

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.

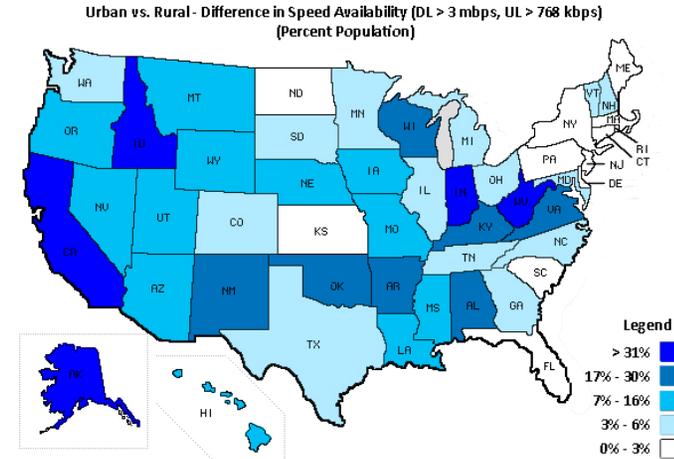
- "Rural" and "Urban" definitions: Census bureau (2000).
- Data as of June 2011, Report published February 2011

Speed Availability

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

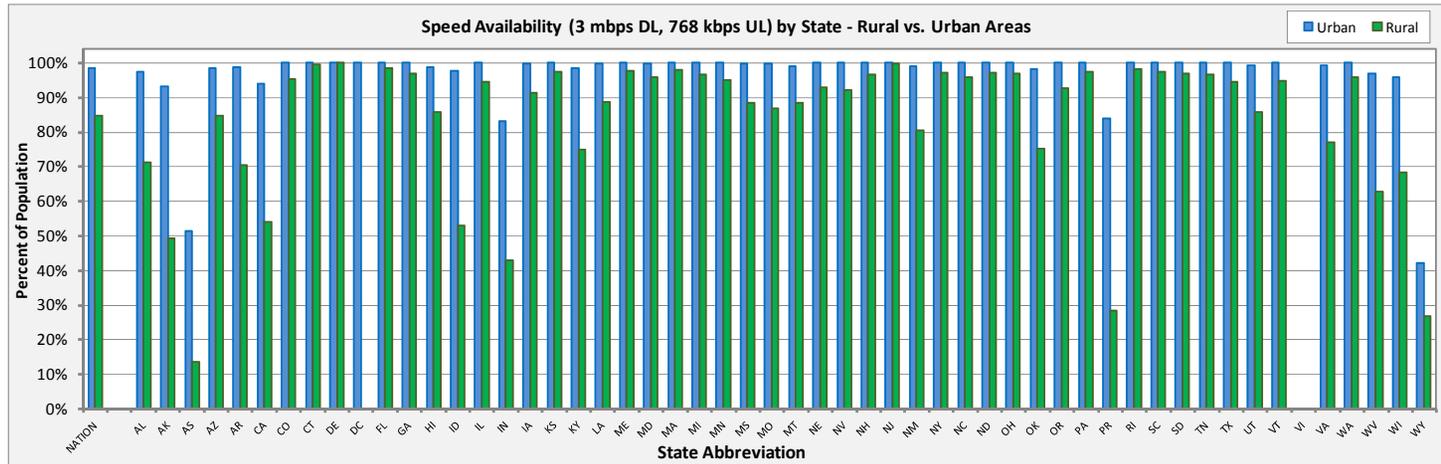
Map

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.



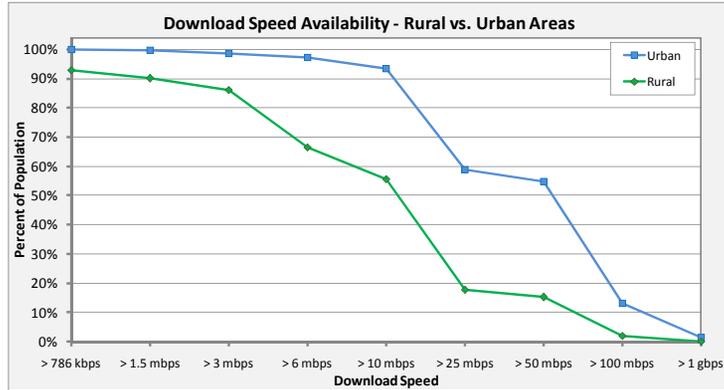
Chart

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.



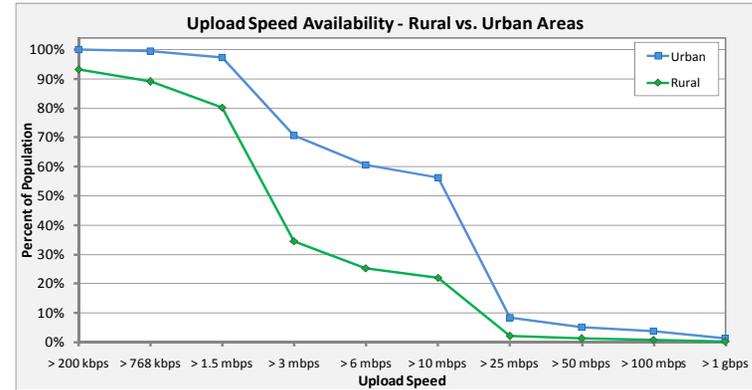
Download Speed Availability

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



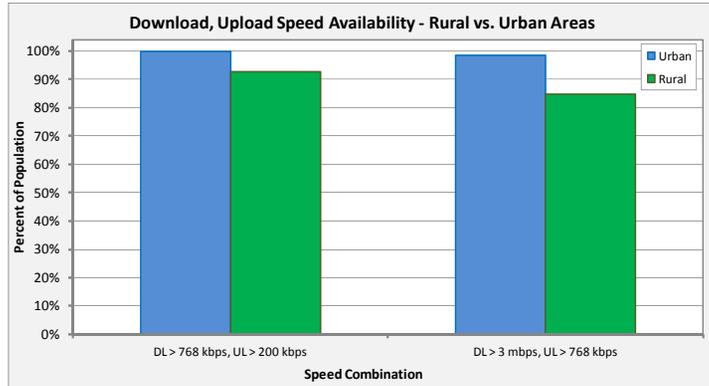
Upload Speed Availability

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



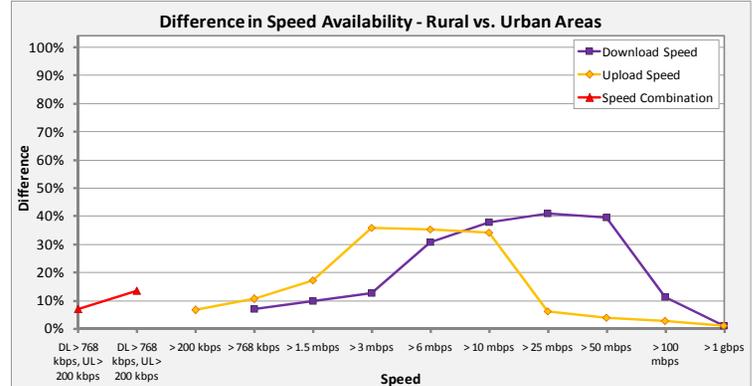
Download, Upload Speed Availability

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 speeds in rural vs. urban areas.

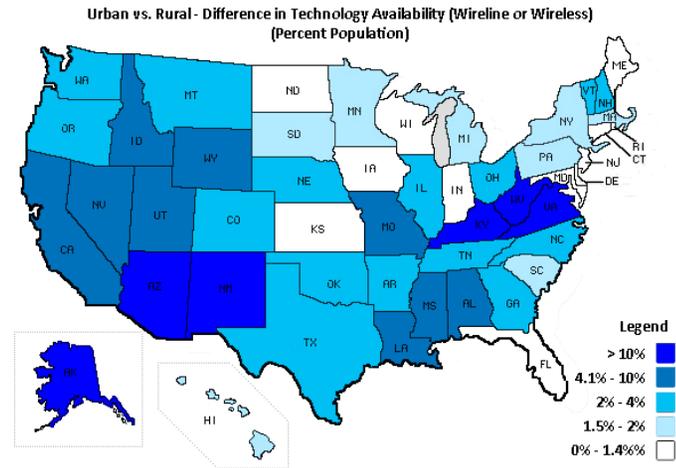


Technology Availability

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

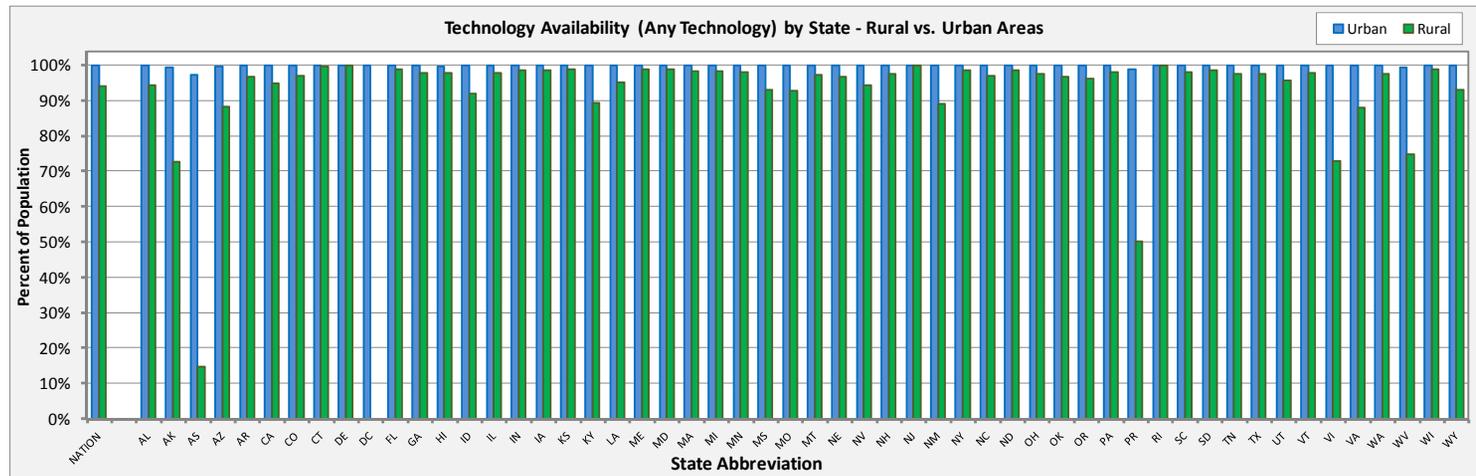
Map

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.



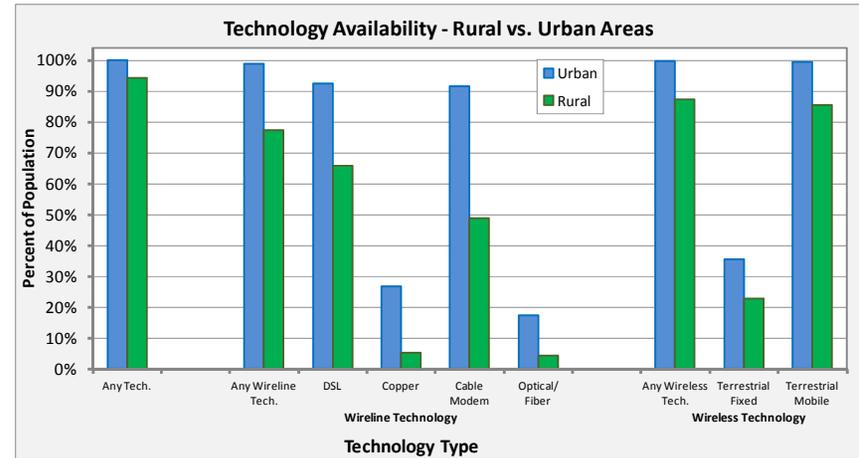
Chart

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



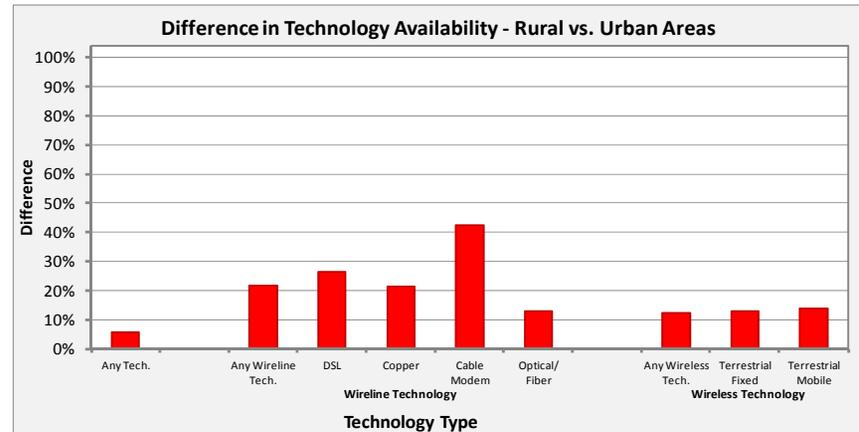
Technology Availability

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.



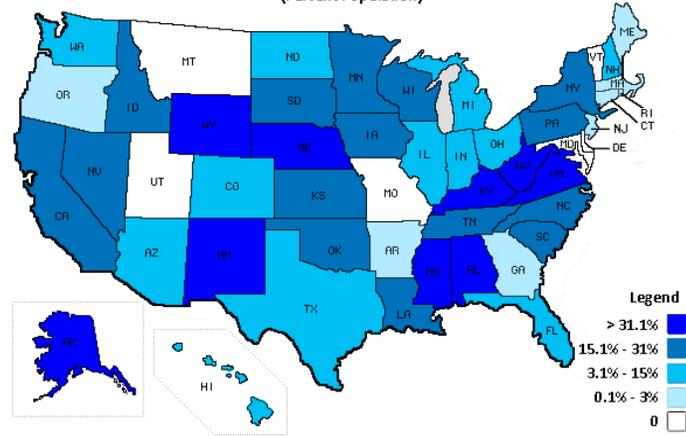
Provider Availability

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

Map

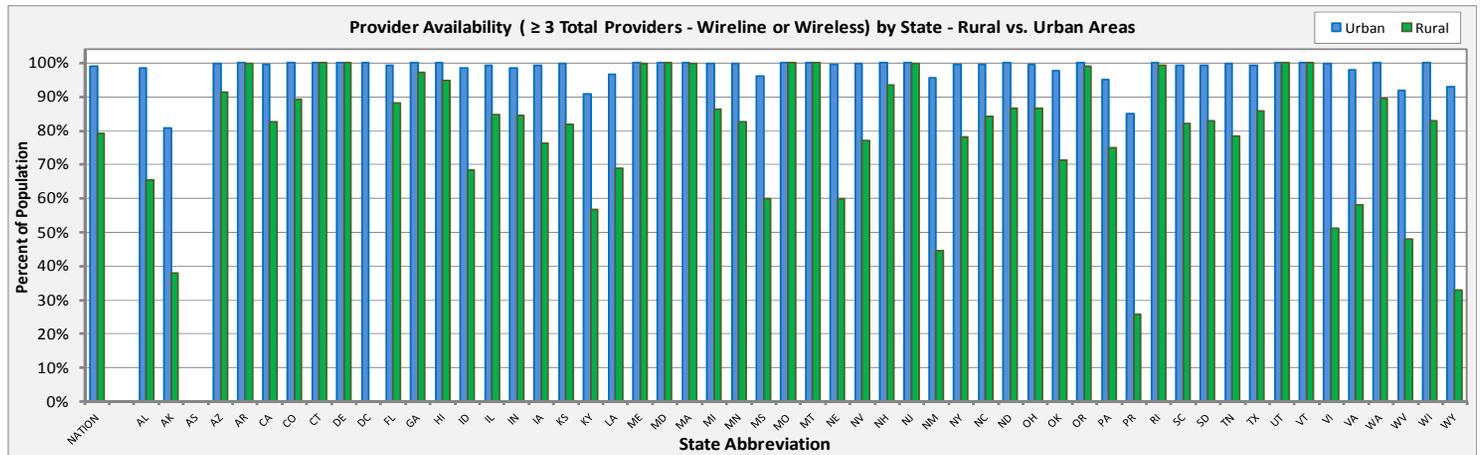
The map illustrates the difference in provider availability, in terms of percent of population, of three or more providers (wireline or wireless). This is calculated by subtracting the percent of the population with access to three or more providers in rural areas from the percent of the population with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

Urban vs. Rural - Difference in Provider Availability (3 or more - Wireline or Wireless Providers) (Percent Population)



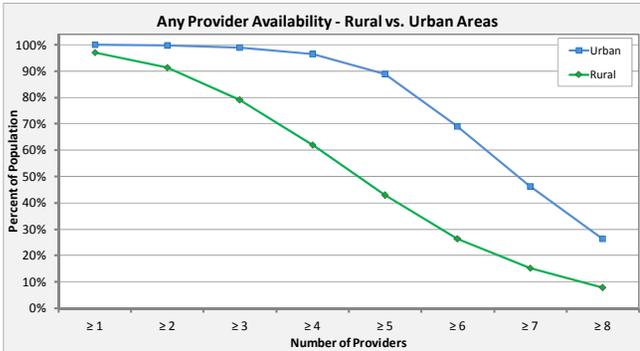
Chart

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



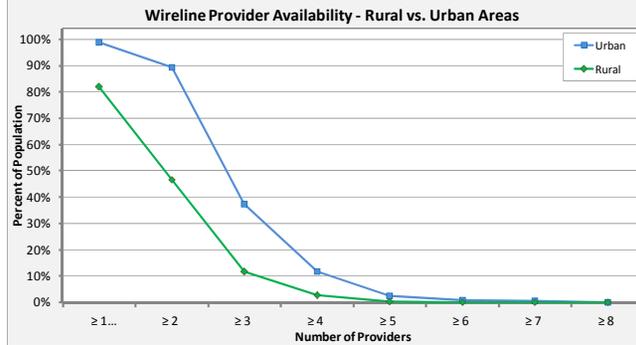
Any Provider Availability

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



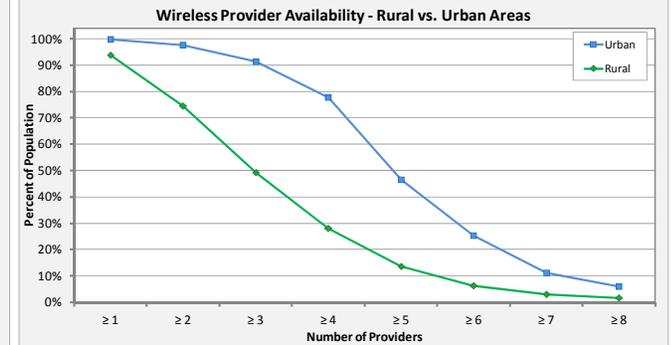
Wireline Provider Availability

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.



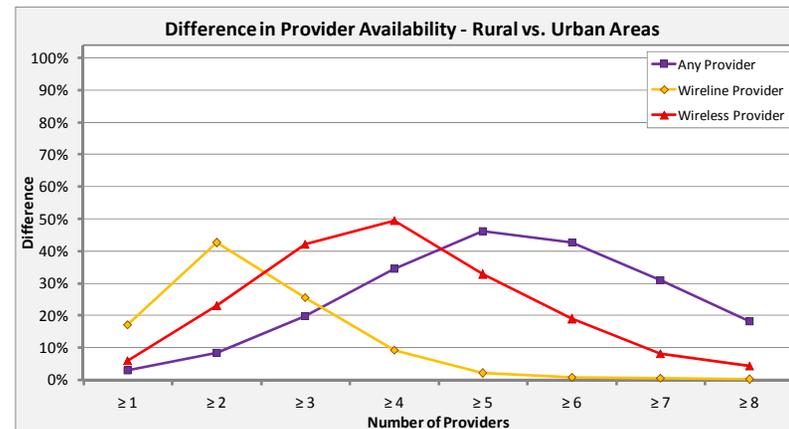
Wireless Provider Availability

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	Urban/ Rural	Population	≥ 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	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps	≥ 768 kbps, ≥ 200 kbps	≥ 3 mbps, ≥ 768 kbps			
NATIONWIDE		Rural	67,224,943	92.8%	90.0%	86.1%	66.5%	55.7%	17.8%	15.2%	1.9%	0.2%	93.3%	89.0%	80.1%	34.6%	25.2%	22.0%	2.0%	1.1%	0.8%	0.2%	92.8%	84.5%
NATIONWIDE		Urban	243,181,422	99.8%	99.8%	98.7%	97.2%	93.5%	58.8%	54.8%	13.1%	1.3%	99.9%	99.5%	97.2%	70.5%	60.5%	56.2%	8.2%	5.0%	3.6%	1.3%	99.8%	98.3%
Alaska	AK	Rural	242,368	72.6%	70.4%	50.4%	43.6%	42.3%	1.2%	1.2%	1.2%	0.0%	72.6%	69.9%	6.1%	6.1%	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	72.6%	49.1%
Alaska	AK	Urban	458,792	99.3%	98.5%	93.0%	93.0%	93.0%	1.9%	1.9%	0.0%	0.0%	99.3%	93.7%	40.6%	40.6%	1.9%	1.9%	1.9%	1.9%	1.9%	0.0%	99.3%	93.0%
Alabama	AL	Rural	2,046,152	94.1%	76.1%	72.1%	65.0%	52.9%	0.7%	0.7%	0.4%	0.4%	94.1%	92.3%	57.6%	25.6%	16.1%	14.1%	0.4%	0.4%	0.4%	0.4%	94.1%	71.1%
Alabama	AL	Urban	2,596,703	100.0%	99.0%	97.7%	97.4%	90.6%	12.7%	12.7%	6.0%	6.0%	100.0%	100.0%	85.9%	21.1%	20.0%	18.9%	6.0%	6.0%	6.0%	100.0%	97.4%	
Arkansas	AR	Rural	1,327,277	96.6%	96.0%	72.5%	67.5%	53.7%	0.0%	0.0%	0.0%	0.0%	96.6%	74.9%	59.4%	37.9%	26.7%	26.7%	0.0%	0.0%	0.0%	0.0%	96.6%	70.4%
Arkansas	AR	Urban	1,534,788	100.0%	100.0%	98.6%	98.5%	80.6%	0.0%	0.0%	0.0%	0.0%	100.0%	98.8%	82.6%	21.3%	13.0%	13.0%	0.0%	0.0%	0.0%	0.0%	100.0%	98.6%
American Samoa	AS	Rural	54,009	13.7%	13.4%	13.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	13.7%	13.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	13.7%	13.4%
American Samoa	AS	Urban	3,282	48.5%	51.4%	51.4%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	48.5%	51.4%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	48.5%	51.4%
Arizona	AZ	Rural	812,557	99.9%	99.9%	99.9%	99.9%	21.9%	11.9%	13.3%	0.0%	0.0%	99.9%	87.9%	81.9%	16.3%	3.9%	3.6%	1.3%	1.3%	0.0%	0.0%	99.9%	84.7%
Arizona	AZ	Urban	5,827,580	100.0%	100.0%	100.0%	100.0%	87.6%	78.9%	0.1%	0.1%	100.0%	99.6%	97.0%	81.5%	43.4%	43.0%	36.2%	0.1%	0.1%	0.1%	100.0%	99.6%	97.0%
California	CA	Rural	2,126,718	94.8%	85.7%	54.9%	50.3%	39.0%	24.9%	22.5%	14.4%	0.2%	94.8%	86.1%	77.0%	25.8%	25.3%	24.6%	4.0%	0.3%	0.2%	0.2%	94.8%	54.0%
California	CA	Urban	35,146,813	100.0%	99.9%	94.0%	93.7%	89.7%	58.0%	57.2%	33.3%	1.1%	100.0%	99.9%	99.6%	70.6%	67.2%	54.2%	13.4%	2.2%	1.1%	1.1%	100.0%	94.0%
Colorado	CO	Rural	782,805	97.1%	96.9%	95.3%	41.2%	15.5%	5.2%	0.1%	0.0%	0.0%	97.1%	97.0%	94.4%	33.3%	9.3%	7.1%	0.1%	0.1%	0.0%	0.0%	97.1%	95.3%
Colorado	CO	Urban	4,129,198	100.0%	100.0%	100.0%	95.4%	67.1%	36.2%	1.1%	0.8%	0.0%	100.0%	100.0%	100.0%	79.1%	31.5%	30.6%	1.1%	1.1%	0.8%	0.0%	100.0%	100.0%
Connecticut	CT	Rural	434,313	99.7%	99.7%	99.3%	95.6%	88.3%	60.5%	60.5%	17.1%	2.8%	99.7%	99.1%	61.6%	52.3%	52.3%	2.8%	2.8%	2.8%	2.8%	99.7%	99.3%	
Connecticut	CT	Urban	3,092,683	100.0%	100.0%	100.0%	99.8%	98.5%	88.2%	88.2%	28.5%	4.8%	100.0%	100.0%	100.0%	90.6%	76.6%	76.6%	4.9%	4.9%	4.8%	100.0%	100.0%	
District of Columbia	DC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
District of Columbia	DC	Urban	588,461	100.0%	100.0%	100.0%	100.0%	99.9%	99.8%	99.8%	3.3%	100.0%	100.0%	100.0%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	3.3%	100.0%	100.0%	
Delaware	DE	Rural	195,921	100.0%	100.0%	99.9%	95.1%	90.9%	79.2%	79.2%	0.1%	0.1%	100.0%	100.0%	99.8%	79.3%	77.3%	77.1%	0.1%	0.1%	0.1%	0.1%	100.0%	99.9%
Delaware	DE	Urban	688,916	100.0%	100.0%	99.7%	99.0%	96.8%	96.8%	0.4%	0.4%	0.0%	100.0%	100.0%	100.0%	97.4%	97.2%	96.7%	0.4%	0.4%	0.4%	0.4%	100.0%	100.0%
Florida	FL	Rural	2,219,611	99.0%	98.8%	98.4%	78.5%	72.7%	29.9%	18.2%	2.5%	0.0%	99.0%	98.7%	98.3%	61.6%	52.7%	48.9%	2.9%	2.5%	2.5%	0.0%	99.0%	98.3%
Florida	FL	Urban	16,740,803	100.0%	100.0%	100.0%	99.4%	98.8%	70.1%	64.5%	10.0%	0.0%	100.0%	99.9%	99.9%	93.1%	87.4%	85.7%	10.0%	10.0%	10.0%	0.0%	100.0%	99.9%
Georgia	GA	Rural	2,733,986	97.8%	97.6%	96.3%	76.3%	71.4%	34.6%	34.1%	5.3%	1.0%	97.8%	97.6%	94.9%	36.5%	32.5%	32.4%	4.4%	4.4%	4.4%	1.0%	97.8%	96.7%
Georgia	GA	Urban	7,135,630	100.0%	100.0%	100.0%	98.6%	97.9%	72.2%	72.2%	5.1%	0.6%	100.0%	100.0%	100.0%	80.0%	74.9%	74.6%	4.5%	4.2%	0.6%	0.6%	100.0%	100.0%
Hawaii	HI	Rural	124,737	97.8%	86.3%	85.6%	85.6%	85.6%	0.0%	0.0%	0.0%	0.0%	97.8%	97.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.8%	85.6%
Hawaii	HI	Urban	1,180,933	99.7%	99.2%	98.8%	98.8%	98.8%	0.8%	0.3%	0.1%	0.0%	99.7%	99.7%	2.6%	2.1%	1.3%	1.2%	0.8%	0.3%	0.1%	0.0%	99.7%	98.8%
Iowa	IA	Rural	1,113,661	96.6%	93.0%	52.1%	45.4%	45.4%	2.2%	2.2%	0.7%	0.4%	96.6%	94.4%	87.1%	25.3%	4.1%	3.4%	1.3%	1.3%	0.5%	0.4%	96.6%	91.2%
Iowa	IA	Urban	1,873,321	100.0%	100.0%	99.9%	99.4%	98.4%	29.0%	23.1%	5.1%	1.2%	100.0%	100.0%	99.3%	51.9%	23.0%	22.6%	12.5%	12.5%	1.7%	1.2%	100.0%	99.9%
Idaho	ID	Rural	490,279	90.4%	68.8%	55.2%	43.9%	31.6%	1.1%	1.1%	0.1%	0.1%	90.4%	73.5%	16.9%	7.8%	5.8%	0.6%	0.1%	0.1%	0.1%	0.1%	90.4%	52.9%
Idaho	ID	Urban	1,046,910	100.0%	98.5%	97.9%	97.1%	94.9%	3.7%	3.7%	1.9%	1.6%	100.0%	98.5%	45.5%	4.9%	5.5%	2.7%	1.9%	1.9%	1.6%	0.0%	100.0%	97.7%
Illinois	IL	Rural	1,550,676	97.7%	96.2%	95.6%	66.8%	59.2%	11.1%	11.1%	0.0%	0.0%	97.7%	94.8%	93.0%	28.1%	18.3%	14.8%	0.0%	0.0%	0.0%	0.0%	97.7%	94.5%
Illinois	IL	Urban	11,368,631	100.0%	100.0%	100.0%	99.5%	98.9%	75.4%	75.4%	0.0%	0.0%	100.0%	100.0%	100.0%	80.5%	78.4%	76.6%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Indiana	IN	Rural	1,836,797	51.7%	50.6%	49.9%	40.9%	37.6%	1.6%	1.6%	0.0%	0.0%	69.7%	45.0%	40.3%	14.4%	11.8%	7.6%	0.0%	0.0%	0.0%	0.0%	51.7%	43.0%
Indiana	IN	Urban	4,552,673	93.3%	92.6%	92.5%	83.1%	82.8%	6.7%	6.7%	0.0%	0.0%	96.7%	86.0%	72.6%	11.0%	10.7%	10.0%	0.0%	0.0%	0.0%	0.0%	93.3%	83.2%
Kansas	KS	Rural	763,106	99.0%	98.9%	97.7%	62.5%	49.5%	16.8%	16.0%	2.5%	0.0%	99.0%	98.6%	95.8%	27.4%	19.6%	16.5%	2.7%	2.5%	0.8%	0.0%	99.0%	97.4%
Kansas	KS	Urban	2,018,346	100.0%	100.0%	100.0%	98.8%	96.2%	53.2%	53.1%	3.6%	0.0%	100.0%	100.0%	100.0%	15.6%	14.5%	8.0%	4.1%	3.6%	3.4%	0.0%	100.0%	100.0%
Kentucky	KY	Rural	1,915,856	89.2%	86.2%	79.9%	55.1%	25.4%	0.1%	0.0%	0.0%	0.0%	89.1%	83.1%	59.8%	3.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	89.1%	74.9%
Kentucky	KY	Urban	2,358,095	99.9%	99.8%	99.4%	92.9%	81.9%	2.2%	0.8%	0.7%	0.7%	99.9%	99.6%	89.9%	19.6%	14.4%	9.9%	0.8%	0.8%	0.7%	0.7%	99.9%	98.3%
Louisiana	LA	Rural	1,297,081	95.1%	94.5%	92.8%	72.9%	56.5%	17.1%	17.1%	0.4%	0.4%	95.1%	92.7%	83.5%	39.9%	18.9%	12.7%	0.3%	0.3%	0.0%	0.0%	95.1%	88.6%
Louisiana	LA	Urban	3,056,115	99.9%	99.9%	99.9%	99.1%	94.8%	37.8%	37.8%	2.5%	1.0%	99.9%	99.9%	98.8%	73.2%	42.1%	10.9%	4.1%	4.1%	1.8%	0.3%	99.9%	99.8%
Massachusetts	MA	Rural	564,519	98.4%	98.2%	97.9%	94.5%	85.9%	59.3%	59.3%	0.8%	0.8%	98.3%	97.9%	92.9%	80.1%	63.4%	4.3%	4.3%	4.3%	0.3%	0.2%	98.4%	97.9%
Massachusetts	MA	Urban	5,887,771	100.0%	100.0%	100.0%	99.6%	99.0%	89.1%	89.1%	0.2%	0.2%	100.0%	100.0%	100.0%	99.5%	97.0%	90.0%	1.8%	1.7%	0.2%	0.2%	100.0%	100.0%
Maryland	MD	Rural	827,437	98.8%	98.8%	96.3%	77.3%	77.3%	67.8%	63.6%	0.5%	0.1%	98.8%	98.7%	89.5%	67.0%	63.9%	63.8%	0.5%	0.5%	0.1%	0.1%	98.8%	95.7%
Maryland	MD	Urban	4,898,593	100.0%	100.0%	99.9%	99.3%	97.4%	95.9%	94.0%	1.0%	0.5%	100.0%	100.0%	97.1%	95.0%	94.2%	94.2%	1.0%	1.0%	1.0%	0.5%	100.0%	99.9%
Maine	ME	Rural	798,043	98.8%	98.4%	98.3%	89.6%	81.9%	6.5%	5.9%	0.0%	0.0%	98.8%	97.8%	91.8%	10.6%	6.5%	6.5%	0.0%	0.0%	0.0%	0.0%	98.8%	97.6%
Maine	ME	Urban	525,403	100.0%	100.0%	100.0%	99.7%	93.8%	10.7%	10.7%	0.0%	0.0%	100.0%	100.0%	100.0%	13.0%	10.7%	10.7%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%

Geography Information				Download Speed										Upload Speed											
State Name	State Abbr	Urban/ Rural	Population	≥ 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				67,224,942	92.8%	90.0%	86.1%	66.5%	55.7%	17.8%	15.2%	1.9%	0.2%	93.3%	89.0%	80.1%	34.6%	25.2%	22.0%	2.0%	1.1%	0.8%	0.2%	92.8%	84.8%
NATIONWIDE				243,181,422	99.8%	99.8%	98.7%	97.2%	93.5%	58.8%	54.8%	13.1%	1.3%	99.9%	99.5%	97.2%	70.5%	60.5%	56.2%	8.2%	5.0%	3.6%	1.3%	99.8%	98.3%
North Carolina	NC	Rural	3,628,287	96.1%	95.9%	95.8%	82.7%	79.3%	3.5%	0.4%	0.0%	0.0%	96.1%	95.8%	92.8%	47.5%	33.4%	25.4%	3.1%	0.0%	0.0%	0.0%	96.1%	95.6%	
North Carolina	NC	Urban	5,630,139	100.0%	100.0%	100.0%	98.8%	98.3%	1.8%	0.6%	0.0%	0.0%	100.0%	100.0%	99.9%	66.9%	21.7%	17.3%	1.2%	0.0%	0.0%	0.0%	100.0%	100.0%	
North Dakota	ND	Rural	278,960	98.5%	98.4%	98.0%	56.8%	46.8%	34.5%	5.2%	0.0%	0.0%	98.5%	97.2%	96.4%	27.9%	4.3%	2.7%	2.0%	0.0%	0.0%	0.0%	98.5%	97.1%	
North Dakota	ND	Urban	355,458	100.0%	100.0%	100.0%	96.3%	94.5%	65.1%	6.6%	0.0%	0.0%	100.0%	100.0%	100.0%	23.4%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Nebraska	NE	Rural	511,684	96.2%	94.9%	93.9%	43.6%	36.1%	4.2%	4.2%	1.6%	0.0%	96.1%	95.2%	89.4%	4.4%	1.8%	1.8%	1.6%	1.6%	1.6%	0.0%	96.1%	92.8%	
Nebraska	NE	Urban	1,271,699	100.0%	100.0%	100.0%	94.2%	92.9%	73.1%	73.1%	24.3%	0.0%	100.0%	100.0%	100.0%	73.2%	24.4%	24.4%	24.3%	24.3%	24.3%	0.0%	100.0%	100.0%	
New Hampshire	NH	Rural	551,929	97.2%	96.8%	96.6%	89.9%	89.3%	44.4%	43.7%	0.0%	0.0%	97.2%	97.2%	99.8%	44.7%	44.4%	44.4%	0.7%	0.0%	0.0%	0.0%	97.2%	96.6%	
New Hampshire	NH	Urban	784,283	100.0%	100.0%	100.0%	99.6%	99.6%	88.2%	85.5%	0.0%	0.0%	100.0%	100.0%	99.4%	88.9%	88.2%	88.2%	2.7%	0.0%	0.0%	0.0%	100.0%	100.0%	
New Jersey	NJ	Rural	1,510,398	99.9%	99.9%	99.6%	97.2%	95.4%	81.5%	81.5%	24.5%	0.7%	99.9%	99.9%	99.4%	93.5%	91.0%	89.2%	0.7%	0.7%	0.7%	0.7%	99.9%	99.6%	
New Jersey	NJ	Urban	8,253,905	100.0%	100.0%	99.8%	99.1%	97.8%	97.8%	48.7%	1.3%	1.0%	100.0%	100.0%	100.0%	99.2%	98.5%	98.4%	1.4%	1.3%	1.3%	1.3%	100.0%	100.0%	
New Mexico	NM	Rural	486,517	89.0%	85.6%	80.7%	28.9%	25.7%	1.9%	1.8%	0.0%	0.0%	89.0%	82.5%	76.2%	2.4%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	89.0%	80.5%	
New Mexico	NM	Urban	1,511,411	100.0%	99.7%	99.3%	90.6%	89.3%	11.9%	3.7%	0.0%	0.0%	100.0%	99.3%	98.0%	42.4%	7.8%	4.1%	0.0%	0.0%	0.0%	0.0%	100.0%	99.0%	
Nevada	NV	Rural	221,742	94.3%	93.6%	92.1%	70.0%	45.4%	10.3%	6.9%	0.0%	0.0%	94.3%	92.9%	90.6%	33.0%	26.6%	25.3%	0.5%	0.0%	0.0%	0.0%	94.3%	92.0%	
Nevada	NV	Urban	2,499,412	100.0%	100.0%	100.0%	99.8%	95.6%	73.3%	73.3%	0.0%	0.0%	100.0%	100.0%	100.0%	90.0%	88.6%	79.6%	0.8%	0.4%	0.0%	0.0%	100.0%	100.0%	
New York	NY	Rural	2,422,450	98.2%	98.1%	97.3%	68.0%	66.5%	49.9%	49.9%	9.9%	0.4%	98.2%	97.4%	94.6%	51.1%	15.4%	15.4%	0.6%	0.6%	0.6%	0.6%	98.2%	97.1%	
New York	NY	Urban	16,945,181	100.0%	100.0%	100.0%	99.0%	98.6%	89.8%	89.7%	50.5%	9.0%	100.0%	100.0%	100.0%	90.5%	75.4%	75.3%	13.2%	9.1%	9.1%	9.0%	100.0%	100.0%	
Ohio	OH	Rural	2,679,058	97.5%	97.3%	96.8%	78.3%	72.0%	22.0%	3.6%	0.2%	0.1%	97.5%	97.2%	92.0%	40.9%	17.2%	10.2%	0.1%	0.1%	0.1%	0.1%	97.5%	96.8%	
Ohio	OH	Urban	8,799,083	100.0%	100.0%	100.0%	99.2%	98.4%	29.6%	2.5%	0.0%	0.0%	100.0%	100.0%	99.9%	39.0%	17.3%	11.5%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Oklahoma	OK	Rural	1,274,377	96.5%	85.5%	80.6%	42.4%	25.1%	1.0%	0.5%	0.0%	0.0%	96.5%	88.7%	70.2%	10.7%	1.8%	0.3%	0.0%	0.0%	0.0%	0.0%	96.5%	75.1%	
Oklahoma	OK	Urban	2,263,957	99.9%	99.4%	98.9%	92.5%	87.6%	0.2%	0.2%	0.0%	0.0%	99.9%	98.1%	96.3%	6.6%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	99.9%	98.0%	
Oregon	OR	Rural	792,530	96.1%	95.6%	93.1%	70.6%	54.3%	34.7%	31.1%	1.9%	0.1%	96.2%	95.6%	92.6%	57.7%	52.6%	40.5%	13.2%	11.6%	1.9%	0.1%	96.1%	92.0%	
Oregon	OR	Urban	3,015,524	100.0%	100.0%	100.0%	96.6%	92.8%	82.8%	78.5%	37.3%	0.6%	100.0%	100.0%	100.0%	89.6%	89.2%	86.8%	55.5%	52.5%	36.8%	0.2%	100.0%	100.0%	
Pennsylvania	PA	Rural	2,966,746	98.1%	98.0%	97.8%	89.9%	80.3%	56.2%	56.1%	4.6%	0.4%	98.1%	97.7%	93.6%	65.3%	57.8%	55.9%	7.3%	7.0%	4.6%	0.4%	98.1%	97.4%	
Pennsylvania	PA	Urban	9,469,216	100.0%	100.0%	99.0%	97.5%	97.5%	90.0%	90.0%	2.9%	1.8%	100.0%	100.0%	99.9%	91.9%	90.0%	89.8%	5.2%	4.7%	2.9%	1.8%	100.0%	100.0%	
Puerto Rico	PR	Rural	2,666,671	50.2%	49.3%	28.3%	9.5%	9.5%	0.0%	0.0%	0.0%	0.0%	50.2%	48.3%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.2%	28.3%	
Puerto Rico	PR	Urban	1,300,658	99.0%	98.7%	83.8%	35.2%	35.2%	0.0%	0.0%	0.0%	0.0%	99.0%	98.3%	35.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.0%	83.8%	
Rhode Island	RI	Rural	97,711	99.9%	99.9%	98.1%	98.1%	97.2%	97.2%	0.0%	0.0%	0.0%	99.9%	99.9%	98.2%	97.2%	88.4%	88.4%	0.0%	0.0%	0.0%	0.0%	99.9%	98.1%	
Rhode Island	RI	Urban	965,903	100.0%	100.0%	100.0%	100.0%	99.8%	99.8%	1.2%	1.2%	1.2%	100.0%	100.0%	100.0%	99.8%	93.9%	93.9%	1.2%	1.2%	1.2%	1.2%	100.0%	100.0%	
South Carolina	SC	Rural	1,761,489	98.2%	98.0%	97.9%	75.8%	62.8%	5.3%	5.3%	1.2%	0.0%	98.2%	97.3%	95.8%	14.8%	12.4%	10.7%	1.2%	1.2%	1.2%	0.0%	98.2%	97.3%	
South Carolina	SC	Urban	2,717,142	100.0%	100.0%	100.0%	98.1%	93.4%	19.6%	19.6%	0.1%	0.0%	100.0%	100.0%	99.8%	25.3%	24.7%	24.2%	0.1%	0.1%	0.1%	0.0%	100.0%	100.0%	
South Dakota	SD	Rural	376,414	98.5%	98.3%	97.1%	48.7%	29.0%	19.3%	14.7%	14.7%	0.0%	98.5%	97.5%	96.4%	26.4%	14.7%	14.7%	14.7%	14.7%	14.7%	0.0%	98.5%	96.9%	
South Dakota	SD	Urban	426,069	100.0%	100.0%	100.0%	99.8%	95.2%	88.7%	75.5%	75.5%	0.0%	100.0%	100.0%	99.9%	91.1%	75.5%	75.5%	75.5%	75.5%	75.5%	0.0%	100.0%	99.9%	
Tennessee	TN	Rural	2,289,197	97.4%	97.3%	96.9%	79.8%	64.1%	21.3%	21.2%	0.0%	0.0%	97.4%	97.0%	94.7%	31.1%	26.7%	25.0%	0.0%	0.0%	0.0%	0.0%	97.4%	96.5%	
Tennessee	TN	Urban	3,957,214	100.0%	100.0%	100.0%	99.0%	96.3%	48.3%	47.5%	0.4%	0.0%	100.0%	100.0%	100.0%	80.7%	57.2%	56.2%	0.5%	0.0%	0.0%	0.0%	100.0%	100.0%	
Texas	TX	Rural	4,326,067	97.6%	96.5%	95.1%	69.8%	53.0%	8.3%	7.4%	0.0%	0.0%	97.6%	95.5%	91.2%	46.7%	41.3%	31.5%	0.8%	0.0%	0.0%	0.0%	97.6%	94.5%	
Texas	TX	Urban	20,216,340	100.0%	100.0%	100.0%	98.8%	90.2%	52.7%	51.1%	0.0%	0.0%	100.0%	100.0%	99.5%	71.0%	61.6%	51.8%	12.8%	0.0%	0.0%	0.0%	100.0%	99.9%	
Utah	UT	Rural	307,271	95.8%	94.7%	93.4%	67.9%	40.9%	23.2%	22.7%	1.6%	1.3%	95.8%	86.6%	83.7%	28.9%	22.3%	22.0%	1.6%	1.6%	1.6%	1.3%	95.8%	85.7%	
Utah	UT	Urban	2,425,015	100.0%	100.0%	100.0%	98.4%	94.5%	88.6%	88.6%	13.8%	7.7%	100.0%	99.3%	99.2%	92.9%	88.5%	88.1%	14.0%	13.9%	13.8%	7.7%	100.0%	99.3%	
Virginia	VA	Rural	2,159,349	86.2%	78.9%	78.0%	73.0%	64.8%	23.2%	23.2%	0.1%	0.1%	86.3%	77.4%	62.0%	39.5%	34.8%	31.1%	0.3%	0.1%	0.1%	0.1%	86.2%	76.9%	
Virginia	VA	Urban	5,724,695	99.9%	99.5%	99.2%	99.0%	98.6%	80.8%	80.8%	0.0%	0.0%	99.9%	99.2%	97.7%	85.3%	84.0%	83.2%	0.0%	0.0%	0.0%	0.0%	99.9%	99.2%	
Virgin Islands	VI	Rural	35,400	72.9%	34.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	72.9%	34.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	72.9%	0.0%	
Virgin Islands	VI	Urban	73,199	100.0%	94.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	94.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	
Vermont	VT	Rural	384,377	97.8%	96.6%	94.9%	85.7%	83.7%	65.4%	2.1%	2.1%	2.1%	97.8%	96.0%	91.8%	81.9%	65.4%	65.4%	2.1%	2.1%	2.1%	2.1%	97.8%	94.6%	
Vermont	VT	Urban	237,143	100.0%	100.0%	100.0%	98.1%	98.1%	94.3%	11.3%	11.3%	11.3%	100.0%	100.0%	100.0%	97.0%	94.5%	94.5%	11.3%	11.3%	11.3%	11.3%	100.0%	100.0%	
Washington	WA	Rural	1,208,918	97.4%	97.0%	95.8%	77.5%	59.5%	37.9%	37.3%	0.7%	0.0%	97.4%	97.0%	95.5%	68.0%	53.7%	45.8%	0.7%	0.7%	0.7%	0.7%	97.4%	95.7%	
Washington	WA	Urban	5,381,330	100.0%	100.0%	100.0%	98.8%	97.1%	84.5%	84.4%	1.4%	1.0%	100.0%	100.0%	100.0										

Urban vs. Rural - Technology Data by State

Geography Information				Any Technology	Wireline Technologies										Wireless Technologies					Other
State Name	State Abbr	Urban/ Rural	Population	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		Rural	67,224,943	94.2%	77.2%	65.9%	65.1%	2.0%	5.2%	48.9%	12.1%	38.5%	4.4%	0.1%	87.4%	22.8%	17.8%	8.9%	85.4%	1.0%
NATIONWIDE		Urban	243,181,422	100.0%	98.9%	92.3%	92.1%	16.0%	26.7%	91.4%	33.7%	64.7%	17.3%	0.0%	99.6%	35.6%	22.5%	21.3%	99.3%	1.7%
Alaska	AK	Rural	242,368	72.6%	54.1%	39.0%	38.0%	1.0%	0.0%	34.8%	0.8%	34.0%	1.2%	0.0%	63.0%	17.1%	16.6%	10.0%	60.5%	0.0%
Alaska	AK	Urban	456,792	99.3%	98.6%	17.0%	17.0%	0.0%	0.0%	97.9%	0.0%	97.9%	1.9%	0.0%	93.5%	66.3%	53.2%	61.6%	93.1%	0.0%
Alabama	AL	Rural	2,046,152	94.3%	75.3%	64.9%	64.9%	0.0%	0.0%	43.5%	0.5%	43.3%	1.3%	0.0%	87.6%	6.4%	6.4%	0.0%	87.6%	0.0%
Alabama	AL	Urban	2,596,703	100.0%	97.8%	93.0%	93.0%	0.0%	0.0%	90.4%	8.2%	88.7%	6.2%	0.0%	99.9%	2.7%	2.7%	0.0%	99.9%	0.0%
Arkansas	AR	Rural	1,327,277	96.7%	74.7%	67.5%	67.5%	0.0%	0.0%	34.9%	2.2%	32.9%	0.3%	0.0%	92.1%	16.3%	16.3%	0.0%	92.1%	0.0%
Arkansas	AR	Urban	1,534,788	100.0%	98.9%	95.6%	95.6%	0.0%	0.0%	92.4%	21.5%	71.8%	0.0%	0.0%	99.8%	21.5%	21.5%	0.0%	99.8%	0.0%
American Samoa	AS	Rural	54,009	14.9%	3.7%	3.7%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	13.1%	13.1%	13.1%	0.0%	0.0%	0.0%
American Samoa	AS	Urban	3,282	97.3%	94.3%	94.3%	94.3%	0.0%	0.0%	0.0%	0.0%	0.0%	53.2%	0.0%	64.5%	64.5%	0.0%	0.0%	0.0%	0.0%
Arizona	AZ	Rural	812,557	88.2%	54.5%	49.7%	49.2%	3.8%	8.9%	18.8%	0.0%	18.8%	0.1%	0.0%	86.7%	33.8%	29.7%	5.8%	86.4%	0.0%
Arizona	AZ	Urban	5,827,580	99.6%	96.5%	92.9%	92.0%	42.0%	78.0%	87.2%	0.0%	87.2%	0.3%	0.0%	99.5%	82.4%	81.9%	36.9%	99.5%	0.0%
California	CA	Rural	2,126,718	94.9%	57.4%	45.0%	45.0%	0.0%	0.7%	32.1%	12.7%	19.5%	2.3%	0.0%	90.9%	28.5%	27.4%	1.7%	88.2%	9.6%
California	CA	Urban	35,146,813	100.0%	98.0%	83.5%	83.5%	0.5%	1.6%	86.3%	32.1%	56.1%	13.6%	0.0%	99.7%	39.7%	21.3%	18.4%	99.7%	3.7%
Colorado	CO	Rural	782,805	97.1%	73.1%	68.4%	68.4%	0.7%	19.2%	19.3%	0.3%	18.9%	0.5%	0.0%	93.6%	47.4%	39.0%	10.7%	92.7%	0.0%
Colorado	CO	Urban	4,129,198	100.0%	99.3%	98.3%	98.3%	36.3%	80.9%	87.4%	0.1%	87.3%	1.9%	0.0%	100.0%	63.8%	62.2%	1.8%	100.0%	0.0%
Connecticut	CT	Rural	434,313	99.7%	95.7%	88.9%	88.9%	0.9%	12.1%	87.9%	37.9%	66.7%	2.9%	0.0%	96.5%	88.7%	0.0%	88.7%	92.3%	0.0%
Connecticut	CT	Urban	3,092,683	100.0%	99.8%	99.1%	99.1%	30.2%	47.2%	96.9%	64.6%	59.4%	5.9%	0.0%	99.8%	98.6%	0.0%	98.6%	99.2%	0.1%
District of Columbia	DC	Rural	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
District of Columbia	DC	Urban	588,461	100.0%	99.9%	99.8%	99.8%	99.8%	99.9%	98.6%	98.6%	60.1%	31.6%	0.0%	100.0%	100.0%	100.0%	99.8%	100.0%	0.0%
Delaware	DE	Rural	195,921	100.0%	95.1%	77.2%	77.2%	0.0%	3.7%	90.5%	88.7%	4.5%	17.2%	0.0%	99.9%	6.3%	6.2%	0.0%	99.9%	0.0%
Delaware	DE	Urban	688,916	100.0%	99.6%	84.1%	84.1%	19.3%	36.8%	98.6%	98.6%	0.0%	63.2%	0.0%	100.0%	2.5%	2.5%	0.0%	100.0%	0.0%
Florida	FL	Rural	2,219,611	99.0%	82.4%	70.2%	70.2%	0.0%	0.0%	60.9%	15.4%	49.6%	7.5%	0.0%	95.7%	2.3%	1.2%	2.3%	95.7%	0.0%
Florida	FL	Urban	16,740,803	100.0%	99.1%	91.6%	91.6%	0.0%	0.0%	93.1%	48.0%	55.2%	24.4%	0.0%	98.5%	6.8%	0.4%	6.8%	98.5%	2.6%
Georgia	GA	Rural	2,733,986	97.8%	85.8%	72.7%	72.6%	0.5%	40.4%	53.7%	32.2%	25.6%	6.4%	0.0%	93.0%	5.4%	2.7%	2.7%	93.0%	0.0%
Georgia	GA	Urban	7,135,630	100.0%	99.4%	96.2%	96.2%	20.4%	87.3%	93.8%	71.8%	29.1%	7.1%	0.0%	100.0%	45.1%	3.1%	42.1%	100.0%	0.5%
Hawaii	HI	Rural	124,737	97.8%	85.6%	74.0%	74.0%	0.0%	0.1%	78.4%	0.0%	78.4%	0.0%	0.0%	88.5%	0.0%	0.0%	0.0%	88.5%	0.0%
Hawaii	HI	Urban	1,180,933	99.7%	98.8%	96.4%	96.4%	0.0%	1.3%	97.6%	0.0%	97.6%	2.0%	0.0%	98.8%	0.0%	0.0%	0.0%	98.8%	0.0%
Iowa	IA	Rural	1,113,661	98.6%	85.6%	81.4%	79.6%	3.2%	0.0%	40.3%	2.1%	38.4%	9.2%	0.0%	91.9%	46.0%	39.2%	13.9%	84.8%	0.0%
Iowa	IA	Urban	1,873,321	100.0%	100.0%	99.2%	99.0%	5.6%	0.0%	99.3%	7.3%	98.2%	35.0%	0.0%	99.2%	70.5%	60.7%	26.1%	96.6%	0.0%
Idaho	ID	Rural	490,279	92.1%	63.6%	55.8%	55.8%	0.0%	0.0%	33.6%	0.2%	33.4%	0.9%	0.0%	87.4%	43.2%	37.0%	8.1%	86.2%	0.0%
Idaho	ID	Urban	1,046,910	100.0%	98.8%	92.7%	92.7%	0.0%	0.0%	96.2%	0.0%	96.2%	2.7%	0.0%	100.0%	82.0%	64.9%	21.5%	100.0%	0.0%
Illinois	IL	Rural	1,550,676	97.7%	73.7%	47.9%	38.9%	9.7%	3.6%	53.4%	0.0%	53.4%	0.5%	0.0%	95.8%	57.1%	55.2%	4.4%	94.6%	0.0%
Illinois	IL	Urban	11,368,631	100.0%	99.7%	91.3%	90.8%	0.7%	0.8%	99.0%	0.0%	99.0%	0.2%	0.1%	99.8%	85.9%	39.1%	61.8%	99.8%	0.0%
Indiana	IN	Rural	1,836,797	98.6%	94.4%	85.5%	85.5%	0.3%	3.5%	72.1%	55.0%	28.8%	13.7%	1.4%	89.6%	78.6%	2.7%	78.2%	53.6%	8.8%
Indiana	IN	Urban	4,552,673	100.0%	99.8%	95.2%	95.2%	14.9%	36.1%	96.2%	59.6%	66.5%	29.9%	0.3%	98.9%	71.7%	0.3%	71.7%	90.2%	14.7%
Kansas	KS	Rural	763,106	99.0%	76.8%	64.4%	61.1%	3.5%	0.0%	35.1%	9.8%	25.6%	9.8%	0.0%	95.0%	52.6%	49.7%	15.5%	93.4%	0.0%
Kansas	KS	Urban	2,018,346	100.0%	99.1%	96.6%	96.3%	0.2%	0.0%	95.4%	14.5%	81.1%	2.2%	0.0%	99.7%	55.3%	55.0%	10.2%	99.6%	0.0%
Kentucky	KY	Rural	1,915,856	89.5%	70.5%	60.5%	60.4%	1.7%	1.7%	26.7%	0.6%	26.3%	1.5%	0.0%	71.9%	3.9%	3.7%	0.2%	71.2%	0.0%
Kentucky	KY	Urban	2,358,095	99.9%	98.0%	97.0%	97.0%	14.6%	26.6%	16.9%	0.5%	16.4%	2.4%	0.0%	98.1%	9.8%	9.6%	0.2%	98.0%	0.0%
Louisiana	LA	Rural	1,297,081	95.1%	82.5%	77.3%	64.2%	40.2%	33.1%	51.9%	15.7%	37.2%	5.3%	0.0%	82.5%	8.4%	8.4%	0.0%	82.4%	0.0%
Louisiana	LA	Urban	3,056,115	99.9%	99.7%	98.2%	94.6%	66.6%	59.6%	92.8%	37.8%	57.4%	8.1%	0.0%	98.0%	10.7%	10.7%	0.0%	98.0%	0.0%
Massachusetts	MA	Rural	564,519	98.5%	94.7%	87.2%	87.2%	0.8%	1.4%	86.4%	57.2%	30.4%	30.1%	0.0%	87.2%	2.6%	2.6%	0.0%	86.7%	0.0%
Massachusetts	MA	Urban	5,887,771	100.0%	99.6%	94.2%	94.2%	2.7%	1.5%	98.7%	87.8%	25.1%	49.2%	0.0%	99.7%	0.0%	0.0%	0.0%	99.7%	0.3%
Maryland	MD	Rural	827,437	98.9%	87.9%	71.1%	71.1%	1.4%	17.5%	70.3%	58.5%	13.8%	15.2%	0.0%	94.5%	7.7%	7.7%	0.0%	94.5%	4.7%
Maryland	MD	Urban	4,898,593	100.0%	99.7%	94.5%	94.5%	51.3%	94.2%	92.1%	11.4%	60.8%	0.0%	0.0%	99.6%	9.4%	9.4%	0.0%	99.6%	1.9%
Maine	ME	Rural	798,043	98.8%	90.7%	70.3%	70.3%	0.0%	0.8%	85.6%	1.8%	84.3%	0.3%	0.0%	96.6%	47.4%	47.4%	0.0%	91.1%	0.0%
Maine	ME	Urban	525,403	100.0%	99.7%	98.0%	98.0%	0.9%	2.3%	99.4%	3.4%	96.2%	0.0%	0.0%	99.9%	30.5%	30.5%	0.0%	99.8%	0.0%
Michigan	MI	Rural	2,637,593	98.4%	78.4%	61.6%	61.6%	1.0%	1.0%	60.0%	10.0%	50.3%	0.6%	0.0%	95.9%	41.4%	35.8%	15.6%	95.4%	0.0%
Michigan	MI	Urban	7,483,890	100.0%	99.5%	96.6%	96.6%	5.8%	5.8%	93.6%	23.1%	70.7%	1.8%	0.0%	99.7%	22.0%	19.4%	6.8%	99.6%	0.0%
Minnesota	MN	Rural	1,550,714	98.2%	85.0%	80.4%	78.3%	2.2%	0.0%	36.0%	9.2%	27.6%	10.3%	0.0%	93.5%	33.2%	27.2%	17.5%	91.8%	0.0%
Minnesota	MN	Urban	3,707,002	100.0%	99.9%	98.7%	98.1%	0.6%	0.0%	97.9%	64.7%	34.7%	2.8%	0.0%	99.9%	18.0%	13.9%	11.4%	99.8%	0.0%
Missouri	MO	Rural	1,873,343	92.9%	67.7%	62.9%	62.9%	0.9%	2.6%	16.8%	1.1%	15.8%	0.5%	0.0%	84.5%	12.2%	8.5%	7.0%	83.6%	0.0%
Missouri	MO	Urban	4,059,962	100.0%	99.0%	97.5%	97.5%	30.3%	56.5%	78.4%	7.0%	71.7%	4.2%	0.0%	99.6%	5.5%	4.3%	3.3%	99.5%	0.0%
Mississippi	MS	Rural	1,520,877	93.1%	69.8%	63.2%	63.2%	0.7%	19.2%	28.9%	0.0%	28.9%	1.8%	0.0%	87.6%	0.6%	0.6%	0.0%	87.6%	0.0%
Mississippi	MS	Urban	1,404,579	100.0%	97.9%	95.5%	95.5%	4.3%	60.9%	56.5%	0.0%	56.5%	24.1%	0.0%	99.8%	4.0%	4.0%	0.0%	99.8%	0.0%
Montana	MT	Rural	440,590	97.3%	84.6%	82.1%	82.1%	5.2%	0.0%	23.8%	0.0%	23.8%	5.2%	0.0%	84.9%	18.1%	12.9%	5.5%	82.7%	0.0%
Montana	MT	Urban	522,173	100.0%	99.8%	99.7%	99.7%	1.8%	0.0%	92.7%	0.0%									

Geography Information				Any Technology		Wireline Technologies								Wireless Technologies					Other	
State Name	State Abbr	Urban/ Rural	Population	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 (Unic.)	Terrestrial Fixed (Lic.)	Terrestrial Mobile	Other
North Carolina	NC	Rural	3,628,287	96.9%	89.4%	68.0%	66.6%	1.5%	6.1%	73.5%	0.3%	73.3%	1.1%	0.0%	88.8%	10.6%	10.7%	0.0%	88.6%	0.0%
North Carolina	NC	Urban	5,630,139	100.0%	99.7%	86.5%	86.3%	16.7%	42.0%	96.6%	0.0%	96.6%	1.0%	0.0%	99.9%	5.7%	5.7%	0.0%	99.9%	0.0%
North Dakota	ND	Rural	278,969	98.6%	75.4%	61.1%	61.1%	4.5%	0.0%	31.9%	7.4%	28.0%	16.6%	0.0%	95.8%	46.5%	26.9%	28.2%	94.8%	0.0%
North Dakota	ND	Urban	355,458	100.0%	99.9%	96.1%	96.1%	1.9%	0.0%	99.7%	6.6%	99.6%	3.5%	0.0%	99.6%	78.5%	41.8%	52.9%	99.6%	0.0%
Nebraska	NE	Rural	511,684	96.8%	68.0%	56.4%	56.4%	0.1%	0.1%	25.1%	0.6%	25.1%	1.4%	0.0%	91.4%	31.7%	29.3%	13.9%	90.0%	25.6%
Nebraska	NE	Urban	1,271,699	100.0%	95.1%	32.6%	32.5%	0.1%	0.9%	92.1%	9.2%	92.1%	1.7%	0.0%	99.9%	17.4%	16.5%	10.0%	99.9%	70.6%
New Hampshire	NH	Rural	551,929	97.6%	92.1%	70.1%	70.0%	2.5%	9.0%	83.2%	38.4%	45.2%	0.0%	0.0%	91.3%	10.2%	10.2%	0.1%	91.2%	0.0%
New Hampshire	NH	Urban	784,283	100.0%	99.8%	97.0%	97.0%	31.0%	53.4%	98.6%	82.4%	16.2%	0.0%	0.0%	99.8%	2.9%	2.9%	0.0%	99.8%	0.0%
New Jersey	NJ	Rural	510,398	99.9%	97.2%	87.5%	87.5%	2.1%	19.2%	94.9%	66.3%	35.6%	24.8%	0.0%	99.5%	0.0%	0.0%	0.0%	99.5%	0.0%
New Jersey	NJ	Urban	8,253,905	100.0%	99.7%	95.3%	95.3%	50.4%	76.4%	98.7%	53.6%	51.9%	58.2%	0.0%	100.0%	0.2%	0.2%	0.0%	100.0%	0.0%
New Mexico	NM	Rural	486,517	89.0%	56.5%	51.2%	51.2%	0.4%	8.4%	24.9%	2.0%	22.9%	0.6%	0.0%	81.0%	9.1%	4.2%	5.8%	77.3%	0.0%
New Mexico	NM	Urban	1,511,411	100.0%	97.6%	93.6%	93.6%	27.5%	58.3%	88.9%	6.2%	82.8%	1.0%	0.0%	99.6%	12.2%	4.9%	8.6%	97.3%	0.0%
Nevada	NV	Rural	221,726	94.3%	70.2%	59.7%	59.7%	0.0%	0.0%	34.3%	1.5%	32.8%	5.3%	0.0%	89.6%	58.1%	57.6%	6.8%	87.3%	0.0%
Nevada	NV	Urban	2,499,412	100.0%	99.5%	97.8%	97.8%	0.0%	0.0%	94.2%	1.7%	93.2%	0.9%	0.0%	100.0%	96.0%	95.8%	74.6%	100.0%	0.0%
New York	NY	Rural	2,422,450	98.5%	90.3%	79.3%	79.3%	0.4%	0.8%	71.3%	10.2%	70.7%	4.9%	0.0%	93.1%	3.0%	3.0%	0.0%	93.1%	0.0%
New York	NY	Urban	16,945,181	100.0%	99.7%	97.4%	97.4%	58.7%	68.8%	98.4%	48.8%	98.2%	46.5%	0.0%	99.9%	2.2%	2.2%	0.0%	99.9%	0.0%
Ohio	OH	Rural	2,679,058	97.5%	87.9%	75.0%	74.8%	0.1%	0.0%	71.1%	7.1%	65.2%	2.1%	0.0%	92.9%	35.3%	30.4%	10.2%	92.1%	0.0%
Ohio	OH	Urban	8,799,083	100.0%	99.6%	97.9%	97.9%	0.1%	0.0%	95.8%	5.2%	91.3%	6.4%	0.0%	99.8%	38.8%	31.5%	13.2%	99.7%	0.0%
Oklahoma	OK	Rural	1,274,377	96.7%	58.6%	52.8%	52.8%	0.3%	0.0%	19.6%	1.2%	18.5%	5.2%	0.0%	93.8%	25.5%	21.0%	5.8%	91.3%	0.1%
Oklahoma	OK	Urban	2,363,957	100.0%	97.7%	95.2%	95.2%	0.0%	0.7%	90.5%	4.4%	86.4%	0.9%	0.0%	99.1%	35.4%	35.0%	0.4%	98.7%	0.1%
Oregon	OR	Rural	792,530	96.2%	82.9%	76.6%	76.2%	28.0%	13.7%	42.9%	25.8%	19.0%	5.8%	0.0%	87.0%	48.7%	39.3%	9.4%	84.7%	0.0%
Oregon	OR	Urban	3,015,524	100.0%	98.8%	96.1%	92.1%	54.8%	73.9%	83.5%	74.4%	9.3%	41.1%	0.0%	100.0%	81.1%	76.8%	4.3%	100.0%	0.0%
Pennsylvania	PA	Rural	2,966,746	98.1%	91.6%	71.8%	71.4%	0.8%	5.4%	73.6%	40.4%	36.7%	10.0%	0.0%	88.5%	8.1%	2.0%	6.1%	87.8%	0.0%
Pennsylvania	PA	Urban	9,469,216	100.0%	99.0%	86.2%	86.2%	36.4%	53.1%	95.5%	72.3%	27.4%	35.9%	0.0%	99.8%	18.8%	15.9%	11.7%	99.8%	0.0%
Puerto Rico	PR	Rural	2,666,671	50.2%	35.9%	32.1%	32.1%	0.0%	0.0%	9.5%	0.0%	9.5%	0.0%	0.0%	41.3%	0.0%	0.0%	0.0%	41.3%	0.0%
Puerto Rico	PR	Urban	1,300,658	99.0%	94.1%	92.3%	92.3%	0.0%	0.0%	35.2%	0.0%	35.2%	0.0%	0.0%	95.2%	0.0%	0.0%	0.0%	95.2%	0.0%
Rhode Island	RI	Rural	97,711	99.9%	97.4%	77.5%	77.5%	1.5%	8.9%	92.8%	0.0%	92.8%	51.2%	0.0%	99.2%	0.0%	0.0%	0.0%	99.2%	93.1%
Rhode Island	RI	Urban	965,903	100.0%	99.9%	95.4%	95.4%	47.0%	71.9%	99.4%	0.1%	99.4%	77.2%	0.0%	99.8%	0.0%	0.0%	0.0%	99.8%	98.9%
South Carolina	SC	Rural	1,761,489	98.2%	82.2%	72.0%	72.0%	0.0%	0.0%	56.7%	5.8%	52.2%	3.2%	0.0%	94.4%	6.7%	6.7%	0.0%	94.2%	0.0%
South Carolina	SC	Urban	2,717,142	100.0%	98.8%	92.3%	92.3%	0.0%	0.0%	95.0%	6.7%	88.9%	2.3%	0.0%	99.4%	4.7%	4.7%	0.0%	99.4%	0.0%
South Dakota	SD	Rural	376,414	98.5%	86.5%	73.2%	73.2%	1.1%	1.5%	34.2%	23.6%	10.7%	27.7%	0.0%	95.6%	36.2%	34.1%	2.1%	95.4%	0.0%
South Dakota	SD	Urban	426,069	100.0%	100.0%	97.9%	97.9%	27.6%	49.5%	92.2%	89.2%	3.0%	83.3%	0.0%	99.9%	63.0%	58.8%	4.2%	99.9%	0.0%
Tennessee	TN	Rural	2,289,197	97.4%	83.7%	72.5%	72.5%	0.0%	0.0%	59.8%	0.0%	59.8%	3.6%	0.0%	92.6%	15.5%	14.7%	0.8%	92.6%	0.0%
Tennessee	TN	Urban	3,957,214	100.0%	99.5%	97.5%	97.5%	0.0%	0.0%	97.2%	0.0%	97.2%	9.4%	0.0%	99.9%	30.3%	11.2%	19.1%	99.9%	0.0%
Texas	TX	Rural	4,326,067	97.6%	65.3%	57.1%	57.1%	0.1%	0.0%	29.2%	2.4%	27.4%	1.9%	0.0%	95.0%	58.7%	53.6%	40.5%	93.1%	0.0%
Texas	TX	Urban	20,216,340	100.0%	98.0%	94.1%	94.1%	0.0%	0.0%	84.5%	7.2%	77.6%	0.7%	0.0%	99.8%	88.5%	56.8%	84.2%	99.7%	0.0%
Utah	UT	Rural	307,271	95.8%	79.6%	65.6%	64.7%	2.2%	17.0%	28.6%	18.1%	10.6%	9.4%	0.0%	90.8%	38.6%	34.7%	6.7%	90.3%	0.0%
Utah	UT	Urban	2,425,015	100.0%	99.3%	92.2%	91.9%	39.5%	73.5%	94.2%	87.7%	7.3%	48.2%	0.0%	99.9%	91.7%	89.9%	3.5%	99.9%	0.0%
Virginia	VA	Rural	2,159,349	88.1%	80.3%	70.8%	70.8%	0.0%	4.8%	57.1%	14.8%	45.0%	2.8%	0.0%	61.1%	3.1%	2.1%	1.0%	58.8%	0.1%
Virginia	VA	Urban	5,724,695	99.9%	99.3%	91.2%	91.2%	0.0%	17.0%	97.0%	57.9%	40.0%	12.5%	0.0%	98.0%	0.4%	0.1%	0.3%	97.9%	1.2%
Virgin Islands of the U	VI	Rural	35,400	72.9%	51.0%	51.0%	51.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	61.7%	44.9%	50.4%	0.0%	0.0%	0.0%
Virgin Islands of the U	VI	Urban	73,199	100.0%	99.0%	99.0%	99.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.9%	97.9%	94.7%	0.0%	0.0%	0.0%
Vermont	VT	Rural	384,377	97.8%	90.7%	85.7%	85.7%	0.0%	0.0%	73.8%	0.0%	73.8%	2.2%	0.0%	80.7%	31.7%	31.7%	0.0%	71.9%	0.0%
Vermont	VT	Urban	237,143	100.0%	99.0%	97.6%	97.6%	0.0%	0.0%	99.0%	0.0%	99.0%	25.5%	0.0%	99.6%	26.8%	26.8%	0.0%	99.5%	0.0%
Washington	WA	Rural	1,208,918	97.4%	79.4%	67.7%	67.5%	0.8%	9.6%	50.8%	29.0%	24.4%	7.1%	0.0%	93.2%	44.1%	44.0%	0.9%	88.5%	0.0%
Washington	WA	Urban	5,381,330	100.0%	99.2%	95.1%	95.1%	32.4%	65.2%	96.3%	76.7%	28.2%	15.5%	0.0%	99.8%	29.3%	29.3%	0.2%	99.8%	0.2%
Wisconsin	WI	Rural	1,825,953	98.9%	77.7%	66.3%	66.3%	0.0%	0.1%	38.7%	0.6%	38.0%	2.9%	0.0%	96.1%	6.6%	6.5%	0.1%	96.1%	0.0%
Wisconsin	WI	Urban	3,825,905	100.0%	96.1%	92.5%	92.5%	0.0%	0.4%	92.4%	1.1%	91.4%	1.0%	0.0%	100.0%	6.9%	6.5%	0.3%	100.0%	0.0%
West Virginia	WV	Rural	993,323	74.8%	61.8%	47.4%	47.4%	0.0%	0.0%	47.9%	22.9%	27.8%	0.2%	0.0%	51.7%	0.2%	0.2%	0.0%	51.7%	0.0%
West Virginia	WV	Urban	810,400	99.5%	95.1%	87.8%	87.8%	0.0%	0.2%	90.9%	60.9%	40.7%	0.1%	0.0%	95.9%	0.7%	0.7%	0.0%	95.9%	0.0%
Wyoming	WY	Rural	187,106	93.1%	57.6%	53.4%	48.7%	8.8%	0.0%	20.6%	0.0%	20.6%	3.3%	0.0%	87.7%	21.2%	21.2%	0.0%	87.4%	0.0%
Wyoming	WY	Urban	335,095	100.0%	97.3%	93.5%	93.5%	3.5%	0.0%	93.7%	0.0%	93.7%	5.4%	0.0%	100.0%	35.5%	35.5%	0.0%	100.0%	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	67,224,943	97.1%	91.4%	79.1%	62.0%	42.7%	26.3%	15.2%	7.9%	81.9%	46.5%	11.6%	2.6%	0.4%	0.1%	0.0%	0.0%	93.9%	74.6%	49.1%	28.0%	13.6%	6.2%	3.0%	1.7%
NATIONWIDE		Urban	243,181,422	100.0%	99.8%	99.0%	96.3%	88.9%	69.0%	46.0%	26.1%	98.9%	89.2%	37.2%	11.8%	2.4%	0.9%	0.5%	0.2%	99.8%	97.7%	91.2%	77.6%	46.4%	25.1%	11.1%	6.0%
Alabama	AL	Rural	2,046,152	98.7%	88.2%	65.4%	39.1%	16.3%	3.4%	0.6%	0.0%	82.7%	39.4%	4.3%	0.2%	0.0%	0.0%	0.0%	0.0%	96.8%	62.0%	30.4%	12.5%	1.7%	0.0%	0.0%	0.0%
Alabama	AL	Urban	2,596,703	100.0%	99.9%	98.5%	90.9%	65.2%	21.8%	2.8%	0.1%	98.1%	88.7%	27.2%	4.2%	0.0%	0.0%	0.0%	0.0%	100.0%	95.2%	79.3%	52.6%	2.3%	0.0%	0.0%	0.0%
Alaska	AK	Rural	242,368	74.3%	52.9%	37.9%	9.7%	0.0%	0.0%	0.0%	0.0%	58.2%	21.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	65.1%	44.7%	12.2%	8.7%	0.0%	0.0%	0.0%	0.0%
Alaska	AK	Urban	456,792	99.3%	90.2%	80.6%	63.1%	0.0%	0.0%	0.0%	0.0%	99.1%	16.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	93.6%	88.7%	70.0%	58.9%	0.0%	0.0%	0.0%	0.0%
Arizona	AZ	Rural	812,557	100.0%	100.0%	91.3%	73.2%	53.4%	43.0%	34.0%	24.8%	61.0%	23.5%	8.2%	0.7%	0.1%	0.0%	0.0%	0.0%	90.4%	54.9%	42.7%	35.2%	23.8%	11.6%	1.3%	0.3%
Arizona	AZ	Urban	5,827,580	100.0%	100.0%	99.7%	97.9%	92.8%	89.1%	86.4%	85.3%	96.7%	88.3%	75.1%	31.7%	2.8%	0.6%	0.1%	0.0%	99.6%	90.9%	87.1%	85.9%	84.2%	74.2%	37.4%	11.5%
Arkansas	AR	Rural	1,327,277	100.0%	100.0%	99.7%	93.9%	65.1%	37.0%	18.6%	8.2%	83.0%	32.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	98.7%	63.8%	34.0%	16.8%	6.2%	0.4%	0.0%	0.0%
Arkansas	AR	Urban	1,534,788	100.0%	100.0%	100.0%	99.9%	96.8%	86.3%	55.6%	14.3%	98.9%	89.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	90.1%	71.5%	44.6%	11.2%	0.5%	0.0%	0.0%
California	CA	Rural	2,126,718	98.5%	91.9%	82.4%	64.3%	39.9%	19.9%	9.2%	4.0%	64.2%	26.1%	2.4%	0.2%	0.0%	0.0%	0.0%	0.0%	96.8%	85.9%	73.3%	52.0%	22.2%	8.8%	4.4%	1.5%
California	CA	Urban	35,146,813	100.0%	99.9%	98.2%	91.5%	49.8%	14.3%	5.6%	98.0%	77.2%	11.1%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	99.9%	99.3%	98.7%	95.3%	50.3%	6.4%	3.1%	0.5%
Colorado	CO	Rural	782,805	99.7%	97.1%	89.2%	75.0%	56.4%	38.9%	23.2%	12.2%	81.7%	33.1%	12.1%	0.4%	0.0%	0.0%	0.0%	0.0%	98.9%	92.8%	77.5%	53.2%	33.3%	13.1%	3.3%	0.0%
Colorado	CO	Urban	4,129,198	100.0%	100.0%	99.8%	98.3%	93.9%	91.6%	85.8%	80.5%	99.4%	89.7%	78.7%	4.9%	0.5%	0.0%	0.0%	0.0%	100.0%	99.9%	98.1%	92.5%	86.4%	59.4%	3.4%	0.0%
Connecticut	CT	Rural	434,313	100.0%	100.0%	99.9%	98.3%	83.4%	19.0%	1.6%	0.2%	98.5%	86.9%	20.4%	1.8%	0.2%	0.0%	0.0%	0.0%	99.9%	97.1%	85.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Connecticut	CT	Urban	3,092,683	100.0%	100.0%	99.9%	97.0%	51.6%	7.1%	0.6%	99.8%	97.0%	52.1%	7.1%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%	99.9%	98.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Delaware	DE	Rural	195,921	100.0%	100.0%	100.0%	100.0%	99.9%	98.3%	81.3%	33.0%	96.3%	80.5%	10.8%	0.5%	0.0%	0.0%	0.0%	0.0%	100.0%	99.7%	87.2%	27.3%	8.0%	0.0%	0.0%	0.0%
Delaware	DE	Urban	688,916	100.0%	100.0%	100.0%	100.0%	99.9%	95.3%	87.0%	99.6%	97.4%	40.2%	8.2%	1.1%	0.0%	0.0%	0.0%	0.0%	100.0%	95.3%	86.9%	71.2%	32.0%	0.0%	0.0%	0.0%
District of Columbia	DC	Rural	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
District of Columbia	DC	Urban	588,461	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.8%	99.8%	99.7%	96.0%	71.9%	43.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.8%
Florida	FL	Rural	2,219,611	99.9%	97.0%	88.2%	68.9%	42.2%	14.7%	3.4%	0.5%	91.2%	65.5%	12.4%	2.2%	0.1%	0.0%	0.0%	0.0%	99.2%	88.7%	57.3%	21.6%	0.9%	0.0%	0.0%	0.0%
Florida	FL	Urban	16,740,803	100.0%	100.0%	99.3%	96.0%	78.2%	22.9%	5.0%	0.5%	99.3%	92.0%	11.4%	3.3%	0.1%	0.0%	0.0%	0.0%	100.0%	99.5%	94.0%	53.2%	4.1%	0.0%	0.0%	0.0%
Georgia	GA	Rural	2,733,986	100.0%	99.8%	97.1%	85.9%	65.9%	48.1%	32.1%	19.3%	91.5%	61.4%	33.9%	17.4%	2.6%	0.3%	0.0%	0.0%	99.5%	86.3%	52.1%	28.8%	8.6%	5.5%	0.0%	0.0%
Georgia	GA	Urban	7,135,630	100.0%	100.0%	99.6%	98.3%	94.9%	87.5%	80.1%	80.3%	99.5%	94.3%	85.6%	67.8%	9.2%	0.9%	0.2%	0.0%	100.0%	99.3%	93.8%	85.4%	71.5%	3.4%	0.0%	0.0%
Hawaii	HI	Rural	124,737	99.4%	97.9%	94.7%	82.4%	58.1%	7.5%	0.1%	0.0%	87.4%	69.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	99.2%	97.2%	78.4%	8.0%	0.0%	0.0%	0.0%	
Hawaii	HI	Urban	1,180,933	100.0%	100.0%	99.2%	93.5%	67.1%	2.3%	0.0%	0.0%	98.8%	95.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	99.9%	97.0%	67.8%	0.0%	0.0%	0.0%	0.0%
Idaho	ID	Rural	490,279	97.4%	86.6%	68.2%	46.1%	28.3%	18.9%	12.3%	8.2%	69.8%	28.3%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	94.0%	71.6%	50.5%	24.9%	16.6%	12.1%	3.6%	1.2%
Idaho	ID	Urban	1,046,910	100.0%	99.9%	93.6%	89.1%	67.3%	59.6%	54.9%	98.9%	90.5%	3.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	94.7%	90.2%	68.9%	61.5%	56.5%	29.9%	7.7%
Illinois	IL	Rural	1,550,676	99.3%	95.2%	84.6%	68.8%	49.6%	32.5%	19.1%	9.9%	75.0%	31.0%	2.1%	0.1%	0.0%	0.0%	0.0%	0.0%	98.9%	89.6%	70.9%	49.6%	31.5%	20.3%	10.2%	5.7%
Illinois	IL	Urban	11,368,631	100.0%	99.9%	99.2%	97.6%	94.6%	89.0%	79.9%	32.6%	99.7%	91.4%	7.2%	0.0%	0.0%	0.0%	0.0%	0.0%	99.9%	99.2%	96.7%	92.7%	87.7%	79.1%	25.7%	15.0%
Indiana	IN	Rural	1,836,797	99.1%	93.9%	84.4%	68.0%	49.2%	29.8%	14.4%	5.7%	94.4%	75.6%	43.8%	17.0%	5.2%	1.5%	0.2%	0.0%	91.6%	54.8%	18.5%	5.6%	0.5%	0.0%	0.0%	
Indiana	IN	Urban	4,552,673	100.0%	99.8%	98.4%	93.7%	87.1%	71.6%	43.1%	15.7%	99.8%	97.3%	69.6%	40.0%	15.1%	4.1%	0.8%	0.0%	99.2%	86.4%	48.1%	23.9%	0.6%	0.0%	0.0%	
Iowa	IA	Rural	1,113,661	99.9%	95.1%	76.2%	50.4%	29.9%	15.7%	7.5%	3.6%	88.1%	44.8%	8.9%	1.2%	0.0%	0.0%	0.0%	0.0%	97.2%	72.4%	44.3%	19.5%	8.8%	2.9%	0.3%	0.0%
Iowa	IA	Urban	1,873,321	100.0%	99.9%	99.1%	94.4%	84.3%	60.7%	53.2%	37.1%	100.0%	98.5%	56.1%	10.2%	0.1%	0.0%	0.0%	0.0%	99.6%	92.6%	79.2%	59.4%	46.8%	17.0%	3.3%	0.0%
Kansas	KS	Rural	763,106	99.7%	96.0%	81.8%	59.6%	40.5%	24.7%	13.2%	5.3%	78.5%	29.2%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.0%	85.2%	62.1%	40.8%	26.5%	15.2%	6.0%	1.3%
Kansas	KS	Urban	2,018,346	100.0%	100.0%	99.7%	95.6%	90.5%	77.4%	39.8%	24.8%	99.1%	93.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	99.8%	98.7%	92.7%	81.9%	73.2%	37.1%	22.2%	10.7%
Kentucky	KY	Rural	1,915,856	98.4%	86.6%	56.6%	26.3%	14.0%	5.4%	0.4%	0.0%	81.5%	26.1%	2.5%	0.2%	0.0%	0.0%	0.0%	0.0%	95.3%	49.3%	23.7%	13.5%	5.5%	0.9%	0.0%	0.0%
Kentucky	KY	Urban	2,358,095	100.0%	99.4%	90.8%	79.1%	68.3%	54.7%	8.8%	0.5%	98.0%	43.4%	3.2%	0.1%	0.0%	0.0%	0.0%	0.0%	99.5%	88.9%	76.9%	69.8%	58.8%	17.7%	0.0%	0.0%
Louisiana	LA	Rural	1,297,081	98.0%	86.1%	68.8%	52.1%	36.1%	17.0%	5.1%	0.2%	89.4%	62.6%	32.6%	5.3%	0.1%	0.0%	0.0%	0.0%	88.8%	61.6%	43.3%	17.3%	2.6%	0.1%	0.0%	
Louisiana	LA	Urban	3,056,115	100.0%	99.1%	96.5%	87.5%	71.2%	53.8%	28.9%	3.4%	99.8%	95.0%	64.7%	28.2%	0.9%	0.0%	0.0%	0.0%	98.1%	92.3%	84.7%	55.1%	5.2%	0.0%	0.0%	
Maine	ME	Rural	798,043	100.0%	99.9%	99.8%	99.4%	97.4%	88.1%	73.9%	53.1%	95.4%	76.9%	57.1%	28.6%	4.8%	0.4%	0.0%	0.0%	99.5%	97.4%	77.1%	37.0%	5.0%	0.0%	0.0%	
Maine	ME	Urban	525,403	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.2%	98.0%	99.8%	98.3%	97.9%	92.0%	8.3%	0.4%	0.0%	0.0%	100.0%	100.0%	95.3%	67.2%	28.1%	0.0%	0.0%	
Maryland	MD	Rural	827,437	100.0%	100.0%	100.0%	99.8%	98.6%	93.6%	77.3%	44.7%	93.8%	66.6%	22.2%	1.7%	0.1%	0.0%	0.0%	0.0%	97.1%	93.8%	87.2%	38.1%	23.1%	8.6%	0.5%	0.0%
Maryland	MD	Urban	4,898,593	100.0%	100.0%	100.0%	100.0%	99.9%	99.0%	97.8%																	

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	67,224,943	97.1%	91.4%	79.1%	62.0%	42.7%	26.3%	15.2%	7.9%	81.9%	46.5%	11.6%	2.6%	0.4%	0.1%	0.0%	0.0%	93.9%	74.6%	49.1%	28.0%	13.6%	6.2%	3.0%	1.7%
NATIONWIDE		Urban	243,181,422	100.0%	99.8%	99.0%	96.3%	88.9%	69.0%	46.0%	26.1%	98.9%	89.2%	37.2%	11.8%	2.4%	0.9%	0.5%	0.2%	99.8%	97.7%	91.2%	77.6%	46.4%	25.1%	11.1%	6.0%
Nevada	NV	Rural	221,726	97.4%	88.5%	76.9%	55.9%	44.4%	28.9%	21.2%	15.7%	74.0%	29.9%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	93.8%	85.0%	59.5%	45.4%	29.2%	21.8%	14.9%	9.6%
Nevada	NV	Urban	2,499,412	100.0%	100.0%	99.9%	97.9%	96.1%	93.5%	91.6%	88.9%	99.5%	92.8%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	99.9%	97.8%	95.0%	92.5%	91.7%	89.1%	75.2%
New Hampshire	NH	Rural	551,929	99.3%	97.7%	93.3%	81.6%	59.1%	29.5%	12.2%	3.3%	93.7%	67.1%	11.8%	1.1%	0.0%	0.0%	0.0%	0.0%	99.0%	95.4%	75.6%	33.4%	7.1%	0.3%	0.0%	0.0%
New Hampshire	NH	Urban	784,283	100.0%	100.0%	100.0%	99.4%	95.5%	84.3%	58.4%	37.4%	99.8%	97.3%	56.8%	8.7%	0.0%	0.0%	0.0%	0.0%	100.0%	99.9%	96.6%	84.0%	37.1%	0.0%	0.0%	0.0%
New Jersey	NJ	Rural	510,398	100.0%	99.9%	99.8%	97.6%	83.7%	44.1%	12.1%	0.6%	98.5%	91.8%	31.8%	6.1%	0.4%	0.1%	0.0%	0.0%	100.0%	99.8%	88.8%	69.8%	18.6%	0.0%	0.0%	0.0%
New Jersey	NJ	Urban	8,253,905	100.0%	100.0%	100.0%	99.1%	96.5%	83.9%	21.2%	1.6%	99.8%	98.7%	77.1%	8.1%	0.5%	0.1%	0.0%	0.0%	100.0%	100.0%	98.4%	95.9%	20.5%	0.0%	0.0%	0.0%
New Mexico	NM	Rural	486,517	93.6%	69.8%	44.5%	28.3%	12.6%	7.2%	2.2%	0.0%	63.8%	28.8%	5.6%	0.4%	0.0%	0.0%	0.0%	0.0%	86.4%	48.3%	18.8%	7.2%	0.0%	0.0%	0.0%	0.0%
New Mexico	NM	Urban	1,511,411	100.0%	98.5%	95.4%	86.3%	69.0%	61.4%	46.8%	0.4%	97.1%	88.7%	55.3%	2.1%	0.0%	0.0%	0.0%	0.0%	99.6%	88.9%	70.9%	55.7%	0.0%	0.0%	0.0%	0.0%
New York	NY	Rural	2,422,450	99.7%	93.6%	78.2%	55.4%	26.9%	9.6%	3.6%	1.5%	93.0%	65.3%	6.8%	0.5%	0.0%	0.0%	0.0%	0.0%	97.9%	77.4%	49.6%	19.0%	4.7%	2.1%	0.0%	0.0%
New York	NY	Urban	16,945,181	100.0%	100.0%	99.4%	97.8%	93.1%	82.5%	29.3%	9.1%	99.7%	98.4%	72.8%	22.4%	4.2%	0.9%	0.4%	0.2%	100.0%	99.4%	96.7%	91.2%	14.2%	5.7%	0.0%	0.0%
North Carolina	NC	Rural	3,628,287	99.4%	94.8%	84.3%	64.8%	37.5%	19.8%	8.4%	1.0%	92.9%	67.3%	13.7%	1.0%	0.2%	0.0%	0.0%	0.0%	96.9%	76.2%	40.7%	23.0%	10.3%	1.3%	0.0%	0.0%
North Carolina	NC	Urban	5,630,139	100.0%	100.0%	99.5%	96.8%	84.5%	69.2%	48.8%	1.3%	99.7%	92.7%	43.0%	0.7%	0.0%	0.0%	0.0%	0.0%	100.0%	98.2%	85.5%	74.3%	55.8%	1.1%	0.0%	0.0%
North Dakota	ND	Rural	278,969	99.9%	98.3%	86.6%	45.8%	18.1%	8.9%	2.9%	0.7%	77.4%	31.0%	2.5%	0.7%	0.0%	0.0%	0.0%	0.0%	99.3%	95.5%	49.7%	19.8%	4.0%	0.0%	0.0%	0.0%
North Dakota	ND	Urban	355,458	100.0%	100.0%	100.0%	99.7%	76.8%	50.8%	41.9%	6.9%	100.0%	96.0%	34.6%	6.9%	0.1%	0.0%	0.0%	0.0%	100.0%	100.0%	79.3%	50.2%	41.4%	0.0%	0.0%	0.0%
Ohio	OH	Rural	2,679,058	99.2%	95.1%	86.5%	73.4%	50.8%	30.5%	15.4%	5.4%	89.8%	61.1%	6.1%	0.2%	0.0%	0.0%	0.0%	0.0%	98.0%	87.1%	68.5%	45.5%	24.3%	10.7%	3.0%	0.7%
Ohio	OH	Urban	8,799,083	100.0%	100.0%	99.5%	97.6%	88.5%	60.0%	40.3%	12.5%	99.7%	95.3%	29.2%	0.4%	0.0%	0.0%	0.0%	0.0%	100.0%	98.8%	95.1%	86.3%	52.6%	25.3%	9.1%	4.8%
Oklahoma	OK	Rural	1,274,377	98.7%	87.5%	71.2%	55.6%	38.3%	22.2%	8.6%	1.2%	61.4%	16.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	96.7%	80.3%	61.8%	46.6%	29.2%	13.9%	2.3%	0.0%
Oklahoma	OK	Urban	2,363,957	100.0%	99.3%	97.6%	94.2%	87.3%	78.3%	65.4%	29.5%	98.0%	88.8%	1.5%	0.1%	0.0%	0.0%	0.0%	0.0%	99.1%	96.6%	90.6%	84.8%	74.8%	66.7%	25.0%	0.0%
Oregon	OR	Rural	792,530	100.0%	100.0%	99.0%	93.0%	82.8%	72.3%	63.0%	50.8%	87.5%	58.3%	29.6%	11.0%	3.7%	0.6%	0.1%	0.0%	97.3%	82.9%	69.5%	52.0%	37.5%	25.9%	17.4%	8.1%
Oregon	OR	Urban	3,015,524	100.0%	100.0%	99.9%	99.2%	97.2%	95.2%	91.4%	98.8%	92.9%	82.0%	66.3%	48.6%	34.5%	2.0%	2.3%	100.0%	98.7%	96.9%	90.4%	84.3%	76.3%	69.3%	22.1%	
Pennsylvania	PA	Rural	2,966,746	99.3%	91.3%	75.0%	53.1%	35.8%	17.5%	6.1%	1.4%	93.4%	62.9%	15.2%	2.1%	0.2%	0.0%	0.0%	0.0%	95.0%	65.3%	48.3%	23.9%	8.7%	1.9%	0.1%	0.0%
Pennsylvania	PA	Urban	9,469,216	100.0%	99.2%	95.1%	90.8%	84.8%	72.5%	58.5%	33.9%	99.0%	89.5%	49.7%	5.1%	0.3%	0.0%	0.0%	0.0%	99.9%	93.3%	89.3%	80.3%	67.7%	36.1%	9.3%	0.0%
Rhode Island	RI	Rural	97,711	100.0%	100.0%	99.3%	94.2%	70.1%	7.7%	0.9%	0.1%	99.3%	88.5%	9.2%	1.0%	0.0%	0.0%	0.0%	0.0%	100.0%	96.8%	69.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Rhode Island	RI	Urban	965,903	100.0%	100.0%	99.9%	99.6%	96.6%	76.3%	52.9%	3.8%	99.9%	99.4%	76.4%	55.9%	3.8%	0.0%	0.0%	0.0%	100.0%	99.6%	92.9%	0.0%	0.0%	0.0%	0.0%	0.0%
South Carolina	SC	Rural	1,761,489	99.7%	96.6%	82.0%	57.0%	20.0%	2.7%	0.7%	0.2%	85.7%	50.0%	5.2%	0.2%	0.0%	0.0%	0.0%	0.0%	99.4%	82.5%	46.2%	12.7%	0.7%	0.0%	0.0%	0.0%
South Carolina	SC	Urban	2,717,142	100.0%	100.0%	99.3%	94.4%	42.0%	8.6%	4.8%	0.0%	98.8%	88.1%	5.6%	0.1%	0.0%	0.0%	0.0%	0.0%	100.0%	98.0%	87.4%	34.5%	4.8%	0.0%	0.0%	0.0%
South Dakota	SD	Rural	376,414	99.5%	97.3%	82.9%	44.8%	23.8%	12.7%	8.3%	4.8%	89.5%	25.5%	9.2%	2.1%	0.2%	0.0%	0.0%	0.0%	98.6%	86.5%	38.7%	16.5%	8.6%	5.3%	0.0%	0.0%
South Dakota	SD	Urban	426,069	100.0%	100.0%	99.2%	97.5%	92.0%	66.8%	48.5%	39.2%	100.0%	89.8%	79.7%	45.0%	1.0%	0.0%	0.0%	0.0%	100.0%	99.2%	65.9%	51.9%	37.8%	36.3%	8.9%	0.0%
Tennessee	TN	Rural	2,289,197	99.7%	94.6%	78.4%	54.5%	28.9%	13.8%	4.2%	0.7%	89.8%	56.9%	7.0%	0.3%	0.0%	0.0%	0.0%	0.0%	99.0%	70.8%	39.3%	20.6%	8.5%	2.5%	0.0%	0.0%
Tennessee	TN	Urban	3,957,214	100.0%	99.9%	99.7%	97.0%	87.0%	78.4%	50.6%	2.6%	99.6%	96.0%	12.2%	0.4%	0.0%	0.0%	0.0%	0.0%	100.0%	97.6%	90.0%	79.6%	65.5%	44.6%	0.0%	0.0%
Texas	TX	Rural	4,326,067	99.0%	94.5%	85.7%	74.7%	62.7%	48.8%	36.9%	26.0%	72.8%	29.0%	4.1%	0.8%	0.1%	0.0%	0.0%	0.0%	97.8%	89.4%	78.2%	66.6%	51.7%	39.0%	27.4%	18.6%
Texas	TX	Urban	20,216,340	100.0%	99.9%	97.6%	94.2%	89.1%	78.9%	46.6%	98.1%	83.1%	7.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	99.9%	99.2%	97.6%	94.1%	90.8%	80.2%	44.6%	29.6%
Utah	UT	Rural	307,271	100.0%	100.0%	100.0%	98.2%	88.7%	63.9%	49.1%	38.4%	82.3%	32.4%	11.2%	5.8%	1.0%	0.0%	0.0%	0.0%	95.2%	66.3%	46.8%	35.7%	25.7%	15.6%	12.0%	6.5%
Utah	UT	Urban	2,425,015	100.0%	100.0%	100.0%	100.0%	99.9%	98.6%	96.5%	93.8%	99.3%	95.0%	77.6%	58.6%	7.8%	1.2%	0.2%	0.0%	99.9%	97.9%	94.8%	92.2%	87.6%	82.5%	79.2%	65.6%
Vermont	VT	Rural	384,377	100.0%	100.0%	100.0%	98.8%	95.1%	87.6%	77.3%	59.4%	90.7%	79.5%	55.5%	6.8%	0.3%	0.0%	0.0%	0.0%	94.1%	77.5%	51.4%	24.1%	2.8%	0.0%	0.0%	0.0%
Vermont	VT	Urban	237,143	100.0%	100.0%	100.0%	100.0%	99.8%	99.1%	96.2%	99.0%	98.0%	94.1%	40.0%	4.1%	0.0%	0.0%	0.0%	0.0%	100.0%	99.2%	88.1%	69.2%	7.1%	0.2%	0.0%	0.0%
Virginia	VA	Rural	2,159,349	93.9%	80.5%	57.9%	37.4%	12.2%	2.4%	0.0%	0.0%	88.3%	59.0%	11.7%	1.0%	0.1%	0.0%	0.0%	0.0%	73.2%	47.3%	6.9%	0.0%	0.0%	0.0%	0.0%	
Virginia	VA	Urban	5,724,695	99.9%	97.7%	97.9%	93.8%	78.6%	20.7%	0.1%	0.0%	99.4%	96.9%	54.4%	1.1%	0.0%	0.0%	0.0%	0.0%	98.5%	95.3%	47.3%	0.0%	0.0%	0.0%	0.0%	
Washington	WA	Rural	1,208,918	99.3%	95.6%	89.5%	76.9%	58.5%	43.4%	28.2%	14.8%	85.9%	51.0%	15.7%	3.2%	0.3%	0.2%	0.1%	0.1%	98.5%	90.3%	77.0%	52.4%	31.8%	13.1%	8.0%	3.7%
Washington	WA	Urban	5,381,330	100.0%	100.0%	99.9%	99.0%	95.1%	91.5%	84.4%	63.0%	99.5%	95.3%	67.1%	17.4%	2.7%	0.4%	0.1%	0.0%	100.0%	99.7%	98.8%	92.6%	83.7%	20.7%	13.1%	10.3%
West Virginia	WV	Rural	993,233	83.1%	64.9%	47.9%	33.4%	15.9%	4.5%	0.4%	0.0%	68.6%	43.9%	13.0%	2.1%	0.0%	0.0%	0.0%	0.0%	65.0%	47.0%	25.3%	8.0%	0.0%	0.0%	0.0%	
West Virginia	WV	Urban	810,400	99.6%	97.5%	91.8%																					