

MINUTES OF THE HOUSE ENERGY AND UTILITIES COMMITTEE

The meeting was called to order by Chairman Carl Holmes at 9:00 A.M. on March 2, 2011, in Room 785 of the Docking State Office Building.

All members were present except:

Representative Rob Bruchman-excused
Representative Don Hineman-excused
Representative Mike Slattery-excused

Committee staff present:

Matt Sterling, Office of the Revisor of Statutes
Cindy Lash, Kansas Legislative Research Department
Corey Carnahan, Kansas Legislative Research Department
Rena Hansen, Committee Assistant

Conferees appearing before the Committee:

Stan Adams, Department of Commerce Rural Development

Others attending:

Twenty-one including the attached list.

Informational hearing on Kansas Broadband initiatives.

Stan Adams, Department of Commerce, (Attachment 1), spoke to the committee about their broadband mapping and planning grant; where Kansas has been and where Kansas plans to go. They shared data that has been collected, they set the stage for a technical demonstration of the broadband map by Connected Nation.

Brent Lagg, Connect Kansas, Connected Nation, (Attachment 2), presented a power point on the broadband initiative in Kansas. He spoke about the objectives of the program, noting the website, www.broadbandmap.gov, that allows consumers all over the country to see what kind of broadband service is available at their address location. He handed out information to each committee member giving specific information to them about their own district. He spent time demonstrating the Kansas webpage, www.connectkansas.org and explaining what the data on the system can express. He further went on to break down statistically the users and non users of the internet in Kansas and the demographic break down of the usage of technology.

The committee also received information on:

- Estimated Availability of Broadband Service by County (Attachment 3)
- Broadband Statistics Report (Attachment 4)

Questions were asked and comments made by Representatives: Phil Hermanson, Vern Swanson, Reynaldo Mesa, Annie Kuether, Tom Sloan, Mike Burgess, Carl Holmes, Nile Dillmore, and Gail Finney.

The next meeting is scheduled for March 3, 2011.

The meeting was adjourned at 10:31 A.M.

HOUSE ENERGY AND UTILITIES COMMITTEE

GUEST LIST

DATE: March 2, 2011

NAME	REPRESENTING
Sarah Green	KDA
Mark [unclear]	NTT
Tom Frankel	STT
[unclear]	KFB
Craig Grant	Kan Ren
Mandy [unclear]	JCOLS
Mike Huttles	KRITC
Brent Legg	Connect Kansas
Adam Highley	Connect Kansas
Scott Jones	KCR
George St. Clair	att
Mike Regan	Sprint
Dave Hollands	Kec
TED Henry	CS.
Dina Fisk	Verizon

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Pat George, Secretary

Department of Commerce

Sam Brownback, Governor

**House Utilities Committee
Stanley Adams
Broadband Planning Manager, Rural Development Division
Kansas Department of Commerce
March 2, 2011**

Good afternoon Chairman Holmes and members of the committee. Thank you for inviting us here today to update you on the Kansas Broadband initiatives. Work over the past year has given us valuable information that will allow our state to address broadband accessibility issues in un-served and under-served communities. Our goal is to foster economic growth in Kansas by leveraging universal broadband (high speed Internet) availability and adoption, and to provide information for policy decision-making.

Today I will be speaking to you about our Broadband mapping and planning grant; where we have been and where we have plans to go; sharing some of the early data that have been collected; and setting the stage for a technical demonstration of the Broadband map by our mapping designee, Connected Nation.

Where We Have Been

The Department of Commerce has coordinated the state's broadband initiatives since 2009 when we formed planning groups of state agency partners and broadband providers. We began engaging other stakeholders from communities across the state to guide our initial work. Economic development, health care, education and electronic governmental services are key areas of focus.

We received a federal grant under the State Broadband Data Development (SBDD) program in December 2009. This allowed us to really begin our broadband work. Each state received a similar mapping and planning grant. No state dollars have been used to directly fund this effort. Through the federal grant, we began to conduct detailed data collection and research to build an interactive map of broadband service availability. The non-profit organization, Connected Nation, leads our data collection and mapping efforts and launched the interactive map, Broadband Stat. Representatives from Connected Nation will present Broadband Stat to you today as well as explain the data behind the maps.

The initial SBDD grant also funded other broadband planning efforts, including the creation of a senior-level Broadband Task Force last summer, research and surveys to understand the needs of local business and residents, and funding for the recruitment and hiring of a dedicated resource to coordinate the State's broadband efforts and develop an integrated broadband plan – I am pleased to serve in that capacity now and to be able to provide you with this update today.

Our grant also called for convening a statewide Broadband Summit with a goal of building increased awareness of broadband services and the efforts underway, and engaging stakeholders in dialogue across key private and public sectors (i.e., health care, education, government and economic development). The summit was this past

HOUSE ENERGY AND UTILITIES

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ATTACHMENT 1-1

October in Wichita and was attended by more than 200 people. Presentations addressed the key areas of focus previously identified and built on our ability to engage at the regional and local community level. We had a wide range of local, regional and national presenters to take up key broadband issues important to Kansans.

Where We Are Going

The initial grant request, approved for \$2 million, was to cover a period of approximately two years (some elements of the program started immediately, others did not, so the actual window of funding varies slightly). Last fall, the NTIA approved our supplemental grant request for an additional \$4 million. This secondary award, in part, covered the extension of funding programs from the initial grant through 2014. For example, this included additional data collection required to refresh the interactive mapping tool, and provides funding for the broadband manager position.

Secretary George and the staff at the Kansas Department of Commerce are continuing a review process of all previous activity as well as future plans to ensure aspects of the Connect Kansas initiative are working to improve the state of Kansas, particularly un-served areas of rural Kansas.

Mr. Chairman, we still have much work to do as we assess the precise nature of gaps in availability and adoption across the state. What we do know, however, is that too many Kansans, especially in rural communities, still rely on slow, narrowband Internet access or do not use the internet at all. The Kansas Department of Commerce has turned a federal requirement by NTIA to map broadband availability into an opportunity to identify gaps in service.

We look forward to working with you in the future, and to answering any questions you might have.



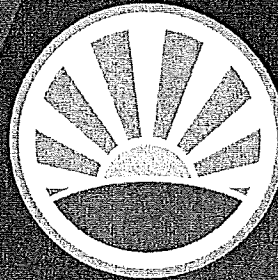
The Connect Kansas Broadband Initiative

Presentation to the
Kansas House of Representatives
Standing Committee on Energy and Utilities

Topeka, KS
March 2, 2011

Brent Legg
Director, Stakeholder Relations & Development
blegg@connectednation.org

Adam Highley
Project Manager
ahighley@connectednation.org



CONNECT
KANSAS

www.connectkansas.org



Who We Are and Why We Exist...

Connect Kansas is a subsidiary non-profit of Connected Nation, a national 501(c)(3) organization with primary offices in Washington, DC and Bowling Green, KY. Connected Nation's mission is to generate and support economic development by launching public/private partnerships that focus on:

- 1) expanding broadband availability and
- 2) increasing the adoption of broadband and related technology

Connect Kansas was established to serve as the state's partner in accomplishing these goals.

Under NTIA's State Broadband Data & Development (SBDD) grant program, Connect Kansas was awarded an initial \$1.9m grant in November 2009 to cover the project's work for the first two years (2010 and 2011). The SBDD grant program is separate and is governed by different rules than NTIA's BTOP and USDA's BIP broadband infrastructure grant programs.

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Objectives for the Mapping Initiative

1. To form strong working relationships with all of Kansas' broadband providers and support an environment of public/private collaboration on broadband issues among all stakeholders
2. To create, maintain, and validate Kansas' first detailed maps of broadband coverage
3. To utilize the resulting maps to accurately pinpoint any remaining gaps in broadband availability
4. To assess the level of connectivity currently provided to Kansas' "community anchor institutions" (i.e., schools, libraries, hospitals, etc.)
5. To assess broadband use among Kansas' businesses and residents, and identify barriers to broadband adoption
6. To contribute accurate data from the State of Kansas for inclusion in the national broadband map



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Data Collection Process

- Availability data is collected from each Kansas provider. Each provider has an opportunity to approve the generated map of their service area before the information is applied to the aggregated statewide map.
- Per the federal grant program guidelines, data is submitted every six months to the FCC and NTIA at the Census Block level of detail. The next map update will occur on April 1, 2011
- The maps will be continuously updated through at least December 2014 with the approved SBDD funds.
- Connected Nation's Engineering and Research Divisions are undertaking an ongoing process of validating the coverage information reflected on the maps.
 1. On-the-ground field validation of infrastructure (for 100% of broadband providers)
 2. Survey research to "spot-check" coverage
 3. Public feedback via www.connectkansas.org



Kansas Availability Statistics

Number of Providers on Map: 74 (excluding satellite provider)
Number of Providers Submitted to NTIA: 77 (includes middle mile transport providers)
Broadband Definition: At least 768 kbps download/200 kbps upload (FCC Minimum)

Excluding Mobile Broadband

- Households Served: 1,008,367
- Households Unserved: 29,524
- Percentage Served: 97.16%
- Geographic Availability: 74.21%
- Rural Served Households: 445,614
- Rural Unserved Households: 28,032
- Rural Percentage Served: 94.08%

All Service Platforms

- Households Served: 1,035,027
- Households Unserved: 2,864
- Percentage Served: 99.72%
- Rural Households Served: 470,875
- Rural Households Unserved: 2,771
- Rural Percentage Served: 99.41%

Mapping data also can examine availability of different speeds and platforms.



Kansas Availability Statistics

Estimate of Broadband Service Availability in the State of Kansas

By Speed Tier Among Fixed Platforms

Download Speed Tier	Unserved Households	Served Households	Percent of Households By Speed Tier
At Least 768 Kbps	29,524	1,008,367	97.16%
At Least 1.5 Mbps	38,708	999,183	96.27%
At Least 3 Mbps	75,401	962,490	92.74%
At Least 6 Mbps	122,749	915,142	88.17%
At Least 10 Mbps	186,407	851,484	82.04%
At Least 25 Mbps	550,548	487,343	46.96%
At Least 50 Mbps	553,313	484,578	46.69%
At Least 100 Mbps	1,005,796	32,095	3.09%



BroadbandStat Interactive Map: The Nexus Between Mapping and Planning

- The BroadbandStat interactive mapping application represents the nexus between mapping current broadband availability and planning for the future.
- BroadbandStat is a powerful, yet user-friendly and customizable tool that will allow state leaders & the public to:
 - Search for and identify broadband service at a specific address, including available speeds and service providers
 - Understand & track broadband deployment over time
 - Analyze and prioritize unserved and underserved areas using population and household density information
 - Track ARRA-funded broadband projects
 - Build and evaluate scenarios to help prioritize future broadband infrastructure proposals
 - Track broadband adoption rates and barriers to broadband adoption, community by community, across the state.



Kansas BroadbandStat Interactive Map Demonstration

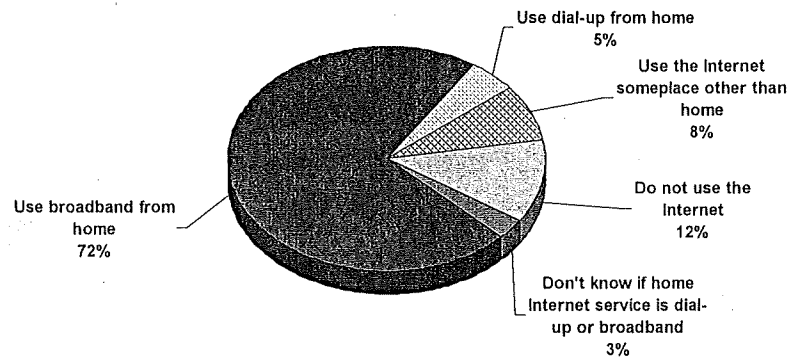
We will cover:

- Map features & tools
- Broadband availability by provider type
- Analysis of unserved areas (availability gaps)
- Community Anchor Institution (CAI) information



Kansas Technology Adoption Summary

Percent of all Kansas residents



Q: Do you have an Internet connection at home?
 Q: Do you have access to the Internet from any locations outside of your own home?
 and
 Q: Which of the following describe the type of Internet service you have at home?
 (n=1,200 KS residents)
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Source: 2010 Connect Kansas
 Residential Technology Assessment
www.connectkansas.org

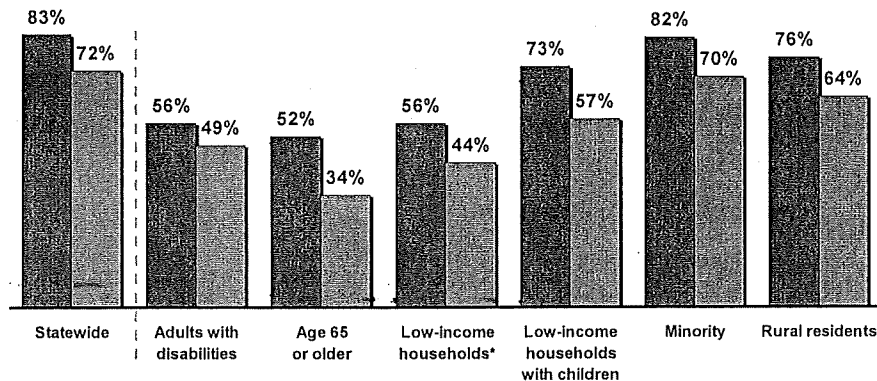
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Technology Adoption by Demographic

■ Computer ownership

■ Broadband adoption



*Low-income=household income less than \$25,000
 Q: Does your household have a computer? and
 Q: Which of the following describe the type of Internet service you have at home?
 (n=1,200 KS residents)

Source: 2010 Connect Kansas
 Residential Technology Assessment
www.connectkansas.org

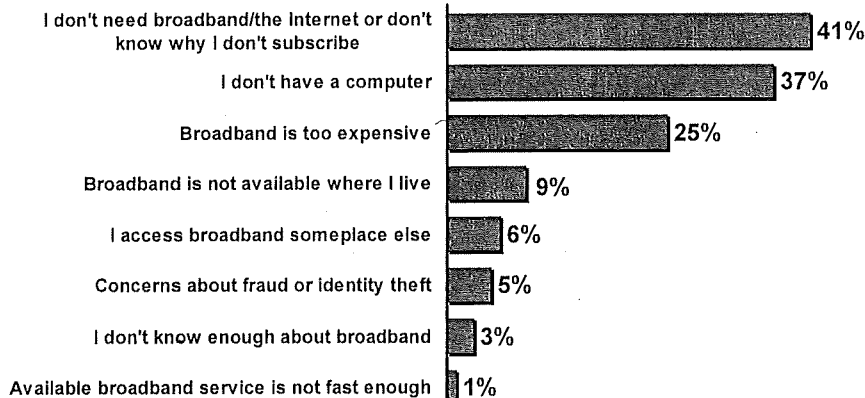
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Barriers to Broadband Adoption

Percent of Kansas residents with no home broadband service*



*Percentages do not add up to 100% because individuals could give multiple responses.

Q: Why don't you subscribe to broadband at home?
(n=348 KS residents who do not have home broadband service)

Source: 2010 Connect Kansas
Residential Technology Assessment
www.connectkansas.org

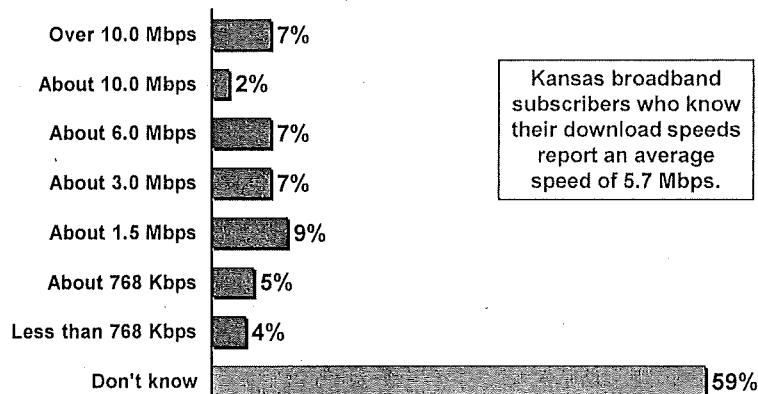
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Broadband Download Speeds

Download speeds among Kansas broadband subscribers



Kansas broadband subscribers who know their download speeds report an average speed of 5.7 Mbps.

Q: To the best of your knowledge, what is the approximate download speed or bandwidth provided by your Internet service provider?
(n=852 KS residents with home broadband service)

Source: 2010 Connect Kansas
Residential Technology Assessment
www.connectkansas.org

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Next Steps

- In late September 2010, Connect Kansas was awarded a supplemental grant of approximately \$4.3m to maintain the broadband maps and continue data validation and research activities in years 2012, 2013, and 2014
- The ongoing maintenance of the map is important to protecting Kansas' interests as the FCC and Congress consider federal Universal Service Fund (USF) Reform.
- Additionally, the supplemental grant award will allow Connect Kansas to work closely with Governor Brownback's administration to launch program activities beyond mapping and research that focus on closing the state's remaining broadband coverage gaps and addressing issues that the Governor has identified as key to improving the state's economy.



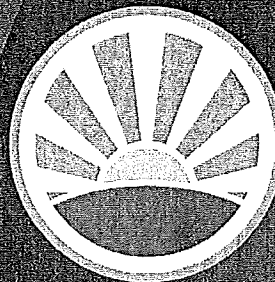
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Estimated Availability of Broadband Service by County

Terrestrial Broadband (Excluding Mobile)

County	Household Density	Number of Households	≥ 768 Kbps Download/ 200 Kbps Upload Speeds	≥ 3Mbps Download Speeds
			Percentage of Households Served	
Allen	11.48	5,775	95.93%	82.70%
Anderson	5.53	3,221	93.03%	72.70%
Atchison	14.51	6,275	96.66%	94.18%
Barber	1.97	2,235	95.62%	91.37%
Barton	12.74	11,393	97.55%	97.27%
Bourbon	9.67	6,161	93.04%	68.09%
Brown	7.57	4,318	95.83%	77.57%
Butler	15.08	21,527	92.48%	80.95%
Chase	1.61	1,246	71.75%	56.44%
Chautauqua	2.8	1,796	66.60%	64.61%
Cherokee	15.12	8,875	96.71%	73.81%
Cheyenne	1.33	1,360	83.85%	56.06%
Clark	1	979	98.99%	90.04%
Clay	5.62	3,617	98.87%	91.61%
Cloud	5.82	4,163	97.39%	93.90%
Coffey	5.54	3,489	89.54%	77.90%
Comanche	1.11	872	97.90%	80.74%
Cowley	12.47	14,039	97.93%	92.83%
Crawford	26.15	15,504	99.55%	85.17%
Decatur	1.67	1,494	79.39%	79.37%
Dickinson	9.32	7,903	98.50%	94.63%
Doniphan	8.09	3,173	89.38%	81.31%
Douglas	84.24	38,486	99.03%	97.91%
Edwards	2.34	1,455	96.35%	77.82%
Elk	2.18	1,412	81.56%	80.17%
Ellis	12.44	11,193	99.17%	97.45%
Ellsworth	3.47	2,481	91.17%	84.41%
Finney	9.95	12,948	99.57%	95.97%
Ford	9.88	10,852	99.93%	93.52%
Franklin	16.47	9,452	86.69%	80.77%
Geary	27.19	10,458	98.45%	98.00%
Gove	1.16	1,245	89.67%	86.88%
Graham	1.41	1,263	60.58%	60.39%
Grant	4.77	2,742	99.97%	99.87%
Gray	2.35	2,045	99.97%	99.53%
Greeley	0.77	602	93.27%	85.44%
Greenwood	2.84	3,234	73.48%	67.77%

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			≥ 768 Kbps Download/ 200 Kbps Upload Speeds	≥ 3Mbps Download Speeds
County	Household Density	Number of Households	Percentage of Households Served	
Hamilton	1.06	1,054	99.99%	99.99%
Harper	3.46	2,773	99.61%	98.46%
Harvey	23.33	12,581	99.81%	95.75%
Haskell	2.57	1,481	99.69%	91.84%
Hodgeman	0.93	796	97.77%	76.36%
Jackson	7.21	4,727	93.68%	72.57%
Jefferson	12.74	6,830	90.82%	80.38%
Jewell	1.86	1,695	93.69%	89.45%
Johnson	366.14	174,570	99.77%	99.48%
Kearny	1.77	1,542	99.88%	98.96%
Kingman	3.9	3,371	96.98%	91.65%
Kiowa	1.89	1,365	96.88%	95.17%
Labette	14.17	9,194	97.72%	77.76%
Lane	1.27	910	99.14%	99.02%
Leavenworth	49.8	23,071	89.83%	87.85%
Lincoln	2.13	1,529	95.81%	93.78%
Linn	6.36	3,807	84.33%	23.62%
Logan	1.16	1,243	96.88%	88.45%
Lyon	16.09	13,691	92.15%	82.46%
McPherson	12.45	11,205	99.40%	86.50%
Marion	5.42	5,114	98.16%	68.76%
Marshall	4.94	4,458	97.99%	70.66%
Meade	1.77	1,728	95.53%	78.82%
Miami	17.97	10,365	88.97%	80.10%
Mitchell	4.07	2,850	97.36%	97.28%
Montgomery	23.1	14,903	94.19%	86.73%
Morris	3.64	2,539	98.35%	97.21%
Morton	1.79	1,306	99.87%	99.87%
Nemaha	5.51	3,959	93.99%	59.11%
Neosho	11.79	6,739	94.62%	72.26%
Ness	1.41	1,516	100.00%	100.00%
Norton	2.58	2,266	75.31%	75.31%
Osage	9.23	6,490	90.59%	89.69%
Osborne	2.17	1,940	99.72%	99.72%
Ottawa	3.37	2,430	98.61%	97.51%
Pawnee	3.63	2,739	98.99%	84.32%
Phillips	2.82	2,496	75.36%	75.36%
Pottawatomie	8.02	6,771	96.69%	92.01%
Pratt	5.39	3,963	91.86%	89.53%
Rawlins	1.19	1,269	75.63%	75.54%

			≥ 768 Kbps Download/ 200 Kbps Upload Speeds	≥ 3Mbps Download Speeds
County	Household Density	Number of Households	Percentage of Households Served	
Reno	20.33	25,498	99.10%	97.93%
Republic	3.57	2,557	97.12%	79.89%
Rice	5.57	4,050	97.07%	89.06%
Riley	36.32	22,137	96.08%	95.67%
Rooks	2.66	2,362	77.70%	73.61%
Rush	2.16	1,548	98.64%	97.10%
Russell	3.63	3,207	99.97%	99.97%
Saline	29.79	21,436	99.79%	99.15%
Scott	2.85	2,045	99.09%	95.71%
Sedgwick	176.55	176,444	99.40%	97.16%
Seward	11.6	7,419	89.71%	88.86%
Shawnee	125.35	68,920	98.90%	98.50%
Sheridan	1.25	1,124	78.59%	78.19%
Sherman	2.61	2,758	97.29%	88.37%
Smith	2.18	1,953	88.52%	88.46%
Stafford	2.54	2,010	76.10%	67.93%
Stanton	1.26	858	100.00%	100.00%
Stevens	2.73	1,988	98.05%	98.05%
Sumner	8.37	9,888	99.80%	99.30%
Thomas	3	3,226	97.78%	88.15%
Trego	1.59	1,412	92.35%	92.21%
Wabaunsee	3.3	2,633	87.35%	79.72%
Wallace	0.74	674	81.19%	71.05%
Washington	2.98	2,673	99.57%	40.89%
Wichita	1.35	967	92.54%	77.69%
Wilson	7.32	4,203	91.44%	80.02%
Woodson	3.28	1,642	86.27%	71.91%
Wyandotte	394.35	59,700	99.14%	99.00%
State Total	12.69	1,037,891	97.16%	92.74%

Report Description:

This report illustrates census tracts in each state with no reported availability for any technology (wireline or wireless), wireline technology and wireless technology. This report also lists individual census tracts with no reported broadband availability, along with their respective household and population counts.

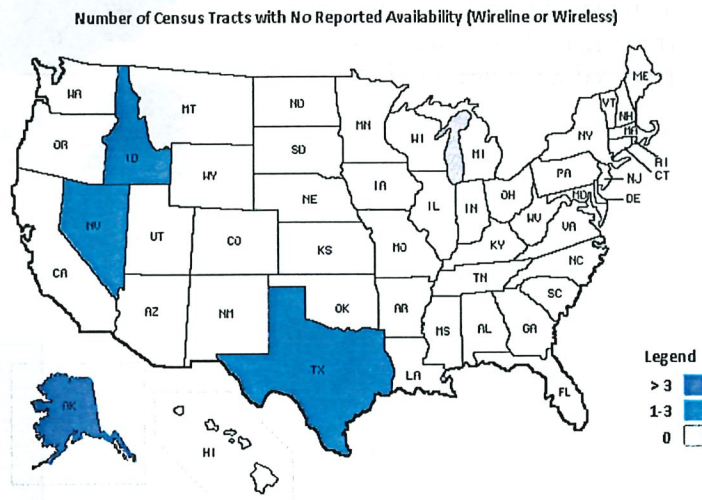
- Data as of June 2011, Report published February 2011

Any Availability

This section illustrates census tracts in each state with no reported availability (wireline or wireless).

Map

This map displays the number of tracts in each state with no availability (wireline or wireless).



Table

This table illustrates the number of census tracts, by state, in which there was no reported availability (wireline or wireless).

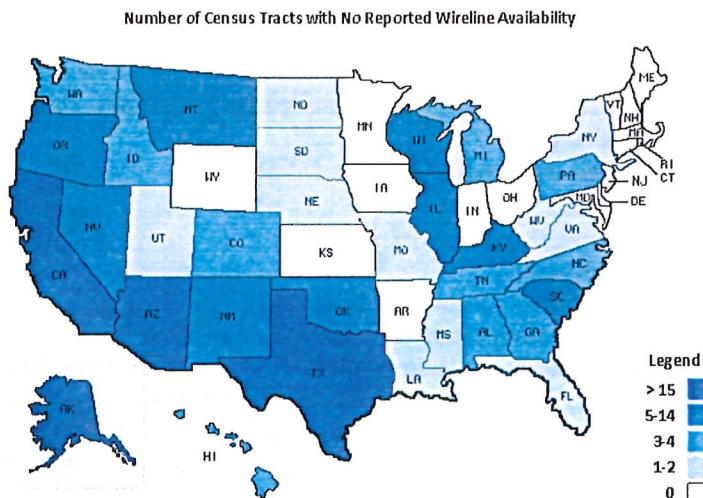
State Name	Number of Tracts with No Availability
Alaska	13
Idaho	2
Nevada	1
Texas	1

Wireline Availability

This section illustrates census tracts in each state with no reported wireline availability.

Map

This map displays the number of tracts in each state with no reported wireline availability.



Table

This table illustrates the number of census tracts, by state, in which there was no reported wireline availability.

State Name	Number of Tracts with No Availability
Alabama	3
Alaska	23
Arizona	28
California	31
Colorado	3
Florida	1
Georgia	3
Hawaii	3
Idaho	4
Illinois	6
Kentucky	6
Louisiana	1
Michigan	4
Mississippi	1
Missouri	2
Montana	5
Nebraska	1
Nevada	5
New Mexico	14
New York	1
North Carolina	3
North Dakota	1
Oklahoma	12
Oregon	6
Pennsylvania	3
South Carolina	5
South Dakota	2
Tennessee	4
Texas	27
Utah	1
Virginia	1
Washington	3
West Virginia	1
Wisconsin	8

This section illustrates census tracts in each state with no reported wireless availability.

This map displays the number of tracts in each state with no reported wireless availability.

Legend

- > 36
- 16-35
- 6-15
- 1-5
- 0

This table illustrates the number of census tracts, by state, in which there was no reported wireless availability.

State Name	Number of Tracts with No Availability
Alaska	28
Arizona	8
California	3
Idaho	3
Illinois	3
Indiana	3
Louisiana	22
Maryland	5
Mississippi	2
Missouri	9
Montana	3
Nebraska	5
Nevada	2
New Mexico	1
New York	1
North Carolina	7
Ohio	1
Oklahoma	12
Pennsylvania	11
Texas	9
Virginia	72
West Virginia	32

Census Tracts with No Availability (Wireline or Wireless)

State Name	County Name	Tract FIPS	Households	Population
Alaska	Bethel	02050000100	2,013	8,784
Alaska	Wade Hampton	02270000100	1,736	7,555
Alaska	Nome	02180000100	1,486	5,648
Alaska	Aleutians West	02016000200	738	4,246
Alaska	Northwest Arctic	02188000100	909	4,178
Alaska	Aleutians East	02013000100	508	2,770
Alaska	Dillingham	02070000200	963	2,695
Alaska	Dillingham	02070000100	610	2,296
Texas	Sabine	48403950100	1,015	2,214
Alaska	Yukon-Koyukuk	02290000300	590	1,776
Alaska	Lake and Peninsula	02164000100	516	1,576
Alaska	Bethel	02050000300	453	1,488
Nevada	Elko	32007940300	378	1,159
Alaska	Bristol Bay	02060000100	390	1,018
Alaska	Yakutat	02282000100	243	699
Idaho	Owyhee	16073940300	80	246
Idaho	Lewis	16061950300	21	56

Census Tracts with No Wireline Availability

State Name	County Name	Tract FIPS	Households	Population	State Name	County Name	Tract FIPS	Households	Population
Alabama	Limestone	01083020300	1,315	3,417	California	Imperial	06025012301	501	6,618
Alabama	Greene	01063060000	638	1,571	California	Kern	06029004302	0	6,164
Alabama	Perry	01105986800	491	1,121	California	Kings	06031001602	0	6,059
Alaska	Bethel	02050000100	2,013	8,784	California	Marin	06041122000	57	6,050
Alaska	Wade Hampton	02270000100	1,736	7,555	California	Riverside	06065046200	1,868	5,521
Alaska	Nome	02180000100	1,486	5,648	California	Tulare	06107000302	1,187	4,972
Alaska	Southeast Fairbanks	02240000200	1,547	4,742	California	Kern	06029006002	0	4,382
Alaska	Aleutians West	02016000200	738	4,246	California	Riverside	06065046103	1,224	3,839
Alaska	Northwest Arctic	02188000100	909	4,178	California	Trinity	06105000300	1,555	3,613
Alaska	Kenai Peninsula	02122000800	1,414	3,663	California	Humboldt	06023010101	1,105	3,484
Alaska	Aleutians East	02013000100	508	2,770	California	Riverside	06065046101	1,158	3,161
Alaska	Dillingham	02070000200	963	2,695	California	Mendocino	06045010100	1,097	3,105
Alaska	Dillingham	02070000100	610	2,296	California	Kern	06029005600	1,090	2,763
Alaska	North Slope	02185000200	571	2,202	California	Inyo	06027000600	1,129	2,585
Alaska	Anchororage	02020002900	987	2,084	California	Trinity	06105000200	1,041	2,359
Alaska	Yukon-Koyukuk	02290000300	590	1,776	California	Imperial	06025012302	970	2,183
Alaska	Lake and Peninsula	02164000100	516	1,576	California	Riverside	06065045900	751	2,081
Alaska	Bethel	02050000300	453	1,488	California	Sutter	06101050900	719	1,941
Alaska	Yukon-Koyukuk	02290000100	448	1,158	California	Plumas	06063000201	953	1,928
Alaska	Yukon-Koyukuk	02290000400	361	1,026	California	Mendocino	06045010802	586	1,605
Alaska	Bristol Bay	02060000100	390	1,018	California	Monterey	06053010802	365	1,510
Alaska	Kenai Peninsula	02122000300	398	941	California	Riverside	06065046000	575	1,446
Alaska	Wrangell-Petersburg Census Area	02280000100	315	870	California	Trinity	06105000400	445	1,089
Alaska	Kenai Peninsula	02122001200	325	777	California	San Bernardino	06071940100	487	1,021
Alaska	Yakutat	02282000100	243	699	California	Inyo	06027000700	293	526
Alaska	Prince of Wales-Outer Ketchikan Census Area	02201000300	57	102	California	Kern	06029004601	0	478
Arizona	Apache	04001944200	2,508	9,762	California	Riverside	06065940100	171	298
Arizona	Apache	04001944900	2,764	9,752	California	Kern	06029005504	0	67
Arizona	Navajo	04017944400	2,199	8,753	California	San Bernardino	06071940500	63	32
Arizona	Coconino	04005942200	1,990	8,136	California	San Luis Obispo	06079011400	6	16
Arizona	Coconino	04005002100	2,661	8,018	Colorado	Fremont	08043979400	0	4,137
Arizona	Apache	04001944300	2,109	7,287	Colorado	Montezuma	08083941000	644	2,133
Arizona	Navajo	04017944700	1,716	6,798	Colorado	Moffat	08081000100	298	1,110
Arizona	Navajo	04017942500	1,754	6,798	Florida	Lafayette	12067960100	427	2,678
Arizona	Apache	04001944000	1,856	6,629	Georgia	Charlton	13049990200	783	2,135
Arizona	Apache	04001942700	1,596	5,670	Georgia	Baker	13007960200	529	1,372
Arizona	Apache	04001944100	1,398	5,348	Georgia	Telfair	13271950300	540	1,354
Arizona	Graham	04009991100	1,505	4,701	Hawaii	Kauai	15007041000	28	143
Arizona	Graham	04009940500	1,054	4,701	Hawaii	Kalawao	15005031900	79	122
Arizona	La Paz	04012940300	1,540	4,597	Hawaii	Honolulu	15003006803	0	13
Arizona	La Paz	04012940200	1,127	3,265	Idaho	Idaho	16049960100	803	1,972
Arizona	La Paz	04012020200	1,567	3,261	Idaho	Clark	16033950100	332	940
Arizona	Navajo	04017942300	847	3,164	Idaho	Owyhee	16073940300	80	246
Arizona	Navajo	04017942400	757	2,852	Idaho	Lewis	16061950300	21	56
Arizona	Apache	04001945100	579	2,130	Illinois	Greene	17061973600	1,420	3,592
Arizona	Yuma	04027010600	525	1,859	Illinois	Jasper	17079977400	1,264	2,893
Arizona	Apache	04001942600	450	1,793	Illinois	Pike	17149528000	1,027	2,561
Arizona	La Paz	04012020600	746	1,792	Illinois	Alexander	17003957700	789	1,928
Arizona	Yuma	04027010500	396	1,321	Illinois	Alexander	17003957800	712	1,640
Arizona	Navajo	04017944800	304	1,104	Illinois	Alexander	17003957900	686	1,547
Arizona	Navajo	04017944500	117	463	Kentucky	Lewis	21135990300	1,166	2,875
Arizona	Maricopa	04013940700	30	151	Kentucky	Fleming	21069980300	1,003	2,698
Arizona	Apache	04001940300	8	18	Kentucky	Knox	21121990100	861	2,144
Arizona	Yuma	04027011300	0	2	Kentucky	Lewis	21135990400	684	1,724
California	Lassen	06035040400	429	8,434	Kentucky	Clay	21051950600	569	1,510

State Name	County Name	Tract FIPS	Households	Population	State Name	County Name	Tract FIPS	Households	Population
Kentucky	McCreary	21147960200	396	1,104	Pennsylvania	Schuylkill	42107000500	1,885	4,125
Louisiana	East Carroll	22035990200	539	2,012	Pennsylvania	Schuylkill	42107000800	1,790	4,020
Michigan	Lapeer	26087338500	1,507	4,325	Pennsylvania	Schuylkill	42107002300	1,431	3,091
Michigan	St. Clair	26147652100	1,275	3,659	South Carolina	Horry	45051080100	4,278	11,007
Michigan	St. Clair	26147658100	1,047	3,150	South Carolina	Horry	45051020200	3,343	9,121
Michigan	Gladwin	26051990300	1,129	2,561	South Carolina	Horry	45051020300	3,176	8,496
Mississippi	Clay	28025950200	1,039	2,749	South Carolina	Horry	45051080200	2,691	7,148
Missouri	Bollinger	29017950100	1,628	4,228	South Carolina	Horry	45051020100	1,109	2,728
Missouri	Wayne	29223990100	1,365	3,108	South Carolina	Bamberg	45009960300	497	1,158
Montana	Park	30067000500	904	1,829	South Dakota	Stanley	46117940100	8	20
Montana	Yellowstone	30111940500	119	404	South Dakota	Bennett	46007940100	0	6
Montana	Glacier	30035976300	9	32	Tennessee	Meigs	47121960100	1,110	2,769
Montana	Park	30067000600	8	26	Tennessee	Claiborne	47025970400	531	1,425
Montana	Gallatin	30031001400	11	25	Tennessee	Hancock	47067960100	365	906
Nebraska	Richardson	31147940100	53	152	Tennessee	Hancock	47067960300	357	884
Nevada	Lyon	32019960700	4,125	10,559	Texas	Wilson	48493980300	1,883	5,480
Nevada	Lyon	32019960800	3,082	7,714	Texas	Van Zandt	48467950100	1,925	5,188
Nevada	Elko	32007940300	378	1,159	Texas	Van Zandt	48467950800	1,931	5,146
Nevada	Mineral	32021940200	360	1,054	Texas	Live Oak	48297950100	1,427	4,975
Nevada	Clark	32003940500	12	22	Texas	Rusk	48401950800	1,842	4,559
New Mexico	McKinley	35031940300	1,365	5,802	Texas	Navarro	48349970100	1,603	4,463
New Mexico	Cibola	35006945800	704	2,424	Texas	Cherokee	48073950900	1,153	4,414
New Mexico	McKinley	35031945700	625	2,116	Texas	Houston	48225950700	935	4,380
New Mexico	McKinley	35031940200	319	1,291	Texas	Cherokee	48073950700	1,430	4,220
New Mexico	Valencia	35061940100	224	884	Texas	Van Zandt	48467950200	1,431	3,921
New Mexico	McKinley	35031945800	169	541	Texas	Madison	48313980100	531	3,767
New Mexico	Cibola	35006946000	53	199	Texas	Van Zandt	48467950700	1,403	3,563
New Mexico	Cibola	35006945900	34	141	Texas	Rusk	48401950900	1,306	3,201
New Mexico	Rio Arriba	35039943300	39	135	Texas	Wilson	48493980402	1,021	3,124
New Mexico	Rio Arriba	35039000600	66	128	Texas	Rusk	48401950700	1,151	3,044
New Mexico	McKinley	35031940400	39	99	Texas	Shelby	48419950500	1,122	2,853
New Mexico	Sandoval	35043940900	0	10	Texas	Liberty	48291700700	950	2,606
New Mexico	Cibola	35006940400	0	7	Texas	Jasper	48241950800	978	2,541
New Mexico	McKinley	35031972100	0	2	Texas	Newton	48351950300	874	2,350
New York	Livingston	36051031000	0	7	Texas	Jefferson	48245011203	0	2,239
North Carolina	Clay	37043950100	2,326	5,195	Texas	Sabine	48403950100	1,015	2,214
North Carolina	Currituck	37053110102	898	2,211	Texas	Wilson	48493980202	701	1,984
North Carolina	Graham	37075980100	773	1,711	Texas	Coke	48081950200	811	1,832
North Dakota	Richland	38077940200	34	87	Texas	Houston	48225950200	542	1,234
Oklahoma	McCurtain	40089998500	2,253	5,950	Texas	Refugio	48391950100	428	1,064
Oklahoma	McCurtain	40089998600	1,963	5,009	Texas	Red River	48387950200	348	829
Oklahoma	Adair	40001977000	1,658	4,981	Texas	Loving	48301950100	31	59
Oklahoma	Adair	40001976900	1,897	4,823	Utah	Wasatch	49051992500	0	11
Oklahoma	Adair	40001976800	1,606	4,573	Virginia	Southampton	51175200300	3	1,371
Oklahoma	Pushmataha	40127997600	1,239	2,986	Washington	Okanogan	53047970400	1,448	3,788
Oklahoma	McCurtain	40089998200	1,091	2,824	Washington	Ferry	53019980200	1,275	3,126
Oklahoma	Pittsburg	40121986800	915	2,302	Washington	Pierce	53053072700	0	1,335
Oklahoma	Latimer	40077987300	833	2,248	West Virginia	McDowell	54047954400	185	419
Oklahoma	Love	40085994300	797	1,935	Wisconsin	Washington	55131470202	2,606	7,706
Oklahoma	Beckham	40009966500	779	1,904	Wisconsin	Waukesha	55133203406	2,157	6,747
Oklahoma	McCurtain	40089998300	651	1,758	Wisconsin	Waukesha	55133200102	2,740	6,156
Oregon	Coos	41011001000	3,011	6,924	Wisconsin	Waukesha	55133201701	1,869	4,939
Oregon	Coos	41011001100	2,715	6,675	Wisconsin	Waukesha	55133200101	1,821	4,533
Oregon	Marion	41047010502	1,869	5,110	Wisconsin	Waukesha	55133203403	1,612	4,339
Oregon	Union	41061970100	1,201	2,996	Wisconsin	Waukesha	55133200103	1,384	3,524
Oregon	Wallowa	41063960200	814	1,951	Wisconsin	Lincoln	55069980400	788	2,016
Oregon	Union	41061970300	628	1,624					

Census Tracts with No Wireless Availability

State Name	County Name	Tract FIPS	Households	Population	State Name	County Name	Tract FIPS	Households	Population
Alaska	Bethel	02050000100	2,013	8,784	Louisiana	East Feliciana	22037951300	1,254	3,448
Alaska	Wade Hampton	02270000100	1,736	7,555	Louisiana	Vernon	22115950600	1,188	3,373
Alaska	Kodiak Island	02150000200	2,144	6,526	Louisiana	Vernon	22115950100	1,350	3,364
Alaska	Bethel	02050000200	2,085	6,514	Louisiana	Avoyelles	22009030300	1,291	3,331
Alaska	Nome	02180000100	1,486	5,648	Louisiana	Vernon	22115950800	1,149	3,102
Alaska	Aleutians West	02016000200	738	4,246	Louisiana	Beauregard	22011960400	1,139	3,016
Alaska	Northwest Arctic	02188000100	909	4,178	Louisiana	Avoyelles	22009030800	1,057	2,751
Alaska	North Slope	02185000100	1,147	4,074	Louisiana	Rapides	22079013600	983	2,735
Alaska	Valdez-Cordova	02261000300	1,441	3,911	Louisiana	Vernon	22115950400	1,140	2,547
Alaska	Nome	02180000200	1,146	3,546	Louisiana	Avoyelles	22009030100	779	2,016
Alaska	Northwest Arctic	02188000200	1,006	3,463	Maryland	Garrett	24023000600	2,494	6,296
Alaska	Valdez-Cordova	02261000100	1,273	3,330	Maryland	Garrett	24023000700	2,151	5,625
Alaska	Aleutians East	02013000100	508	2,770	Maryland	Garrett	24023000200	1,489	4,012
Alaska	Dillingham	02070000200	963	2,695	Maryland	Garrett	24023000100	1,583	3,998
Alaska	Valdez-Cordova	02261000200	989	2,599	Maryland	Garrett	24023000500	1,604	3,765
Alaska	Dillingham	02070000100	610	2,296	Mississippi	Wilkinson	28157950100	1,324	3,416
Alaska	Kodiak Island	02150000300	507	1,916	Mississippi	Claiborne	28021950200	521	1,385
Alaska	Yukon-Koyukuk	02290000300	590	1,776	Missouri	Wayne	29223990300	1,819	4,223
Alaska	Kodiak Island	02150000500	466	1,638	Missouri	Reynolds	29179980100	1,349	3,339
Alaska	Lake and Peninsula	02164000100	516	1,576	Missouri	Gasconade	29073960400	1,381	3,281
Alaska	Kodiak Island	02150000100	502	1,496	Missouri	Iron	29093970300	1,205	3,039
Alaska	Bethel	02050000300	453	1,488	Missouri	Gasconade	29073960300	1,177	3,003
Alaska	Kodiak Island	02150000400	564	1,387	Missouri	Gasconade	29073960100	1,221	2,837
Alaska	Bristol Bay	02060000100	390	1,018	Missouri	Oregon	29149980300	1,089	2,645
Alaska	Aleutians West	02016000100	372	989	Missouri	Iron	29093970400	820	1,981
Alaska	Southeast Fairbanks	02240000300	257	905	Missouri	Gasconade	29073960200	801	1,977
Alaska	Yakutat	02282000100	243	699	Montana	Blaine	30005000100	573	1,454
Alaska	Skagway-Hoonah-Angoon Census Area	02232000200	44	140	Montana	Blaine	30005940100	400	1,424
Arizona	Apache	04001944200	2,508	9,762	Montana	Blaine	30005940200	369	1,293
Arizona	Navajo	04017944400	2,199	8,753	Nebraska	Hooker	31091956700	335	780
Arizona	Navajo	04017942500	1,754	6,798	Nebraska	Grant	31075956300	260	618
Arizona	Navajo	04017941000	1,003	3,457	Nebraska	Thomas	31171957100	285	614
Arizona	Apache	04001942600	450	1,793	Nebraska	Blaine	31009972400	200	456
Arizona	Mohave	04015940400	301	1,196	Nebraska	Sheridan	31161940500	5	12
Arizona	Navajo	04017944800	304	1,104	Nevada	Lincoln	32017950100	973	2,494
Arizona	Maricopa	04013940700	30	151	Nevada	Elko	32007940300	378	1,159
California	Los Angeles	06037577501	1,482	2,959	New Mexico	Taos	35055952900	944	1,754
California	Orange	06059063006	1,481	2,629	New York	Ulster	36111950700	351	836
California	Orange	06059062900	747	1,646	North Carolina	Ashe	37009970500	2,576	6,024
Idaho	Lewis	16061950100	703	1,628	North Carolina	Ashe	37009970400	1,900	4,236
Idaho	Owyhee	16073940300	80	246	North Carolina	Alleghany	37005950200	1,580	3,607
Idaho	Lewis	16061950300	21	56	North Carolina	Alleghany	37005950300	1,314	3,073
Illinois	Lawrence	17101981100	1,299	3,179	North Carolina	Ashe	37009970200	1,300	3,020
Illinois	Greene	17061973900	986	2,399	North Carolina	Ashe	37009970100	1,157	2,759
Illinois	Lawrence	17101981000	920	1,896	North Carolina	Ashe	37009970600	1,090	2,472
Indiana	Gibson	18051050500	3,343	7,838	Ohio	Ottawa	39123050100	289	601
Indiana	Owen	18119955800	1,814	4,409	Oklahoma	Woodward	40153953500	2,321	5,610
Indiana	Martin	18101950200	1,521	3,621	Oklahoma	Woodward	40153953300	1,693	4,224
Louisiana	Vernon	22115950700	3,150	12,638	Oklahoma	Woods	40151954200	1,664	4,123
Louisiana	Avoyelles	22009030700	2,201	7,920	Oklahoma	Woodward	40153953400	1,635	4,117
Louisiana	Avoyelles	22009030400	2,819	7,637	Oklahoma	Woodward	40153953200	1,219	3,896
Louisiana	Avoyelles	22009030500	2,568	6,866	Oklahoma	Ellis	40045952600	1,216	2,696
Louisiana	Allen	22003950200	1,289	5,814	Oklahoma	Woods	40151954300	873	2,426
Louisiana	West Feliciana	22125951702	198	5,582	Oklahoma	Woodward	40153953100	790	2,038
Louisiana	Beauregard	22011960200	1,874	5,043	Oklahoma	Harper	40059952200	766	1,696
Louisiana	Beauregard	22011960300	1,933	4,954	Oklahoma	Harper	40059952100	703	1,678
Louisiana	Beauregard	22011960500	1,815	4,565	Oklahoma	Dewey	40043959200	560	1,273
Louisiana	Vernon	22115950900	1,664	4,482	Oklahoma	Ellis	40045952800	535	1,153
Louisiana	Vernon	22115950500	1,735	4,400	Pennsylvania	Wayne	42127960900	1,628	6,071
Louisiana	Avoyelles	22009030900	1,208	3,492	Pennsylvania	Pike	42103950200	2,089	5,143
Louisiana	Allen	22003950300	1,383	3,481	Pennsylvania	Wayne	42127961000	1,928	5,127

Broadband Statistics Report

Areas with No Broadband Availability

State Name	County Name	Tract FIPS	Households	Population	State Name	County Name	Tract FIPS	Households	Population
Pennsylvania	Wayne	42127960800	1,915	4,911	Virginia	Alleghany	51005080201	1,401	3,387
Pennsylvania	Wayne	42127960600	1,991	4,909	Virginia	Charlotte	51037990200	1,322	3,324
Pennsylvania	Wayne	42127960700	1,997	4,467	Virginia	Westmoreland	51193990200	1,376	3,303
Pennsylvania	Pike	42103950300	1,665	3,943	Virginia	Smyth	51173990600	1,468	3,291
Pennsylvania	Wayne	42127960500	1,460	3,681	Virginia	Dickenson	51051990200	1,339	3,206
Pennsylvania	Wayne	42127961100	1,389	3,479	Virginia	Halifax	51083990100	1,290	3,205
Pennsylvania	Wayne	42127960400	1,164	3,068	Virginia	Covington	51580060100	1,353	3,144
Pennsylvania	Wayne	42127960300	1,012	2,506	Virginia	Tazewell	51185990500	1,282	3,132
Texas	Shelby	48419950400	2,454	7,204	Virginia	Alleghany	51005080100	1,303	3,106
Texas	Sabine	48403950300	2,227	4,996	Virginia	Buchanan	51027990200	1,240	3,065
Texas	Presidio	48377950200	1,559	4,788	Virginia	Lee	51105990400	1,173	2,928
Texas	Sabine	48403950200	1,285	3,214	Virginia	Dickenson	51051990400	1,207	2,916
Texas	Shelby	48419950600	1,306	3,132	Virginia	Wise	51195991100	1,233	2,799
Texas	San Augustine	48405950200	966	2,653	Virginia	Alleghany	51005080202	1,089	2,679
Texas	Runnels	48399950200	947	2,444	Virginia	Covington	51580060200	1,223	2,581
Texas	Sabine	48403950100	1,015	2,214	Virginia	Highland	51091970100	1,161	2,566
Texas	Menard	48327950200	659	1,577	Virginia	Wise	51195990800	1,011	2,530
Virginia	Russell	51167990400	3,241	8,925	Virginia	Wise	51195990700	979	2,394
Virginia	Washington	51191010600	2,894	7,621	Virginia	Russell	51167990500	966	2,375
Virginia	Tazewell	51185990300	2,852	6,944	Virginia	Buchanan	51027990400	1,020	2,353
Virginia	Smyth	51173990300	2,868	6,824	Virginia	Tazewell	51185990900	1,046	2,292
Virginia	Washington	51191010500	3,133	6,793	Virginia	Wise	51195991000	939	2,284
Virginia	Buckingham	51029990100	2,560	6,476	Virginia	Mecklenburg	51117990500	879	2,138
Virginia	Mecklenburg	51117990400	2,558	6,031	Virginia	Tazewell	51185990800	845	2,094
Virginia	Dickenson	51051990300	2,520	5,991	Virginia	Wise	51195991700	809	1,849
Virginia	Charlotte	51037990100	2,405	5,870	Virginia	Alleghany	51005080302	660	1,769
Virginia	Wise	51195991200	2,403	5,760	Virginia	Alleghany	51005080301	683	1,654
Virginia	Wise	51195991500	2,196	5,625	Virginia	Buchanan	51027990500	577	1,412
Virginia	Russell	51167990200	2,193	5,337	West Virginia	Nicholas	54067980200	2,641	6,181
Virginia	Russell	51167990100	2,099	5,173	West Virginia	Preston	54077964000	2,212	5,424
Virginia	Buchanan	51027990100	1,919	5,016	West Virginia	Nicholas	54067980600	2,070	5,196
Virginia	Lunenburg	51111990200	2,070	4,931	West Virginia	Grant	54023969600	2,185	5,017
Virginia	Smyth	51173990200	2,048	4,890	West Virginia	Nicholas	54067980400	1,965	4,850
Virginia	Tazewell	51185991000	1,989	4,631	West Virginia	Barbour	54001965700	1,847	4,672
Virginia	Wise	51195991300	1,902	4,572	West Virginia	Webster	54101970100	1,895	4,628
Virginia	Lee	51105990200	1,752	4,530	West Virginia	Preston	54077964200	1,685	4,398
Virginia	Washington	51191010700	1,887	4,523	West Virginia	Barbour	54001965600	1,586	4,110
Virginia	Washington	51191010900	1,892	4,494	West Virginia	Preston	54077964300	1,582	4,002
Virginia	Tazewell	51185990600	1,734	4,493	West Virginia	Clay	54015958000	1,609	4,000
Virginia	Lee	51105990500	1,942	4,444	West Virginia	Pocahontas	54075960200	1,746	3,979
Virginia	Wise	51195990900	1,838	4,355	West Virginia	Pendleton	54071970500	1,534	3,733
Virginia	Wise	51195991400	1,632	4,333	West Virginia	Preston	54077964100	1,396	3,397
Virginia	Campbell	51031020900	1,707	4,296	West Virginia	Nicholas	54067980700	1,299	3,286
Virginia	Buchanan	51027990600	1,454	4,292	West Virginia	Wayne	54099021000	1,266	3,261
Virginia	Tazewell	51185990400	1,779	4,200	West Virginia	Preston	54077963900	1,275	3,167
Virginia	Dickenson	51051990100	1,671	4,110	West Virginia	Preston	54077964400	1,175	3,072
Virginia	Lee	51105990300	1,802	4,103	West Virginia	Tucker	54093965400	1,254	2,984
Virginia	Scott	51169030600	1,754	4,023	West Virginia	Preston	54077964500	1,173	2,965
Virginia	Lee	51105990100	1,617	4,016	West Virginia	Clay	54015958100	982	2,543
Virginia	Russell	51167990300	1,595	3,974	West Virginia	Webster	54101970200	1,109	2,489
Virginia	Scott	51169030200	1,577	3,914	West Virginia	Pocahontas	54075960100	1,022	2,333
Virginia	Buchanan	51027990700	1,590	3,909	West Virginia	Webster	54101970300	923	2,284
Virginia	Mecklenburg	51117990800	1,705	3,833	West Virginia	Pocahontas	54075960300	838	2,145
Virginia	Scott	51169030300	1,580	3,819	West Virginia	Harrison	54033031700	735	1,911
Virginia	Scott	51169030400	1,534	3,604	West Virginia	Nicholas	54067980500	814	1,838
Virginia	Wise	51195991600	1,497	3,543	West Virginia	Tucker	54093965300	801	1,825
Virginia	Charlotte	51037990300	1,389	3,486	West Virginia	Nicholas	54067980300	676	1,708
Virginia	Russell	51167990600	1,441	3,462	West Virginia	McDowell	54047953600	687	1,697
Virginia	Buchanan	51027990300	1,404	3,447	West Virginia	Tucker	54093965200	676	1,621
Virginia	Norton	51720990100	1,539	3,437	West Virginia	Pendleton	54071970400	669	1,597
Virginia	Scott	51169030100	1,515	3,399					

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.

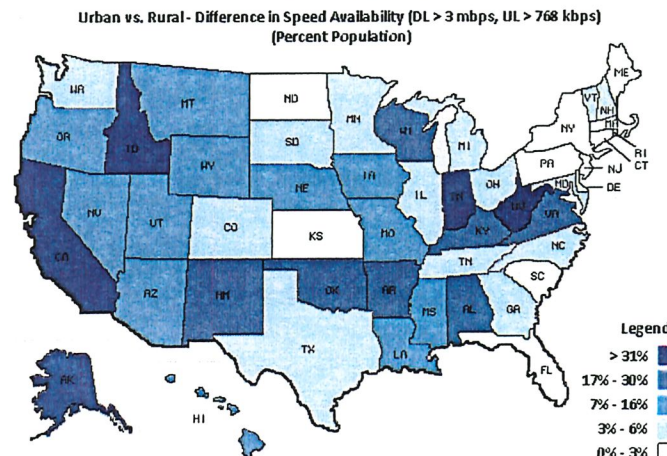
- "Rural" and "Urban" definitions: Census bureau (2000).
- Data as of June 2011, Report published February 2011

Speed Availability

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

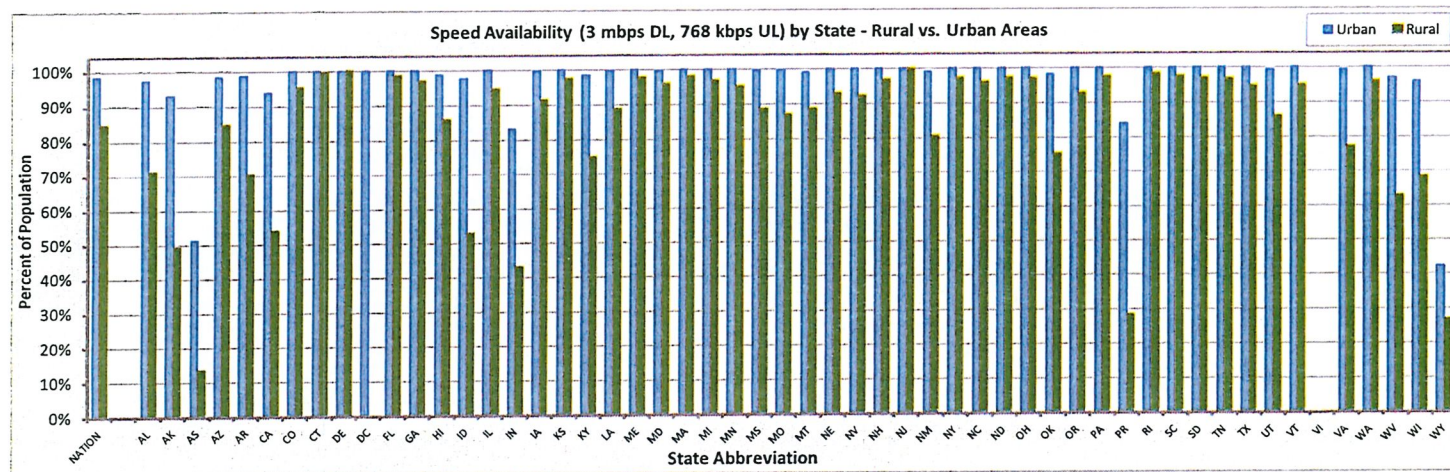
Map

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.





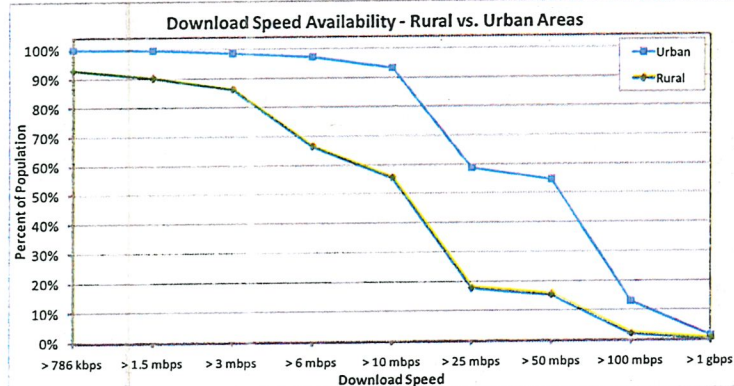
National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural Areas

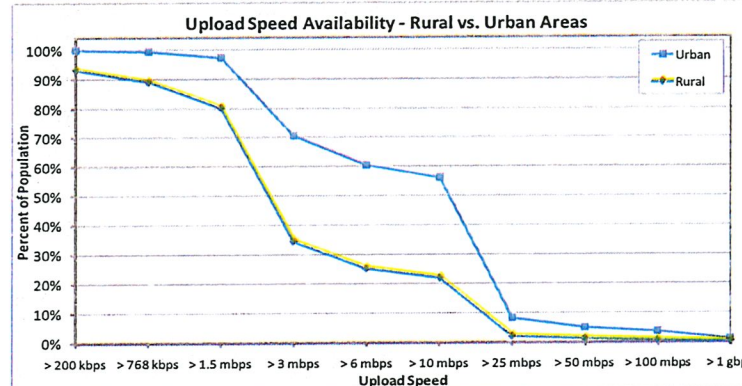
Download Speed Availability

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



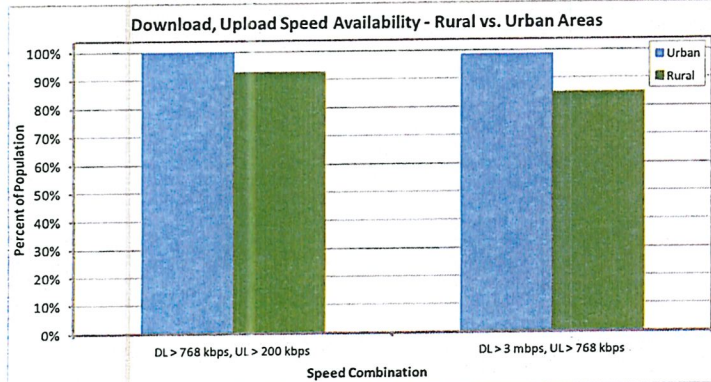
Upload Speed Availability

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



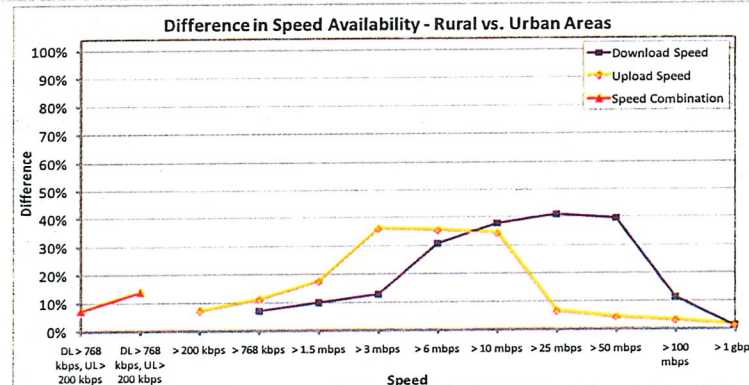
Download, Upload Speed Availability

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.



Broadband Statistics Report

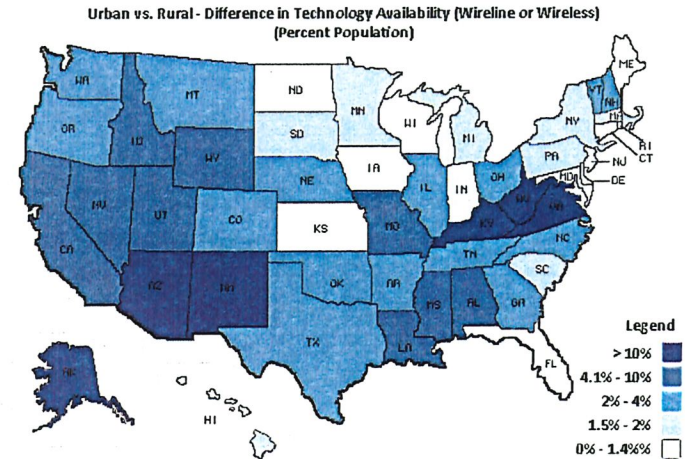
Broadband Availability in Urban vs. Rural Areas

Technology Availability

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

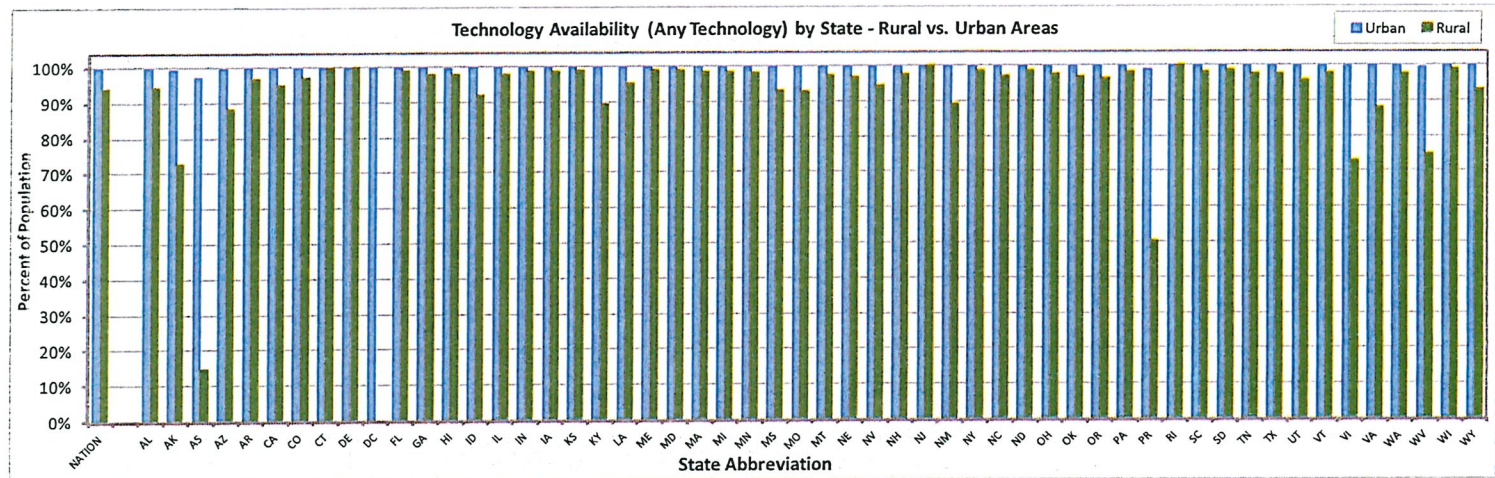
Map

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.



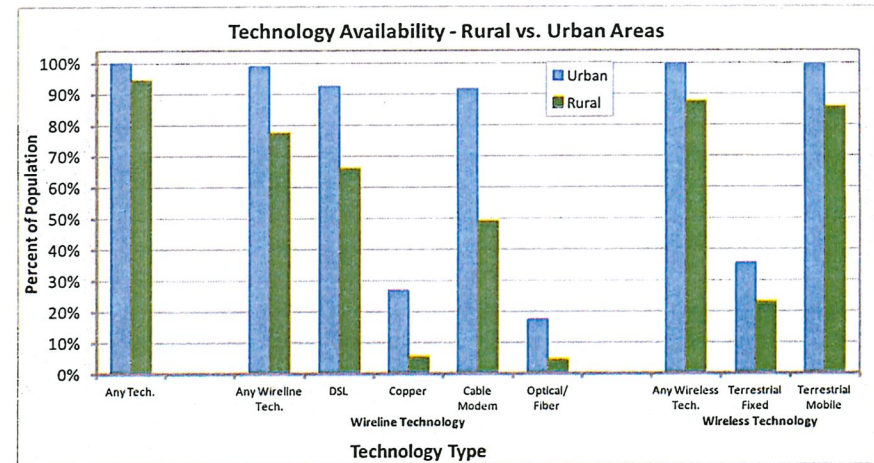
Chart

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



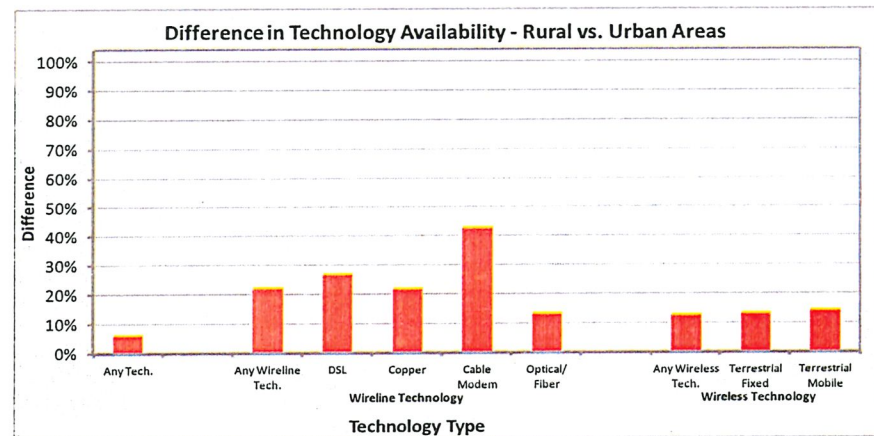
Technology Availability

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.



Broadband Statistics Report

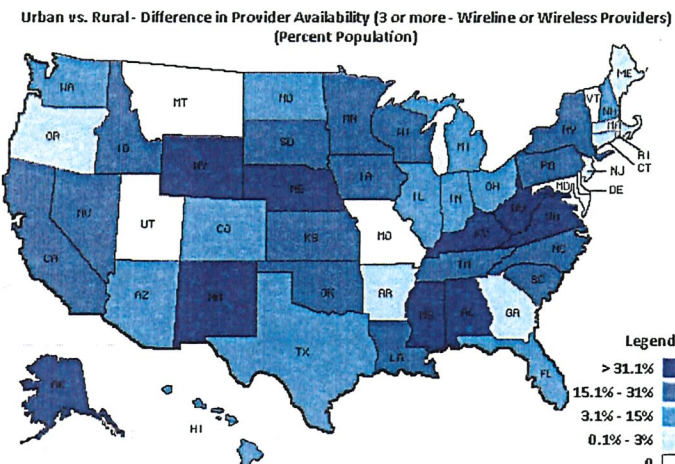
Broadband Availability in Urban vs. Rural Areas

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.

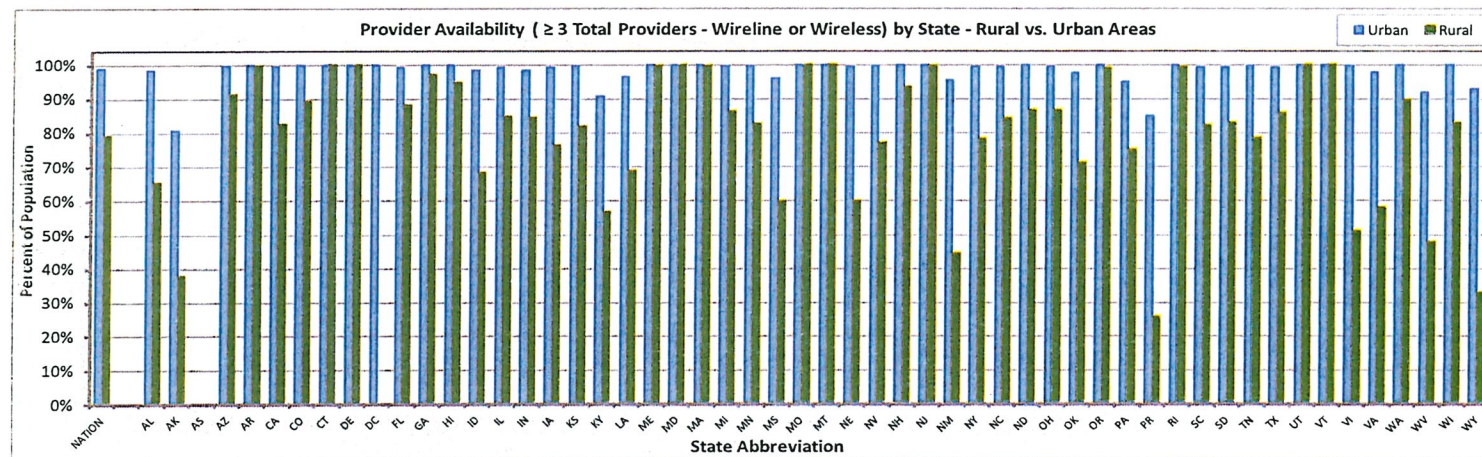
Map

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.



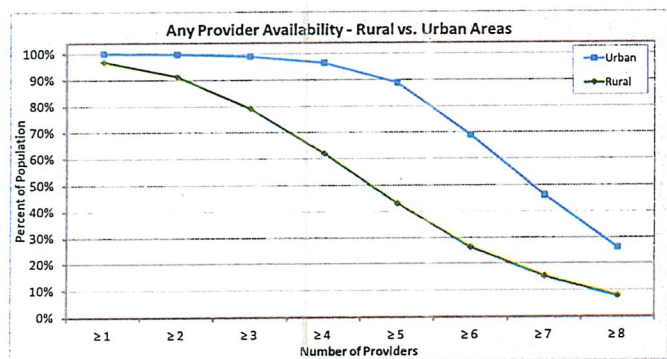
Chart

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



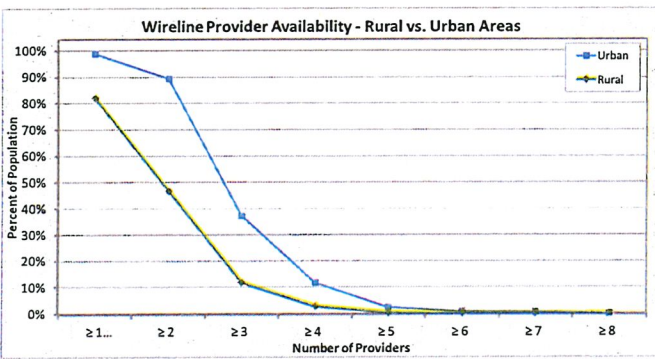
Any Provider Availability

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



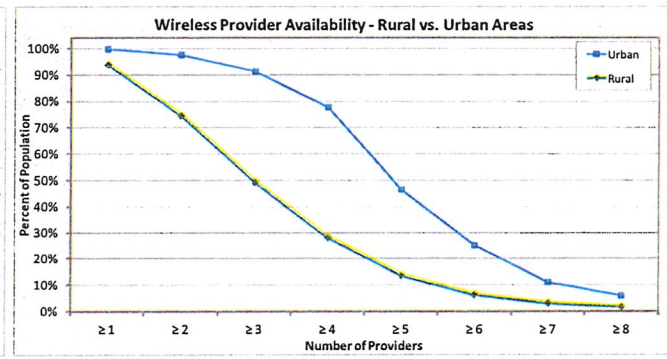
Wireline Provider Availability

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.

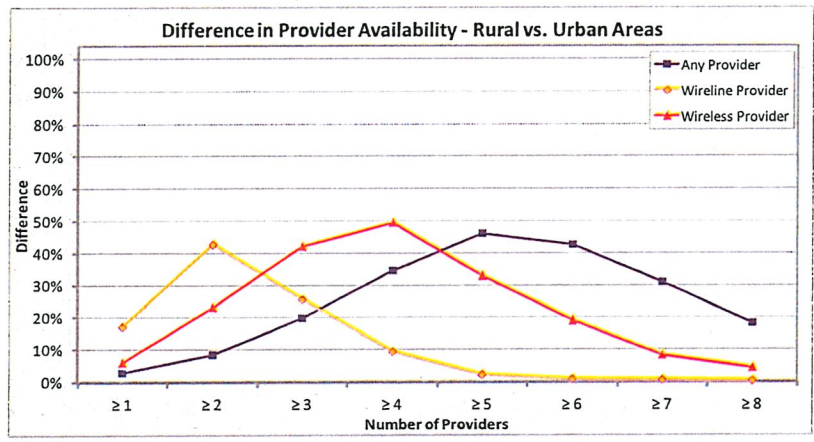


Wireless Provider Availability

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.





National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural 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	≥ 768 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		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%	84.8%
NATIONWIDE		Urban	243,181,427	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%	0.3%	99.8%	98.3%
Alaska	AK	Rural	242,360	72.6%	70.4%	50.4%	43.6%	42.3%	1.2%	1.2%	0.0%	0.0%	72.6%	69.9%	61.1%	6.1%	6.1%	1.2%	1.2%	1.2%	1.2%	0.0%	72.6%	49.1%
Alaska	AK	Urban	456,797	99.3%	98.5%	93.0%	93.0%	92.0%	1.9%	1.9%	1.9%	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%	65.6%	52.9%	0.7%	0.7%	0.4%	0.4%	94.1%	93.3%	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%	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	1,534,784	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%	99.9%	21.9%	11.9%	10.3%	0.0%	99.9%	87.9%	61.9%	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%	78.5%	77.5%	0.1%	0.1%	100.0%	99.6%	97.0%	81.5%	43.4%	43.0%	36.3%	36.2%	0.1%	0.1%	100.0%	98.5%
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	4,129,194	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%	95.8%	88.3%	60.5%	60.5%	17.1%	2.8%	99.7%	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%	28.5%	4.8%	0.0%	100.0%	100.0%	100.0%	90.6%	76.6%	76.6%	4.9%	4.9%	4.9%	4.8%	100.0%	100.0%
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
District of Columbia	DC	Urban	588,461	100.0%	100.0%	100.0%	100.0%	99.9%	99.3%	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	688,914	100.0%	100.0%	100.0%	99.7%	99.0%	96.8%	96.8%	0.4%	0.4%	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%	95.4%	78.5%	72.7%	29.9%	18.2%	2.5%	0.0%	99.0%	98.7%	98.3%	61.8%	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	2,733,981	97.3%	97.6%	96.9%	76.3%	71.4%	34.6%	34.3%	1.0%	0.0%	97.3%	97.6%	94.9%	36.5%	32.5%	32.4%	4.4%	4.4%	4.4%	1.0%	97.3%	97.8%
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%	4.4%	4.2%	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	98.6%	96.6%	93.0%	52.1%	45.4%	2.5%	2.2%	0.7%	0.4%	98.6%	94.4%	87.1%	25.3%	4.1%	3.4%	1.3%	1.3%	0.5%	0.4%	98.6%	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%	97.5%	97.1%	94.9%	3.7%	3.7%	1.9%	1.0%	100.0%	98.5%	45.5%	4.9%	3.5%	2.7%	1.9%	1.9%	1.9%	1.6%	100.0%	97.7%
Illinois	IL	Rural	1,550,670	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%	99.9%	80.5%	76.4%	76.6%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Indiana	IN	Rural	1,836,797	91.7%	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%	82.5%	49.5%	16.8%	16.0%	2.5%	0.7%	99.0%	98.6%	95.8%	27.4%	19.0%	16.5%	2.7%	2.5%	0.8%	0.0%	99.0%	97.4%
Kansas	KS	Urban	2,018,345	100.0%	100.0%	100.0%	98.8%	96.2%	53.2%	53.1%	1.6%	0.0%	100.0%	100.0%	100.0%	100.0%	15.4%	14.5%	8.0%	4.1%	1.6%	1.6%	100.0%	100.0%
Kentucky	KY	Rural	1,915,855	89.2%	86.2%	79.9%	55.1%	25.4%	0.1%	0.0%	0.0%	0.0%	89.2%	81.1%	59.8%	3.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	89.2%	74.5%
Kentucky	KY	Urban	2,358,095	99.9%	99.8%	99.4%	92.9%	57.9%	2.2%	0.8%	0.7%	0.7%	99.9%	99.6%	89.9%	19.6%	2.4%	0.9%	0.8%	0.7%	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%	92.5%	87.1%	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%	0.3%	0.2%	98.4%	98.3%	97.9%	92.9%	80.1%	63.4%	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%	96.0%	1.8%	1.7%	0.2%	0.2%	100.0%	100.0%
Maryland	MD	Rural	827,437	98.8%	98.8%	96.8%	86.3%	77.3%	67.8%	63.6%	0.5%	0.1%	98.8%	98.7%	89.5%	67.0%	63.9%	63.9%	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%	99.7%	13.0%	10.7%	10.7%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Michigan	MI	Rural	2,637,593	98.4%	97.6%	96.8%	71.1%	64.4%	<															



National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural Areas

Geography Information			Download Speed										Upload Speed										Download Speed, Upload Speed		
State Name	State Abbr	Urban/Rural	Population	≥ 784 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		Rural	67,224,943	97.8%	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%	0.7%	92.8%	84.8%	
NATIONWIDE		Urban	243,181,422	99.8%	99.8%	98.7%	97.2%	93.5%	58.8%	54.8%	13.1%	1.3%	99.5%	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	278,969	98.5%	98.4%	98.0%	96.8%	46.8%	34.5%	5.2%	0.0%	0.0%	98.5%	97.2%	96.4%	27.5%	4.3%	2.7%	2.7%	0.0%	0.0%	0.0%	98.5%	97.1%	
North Dakota	ND	Urban	355,454	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%	84.3%	42.9%	4.3%	1.6%	0.0%	0.0%	96.1%	93.2%	89.4%	4.4%	1.8%	1.8%	1.6%	1.6%	1.6%	1.6%	96.1%	92.8%	
Nebraska	NE	Urban	1,275,699	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%	24.3%	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%	90.8%	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	510,398	99.9%	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%	100.0%	99.8%	99.1%	97.8%	97.8%	48.7%	1.3%	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	480,517	89.0%	85.0%	80.7%	28.9%	25.7%	1.9%	1.8%	0.0%	0.0%	89.0%	82.5%	76.2%	2.4%	1.8%	0.1%	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	221,726	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%	73.2%	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	90.2%	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	16,915,181	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%	9.1%	100.0%	100.0%	
Ohio	OH	Rural	2,679,059	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%	78.7%	70.2%	10.7%	1.8%	0.3%	0.0%	0.0%	0.0%	0.0%	96.5%	75.1%	
Oklahoma	OK	Urban	2,363,957	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%	92.6%	
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	96.1%	98.0%	97.8%	89.9%	80.3%	56.2%	56.1%	4.6%	0.4%	96.1%	97.7%	93.6%	65.3%	57.8%	55.9%	7.3%	7.0%	4.6%	0.4%	96.1%	97.4%	
Pennsylvania	PA	Urban	9,469,216	100.0%	100.0%	100.0%	99.0%	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%	0.0%	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%	97.2%	97.2%	97.2%	97.2%	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%	99.8%	1.2%	1.2%	100.0%	100.0%	100.0%	99.8%	99.9%	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%	1.2%	98.2%	97.3%	
South Carolina	SC	Urban	2,712,142	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%	0.1%	100.0%	100.0%	
South Dakota	SD	Rural	376,414	96.5%	98.3%	97.1%	48.7%	29.0%	19.3%	14.7%	0.0%	0.0%	96.5%	97.5%	96.4%	26.4%	14.7%	14.7%	14.7%	14.7%	14.7%	14.7%	96.5%	96.5%	
South Dakota	SD	Urban	476,069	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%	75.5%	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%	96.5%	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%	99.4%	
Utah	UT	Rural	307,271	95.8%	94.7%	93.4%	67.9%	40.9%	22.2%	22.2%	1.6%	1.3%	95.8%	86.6%	83.7%	28.9%	22.3%	22.0%	1.6%	1.6%	1.3%	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%	88.1%	14.0%	13.9%	13.8%	7.7%	100.0%	99.3%		
Virginia	VA	Rural	2,159,349	86.2%	78.9%	73.0%	64.8%	23.2%	23.2%	0.1%	0.1%	86.3%	77.4%	62.0%	39.5%	34.0%	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%	94.3%	11.3%	11.3%	11.3%	100.0%	100.0%	
Washington	WA	Rural	1,208,918	97.4%	97.0%	96.8%	77.5%	59.5%	37.9%	37.9%	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	5,181,330	100.0%	100.0%	100.0%	98.8%	97.1%	84.5%	84.4%	1.4%	1.0%	100.0%	100.0%	100.0%	89.1%	87.5%	87.2%	1.5%	1.4%	1.4%	1.4%	100.0%	100.0%	
Wisconsin	WI	Rural	1,825,953	96.8%	79.5%	71.8%	56																		

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National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural Areas

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%	0.9%	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%	64.5%	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%	99.8%	98.6%	60.1%	31.6%	0.0%	100.0%	100.0%	100.0%	99.8%	100.0%	0.0%	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%	0.0%
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%	2.6%
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%	0.7%	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%	83.1%	94.2%	92.1%	11.4%	60.8%	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%	97.8%	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%	92.7%	0.0%	0.0%	100.0%	31.3%	27.8%	3.8%	98.9%	0.0%



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National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural Areas

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
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%	97.1%	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%	67.2%	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%	61.7%	44.9%	50.4%	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%	94.9%	94.7%	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%	6.5%	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%



National Broadband Map
How connected is my community?

Broadband Statistics Report

Broadband Availability in Urban vs. Rural Areas

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	z1	z2	z3	z4	z5	z6	z7	z8	z1	z2	z3	z4	z5	z6	z7	z8	z1	z2	z3	z4	z5	z6	z7	z8	z1	z2	z3	z4	z5	z6	z7	z8							
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%	99.9%	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%	0.7%	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%	1.1%	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%	99.5%	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%	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%	32.3%	13.1%	3.3%	0.0%															
Colorado	CO	Urban	4,129,198	100.0%	100.0%	99.9%	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%	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%	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%	100.0%	99.9%	95.3%	87.0%	99.6%	97.4%	40.2%	8.2%	1.1%	0.0%	0.0%	0.0%	100.0%	100.0%	95.3%	86.9%	71.2%	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%	99.9%	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%	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%	0.5%	0.0%	0.0%															
Georgia	GA	Urban	7,135,630	100.0%	100.0%	100.0%	99.6%	98.3%	94.9%	87.5%	80.1%	99.5%	96.3%	85.6%	9.2%	0.9%	0.2%	0.0%	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%	0.0%															
Hawaii	HI	Urban	1,180,933	100.0%	100.0%	100.0%	99.2%	93.5%	67.1%	1.3%	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%	98.5%	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%	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%	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%	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%	22.7%	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%																														

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Broadband Availability in Urban vs. Rural Areas

Geography Information				Wireline or Wireless Provider								Wireline Provider								Wireless Provider							
State Name	State Abbr	Urban/ Rural	Population	21	22	23	24	25	26	27	28	21	22	23	24	25	26	27	28	21	22	23	24	25	26	27	28
NATIONWIDE		Rural	67,224,943	97.1%	91.4%	79.1%	62.0%	42.7%	26.3%	15.7%	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%	68.0%	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%	100.0%	99.9%	99.2%	97.2%	95.2%	91.4%	98.8%	92.9%	82.0%	66.3%	48.6%	34.5%	20.7%	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%	99.9%	95.1%	90.8%	84.8%	72.5%	58.5%	33.9%	99.0%	89.9%	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%	76.4%	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%	77.8%	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%	99.3%	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%	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%	100.0%	99.8%	99.1%	96.2%	99.0%	98.0%	94.1%	40.0%	4.1%	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	99.3%	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%	0.0%
Virginia	VA	Urban	5,724,695	99.9%	99.7%	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%	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	993,323	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%	0.0%
West Virginia	WV	Urban	810,400	99.6%	97.5%	91.8%	84.6%	53.2%	9.5%	0.8%	0.1%	95.2%	84.5%	19.6%	2.3%	0.1%	0.0%	0.0%	0.0%	96.6%	91.4%	71.6%	32.3%	0.0%	0.0%	0.0%	0.0%
Wisconsin	WI	Rural	1,825,953	99.9%	96.9%	82.78																					

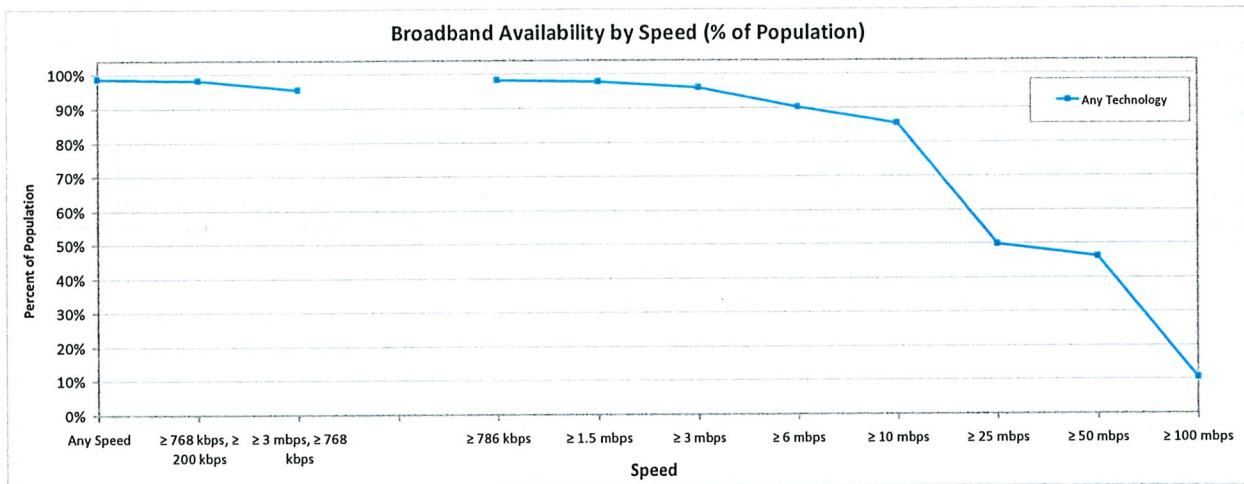
Report Description:

This report illustrates the percent of population with reported access to broadband speeds by technology type.

- Data as of June 2011, Report published February 2011

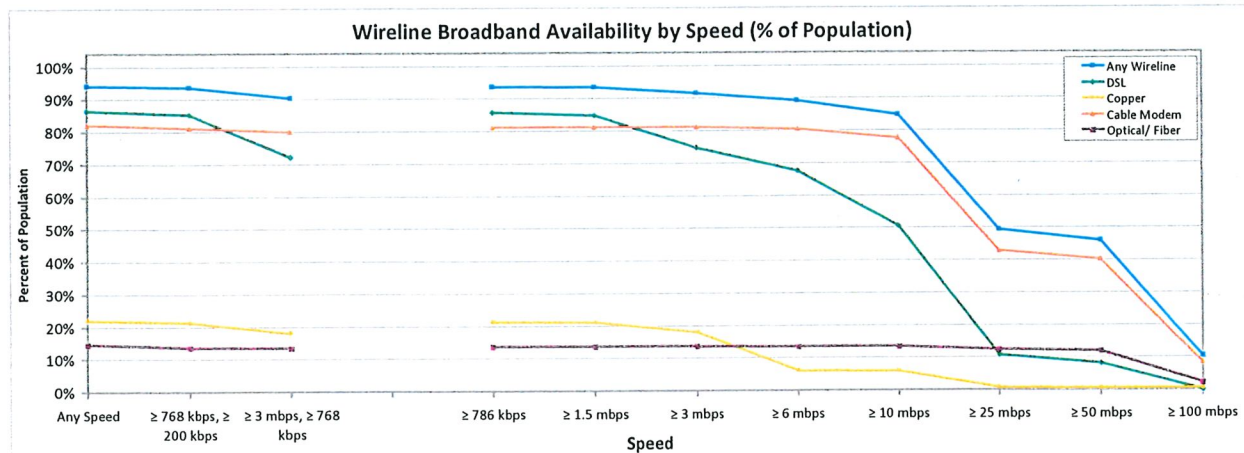
Graph: Any Technology

This graph illustrates the percent of population nationwide with access to any technology, by speed tier.



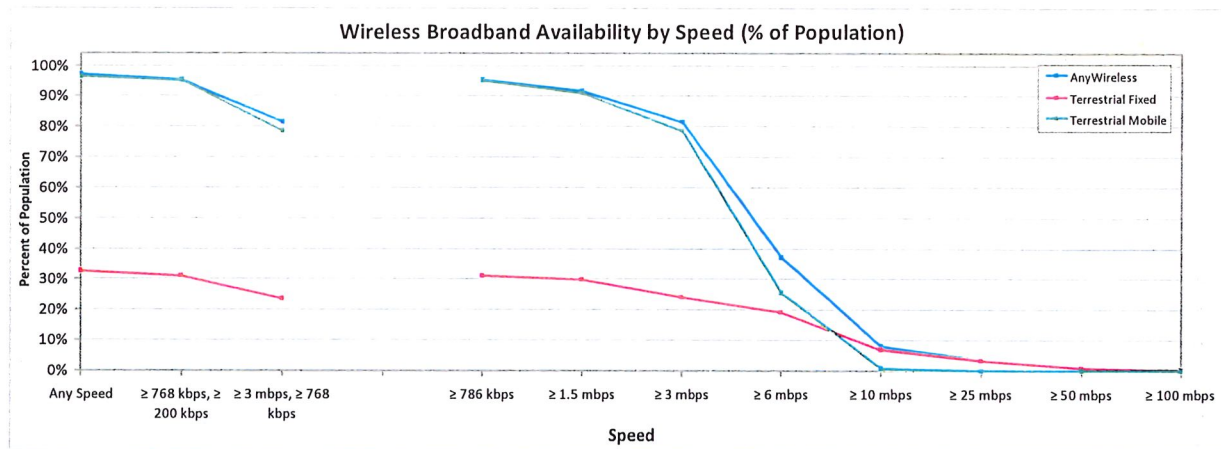
Graph: Wireline Technology

This graph illustrates the percent of population nationwide with access to wireline technologies, by speed tier.



Graph: Wireless Technology

This graph illustrates the percent of population nationwide with access to wireless technologies, by speed tier.



Nationwide Availability of Broadband Speed (Download, Upload) by Technology Type

Technology	Any Speed				BB Speed > 768 DL / 200 UL				BB Speed > 3 DL / 768 UL			
	HHU		Pop		HHU		Pop		HHU		Pop	
	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)
Any Technology	98.69%	0.53%	98.72%	0.53%	98.29%	0.54%	98.32%	0.55%	95.55%	0.53%	95.49%	0.55%
Wireline	94.29%	0.00%	94.22%	0.00%	93.73%	0.00%	93.67%	0.00%	90.41%	0.00%	90.25%	0.00%
DSL	86.80%	0.00%	86.59%	0.00%	85.59%	0.00%	85.39%	0.00%	73.00%	0.00%	72.22%	0.00%
Asymmetric	86.49%	0.00%	86.28%	0.00%	85.26%	0.00%	85.06%	0.00%	72.86%	0.00%	72.09%	0.00%
Symmetric	13.43%	0.00%	13.01%	0.00%	13.09%	0.00%	12.71%	0.00%	5.07%	0.00%	4.79%	0.00%
Copper	22.32%	0.00%	22.08%	0.00%	21.62%	0.00%	21.41%	0.00%	18.17%	0.00%	17.96%	0.00%
Cable	82.32%	0.00%	82.17%	0.00%	81.48%	0.00%	81.34%	0.00%	80.20%	0.00%	80.10%	0.00%
DOCSIS 3.0	29.07%	0.00%	29.06%	0.00%	27.83%	0.00%	27.86%	0.00%	27.72%	0.00%	27.76%	0.00%
Cable Other	59.10%	0.00%	59.04%	0.00%	58.96%	0.00%	58.89%	0.00%	57.51%	0.00%	57.51%	0.00%
Fiber	14.37%	0.00%	14.51%	0.00%	13.46%	0.00%	13.63%	0.00%	13.25%	0.00%	13.44%	0.00%
BPL	0.02%	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%
Any Wireless	96.84%	1.63%	96.93%	1.62%	95.21%	1.63%	95.35%	1.62%	81.34%	2.09%	81.33%	2.17%
Terrestrial Fixed	32.34%	3.45%	32.80%	3.53%	30.77%	3.45%	31.26%	3.53%	23.07%	2.60%	23.73%	2.66%
Unlicensed	21.29%	3.08%	21.53%	3.12%	21.25%	3.08%	21.49%	3.11%	15.80%	2.29%	16.12%	2.31%
Licensed	18.23%	1.12%	18.61%	1.18%	16.67%	1.12%	17.10%	1.18%	13.15%	0.77%	13.73%	0.83%
Terrestrial Mobile	96.15%	1.72%	96.26%	1.71%	94.88%	1.69%	95.03%	1.68%	78.66%	2.05%	78.53%	2.14%
Other	1.55%	0.08%	1.54%	0.08%	0.15%	0.00%	0.14%	0.00%	0.08%	0.00%	0.08%	0.00%

Nationwide Availability of Broadband Download Speed by Technology Type

Technology	BB Speed > 768 mbps DL				BB Speed > 1.5 mbps DL				BB Speed > 3 mbps DL				BB Speed > 6 mbps DL			
	HHU		Pop		HHU		Pop		HHU		Pop		HHU		Pop	
	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)
Any Technology	98.30%	0.54%	98.33%	0.54%	97.67%	0.54%	97.70%	0.55%	96.05%	0.49%	95.98%	0.50%	90.39%	0.17%	90.33%	0.19%
Wireline	93.80%	0.00%	93.73%	0.00%	93.47%	0.00%	93.40%	0.00%	91.72%	0.00%	91.52%	0.00%	89.25%	0.00%	89.08%	0.00%
DSL	85.88%	0.00%	85.69%	0.00%	84.97%	0.00%	84.76%	0.00%	75.69%	0.00%	74.78%	0.00%	68.45%	0.00%	67.62%	0.00%
Asymmetric	85.57%	0.00%	85.37%	0.00%	84.66%	0.00%	84.45%	0.00%	75.42%	0.00%	74.51%	0.00%	68.34%	0.00%	67.51%	0.00%
Symmetric	13.09%	0.00%	12.71%	0.00%	10.41%	0.00%	10.07%	0.00%	5.88%	0.00%	5.61%	0.00%	0.33%	0.00%	0.30%	0.00%
Copper	21.62%	0.00%	21.41%	0.00%	21.32%	0.00%	21.12%	0.00%	18.19%	0.00%	17.98%	0.00%	6.27%	0.00%	6.02%	0.00%
Cable	81.49%	0.00%	81.35%	0.00%	81.40%	0.00%	81.27%	0.00%	81.29%	0.00%	81.16%	0.00%	80.67%	0.00%	80.55%	0.00%
DOCSIS 3.0	27.83%	0.00%	27.86%	0.00%	27.82%	0.00%	27.85%	0.00%	27.80%	0.00%	27.83%	0.00%	27.75%	0.00%	27.78%	0.00%
Cable Other	58.97%	0.00%	58.91%	0.00%	58.90%	0.00%	58.83%	0.00%	58.78%	0.00%	58.73%	0.00%	58.17%	0.00%	58.13%	0.00%
Fiber	13.54%	0.00%	13.71%	0.00%	13.52%	0.00%	13.70%	0.00%	13.40%	0.00%	13.60%	0.00%	13.24%	0.00%	13.44%	0.00%
BPL	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
Any Wireless	95.22%	1.63%	95.36%	1.62%	91.42%	1.88%	91.60%	1.90%	81.38%	2.08%	81.36%	2.16%	36.40%	2.53%	37.15%	2.68%
Terrestrial Fixed	30.77%	3.45%	31.26%	3.53%	29.21%	3.30%	29.74%	3.37%	23.66%	2.69%	24.28%	2.75%	18.50%	1.64%	19.20%	1.72%
Unlicensed	21.25%	3.08%	21.49%	3.11%	19.68%	2.89%	19.95%	2.91%	16.37%	2.38%	16.66%	2.40%	10.90%	1.47%	11.23%	1.48%
Licensed	16.67%	1.12%	17.10%	1.18%	16.48%	1.10%	16.90%	1.15%	13.32%	0.79%	13.88%	0.85%	12.38%	0.67%	12.87%	0.72%
Terrestrial Mobile	94.88%	1.68%	95.04%	1.68%	90.70%	1.89%	90.91%	1.92%	78.66%	2.05%	78.53%	2.14%	25.14%	1.79%	25.51%	1.92%
Other	0.15%	0.00%	0.14%	0.00%	0.15%	0.00%	0.14%	0.00%	0.12%	0.00%	0.12%	0.00%	0.08%	0.00%	0.08%	0.00%

Technology	BB Speed > 10 mbps DL				BB Speed > 25 mbps DL				BB Speed > 50 mbps DL				BB Speed > 100 mbps DL			
	HHU		Pop		HHU		Pop		HHU		Pop		HHU		Pop	
	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)	%	Margin of Error (+ / -)
Any Technology	85.48%	0.09%	85.37%	0.10%	49.47%	0.14%	49.79%	0.14%	45.66%	0.05%	46.11%	0.05%	10.19%	0.05%	10.54%	0.05%
Wireline	84.95%	0.00%	84.81%	0.00%	49.00%	0.00%	49.31%	0.00%	45.45%	0.00%	45.90%	0.00%	10.01%	0.00%	10.36%	0.00%
DSL	51.32%	0.00%	50.66%	0.00%	10.61%	0.00%	10.69%	0.00%	7.89%	0.00%	8.07%	0.00%	0.01%	0.00%	0.01%	0.00%
Asymmetric	51.23%	0.00%	50.57%	0.00%	10.49%	0.00%	10.60%	0.00%	7.88%	0.00%	8.06%	0.00%	0.00%	0.00%	0.00%	0.00%
Symmetric	0.19%	0.00%	0.17%	0.00%	0.11%	0.00%	0.09%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.00%
Copper	6.00%	0.00%	5.77%	0.00%	0.79%	0.00%	0.72%	0.00%	0.44%	0.00%	0.40%	0.00%	0.40%	0.00%	0.36%	0.00%
Cable	77.68%	0.00%	77.65%	0.00%	42.83%	0.00%	42.94%	0.00%	39.95%	0.00%	40.19%	0.00%	8.12%	0.00%	8.50%	0.00%
DOCSIS 3.0	27.47%	0.00%	27.50%	0.00%	24.63%	0.00%	24.78%	0.00%	23.89%	0.00%	24.05%	0.00%	6.36%	0.00%	6.70%	0.00%
Cable Other	55.23%	0.00%	55.28%	0.00%	21.29%	0.00%	21.40%	0.00%	19.14%	0.00%	19.38%	0.00%	4.61%	0.00%	4.79%	0.00%
Fiber	13.15%	0.00%	13.35%	0.00%	12.26%	0.00%	12.45%	0.00%	11.87%	0.00%	12.06%	0.00%	2.12%	0.00%	2.14%	0.00%
BPL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Any Wireless	7.75%	1.34%	7.86%	1.38%	3.28%	0.37%	3.36%	0.37%	1.11%	0.15%	1.12%	0.16%	0.18%	0.05%	0.18%	0.05%
Terrestrial Fixed	6.93%	1.04%	7.06%	1.07%	3.28%	0.37%	3.36%	0.37%	1.11%	0.15%	1.12%	0.16%	0.18%	0.05%	0.18%	0.05%
Unlicensed	4.95%	0.60%	5.07%	0.59%	2.42%	0.30%	2.50%	0.30%	0.28%	0.10%	0.28%	0.10%	0.10%	0.04%	0.10%	0.04%
Licensed	3.67%	0.50%	3.74%	0.53%	0.85%	0.07%	0.86%	0.07%	0.83%	0.05%	0.84%	0.05%	0.08%	0.00%	0.08%	0.00%
Terrestrial Mobile	0.82%	0.30%	0.79%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other	0.08%	0.00%	0.08%	0.00%	0.08%	0.00%	0.08%	0.00%	0.03%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%

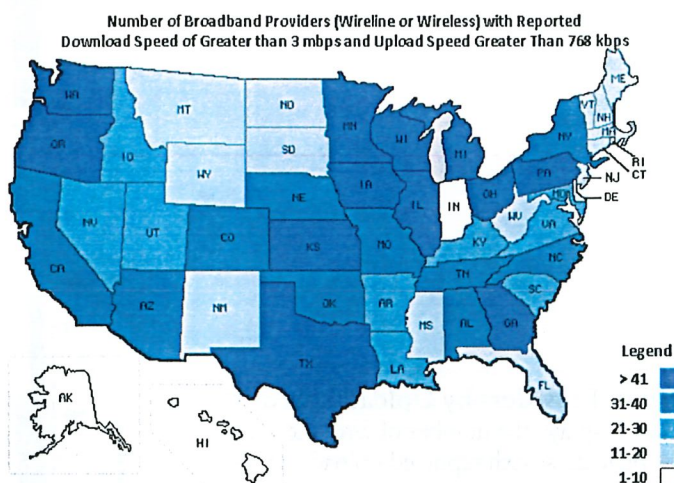
Report Description:

This report highlights the number of providers who offer broadband service at particular speed tiers (or above).

- Data as of June 2011, Report published February 2011

Map

The map illustrates the number of providers offering a download speed of greater than 3 mbps, and an upload speed of greater than 768 kbps.



Table

This table displays the number of providers, by state, with reported access to download speeds ≥ 3 mbps and upload speeds ≥ 768 kbps.

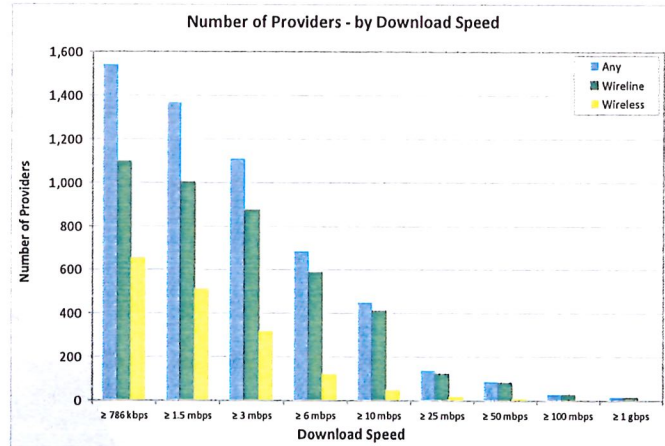
State Name	State Abbr	# Providers with DL ≥ 3 mbps, UL ≥ 768 kbps	State Name	State Abbr	# Providers with DL ≥ 3 mbps, UL ≥ 768 kbps
Alabama	AL	34	Montana	MT	17
Alaska	AK	7	Nebraska	NE	35
American Samoa	AS	1	Nevada	NV	25
Arizona	AZ	32	New Hampshire	NH	11
Arkansas	AR	24	New Jersey	NJ	17
California	CA	38	New Mexico	NM	18
Colorado	CO	36	New York	NY	35
Connecticut	CT	20	North Carolina	NC	33
Delaware	DE	10	North Dakota	ND	20
District of Columbia	DC	15	Ohio	OH	58
Florida	FL	15	Oklahoma	OK	36
Georgia	GA	47	Oregon	OR	55
Hawaii	HI	3	Pennsylvania	PA	54
Idaho	ID	25	Puerto Rico	PR	2
Illinois	IL	58	Rhode Island	RI	10
Indiana	IN	3	South Carolina	SC	29
Iowa	IA	114	South Dakota	SD	20
Kansas	KS	48	Tennessee	TN	39
Kentucky	KY	30	Texas	TX	82
Louisiana	LA	27	Utah	UT	30
Maine	ME	18	Vermont	VT	18
Maryland	MD	29	Virgin Islands	VI	0
Massachusetts	MA	14	Virginia	VA	22
Michigan	MI	55	Washington	WA	44
Minnesota	MN	54	West Virginia	WV	11
Mississippi	MS	18	Wisconsin	WI	51
Missouri	MO	35	Wyoming	WY	11

Broadband Statistics Report

Number of Providers by Speed Tier

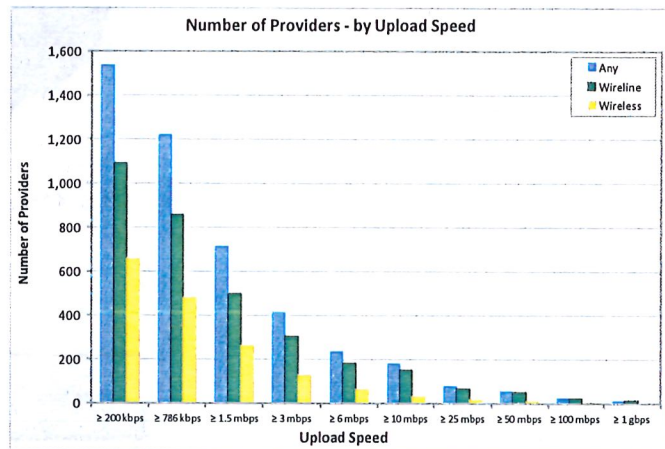
Number of Providers by Download Speed

This chart displays the number of wireline and wireless providers with reported download speeds for various speed tiers.



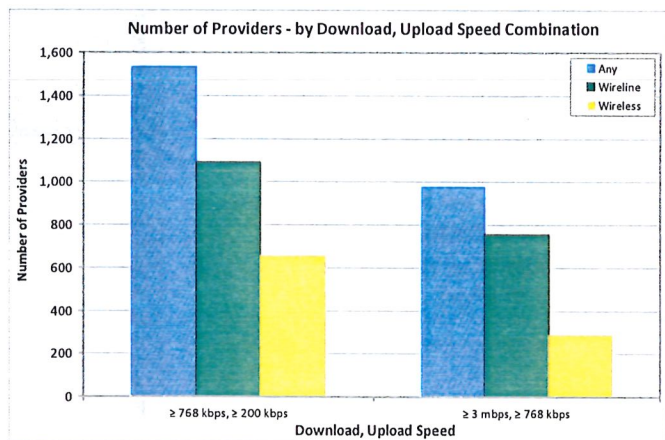
Number of Providers by Upload Speed

This chart displays the number of wireline and wireless providers with reported upload speeds for various speed tiers.



Number of Providers by Download and Upload Speed Combinations

This chart displays the number of wireline and wireless providers with reported speed combinations ≥ 768 kbps download and ≥ 200 kbps upload, as well as the number of providers with reported speed combinations of ≥ 3 mbps download and ≥ 768 kbps UL.



Number of Providers (Wireless or Wireline) by Download Speed Tier

Geography Information		Download Speed								
State Name	State Abbr	≥ 768 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps
NATIONWIDE		1,538	1,366	1,109	683	450	136	84	27	13
Alaska	AK	19	13	8	3	2				
Alabama	AL	53	45	37	27	17	3	3	2	2
Arkansas	AR	59	50	28	20	15				
American Samoa	AS	2	1	1						
Arizona	AZ	53	49	38	26	16	7	4	1	1
California	CA	53	47	39	34	27	11	10	4	3
Colorado	CO	54	46	38	15	10	7	4	2	1
Connecticut	CT	24	23	20	18	15	11	10	4	4
District of Columbia	DC	27	25	15	13	10	6	5	3	1
Delaware	DE	19	16	11	9	7	4	4	1	1
Florida	FL	21	19	18	17	15	6	4	1	
Georgia	GA	63	58	52	45	33	11	9	4	2
Hawaii	HI	8	5	3	3	3	1	1		
Iowa	IA	181	158	127	58	39	7	6	1	1
Idaho	ID	42	35	28	23	14	5	3	1	1
Illinois	IL	101	88	69	36	22	2	2		
Indiana	IN	6	5	5	3	3	2	2		
Kansas	KS	74	67	55	35	26	6	4	1	
Kentucky	KY	56	52	38	27	15	3	2	1	1
Louisiana	LA	38	33	29	26	21	7	7	1	1
Massachusetts	MA	22	17	14	13	11	7	4	1	1
Maryland	MD	39	36	32	25	20	12	6	4	2
Maine	ME	28	24	20	15	3	2	1		
Michigan	MI	92	75	62	37	20	2	1		
Minnesota	MN	78	71	60	44	37	9	4		
Missouri	MO	58	53	45	27	20	11	9	4	2
Mississippi	MS	30	24	20	13	11	3	3	2	2
Montana	MT	35	32	24	16	8	1			
North Carolina	NC	40	39	34	25	16	4	2	1	
North Dakota	ND	34	28	25	16	12	4	1		
Nebraska	NE	52	49	43	25	15	2	2		
New Hampshire	NH	18	15	12	8	6	3	1		
New Jersey	NJ	23	21	17	16	14	9	8	2	2
New Mexico	NM	27	21	18	13	9	3	2		
Nevada	NV	41	36	27	17	6	4	2		
New York	NY	57	51	39	30	22	15	11	4	4
Ohio	OH	93	86	70	34	24	6	3	1	1
Oklahoma	OK	57	51	41	26	18	8	4	2	2
Oregon	OR	72	64	57	48	37	21	12	4	3
Pennsylvania	PA	65	60	57	47	40	16	12	4	3
Puerto Rico	PR	4	3	2	1	1				
Rhode Island	RI	14	13	11	10	7	6	5	3	3
South Carolina	SC	38	35	30	29	22	3	2		
South Dakota	SD	35	30	26	14	10	2	1	1	
Tennessee	TN	66	59	46	35	22	7	4	1	
Texas	TX	127	115	92	53	30	7	4		
Utah	UT	40	38	31	26	19	10	8	2	1
Virginia	VA	28	25	23	18	15	7	6	1	
Virgin Islands	VI	4	1							
Vermont	VT	35	26	18	13	10	3	2	2	1
Washington	WA	54	50	43	36	27	15	9	2	2
Wisconsin	WI	72	61	57	35	25	6	3	1	1
West Virginia	WV	20	16	12	10	6	2	1		
Wyoming	WY	22	18	14	12	8	1	1	1	1

Number of Providers (Wireline or Wireless) by Upload Speed Tier and Speed Combinations

Geography Information		Upload Speed										Download Speed, Upload Speed	
State Name	State Abbr	≥ 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		1,534	1,219	712	413	234	179	78	55	24	11	1,534	975
Alaska	AK	19	13	4	3							19	7
Alabama	AL	53	43	17	12	7	6	2	2	2	2	53	34
Arkansas	AR	59	43	19	6	1	1					59	24
American Samoa	AS	2	1									2	1
Arizona	AZ	52	42	24	10	6	5	4	3	1	1	53	32
California	CA	52	44	34	18	14	12	8	7	2	2	52	38
Colorado	CO	54	47	27	18	10	8	5	4	2	1	54	36
Connecticut	CT	24	22	20	15	13	12	7	6	3	3	24	20
District of Columbia	DC	27	24	21	11	9	8	5	4	3	1	27	15
Delaware	DE	19	16	9	7	6	4	1	1	1	1	19	10
Florida	FL	21	15	13	8	7	6	2	2	1	1	21	15
Georgia	GA	63	53	34	15	12	12	6	6	4	2	63	47
Hawaii	HI	8	5	1	1	1	1	1	1			8	3
Iowa	IA	181	148	82	46	20	15	4	4	1	1	181	114
Idaho	ID	42	33	14	12	9	5	2	1	1	1	42	25
Illinois	IL	101	79	44	18	11	8					101	58
Indiana	IN	8	4	2	2	2	2	1	1			6	3
Kansas	KS	74	59	37	17	8	6	4	3	1	1	74	48
Kentucky	KY	56	40	19	9	4	2	2	2	1	1	56	30
Louisiana	LA	40	33	25	14	10	10	4	4	1	1	38	27
Massachusetts	MA	22	18	12	9	7	7	4	2	1	1	22	14
Maryland	MD	39	33	26	18	16	14	9	4	4	2	39	29
Maine	ME	28	22	8	4	2	2					28	18
Michigan	MI	92	69	33	12	5	3					92	55
Minnesota	MN	78	63	43	29	17	14	3				78	54
Missouri	MO	58	41	26	15	12	10	7	6	4	2	58	35
Mississippi	MS	28	20	12	8	5	5	2	2	2	2	28	18
Montana	MT	33	20	12	8	3	1					33	17
North Carolina	NC	44	37	23	12	6	6	3	1	1		40	33
North Dakota	ND	32	24	15	8	3	2	2				32	20
Nebraska	NE	52	42	26	8	6	4	1	1			52	35
New Hampshire	NH	18	14	7	4	3	3	2				18	11
New Jersey	NJ	23	21	17	13	11	11	5	4	1	1	23	17
New Mexico	NM	27	21	13	6	3	2	1	1			27	18
Nevada	NV	41	33	16	9	5	3	1	1			41	25
New York	NY	55	44	25	21	15	14	9	6	3	3	55	35
Ohio	OH	93	73	44	21	10	7	3	2	1	1	93	58
Oklahoma	OK	57	39	27	14	8	7	3	3	2	2	57	36
Oregon	OR	73	62	43	32	23	19	10	7	3	2	72	55
Pennsylvania	PA	65	59	39	32	23	23	10	8	4	3	65	54
Puerto Rico	PR	4	3	1								4	2
Rhode Island	RI	14	13	12	8	6	6	4	3	3	3	14	10
South Carolina	SC	38	30	18	10	7	7	1				38	29
South Dakota	SD	34	26	11	5	1	1	1	1	1		34	20
Tennessee	TN	66	44	28	12	10	10	2	1			66	39
Texas	TX	127	98	58	26	11	8	2				127	82
Utah	UT	40	34	25	17	13	10	6	5	2	1	40	30
Virginia	VA	28	23	17	12	8	8	4	3	1		28	22
Virgin Islands	VI	4	1									4	
Vermont	VT	35	21	12	7	6	5	3	2	2	1	35	18
Washington	WA	54	48	39	25	20	17	8	6	2	2	54	44
Wisconsin	WI	72	59	29	16	12	9	3	2	1	1	72	51
West Virginia	WV	21	13	6	4	2	2					20	11
Wyoming	WY	22	17	11	6	4	3	1	1	1	1	22	11

Number of Wireline Providers by Download Speed Tier

Geography Information		Download Speed								
State Name	State Abbr	≥ 768 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps
NATIONWIDE		1,098	1,001	874	587	411	123	80	27	15
Alaska	AK	10	6	6	3	2				
Alabama	AL	44	38	33	27	17	3	3	2	2
Arkansas	AR	35	28	25	19	15				
American Samoa	AS	2	1	1	1	1	1	1	1	1
Arizona	AZ	32	31	28	22	14	6	3	1	1
California	CA	35	32	29	28	25	10	10	4	3
Colorado	CO	30	26	24	13	10	7	4	2	1
Connecticut	CT	21	21	20	17	15	11	10	4	4
District of Columbia	DC	20	20	13	12	10	6	5	3	1
Delaware	DE	10	10	9	8	7	4	4	1	1
Florida	FL	16	16	16	15	14	6	4	1	
Georgia	GA	52	52	47	42	31	10	8	3	3
Hawaii	HI	3	3	3	3	3	1	1		
Iowa	IA	159	142	116	52	37	6	5		
Idaho	ID	31	29	24	22	14	5	3	1	1
Illinois	IL	56	51	46	26	19	2	2		
Indiana	IN	5	5	5	3	3	2	2		
Kansas	KS	48	46	43	31	25	5	4	1	
Kentucky	KY	38	38	34	26	15	3	2	1	1
Louisiana	LA	32	30	26	24	20	7	7	1	1
Massachusetts	MA	14	13	13	12	11	7	4	1	1
Maryland	MD	27	27	26	21	18	10	6	4	2
Maine	ME	16	16	16	15	3	2	1		
Michigan	MI	59	56	49	32	19	2	1		
Minnesota	MN	62	57	54	40	34	8	4		
Missouri	MO	45	43	39	25	20	11	9	4	2
Mississippi	MS	24	20	17	12	11	3	3	2	2
Montana	MT	20	19	15	13	8	1			
North Carolina	NC	26	25	24	20	15	3	2	1	
North Dakota	ND	27	25	22	15	12	4	1		
Nebraska	NE	44	44	41	25	14	2	2		
New Hampshire	NH	9	9	9	7	6	3	1		
New Jersey	NJ	19	19	16	15	14	9	8	2	2
New Mexico	NM	23	18	17	13	9	3	2		
Nevada	NV	21	20	16	13	5	4	2		
New York	NY	49	45	35	28	22	15	11	4	4
Ohio	OH	52	50	45	25	20	5	2	1	1
Oklahoma	OK	46	42	36	24	18	8	4	2	2
Oregon	OR	55	51	48	42	33	19	11	4	3
Pennsylvania	PA	51	49	47	38	33	13	10	3	3
Puerto Rico	PR	2	2	2	1	1				
Rhode Island	RI	11	11	10	9	7	6	5	3	3
South Carolina	SC	30	30	29	28	21	2	2		
South Dakota	SD	28	25	23	14	10	2	1	1	
Tennessee	TN	42	39	35	32	21	7	4	1	
Texas	TX	75	70	58	40	25	6	4		
Utah	UT	26	26	24	23	19	9	8	2	1
Virginia	VA	22	21	19	16	15	7	5	1	
Virgin Islands	VI	1								
Vermont	VT	19	17	15	13	10	3	2	2	1
Washington	WA	41	39	36	33	28	17	10	4	3
Wisconsin	WI	62	57	55	35	25	6	3	1	1
West Virginia	WV	15	13	11	10	6	2	1		
Wyoming	WY	15	14	12	11	8	1	1	1	

Number of Wireline Providers by Upload Speed Tier and Speed Combinations

Geography Information		Upload Speed										Download Speed, Upload Speed	
State Name	State Abbr	≥ 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		1,093	859	497	304	182	153	68	51	24	13	1,092	754
Alaska	AK	10	5	1	1							10	5
Alabama	AL	44	36	16	12	7	6	2	2	2	2	44	30
Arkansas	AR	35	23	11	5	1	1					35	21
American Samoa	AS	2	1	1	1	1	1	1	1	1	1	2	1
Arizona	AZ	32	27	17	8	5	4	3	2	1	1	32	24
California	CA	34	28	23	13	11	11	7	7	2	2	34	28
Colorado	CO	30	26	16	12	9	8	5	4	2	1	30	23
Connecticut	CT	21	21	19	14	12	12	7	6	3	3	21	20
District of Columbia	DC	20	20	20	11	9	8	5	4	3	1	20	14
Delaware	DE	10	10	8	6	5	4	1	1	1	1	10	9
Florida	FL	16	14	12	8	7	6	2	2	1		16	14
Georgia	GA	52	46	30	14	11	11	5	5	3	3	52	41
Hawaii	HI	3	3	1	1	1	1	1	1			3	3
Iowa	IA	159	128	69	36	17	13	3	3			159	102
Idaho	ID	31	25	13	12	9	5	2	1	1	1	31	21
Illinois	IL	56	40	20	7	5	5					56	37
Indiana	IN	5	3	2	2	2	2	1	1			5	3
Kansas	KS	48	40	26	16	7	5	3	3	1		48	37
Kentucky	KY	38	31	17	9	4	2	2	2	1	1	38	28
Louisiana	LA	33	29	22	13	9	9	4	4	1	1	32	24
Massachusetts	MA	14	13	11	9	7	7	4	2	1	1	14	13
Maryland	MD	27	26	22	16	15	13	8	4	4	2	27	25
Maine	ME	16	15	3	3	2	2					16	15
Michigan	MI	59	48	20	6	3	3					59	42
Minnesota	MN	62	54	35	26	15	14	3				62	48
Missouri	MO	45	35	21	14	11	10	7	6	4	2	45	31
Mississippi	MS	22	17	9	6	5	5	2	2	2	2	22	15
Montana	MT	16	11	6	5	2	1					16	10
North Carolina	NC	26	23	15	8	5	5	2	1	1		26	23
North Dakota	ND	23	20	12	7	2	2	2				23	17
Nebraska	NE	45	38	23	7	5	3	1	1			44	33
New Hampshire	NH	9	8	4	4	3	3	2				9	8
New Jersey	NJ	19	18	16	13	11	11	5	4	1	1	19	16
New Mexico	NM	23	18	12	6	3	2	1	1			23	17
Nevada	NV	21	17	7	6	3	2	1	1			21	14
New York	NY	47	36	22	19	14	14	9	6	3	3	47	31
Ohio	OH	52	40	24	13	5	4	2	1	1	1	52	36
Oklahoma	OK	46	33	22	12	8	7	3	3	2	2	46	31
Oregon	OR	55	49	34	25	19	17	9	6	3	2	55	45
Pennsylvania	PA	51	46	30	24	16	16	7	6	3	3	51	44
Puerto Rico	PR	2	2	1								2	2
Rhode Island	RI	11	11	11	8	6	6	4	3	3	3	11	9
South Carolina	SC	30	27	15	9	6	6					30	28
South Dakota	SD	28	20	9	5	1	1	1	1	1		27	17
Tennessee	TN	42	32	22	10	9	9	2	1			42	31
Texas	TX	75	51	30	14	4	4	1				75	49
Utah	UT	26	25	20	16	12	10	5	5	2	1	26	23
Virginia	VA	22	19	13	10	8	8	4	2	1		22	18
Virgin Islands	VI	1										1	
Vermont	VT	19	14	10	7	6	5	3	2	2	1	19	15
Washington	WA	41	36	31	22	20	19	10	7	4	3	41	36
Wisconsin	WI	62	55	27	15	12	9	3	2	1	1	62	49
West Virginia	WV	15	11	4	4	2	2					15	10
Wyoming	WY	15	11	9	6	4	3	1	1	1	1	15	9

Number of Wireless Providers by Download Speed Tier

Geography Information		Download Speed								
State Name	State Abbr	≥ 768 kbps	≥ 1.5 mbps	≥ 3 mbps	≥ 6 mbps	≥ 10 mbps	≥ 25 mbps	≥ 50 mbps	≥ 100 mbps	≥ 1 gbps
NATIONWIDE		656	512	320	123	51	19	11	4	1
Alaska	AK	12	8	2						
Alabama	AL	11	7	4						
Arkansas	AR	26	24	3	1					
American Samoa	AS	1	1	1						
Arizona	AZ	22	18	10	3	2	1	1		
California	CA	21	17	11	7	2	1			
Colorado	CO	30	24	17	2					
Connecticut	CT	6	5	2	1	1				
District of Columbia	DC	10	8	3	1					
Delaware	DE	11	7	3	1					
Florida	FL	7	5	3	2	1				
Georgia	GA	14	9	7	5	4	3	2	2	
Hawaii	HI	5	2							
Iowa	IA	59	37	22	6	2	1	1	1	1
Idaho	ID	15	9	5	2					
Illinois	IL	59	46	28	11	4				
Indiana	IN	1								
Kansas	KS	42	32	18	5	2	1			
Kentucky	KY	20	16	5	1					
Louisiana	LA	8	5	4	3	2				
Massachusetts	MA	9	5	2	1					
Maryland	MD	12	9	6	3	1				
Maine	ME	14	10	5						
Michigan	MI	43	26	17	5	1				
Minnesota	MN	31	23	10	5	3	1			
Missouri	MO	26	19	9	2					
Mississippi	MS	7	5	3	1					
Montana	MT	20	17	9	3					
North Carolina	NC	16	15	10	5	1	1			
North Dakota	ND	20	12	9	2					
Nebraska	NE	18	10	6	2	1				
New Hampshire	NH	9	6	3	1					
New Jersey	NJ	6	4	3	2	1	1	1		
New Mexico	NM	9	6	2						
Nevada	NV	23	19	12	5	1				
New York	NY	12	10	5	2					
Ohio	OH	47	42	28	9	4	1	1		
Oklahoma	OK	20	14	9	2					
Oregon	OR	27	21	14	8	5	2	1		
Pennsylvania	PA	18	15	13	11	9	5	3	1	
Puerto Rico	PR	2	1							
Rhode Island	RI	3	2	1	1					
South Carolina	SC	14	11	4	2	2	1			
South Dakota	SD	12	9	6						
Tennessee	TN	25	21	11	3	1				
Texas	TX	71	60	43	16	5	1			
Utah	UT	15	13	8	4					
Virginia	VA	7	4	4	2					
Virgin Islands	VI	3	1							
Vermont	VT	17	9	3						
Washington	WA	23	19	14	9	2	1	1		
Wisconsin	WI	15	7	3						
West Virginia	WV	6	4	2						
Wyoming	WY	9	5	2	1					

Number of Wireless Providers by Upload Speed Tier and Speed Combinations

Geography Information		Upload Speed										DL Speed, UL Speed	
State Name	State Abbr	≥ 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		656	480	264	130	64	35	17	11	4	1	655	287
Alaska	AK	12	10	3	2							12	2
Alabama	AL	11	9	1								11	4
Arkansas	AR	26	20	8	1							26	3
American Samoa	AS	1	1									1	1
Arizona	AZ	22	17	7	2	1	1	1	1			22	9
California	CA	21	18	12	5	3	1	1				21	11
Colorado	CO	30	26	11	6	1						30	15
Connecticut	CT	6	4	2	1	1	1					6	2
District of Columbia	DC	10	7	3								10	2
Delaware	DE	11	8	2	1	1						11	2
Florida	FL	7	3	2								7	2
Georgia	GA	14	10	6	3	3	3	3	2	2		14	7
Hawaii	HI	5	2									5	
Iowa	IA	59	40	23	13	3	2	1	1	1	1	59	22
Idaho	ID	15	10	2	1							15	5
Illinois	IL	59	46	27	11	6	3					59	25
Indiana	IN	3	1									1	
Kansas	KS	42	28	14	2	1	1	1				42	15
Kentucky	KY	20	11	2								20	3
Louisiana	LA	8	6	4	2	2	2					8	4
Massachusetts	MA	9	6	2								9	2
Maryland	MD	12	8	4	1							12	5
Maine	ME	14	8	5	1							14	4
Michigan	MI	43	28	15	7	2						43	17
Minnesota	MN	31	17	10	5	2						31	9
Missouri	MO	26	13	6	1	1						26	6
Mississippi	MS	7	4	3	2							7	3
Montana	MT	20	9	6	3	1						20	7
North Carolina	NC	16	15	8	4	1	1	1				16	10
North Dakota	ND	20	8	3	1	1						20	5
Nebraska	NE	19	12	5	2	2	1					18	6
New Hampshire	NH	9	6	3								9	3
New Jersey	NJ	6	5	3	1	1	1	1	1			6	3
New Mexico	NM	9	5	2								9	2
Nevada	NV	23	19	10	3	2	1					23	12
New York	NY	12	11	6	2	1						12	5
Ohio	OH	47	38	21	8	5	3	1	1			47	25
Oklahoma	OK	19	10	5	2							19	7
Oregon	OR	29	20	14	7	4	2	1	1			27	13
Pennsylvania	PA	18	17	13	10	9	9	5	3	1		18	13
Puerto Rico	PR	2	1									2	
Rhode Island	RI	3	2	1								3	1
South Carolina	SC	14	8	4	1	1	1	1				14	4
South Dakota	SD	11	8	3								11	4
Tennessee	TN	25	13	6	2	1	1					25	8
Texas	TX	71	55	31	12	7	4	1				71	39
Utah	UT	15	10	6	2	1						15	8
Virginia	VA	7	4	4	2							7	4
Virgin Islands	VI	3	1									3	
Vermont	VT	17	7	2								17	3
Washington	WA	23	19	14	8	5	1	1	1			23	13
Wisconsin	WI	15	7	2	1							15	3
West Virginia	WV	6	3	2								6	2
Wyoming	WY	9	6	2								9	2