	Urban	100.0%	99.9%	69.8%	69.8%	0.0%	5.2%	99.8%	99.6%	0.2%	4.8%	0.0%	99.8%	58.5%	0.0%	58.5%	99.7%	0.0%
Idaho	ID	469,940	Rural	95.7%	65.8%	59.6%	59.6%	0.0%	0.6%	27.8%	19.6%	8.2%	1.6%	0.0%	92.3%	56.7%	50.2%	13.7%	88.1%	0.0%
Idaho	ID	1,133,766	Urban	100.0%	99.0%	94.9%	94.9%	0.0%	27.1%	96.7%	81.2%	15.5%	4.9%	0.0%	100.0%	90.2%	72.3%	31.3%	100.0%	0.0%
Illinois	IL	1,476,406	Rural	99.3%	69.5%	55.8%	46.8%	11.1%	6.4%	42.4%	15.1%	28.0%	1.7%	0.0%	98.6%	70.9%	68.1%	10.0%	98.4%	0.0%
Illinois	IL	11,430,419	Urban	100.0%	99.3%	93.3%	92.7%	40.4%	72.4%	79.9%	72.9%	12.3%	0.5%	0.1%	100.0%	93.5%	45.5%	71.1%	100.0%	0.0%
Indiana	IN	1,787,679	Rural	99.6%	86.4%	80.0%	80.0%	0.2%	2.2%	45.5%	43.5%	2.1%	8.4%	0.0%	98.5%	69.3%	67.5%	6.6%	97.1%	0.0%
Indiana	IN	4,731,173	Urban	100.0%	99.2%	97.3%	97.3%	15.2%	36.8%	90.0%	88.6%	1.4%	18.9%	0.0%	99.9%	74.4%	70.6%	7.2%	99.7%	0.0%
Iowa	IA	1,094,599	Rural	99.8%	86.3%	77.8%	77.4%	1.7%	0.0%	39.3%	3.7%	35.8%	13.5%	0.0%	99.4%	55.5%	44.4%	24.6%	99.3%	0.0%
Iowa	IA	1,968,912	Urban	100.0%	99.7%	96.6%	96.4%	6.6%	0.0%	98.8%	23.3%	77.7%	30.4%	0.0%	100.0%	77.6%	63.0%	36.9%	100.0%	0.0%
Kansas	KS	734,916	Rural	98.1%	75.8%	56.5%	56.5%	0.7%	2.2%	33.2%	18.5%	14.8%	15.8%	0.0%	91.0%	56.7%	54.3%	18.3%	86.0%	0.0%
Kansas	KS	2,138,592	Urban	99.9%	98.7%	93.5%	93.5%	12.0%	30.1%	96.1%	89.2%	7.0%	5.0%	0.0%	98.3%	60.1%	59.8%	13.4%	96.4%	0.0%
Kentucky	KY	1,814,951	Rural	96.0%	80.4%	66.5%	66.4%	2.0%	1.2%	46.2%	21.9%	25.8%	4.2%	0.0%	82.7%	16.0%	15.5%	0.6%	82.3%	0.0%
Kentucky	KY	2,555,126	Urban	100.0%	99.3%	92.6%	92.6%	13.5%	25.4%	96.5%	82.2%	15.7%	8.7%	0.0%	99.5%	15.1%	14.9%	0.2%	99.5%	0.0%
Louisiana	LA	1,222,865	Rural	98.3%	75.7%	58.2%	58.2%	0.0%	2.7%	50.6%	39.3%	13.0%	5.9%	0.0%	97.3%	13.6%	13.6%	0.0%	97.2%	0.0%
Louisiana	LA	3,379,519	Urban	100.0%	99.0%	93.5%	93.5%	13.5%	26.0%	93.5%	87.3%	7.7%	9.3%	0.0%	100.0%	14.3%	14.3%	0.0%	100.0%	0.0%
Maine	ME	813,930	Rural	99.1%	93.0%	84.9%	84.9%	18.1%	1.1%	78.1%	5.1%	73.0%	0.3%	0.0%	96.2%	35.5%	35.5%	0.0%	95.4%	0.0%
Maine	ME	512,232	Urban	100.0%	100.0%	98.6%	98.5%	92.2%	3.2%	98.8%	9.1%	89.7%	1.7%	0.0%	99.5%	25.5%	25.5%	0.0%	99.5%	0.0%
Maryland	MD	738,095	Rural	99.5%	88.0%	68.3%	68.3%	1.4%	20.4%	71.5%	51.1%	22.3%	14.4%	0.0%	97.4%	9.9%	9.9%	0.0%	97.3%	0.0%
Maryland	MD	5,038,190	Urban	100.0%	99.4%	91.3%	91.3%	48.9%	84.4%	90.4%	84.7%	11.3%	62.3%	0.0%	99.4%	34.7%	34.7%	0.0%	99.4%	0.0%
Massachusetts	MA	523,260	Rural	99.2%	96.5%	87.9%	87.9%	0.7%	12.0%	85.7%	78.5%	7.7%	22.4%	0.0%	96.2%	11.0%	11.0%	0.0%	95.9%	0.0%
Massachusetts	MA	6,033,822	Urban	100.0%	99.7%	95.2%	95.2%	42.1%	64.9%	97.5%	95.7%	2.9%	39.2%	0.0%	99.8%	19.4%	19.4%	0.0%	99.8%	0.0%
Michigan	MI	2,497,191	Rural	99.3%	85.6%	70.7%	70.7%	1.0%	1.0%	62.4%	51.5%	1.0%	5.5%	0.0%	97.7%	55.5%	49.5%	24.0%	97.2%	0.0%
Michigan	MI	7,325,596	Urban	100.0%	99.7%	97.6%	97.6%	5.7%	5.7%	98.1%	93.3%	29.5%	1.7%	0.0%	99.8%	64.1%	61.7%	10.9%	99.8%	0.0%
Minnesota	MN	1,419,723	Rural	99.5%	86.4%	79.4%	75.5%	4.4%	0.0%	36.9%	17.7%	20.1%	12.1%	0.0%	97.8%	46.1%	36.7%	24.7%	97.7%	0.0%
Minnesota	MN	3,909,407	Urban	100.0%	99.7%	97.0%	96.9%	1.0%	0.0%	98.5%	87.7%	12.1%	3.5%	0.0%	100.0%	82.2%	77.7%	15.2%	100.0%	0.0%
Mississippi	MS	1,508,841	Rural	99.9%	98.0%	71.8%	71.7%	0.3%	87.1%	91.4%	91.3%	4.3%	7.9%	0.0%	97.5%	2.4%	2.4%	0.0%	97.5%	0.0%
Mississippi	MS	1,469,964	Urban	100.0%	99.8%	96.9%	96.8%	4.5%	95.3%	99.6%	4.0%	37.4%	0.0%	0.0%	100.0%	6.9%	6.9%	0.0%	100.0%	0.0%
Missouri	MO	1,780,249	Rural	98.4%	77.3%	70.4%	70.4%	0.5%	2.2%	29.6%	18.6%	11.8%	2.0%	0.0%	95.9%	45.9%	44.1%	13.0%	94.9%	0.0%
Missouri	MO	4,239,859	Urban	100.0%	99.6%	96.8%	96.8%	28.1%	53.5%	96.2%	88.7%	9.0%	4.9%	0.0%	100.0%	70.7%	70.2%	5.1%	100.0%	0.0%
Montana	MT	441,275	Rural	96.1%	66.8%	62.7%	62.6%	1.6%	0.0%	10.4%	0.0%	10.4%	4.9%	0.0%	91.7%	34.9%	28.6%	6.9%	90.8%	0.0%
Montana	MT	559,137	Urban	100.0%	99.3%	97.5%	97.5%	0.0%	0.0%	91.5%	0.0%	9.1%	3.8%	0.0%	100.0%	67.0%	63.7%	5.1%	100.0%	0.0%
Nebraska	NE	488,488	Rural	99.3%	80.0%	72.4%	72.3%	0.3%	0.0%	31.1%	15.4%	15.7%	11.2%	0.0%	98.0%	75.5%	73.2%	28.2%	97.3%	0.0%
Nebraska	NE	1,350,9																		

Geography Information				Any Technology	Wireline Technologies										Wireless Technologies					Other
State Name	State Abbr	Population	Urban/Rural	Any Technology	Any Wireline	DSL	Asym DSL	Sym DSL	Copper	Cable Modem	Cable DOCSIS	Cable-Other	Optical/Fiber	Electric Pwr Line	Any Wireless (No Satellite)	Terrestrial Fixed Wireless	Terrestrial Fixed (Unlic.)	Terrestrial Fixed(Lic.)	Terrestrial Mobile	Other
Nationwide		61,000,187	Rural	97.8%	81.7%	69.8%	69.4%	1.7%	6.4%	52.3%	36.9%	17.0%	6.1%	0.0%	94.1%	31.7%	28.9%	10.2%	93.5%	0.0%
Nationwide		254,886,460	Urban	100.0%	99.1%	93.5%	93.4%	25.5%	43.0%	93.1%	80.7%	16.4%	20.6%	0.1%	99.8%	43.2%	39.2%	16.0%	99.8%	0.0%
Nevada	NV	159,623	Rural	97.3%	64.3%	54.3%	54.3%	0.0%	0.0%	31.0%	18.2%	12.8%	8.2%	0.0%	96.4%	60.5%	57.9%	25.6%	95.6%	0.0%
Nevada	NV	2,602,110	Urban	100.0%	99.2%	96.4%	96.4%	0.0%	0.0%	95.5%	92.1%	3.3%	1.3%	0.0%	100.0%	95.6%	94.5%	33.9%	100.0%	0.0%
New Hampshire	NH	522,151	Rural	98.8%	96.0%	83.8%	83.6%	4.4%	7.3%	86.0%	46.3%	40.5%	4.9%	0.0%	93.8%	12.7%	9.7%	3.3%	93.5%	0.0%
New Hampshire	NH	793,882	Urban	100.0%	99.7%	98.8%	98.6%	49.4%	51.3%	97.6%	84.1%	13.5%	0.7%	0.0%	99.8%	36.7%	34.4%	2.4%	99.8%	0.0%
New Jersey	NJ	466,495	Rural	100.0%	96.3%	85.0%	84.9%	1.3%	18.3%	87.8%	84.3%	4.1%	23.7%	0.0%	99.4%	0.2%	0.3%	0.0%	99.4%	0.0%
New Jersey	NJ	8,342,161	Urban	100.0%	99.7%	94.4%	94.4%	48.5%	76.3%	95.5%	95.1%	0.4%	60.2%	0.0%	99.9%	2.5%	2.5%	0.0%	99.9%	0.0%
New Mexico	NM	470,772	Rural	94.8%	62.8%	56.6%	56.6%	0.3%	10.6%	22.0%	5.5%	16.6%	1.2%	0.0%	91.5%	36.3%	16.7%	25.8%	91.2%	0.0%
New Mexico	NM	1,626,893	Urban	100.0%	97.8%	94.5%	94.5%	26.5%	58.2%	83.7%	16.5%	67.3%	2.2%	0.0%	100.0%	36.5%	15.3%	31.6%	100.0%	0.0%
New York	NY	2,341,554	Rural	99.0%	93.1%	79.3%	79.3%	0.1%	0.6%	80.5%	53.1%	29.3%	9.3%	0.0%	94.8%	6.5%	6.5%	0.0%	94.7%	0.0%
New York	NY	17,124,896	Urban	100.0%	100.0%	96.7%	96.7%	56.0%	67.0%	99.7%	94.9%	7.2%	56.9%	0.0%	99.9%	2.5%	1.7%	0.8%	99.9%	0.0%
North Carolina	NC	3,275,825	Rural	98.1%	92.2%	80.3%	80.3%	2.2%	5.9%	73.0%	61.8%	13.3%	2.3%	0.0%	92.1%	8.8%	8.7%	0.8%	91.8%	0.0%
North Carolina	NC	6,451,611	Urban	100.0%	99.8%	91.9%	91.9%	15.9%	40.4%	98.4%	93.9%	7.1%	3.3%	0.0%	99.7%	4.5%	4.4%	0.8%	99.7%	0.0%
North Dakota	ND	268,497	Rural	99.5%	80.5%	60.9%	60.9%	2.7%	0.0%	24.5%	23.3%	1.2%	27.8%	0.0%	98.5%	46.1%	35.0%	23.7%	98.1%	0.0%
North Dakota	ND	406,641	Urban	100.0%	100.0%	99.3%	99.3%	11.0%	0.0%	96.9%	87.3%	9.6%	6.5%	0.0%	100.0%	83.2%	79.4%	53.8%	99.9%	0.0%
Ohio	OH	2,542,737	Rural	98.0%	86.3%	72.7%	72.6%	0.2%	0.0%	65.1%	49.2%	17.6%	2.3%	0.0%	95.1%	43.7%	39.3%	11.7%	94.7%	0.0%
Ohio	OH	8,979,186	Urban	100.0%	99.8%	96.4%	96.4%	0.1%	0.0%	99.0%	88.1%	27.7%	7.4%	0.0%	99.8%	41.0%	35.1%	11.9%	99.8%	0.0%
Oklahoma	OK	1,275,754	Rural	99.0%	63.2%	54.7%	54.7%	0.4%	0.0%	21.8%	12.4%	9.8%	3.4%	0.0%	98.3%	46.3%	40.1%	27.6%	98.0%	0.0%
Oklahoma	OK	2,512,523	Urban	100.0%	98.8%	91.9%	91.9%	0.0%	0.2%	94.9%	85.4%	9.8%	2.0%	0.0%	100.0%	59.3%	55.7%	47.9%	100.0%	0.0%
Oregon	OR	731,758	Rural	98.2%	91.6%	86.2%	83.0%	20.2%	8.4%	56.0%	44.6%	14.9%	10.9%	0.0%	93.0%	50.7%	47.4%	35.6%	91.7%	0.0%
Oregon	OR	3,153,466	Urban	100.0%	99.9%	98.7%	97.6%	44.5%	68.4%	95.2%	89.2%	7.6%	51.7%	0.0%	99.9%	84.8%	84.2%	78.2%	99.9%	0.0%
Pennsylvania	PA	2,714,577	Rural	99.0%	94.8%	83.7%	83.7%	0.8%	9.2%	79.3%	50.7%	35.9%	12.4%	0.0%	91.3%	9.4%	6.8%	7.7%	90.7%	0.0%
Pennsylvania	PA	10,010,917	Urban	100.0%	99.6%	96.4%	96.4%	37.0%	62.8%	94.1%	83.8%	18.6%	56.9%	0.0%	99.9%	20.6%	19.4%	15.3%	99.9%	0.0%
Rhode Island	RI	95,677	Rural	99.9%	97.9%	77.1%	77.1%	0.2%	6.3%	93.5%	93.5%	0.6%	61.7%	0.0%	99.3%	0.0%	0.0%	0.0%	99.3%	0.0%
Rhode Island	RI	949,813	Urban	100.0%	100.0%	92.3%	92.3%	38.7%	67.4%	100.0%	100.0%	5.1%	83.2%	0.0%	99.8%	0.0%	0.0%	0.0%	99.8%	0.0%
South Carolina	SC	1,575,057	Rural	99.0%	90.1%	79.1%	79.1%	0.0%	0.0%	61.8%	44.8%	20.2%	7.3%	0.0%	94.4%	9.4%	9.4%	0.0%	95.6%	0.0%
South Carolina	SC	3,127,180	Urban	100.0%	99.5%	93.4%	93.4%	0.0%	0.0%	98.3%	87.9%	15.4%	9.3%	0.0%	99.8%	4.6%	4.6%	0.0%	99.8%	0.0%
South Dakota	SD	353,981	Rural	99.3%	89.8%	71.8%	71.8%	0.2%	1.2%	26.5%	22.8%	8.8%	35.5%	0.0%	97.2%	42.9%	20.2%	33.9%	97.2%	0.0%
South Dakota	SD	467,754	Urban	100.0%	100.0%	92.3%	91.8%	22.8%	43.7%	96.9%	94.8%	2.1%	84.9%	0.0%	100.0%	73.7%	59.6%	64.5%	100.0%	0.0%
Tennessee	TN	2,154,990	Rural	98.6%	84.5%	68.6%	68.6%	0.0%	0.0%	61.5%	50.1%	12.5%	4.7%	0.0%	95.3%	15.3%	15.3%	0.3%	95.2%	0.0%
Tennessee	TN	4,265,800	Urban	100.0%	99.1%	94.0%	94.0%	0.0%	0.0%	97.3%	93.0%	5.9%	16.8%	0.0%	100.0%	11.1%	10.6%	0.6%	100.0%	0.0%
Texas	TX	3,902,890	Rural	98.4%	66.1%	55.1%	55.0%	0.2%	0.0%	32.3%	11.6%	22.1%	3.2%	0.0%	96.9%	62.3%	61.7%	32.7%	96.3%	0.0%
Texas	TX	21,804,506	Urban	100.0%	97.7%	88.0%	87.9%	0.0%	0.0%	91.0%	52.4%	44.9%	7.9%	0.0%	99.9%	63.6%	63.0%	43.6%	99.9%	0.0%
Utah	UT	267,347	Rural	98.3%	78.8%	69.0%	68.4%	1.2%	0.9%	32.9%	24.3%	8.6%	8.3%	0.0%	97.6%	64.6%	61.3%	17.2%	97.1%	0.0%
Utah	UT	2,577,655	Urban	100.0%	98.9%	95.5%	95.4%	6.3%	14.0%	93.3%	89.9%	4.7%	14.1%	0.0%	100.0%	98.1%	97.9%	6.5%	100.0%	0.0%
Vermont	VT	381,027	Rural	95.2%	85.9%	82.8%	82.8%	0.0%	0.0%	62.3%	6.3%	56.1%	5.0%	0.0%	81.9%	39.2%	39.2%	0.0%	80.3%	0.0%
Vermont	VT	243,482	Urban	100.0%	99.7%	98.6%	98.6%	0.0%	0.0%	99.4%	9.3%	90.2%	36.9%	0.0%	100.0%	58.6%	58.6%	0.0%	100.0%	0.0%
Virginia	VA	1,978,159	Rural	96.0%	75.9%	65.5%	65.5%	0.1%	4.5%	44.5%	39.5%	5.1%	5.4%	0.0%	91.4%	5.3%	3.6%	1.8%	90.7%	0.0%
Virginia	VA	6,084,716	Urban	100.0%	99.3%	90.3%	90.3%	30.4%	61.7%	77.5%	75.4%	2.4%	53.5%	0.0%	100.0%	0.7%	0.1%	0.5%	100.0%	0.0%
Washington	WA	1,085,115	Rural	97.5%	82.3%	67.3%	67.3%	0.3%	8.5%	48.0%	39.6%	10.0%	14.6%	0.0%	93.8%	63.8%	63.8%	48.3%	90.6%	0.0%
Washington	WA	5,741,523	Urban	100.0%	99.5%	87.7%	87.7%	29.3%	68.0%	91.0%	87.7%	11.4%	20.2%	0.0%	99.9%	87.0%	87.0%	77.6%	99.8%	0.0%
West Virginia	WV	954,752	Rural	88.6%	78.3%	68.8%	68.8%	0.0%	0.6%	37.4%	25.5%	13.2%	0.5%	0.0%	63.9%	8.1%	8.1%	0.0%	62.0%	0.0%
West Virginia	WV	903,278	Urban	99.9%	98.5%	97.5%	97.5%	0.0%	1.2%	67.4%	43.3%	28.4%	1.5%	0.0%	98.5%	11.9%	11.9%	0.0%	98.3%	0.0%
Wisconsin	WI	1,700,037	Rural	99.3%	82.8%	67.2%	67.2%	0.1%	1.6%	45.2%	33.1%	12.4%	4.9%	0.0%	96.4%	35.6%	33.9%	2.8%	95.2%	0.0%
Wisconsin	WI	4,009,561	Urban	100.0%	99.9%	92.2%	92.2%	18.4%	34.3%	98.8%	93.4%	5.7%	1.8%	0.0%	99.9%	36.2%	35.7%	1.1%	99.9%	0.0%
Wyoming	WY	202,992	Rural	96.6%	66.4%	54.8%	50.3%	4.4%	1.0%	26.7%	0.3%	26.6%	4.0%	0.0%	92.4%	52.6%	50.0%	6.9%	92.1%	0.0%
Wyoming	WY	371,139	Urban	100.0%	98.9%	89.9%	89.9%	0.0%	8.2%	96.6%	3.3%	96.5%	7.6%	0.0%	100.0%	88.2%	85.5%	19.4%	100.0%	0.0%
American Samoa	AS	43,350	Rural	12.2%	7.0%	7.0%	7.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.4%	8.0%	8.0%	0.0%	6.1%	0.0%
American Samoa	AS	12,160	Urban	95.9%	91.7%	91.7%	91.7%	0.0%	0.0%	63.4%	0.0%	63.4%	0.0%	0.0%	77.0%	69.1%	69.1%	0.0%	63.4%	0.0%
Guam	GU	113,610	Rural	37.5%	23.9%	23.7%	23.7%	15.0%	0.0%	20.4%	0.0%	20.4%	0.0%	0.0%	34.0%	0.0%	0.0%	0.0%	34.0%	0.0%
Guam	GU	45,751	Urban	100.0%	99.9%	99.8%	99.8%	94.5%	97.5%	99.9%	99.9%	0.0%	99.9%	0.0%	97.7%	0.0%	0.0%	0.0%	97.7%	0.0%
Commonwealth of the Northern Mari	MP	15,395	Rural	89.8%	77.2%	77.2%	77.2%	0.0%	0.0%	63.6%	0.0%	63.6%	0.0%	0.0%	80.5%	0.0%	0.0%	0.0%	80.5%	0.0%
Commonwealth of the Northern Mari	MP	38,578	Urban	100.0%	99.7%	95.8%	95.8%	0.0%	0.0%	98.5%	0.0%	98.5%	0.0%	0.0%	99.9%	0.0%	0.0%	0.0%	99.9%	0.0%
Puerto Rico	PR	345,848	Rural	84.1%	42.9%	33.3%	33.3%	0.0%	0.0%	29.4%	27.9%	1.7%	0.0%	0.0%	83.0%	5.3%	5.3%	0.0%	83.0%	0.0%
Puerto Rico	PR	2,778,908	Urban	99.9%	91.2%	77.6%	77.6%	0.0%	0.0%	83.7%	55.5%	28.4%	0.0%	0.0%	99.0%	30.4%	30.4%	0.0%	99.0%	0.0%
United States Virgin Islands	VI	57,890	Rural	30.7%	23.1%	23.1%	23.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.7%	28.3%	26.9%	19.2%	29.1%	0.0%
United States Virgin Islands	VI	50,712	Urban	99.9%	99.7%	99.7%	99.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.3%	98.1%	93.6%	95.6%	99.3%	0.0%

### Urban vs. Rural – Number of Provider Data by State

Geography Information				Wireline or Wireless Provider								Wireline Provider								Wireless Provider							
State Name	State Abbr	Urban/ Rural	Population	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8
Nationwide		Rural	61,000,187	99.3%	96.9%	90.0%	76.5%	58.0%	37.2%	20.6%	10.2%	84.6%	49.5%	11.7%	2.4%	0.5%	0.1%	0.0%	0.0%	98.2%	91.4%	76.1%	54.6%	29.6%	14.3%	6.8%	3.2%
Nationwide		Urban	254,886,460	100.0%	100.0%	99.8%	98.9%	96.1%	82.0%	59.2%	36.9%	99.1%	93.6%	51.2%	15.6%	3.4%	0.9%	0.4%	0.1%	100.0%	99.6%	98.2%	94.4%	64.7%	35.4%	16.3%	9.4%
Alabama	AL	Rural	1,972,605	99.8%	98.4%	88.6%	66.0%	38.2%	13.4%	1.9%	0.2%	87.0%	45.4%	5.5%	0.5%	0.0%	0.0%	0.0%	99.6%	95.3%	66.9%	36.4%	6.1%	0.1%	0.0%	0.0%	
Alabama	AL	Urban	2,851,269	100.0%	100.0%	99.6%	97.7%	88.1%	53.9%	11.8%	1.5%	99.0%	91.4%	44.3%	6.3%	0.1%	0.0%	0.0%	100.0%	99.4%	96.1%	85.8%	9.8%	0.0%	0.0%	0.0%	
Alaska	AK	Rural	243,940	77.1%	70.7%	64.4%	56.3%	17.1%	10.8%	0.0%	0.0%	70.5%	32.6%	0.0%	0.0%	0.0%	0.0%	0.0%	74.4%	63.7%	55.3%	17.5%	11.6%	0.0%	0.0%	0.0%	
Alaska	AK	Urban	471,464	100.0%	96.9%	96.8%	94.4%	70.7%	57.2%	0.0%	0.0%	99.9%	93.1%	0.0%	0.0%	0.0%	0.0%	0.0%	96.8%	94.8%	94.6%	71.5%	58.9%	0.0%	0.0%	0.0%	
Arizona	AZ	Rural	667,262	95.2%	85.4%	75.9%	63.2%	51.5%	42.1%	31.9%	20.6%	66.3%	28.4%	6.3%	1.9%	0.2%	0.0%	0.0%	90.6%	78.8%	66.5%	52.4%	41.9%	28.0%	18.8%	11.6%	
Arizona	AZ	Urban	5,903,428	100.0%	99.8%	99.3%	98.3%	97.2%	93.5%	89.9%	85.4%	98.9%	94.0%	73.1%	56.3%	7.0%	0.7%	0.2%	0.0%	99.7%	99.0%	97.8%	95.1%	90.5%	85.5%	80.7%	71.5%
Arkansas	AR	Rural	1,285,839	99.9%	99.1%	90.4%	70.8%	45.4%	24.2%	12.0%	4.7%	83.3%	34.5%	1.8%	0.0%	0.0%	0.0%	0.0%	99.8%	94.1%	74.0%	42.1%	23.9%	10.7%	3.2%	0.9%	
Arkansas	AR	Urban	1,660,403	100.0%	100.0%	99.4%	96.7%	86.9%	63.8%	45.3%	9.5%	99.1%	91.9%	6.3%	0.1%	0.0%	0.0%	0.0%	100.0%	98.8%	95.2%	81.2%	61.3%	41.9%	3.4%	0.2%	
California	CA	Rural	1,887,424	99.5%	97.9%	93.5%	83.0%	63.4%	41.9%	23.9%	11.5%	66.7%	31.0%	7.8%	1.0%	0.1%	0.0%	0.0%	99.3%	96.9%	90.6%	77.1%	47.2%	28.3%	13.0%	5.3%	
California	CA	Urban	35,893,218	100.0%	100.0%	100.0%	99.7%	98.7%	90.2%	75.4%	47.4%	99.3%	95.4%	70.2%	13.3%	1.2%	0.0%	0.0%	100.0%	100.0%	99.9%	99.4%	81.5%	51.6%	10.3%	2.3%	
Colorado	CO	Rural	703,178	99.6%	97.8%	92.6%	81.4%	67.4%	51.6%	35.6%	23.6%	80.9%	41.7%	17.3%	6.5%	0.3%	0.0%	0.0%	98.8%	96.7%	83.3%	68.6%	46.0%	25.6%	7.7%	0.3%	
Colorado	CO	Urban	4,408,895	100.0%	100.0%	99.8%	99.8%	97.1%	93.8%	86.6%	69.2%	95.7%	92.6%	82.6%	67.5%	3.6%	0.4%	0.1%	0.0%	100.0%	100.0%	99.4%	98.1%	94.1%	73.1%	13.6%	0.5%
Connecticut	CT	Rural	427,105	100.0%	100.0%	99.7%	93.6%	65.8%	19.9%	2.2%	0.2%	99.5%	87.5%	22.4%	2.3%	0.2%	0.0%	0.0%	99.9%	99.7%	93.2%	63.5%	0.0%	0.0%	0.0%	0.0%	
Connecticut	CT	Urban	3,153,412	100.0%	100.0%	100.0%	99.7%	95.5%	56.0%	3.6%	0.2%	99.7%	97.6%	55.7%	3.6%	0.2%	0.0%	0.0%	100.0%	100.0%	99.7%	95.6%	0.0%	0.0%	0.0%	0.0%	
Delaware	DE	Rural	152,770	100.0%	100.0%	98.8%	86.4%	48.3%	16.1%	3.8%	0.4%	95.6%	79.1%	13.5%	0.6%	0.0%	0.0%	0.0%	100.0%	99.9%	93.2%	44.5%	10.3%	0.0%	0.0%	0.0%	
Delaware	DE	Urban	757,395	100.0%	100.0%	99.8%	97.1%	86.7%	67.6%	46.8%	7.5%	99.5%	96.3%	49.6%	8.3%	0.7%	0.1%	0.0%	100.0%	100.0%	97.4%	86.5%	64.5%	0.0%	0.0%	0.0%	
District of Columbia	DC	Rural	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
District of Columbia	DC	Urban	605,669	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%	98.3%	94.9%	98.7%	98.5%	98.2%	94.9%	76.0%	57.1%	28.3%	4.2%	100.0%	100.0%	100.0%	100.0%	100.0%	15.0%	0.0%	0.0%
Florida	FL	Rural	1,689,354	100.0%	99.8%	98.4%	94.6%	81.9%	41.0%	11.5%	1.5%	92.7%	61.3%	9.4%	1.0%	0.0%	0.0%	0.0%	99.8%	99.0%	90.0%	100.0%	84.3%	21.3%	0.3%	0.0%	0.0%
Florida	FL	Urban	17,265,097	100.0%	100.0%	100.0%	100.0%	95.8%	37.1%	13.9%	5.0%	98.2%	91.8%	17.1%	2.9%	0.1%	0.0%	0.0%	100.0%	100.0%	100.0%	99.2%	19.9%	0.1%	0.0%	0.0%	
Georgia	GA	Rural	2,448,824	99.9%	99.0%	92.1%	76.5%	55.9%	33.4%	11.6%	2.1%	94.3%	63.0%	26.3%	4.5%	0.5%	0.0%	0.0%	99.7%	93.7%	68.4%	44.1%	11.0%	1.3%	0.0%	0.0%	
Georgia	GA	Urban	7,412,290	100.0%	100.0%	99.9%	99.4%	97.3%	87.3%	46.4%	14.6%	99.6%	96.2%	78.5%	34.6%	9.8%	2.2%	0.6%	0.2%	100.0%	99.7%	97.1%	91.8%	20.0%	1.8%	0.0%	0.0%
Hawaii	HI	Rural	111,629	99.7%	98.6%	96.6%	86.3%	71.9%	54.1%	22.8%	2.6%	78.8%	34.2%	2.6%	0.0%	0.0%	0.0%	0.0%	99.5%	97.9%	90.8%	68.6%	58.8%	1.3%	0.0%	0.0%	
Hawaii	HI	Urban	1,250,408	100.0%	100.0%	100.0%	99.9%	97.5%	93.1%	69.4%	27.5%	99.9%	72.9%	6.9%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	99.8%	94.5%	91.2%	25.0%	0.0%	0.0%	
Idaho	ID	Rural	469,940	99.0%	93.2%	82.3%	68.4%	54.7%	38.6%	24.9%	14.8%	69.7%	25.3%	1.6%	0.0%	0.0%	0.0%	0.0%	96.8%	87.7%	71.9%	56.9%	39.7%	22.9%	14.3%	4.7%	
Idaho	ID	Urban	1,133,766	100.0%	100.0%	99.7%	98.6%	97.3%	91.2%	82.4%	61.3%	99.0%	93.6%	30.6%	3.8%	0.4%	0.0%	0.0%	100.0%	99.7%	98.1%	92.5%	83.6%	60.6%	53.6%	19.9%	
Illinois	IL	Rural	1,476,406	100.0%	99.3%	96.5%	90.0%	79.4%	65.0%	48.3%	33.1%	69.9%	32.2%	4.0%	0.2%	0.0%	0.0%	0.0%	99.9%	97.9%	92.4%	81.1%	66.2%	48.9%	32.4%	19.6%	
Illinois	IL	Urban	11,430,419	100.0%	100.0%	100.0%	99.9%	99.4%	97.6%	93.7%	74.6%	99.3%	92.9%	54.5%	6.5%	0.0%	0.0%	0.0%	100.0%	99.8%	99.5%	98.7%	96.7%	91.6%	45.1%	31.5%	
Indiana	IN	Rural	1,787,670	100.0%	98.4%	93.8%	84.4%	68.0%	49.1%	32.2%	18.6%	87.0%	56.1%	20.4%	5.2%	0.9%	0.1%	0.0%	99.9%	94.2%	81.3%	61.8%	41.5%	24.2%	11.1%	2.9%	
Indiana	IN	Urban	4,731,173	100.0%	100.0%	99.8%	98.3%	94.4%	87.5%	71.4%	41.3%	99.2%	94.3%	63.4%	26.2%	7.1%	1.1%	0.1%	0.0%	100.0%	99.4%	95.4%	89.6%	78.1%	33.4%	10.8%	2.3%
Iowa	IA	Rural	1,094,599	100.0%	100.0%	98.7%	88.6%	68.4%	44.8%	26.6%	11.5%	87.2%	41.6%	7.9%	0.8%	0.0%	0.0%	0.0%	100.0%	99.7%	88.0%	64.6%	39.2%	17.5%	5.1%	0.2%	
Iowa	IA	Urban	1,968,912	100.0%	100.0%	100.0%	99.8%	98.3%	92.3%	80.9%	62.2%	99.7%	96.9%	58.1%	9.0%	0.0%	0.0%	0.0%	100.0%	100.0%	97.4%	90.3%	79.2%	57.0%	21.0%	0.9%	
Kansas	KS	Rural	734,916	98.6%	91.9%	85.0%	72.2%	55.7%	38.9%	22.7%	9.7%	76.6%	26.1%	2.3%	0.1%	0.0%	0.0%	0.0%	92.4%	84.9%	74.7%	58.8%	41.9%	26.3%	10.9%	2.9%	
Kansas	KS	Urban	2,138,592	100.0%	99.6%	97.4%	95.4%	91.4%	86.8%	77.2%	35.4%	98.7%	93.4%	31.5%	0.2%	0.0%	0.0%	0.0%	98.5%	96.0%	94.1%	90.2%	84.7%	49.5%	30.7%	11.9%	
Kentucky	KY	Rural	1,814,951	99.3%	95.2%	82.1%	59.3%	36.5%	19.5%	7.4%	2.2%	87.0%	46.1%	5.8%	0.2%	0.0%	0.0%	0.0%	97.3%	78.3%	56.4%	32.3%	14.7%	5.7%	1.1%	0.0%	
Kentucky	KY	Urban	2,555,126	100.0%	99.8%	99.0%	96.8%	90.9%	80.4%	57.1%	22.8%	99.3%	92.1%	32.5%	1.5%	0.2%	0.0%	0.0%	99.7%	98.0%	95.5%	87.7%	68.5%	26.2%	11.9%	0.0%	
Louisiana	LA	Rural	1,222,865	99.6%	96.1%	84.3%	65.4%	43.3%	18.1%	5.3%	0.7%	81.2%	43.4%	5.5%	0.2%	0.0%	0.0%	0.0%	99.4%	90.0%	75.4%	44.6%	10.7%	4.8%	0.0%	0.0%	
Louisiana	LA	Urban	3,379,519	100.0%	100.0%	99.1%	96.2%	86.4%	42.2%	8.4%	0.2%	99.1%	91.0%	32.2%	0.1%	0.0%	0.0%	0.0%	100.0%	99.3%	97.4%	86.0%	11.1%	4.3%	0.0%	0.0%	
Maine	ME	Rural	813,930	100.0%	99.8%	99.4%	98.5%	93.8%	83.2%	63.9%	41.7%	97.7%	85.1%	57.0%	23.1%	3.6%	0.4%	0.0%	99.8%	98.7%	97.6%	84.6%	54.0%	17.1%	2.9%	0.0%	
Maine	ME	Urban	512,232	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.5%	95.9%	100.0%	99.0%	97.9%	93.5%	28.1%	2.3%	0.0%	100.0%	100.0%	100.0%	97.5%	92.7%	59.8%	3.6%	0.0%	
Maryland	MD	Rural	738,095	100.0%	99.8%	97.9%	86.9%	59.3%	36.8%	18.7%	3.5%	91.6%	67.4%	19.5%	1.2%	0.1%	0.0%	0.0%	100.0%	99.5%	91.4%	60.6%	37.0%	7.8%	0.2%	0.0%	
Maryland	MD	Urban	5,038,195	100.0%	100.0%	99.9%	99.4%	95.6%	90.9%	83.1%	46.3%	99.5%	95.8%	78.5%	25.9%	3.3%	0.8%	0.3%	0.1%	100.0%	100.0%	99.4%	94.9%	90.			

Geography Information				Wireline or Wireless Provider								Wireline Provider								Wireless Provider							
State Name	State Abbr	Urban/ Rural	Population	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8
Nationwide		Rural	61,000,187	99.3%	96.9%	90.0%	76.5%	58.0%	37.2%	20.6%	10.2%	84.6%	49.5%	11.7%	2.4%	0.5%	0.1%	0.0%	0.0%	98.2%	91.4%	76.1%	54.6%	29.6%	14.3%	6.8%	3.2%
Nationwide		Urban	254,886,460	100.0%	100.0%	99.8%	98.9%	96.1%	82.0%	59.2%	36.9%	99.1%	93.6%	51.2%	15.6%	3.4%	0.9%	0.4%	0.1%	100.0%	99.6%	99.6%	94.4%	64.7%	35.4%	16.3%	9.4%
Nevada	NV	Rural	159,623	98.8%	94.8%	81.2%	71.1%	47.2%	36.2%	24.6%	15.8%	66.8%	26.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	98.5%	88.8%	77.9%	57.8%	34.1%	24.5%	16.8%	8.1%
Nevada	NV	Urban	2,602,110	100.0%	100.0%	100.0%	99.6%	98.3%	97.1%	94.4%	91.1%	99.2%	92.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	99.5%	98.1%	95.5%	92.8%	86.9%	70.4%
New Hampshire	NH	Rural	522,151	99.6%	98.8%	96.8%	90.4%	76.1%	54.0%	28.4%	14.4%	96.9%	80.7%	34.9%	8.3%	1.0%	0.0%	0.0%	0.0%	99.2%	97.1%	84.6%	54.7%	17.6%	4.3%	0.1%	0.0%
New Hampshire	NH	Urban	793,882	100.0%	100.0%	100.0%	99.9%	98.5%	94.3%	82.0%	68.5%	99.7%	98.6%	85.7%	57.4%	16.9%	0.4%	0.0%	0.0%	100.0%	100.0%	97.9%	90.6%	52.5%	36.4%	0.0%	0.0%
New Jersey	NJ	Rural	466,495	100.0%	100.0%	99.8%	98.3%	86.2%	52.9%	11.6%	0.8%	97.1%	85.2%	27.0%	4.8%	0.5%	0.1%	0.0%	0.0%	100.0%	100.0%	95.1%	78.0%	25.7%	0.4%	0.0%	0.0%
New Jersey	NJ	Urban	8,342,161	100.0%	100.0%	100.0%	99.9%	98.4%	85.1%	21.4%	2.9%	99.7%	97.5%	74.5%	7.9%	0.5%	0.1%	0.0%	0.0%	100.0%	100.0%	99.7%	98.3%	23.0%	2.7%	0.0%	0.0%
New Mexico	NM	Rural	470,772	97.5%	90.9%	77.5%	61.1%	41.9%	25.9%	13.7%	7.1%	68.0%	27.7%	5.7%	0.2%	0.0%	0.0%	0.0%	0.0%	95.5%	84.5%	66.5%	43.9%	23.6%	8.1%	0.3%	0.0%
New Mexico	NM	Urban	1,626,893	100.0%	99.9%	99.2%	96.0%	92.6%	87.6%	72.5%	62.1%	97.8%	84.7%	57.8%	3.3%	0.0%	0.0%	0.0%	0.0%	100.0%	99.6%	96.0%	89.9%	76.4%	23.8%	0.0%	0.0%
New York	NY	Rural	2,341,554	99.8%	97.3%	88.3%	69.6%	42.2%	17.9%	5.2%	0.9%	94.4%	70.3%	7.8%	0.5%	0.0%	0.0%	0.0%	0.0%	98.6%	89.5%	63.2%	33.0%	9.4%	0.1%	0.0%	0.0%
New York	NY	Urban	17,124,896	100.0%	100.0%	99.9%	99.1%	96.3%	85.0%	24.7%	3.8%	100.0%	99.1%	76.3%	16.7%	1.1%	0.2%	0.0%	0.0%	100.0%	99.8%	98.7%	94.7%	13.5%	0.8%	0.0%	0.0%
North Carolina	NC	Rural	3,275,233	99.1%	95.8%	88.7%	76.2%	57.0%	30.6%	9.9%	0.6%	93.4%	68.9%	10.8%	0.6%	0.0%	0.0%	0.0%	0.0%	97.8%	85.6%	69.8%	40.5%	13.4%	0.1%	0.0%	0.0%
North Carolina	NC	Urban	6,451,811	100.0%	100.0%	99.7%	98.8%	93.6%	79.9%	54.6%	2.0%	99.8%	93.7%	39.7%	1.2%	0.0%	0.0%	0.0%	0.0%	99.9%	99.4%	97.6%	85.9%	63.4%	1.0%	0.0%	0.0%
North Dakota	ND	Rural	268,497	99.9%	99.5%	94.5%	84.6%	41.6%	13.1%	5.9%	2.1%	82.9%	80.5%	23.0%	1.2%	0.2%	0.0%	0.0%	0.0%	99.6%	95.4%	50.1%	21.7%	7.0%	0.7%	0.2%	0.1%
North Dakota	ND	Urban	406,641	100.0%	100.0%	100.0%	100.0%	98.8%	80.3%	55.9%	46.7%	100.0%	99.5%	97.1%	35.6%	6.4%	1.0%	0.0%	0.0%	100.0%	100.0%	85.2%	55.3%	47.2%	32.7%	31.4%	19.6%
Ohio	OH	Rural	2,542,377	99.6%	97.5%	92.4%	83.0%	70.0%	49.0%	27.1%	11.9%	87.1%	54.0%	5.3%	0.2%	0.0%	0.0%	0.0%	0.0%	99.0%	94.8%	81.4%	64.3%	37.9%	17.9%	6.2%	1.3%
Ohio	OH	Urban	8,979,186	100.0%	100.0%	99.9%	99.1%	97.5%	75.1%	48.3%	19.1%	99.8%	96.3%	29.8%	4.3%	0.0%	0.0%	0.0%	0.0%	100.0%	99.8%	98.3%	94.3%	58.1%	27.1%	9.6%	1.9%
Oklahoma	OK	Rural	1,275,754	99.9%	96.7%	87.0%	73.5%	55.7%	38.2%	22.9%	11.6%	65.7%	17.9%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	99.7%	94.4%	82.4%	66.0%	47.3%	30.1%	14.0%	5.3%
Oklahoma	OK	Urban	2,512,523	100.0%	99.9%	99.5%	97.0%	93.6%	86.7%	78.9%	50.4%	98.8%	89.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	99.4%	97.4%	93.8%	86.8%	77.9%	43.9%	36.1%
Oregon	OR	Rural	731,528	99.6%	98.3%	93.7%	86.7%	78.2%	67.3%	55.9%	44.8%	94.2%	63.7%	28.4%	7.7%	2.1%	0.7%	0.3%	0.1%	98.8%	94.5%	84.7%	72.4%	60.1%	44.8%	28.5%	15.0%
Oregon	OR	Urban	3,153,466	100.0%	100.0%	99.9%	99.8%	99.2%	98.7%	95.6%	90.1%	99.9%	97.7%	80.0%	63.6%	48.7%	31.0%	12.9%	1.7%	100.0%	99.9%	99.3%	98.0%	93.5%	84.3%	56.6%	22.5%
Pennsylvania	PA	Rural	2,714,577	99.7%	97.0%	86.5%	67.1%	46.7%	28.1%	12.0%	2.7%	96.1%	75.5%	22.6%	4.0%	0.7%	0.0%	0.0%	0.0%	96.9%	79.9%	58.5%	35.6%	14.5%	0.3%	0.0%	0.0%
Pennsylvania	PA	Urban	10,010,917	100.0%	99.9%	98.6%	93.8%	87.6%	74.4%	60.7%	35.4%	99.6%	96.0%	66.0%	34.7%	5.6%	0.3%	0.0%	0.0%	100.0%	97.9%	92.3%	84.4%	64.1%	9.2%	0.0%	0.0%
Rhode Island	RI	Rural	95,677	100.0%	100.0%	99.9%	97.6%	88.3%	9.6%	1.7%	0.0%	99.7%	91.4%	9.7%	1.7%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	98.1%	90.8%	0.0%	0.0%	0.0%	0.0%
Rhode Island	RI	Urban	949,813	100.0%	100.0%	100.0%	100.0%	99.6%	78.3%	52.8%	37.0%	100.0%	99.1%	78.2%	52.7%	37.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	99.2%	0.0%	0.0%	0.0%	0.0%
South Carolina	SC	Rural	1,575,057	99.9%	98.2%	88.9%	72.2%	48.4%	21.0%	5.2%	0.4%	91.2%	49.6%	6.4%	0.1%	0.0%	0.0%	0.0%	0.0%	99.7%	89.3%	72.3%	48.5%	16.3%	2.8%	0.0%	0.0%
South Carolina	SC	Urban	3,127,180	100.0%	100.0%	99.9%	98.9%	94.5%	48.8%	22.4%	1.3%	99.5%	87.7%	18.6%	0.5%	0.0%	0.0%	0.0%	0.0%	100.0%	99.4%	97.8%	92.0%	37.1%	6.1%	0.0%	0.0%
South Dakota	SD	Rural	353,981	99.8%	98.3%	86.6%	53.8%	28.9%	16.5%	8.7%	5.0%	91.2%	30.5%	9.9%	3.1%	0.8%	0.2%	0.0%	0.0%	99.2%	89.1%	46.3%	19.0%	9.8%	5.1%	0.1%	0.0%
South Dakota	SD	Urban	467,754	100.0%	100.0%	98.9%	96.9%	91.6%	80.3%	58.7%	46.8%	100.0%	94.7%	74.2%	41.8%	8.3%	2.0%	0.1%	0.0%	100.0%	98.9%	74.6%	54.6%	44.8%	37.7%	6.9%	0.0%
Tennessee	TN	Rural	2,154,990	99.9%	97.2%	87.7%	68.8%	46.2%	27.1%	13.3%	3.8%	86.9%	52.4%	7.6%	0.3%	0.0%	0.0%	0.0%	0.0%	99.3%	89.9%	65.7%	40.0%	23.9%	7.9%	1.7%	0.3%
Tennessee	TN	Urban	4,265,809	100.0%	100.0%	100.0%	99.0%	92.3%	83.3%	52.6%	9.4%	99.2%	94.0%	20.5%	1.0%	0.1%	0.0%	0.0%	0.0%	100.0%	99.5%	96.7%	87.0%	79.8%	35.0%	2.1%	0.4%
Texas	TX	Rural	3,902,890	99.5%	97.7%	93.1%	85.5%	75.8%	62.3%	46.7%	31.6%	71.4%	27.5%	3.9%	0.7%	0.1%	0.0%	0.0%	0.0%	98.8%	95.7%	87.8%	79.3%	66.6%	48.8%	34.4%	22.4%
Texas	TX	Urban	21,804,506	100.0%	100.0%	99.9%	99.5%	98.4%	91.9%	66.3%	51.8%	97.7%	85.5%	11.4%	1.5%	0.0%	0.0%	0.0%	0.0%	100.0%	99.8%	99.2%	97.9%	95.8%	61.2%	49.7%	29.6%
Utah	UT	Rural	267,347	99.7%	98.1%	91.2%	76.2%	63.7%	47.6%	39.2%	28.4%	83.8%	24.6%	5.5%	0.6%	0.0%	0.0%	0.0%	0.0%	99.3%	94.8%	87.3%	66.0%	47.1%	39.5%	24.8%	10.3%
Utah	UT	Urban	2,577,655	100.0%	100.0%	100.0%	99.0%	98.3%	97.3%	96.3%	94.7%	98.9%	91.4%	43.4%	6.1%	0.7%	0.0%	0.0%	0.0%	100.0%	100.0%	99.9%	98.2%	97.0%	95.9%	87.5%	71.2%
Vermont	VT	Rural	381,027	99.6%	97.6%	93.7%	85.1%	68.1%	46.4%	23.5%	7.8%	95.3%	71.7%	18.5%	3.0%	0.7%	0.1%	0.0%	0.0%	97.0%	91.9%	76.7%	49.9%	18.7%	3.6%	0.0%	0.0%
Vermont	VT	Urban	243,482	100.0%	100.0%	100.0%	99.6%	98.3%	92.3%	78.0%	50.9%	99.7%	99.1%	72.1%	36.8%	12.5%	2.5%	0.0%	0.0%	100.0%	99.8%	98.3%	87.8%	50.4%	7.3%	0.0%	0.0%
Virginia	VA	Rural	1,978,159	99.2%	95.0%	82.5%	63.9%	44.6%	22.6%	5.6%	0.2%	84.0%	43.5%	5.6%	0.2%	0.1%	0.0%	0.0%	0.0%	98.2%	87.6%	70.7%	48.4%	23.3%	0.8%	0.0%	0.0%
Virginia	VA	Urban	6,084,716	100.0%	100.0%	99.8%	98.6%	96.4%	85.6%	51.0%	2.6%	99.3%	91.2%	50.2%	2.1%	0.1%	0.0%	0.0%	0.0%	100.0%	99.5%	98.4%	95.7%	89.9%	2.3%	0.0%	0.0%
Washington	WA	Rural	1,085,115	99.1%	96.8%	91.5%	85.0%	77.7%	65.8%	45.9%	22.0%	86.9%	49.9%	12.4%	0.9%	0.0%	0.0%	0.0%	0.0%	98.2%	91.4%	84.1%	73.9%	55.1%	26.5%	11.5%	3.5%
Washington	WA	Urban	5,741,523	100.0%	100.0%	99.9%	99.9%	99.4%	98.2%	91.7%	76.9%	99.5%	93.2%	66.9%	27.1%	4.0%	0.3%	0.0%	0.0%	100.0%	99.9%	99.6%	98.7%	86.8%	26.8%	15.5%	6.1%
West Virginia	WV	Rural	954,752	95.3%	79.4%	57.6%	43.5%	31.8%	14.3%	2.5%	0.3%	86.1%	38.1%	5.3%	0.4%	0.0%	0.0%	0.0%	0.0%	79.1%	55.2%	36.8%	24.1%	0.8%</			