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Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 17, 2012

Ms. Susan Kannarr, Chief Clerk  
Kansas House of Representatives  
Room 272-W, Statehouse  
Topeka, Kansas 66612

Dear Ms. Kannarr:

The attached report is provided pursuant to the requirements of K.S.A 2010 Supp. 66-1250 through 66-1254. Legislative action during the 2008 session enacted Senate Bill 570 (SB 570) which requires the Commission to provide a report to the Legislature annually regarding broadband service and providers. The report includes service availability and the number of providers by census tract or other geographical unit, year-to-year changes in number of broadband providers by tract, and census tract where broadband is available.

In June 2008, the Federal Communications Commission (FCC) released a new order concerning broadband reporting requirements. The FCC began requiring broadband subscription information be submitted by service providers including broadband availability, service footprint, and speed. The Commission then determined that information provided in the FCC's Form 477 would be utilized to fulfill the Legislature's broadband reporting requirements.

Please feel free to contact me at (785)271-3166 or Christine Aarnes, Chief of Telecommunications, at (785)271-3132, if you need additional information or have questions. The reports can also be viewed on our web site at: <http://kcc.ks.gov>

Sincerely,

Patti Petersen-Klein  
Executive Director, Kansas Corporation Commission

cc: Michael Schmidt, Director, Utilities Division  
Christine Aarnes, Chief of Telecommunications

1500 SW Arrowhead Road  
Topeka, KS 66604-4027



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Mark Sievers, Chairman  
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January 17, 2012

Ms. Pat Saville, Secretary  
Kansas Senate  
Room 325-E, Statehouse  
Topeka, Kansas 66612

Dear Ms. Saville:

The attached report is provided pursuant to the requirements of K.S.A 2010 Supp. 66-1250 through 66-1254. Legislative action during the 2008 session enacted Senate Bill 570 (SB 570) which requires the Commission to provide a report to the Legislature annually regarding broadband service and providers. The report includes service availability and the number of providers by census tract or other geographical unit, year-to-year changes in number of broadband providers by tract, and census tract where broadband is available.

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Sincerely,

Patti Petersen-Klein  
Executive Director, Kansas Corporation Commission

cc: Michael Schmidt, Director, Utilities Division  
Christine Aarnes, Chief of Telecommunications

**2012 BROADBAND AVAILABILITY REPORT  
TO THE KANSAS LEGISLATURE**

PROVIDED  
PURSUANT TO  
K.S.A. 2010 Supp. 66-1250 to1254

**Report on Broadband Availability**  
Provided Pursuant to K.S.A. 2008 Supp. 66-1250 to 1254

**I. Introduction**

The 2008 Kansas Legislature recognized the importance of broadband deployment and enacted Senate Bill 570 (SB 570). SB 570, among other things, requires the Commission to provide a report to the Legislature on January 15, 2009 and annually thereafter, which includes information regarding the availability of broadband service and the number of providers by census tract or other geographic unit indicating whether broadband service is available and the number of providers that offer service to customers in each census tract.<sup>1</sup> Beginning with the 2010 report, the Commission is to report by census tract the change in the number of broadband providers and the geographic area or census tract where broadband service is available.<sup>2</sup>

SB 570 required the Commission to collect this information from broadband service providers by October 1, 2008. However, in the event the federal government or any federal agency implements a national program to collect information regarding broadband service deployment, the provisions of the statute requiring the Commission to collect such data shall no longer be effective and the Commission shall collect broadband service data and report such data to the Legislature in a form and manner that is in conformance with such federal program.<sup>3</sup>

On June 12, 2008, the Federal Communications Commission (FCC) released an order containing new broadband reporting requirements.<sup>4</sup> Pursuant to the *Report and Order*, the FCC was to begin requiring wired, terrestrial fixed wireless and satellite broadband subscription data to be reported on the FCC's Form 477 by census tract rather than zip code. Mobile wireless

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<sup>1</sup> K.S.A. 66-1251(a)(1).

<sup>2</sup> K.S.A. 66-1251(a)(2).

<sup>3</sup> K.S.A. 66-1252.

<sup>4</sup> In the Matter of Development of Nationwide Broadband Data to Evaluate Reasonable and Timely Deployment of Advanced Services to All Americans, Improvement of Wireless Broadband Subscribership Data, and Development of Data on Interconnected Voice over Internet Protocol (VoIP) Subscribership, *Report and Order and Further Notice of Proposed Rulemaking*, WC Docket No. 07-38, released June 12, 2008. (*Report and Order*).

broadband subscribers were to continue reporting by state but the providers were to also begin reporting their broadband service footprints by census tract. The broadband providers were to also report the data by speed of service and type of technology. The speed categories, for both upload and download, delineated by the FCC are: (1) greater than 200 kilobits per second (kbps) but less than 768 kbps; (2) equal to or greater than 768 kbps but less than 1.5 Megabits per second (Mbps); (3) equal to or greater than 1.5 Mbps but less than 3.0 Mbps; (4) equal to or greater than 3.0 Mbps but less than 6.0 Mbps; (5) equal to or greater than 6.0 Mbps but less than 10.0 Mbps; (6) equal to or greater than 25.0 Mbps but less than 100.0 Mbps; and, (8) equal to or greater than 100.0 Mbps.<sup>5</sup> The FCC determined that these changes were to take effect with the March 2009 filing of data reflecting broadband connections as of December 31, 2008.<sup>6</sup>

The Commission initiated a proceeding, Docket No. 09-GIMT-045-GIT, to implement the SB 570 broadband reporting requirements. In that proceeding, the Commission determined that since the FCC initiated a national broadband data collection process, broadband providers were relieved of their October 1, 2008 reporting requirements. The Commission determined it would utilize the data obtained from the FCC's Form 477 to fulfill the broadband reporting requirements.

## **II. Statutorily Required Information**

As required by the statute, information regarding the number of providers offering broadband service in each census tract is provided in Attachment A. The difference between the

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<sup>5</sup> *Report and Order*, paragraph 20.

<sup>6</sup> *Report and Order*, footnote 47.

number of broadband service providers as of December 31, 2009 and December 31, 2010, is provided pursuant to K.S.A. 66-1251(a)(2) in Attachment B.<sup>7</sup>

### **III. Additional Information**

#### **A. National Broadband Activities**

Broadband has become crucial to economic growth and civic life. Businesses need broadband to attract customers and employees, job-seekers need broadband to find jobs and training, and children need broadband to get a world-class education. Broadband can overcome geographical and financial barriers to provide access to a wide range of educational, cultural, and recreational opportunities and resources. Broadband also helps lower the costs and improve the quality of health care by facilitating the provision of medical care to unserved and underserved populations through remote diagnosis, treatment, monitoring, and consultations with specialists. Broadband can promote economic development and revitalization through electronic commerce by creating new jobs and attracting new industries and by providing access to regional, national and worldwide markets.

Recognizing this, in early 2009 Congress directed the FCC to develop a National Broadband Plan (NBP) to ensure every American has “access to broadband capability.” Congress also required that the plan include a detailed strategy for achieving affordability and maximizing use of broadband to advance, among other things, consumer welfare, community development, health care delivery, energy independence and efficiency, education, entrepreneurial activity, job creation and economic growth.

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<sup>7</sup> FCC filings for December 31, 2011 data are due to be filed by March 1, 2012. Data as of June 30, 2011 was filed with the FCC by September 1, 2011, but the FCC has not released this data to the public.

On March 16, 2010, the FCC delivered to Congress a NBP recommending that the FCC adopt cost-cutting measures for existing voice support and create a Connect America Fund, without increasing the overall size of the fund, to support the provision of broadband communications in areas that would be unserved without such support or that depend on universal service support for the maintenance of existing broadband service. The FCC has already initiated numerous proceedings aimed at implementing the NBP and intends to initiate many more in the next few months and years in order to attain the goals outlined in the NBP.

In order to ensure all Americans have access to networks that support high-speed Internet access, especially in areas where it is costly to serve areas and private sector economics do not add up, the FCC released a *Report and Order and FNPRM* on November 16, 2011, in which it is overhauling its legacy federal universal service fund and explicitly funding and requiring wireline and wireless broadband deployment. Specifically, the FCC is requiring broadband with actual speeds of 4 Mbps downstream and 1 Mbps upstream, with latency suitable for real-time applications and with monthly usage capacity reasonably comparable to that of residential terrestrial fixed broadband offerings in urban areas.<sup>8</sup>

## **B. Broadband Data**

According to the FCC's most recent *Internet Access Services* report based on Form 477 data as of December 31, 2010, Kansas has 98 individual providers by technology providing at least 200 kbps in at least one direction. Kansas ranks favorably compared to surrounding states, as illustrated in Table 1 below.<sup>9</sup>

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<sup>8</sup> In the Matter of Connect America Fund, Lifeline and Link-Up, et. al., WC Docket No. 10-90, GN Docket No. 09-51, WC Docket No. 07-135, WC Docket No. 05-337, CC Docket No. 01-92, CC Docket No. 96-45, WC Docket No. 03-109, and WT Docket No. 10-208, *Report and Order and Further Notice of Proposed Rulemaking*, rel. Nov. 18, 2011, (“*Report and Order and FNPRM*”)

<sup>9</sup> FCC report *Internet Access Services: Status as of December 31, 2010*, (Table 23). Complete report is available at [www.fcc.gov/wcb/stats](http://www.fcc.gov/wcb/stats). High Speed is defined by the FCC as connections over 200 kbps in at least one direction.

Table 1, below, identifies the number of providers of connections over 200 kbps in at least one direction by technology by state. The four surrounding states: Colorado, Missouri, Nebraska and Oklahoma are included for comparison purposes. In addition, the final column depicts the total number of providers and the change in the number of providers from the prior year. As shown in Table 1, Kansas added seven providers since the prior year and fares quite well in comparison to our surrounding states.

**Table 1: Providers of Connections by Technology by State as of December 31, 2010\*\***  
(Connections over 200 kbps in at least one direction)

State	ADSL	SDSL	Other Wireline	Cable Modem	Fiber	Satellite	Fixed Wireless	Mobile Wireless	Total	+/- Last Yr.
Colorado	36	9	34	17	26	*	31	11	87	-12
Kansas	41	15	22	27	36	*	31	12	98	+7
Missouri	38	14	25	22	25	*	32	8	98	+1
Nebraska	34	7	12	21	28	*	26	8	76	+8
Oklahoma	40	7	22	14	15	*	11	11	76	-4

\* With 1-3 providers this data is shown with an \* in order to protect the service provider's confidentiality.

\*\*Data from Table 23 of the FCC's Internet Access Services Report: Status as of December 31, 2010

Table 2 illustrates the total number of connections over 200 kbps, in thousands, in at least one direction by technology by state. Again, information on the four surrounding states is provided for comparison purposes.

**Table 2: Connections by Technology by State as of December 31, 2010\*\***  
(Connections over 200 kbps in at least one direction, in thousands)

State	ADSL	SDSL	Other Wireline	Cable Modem	Fiber	Satellite	Fixed Wireless	Mobile Wireless	Total	+/- Last Yr.
Colorado	663	2	*	787	6	*	41	1,459	3,001	-12
Kansas	271	1	*	441	28	*	22	794	1,577	+7
Missouri	846	1	*	603	9	*	13	1,615	3,148	+1
Nebraska	169	1	*	309	6	*	19	353	866	+8
Oklahoma	379	#	*	468	10	*	8	1,092	1,995	-4

# = Rounds to zero.

\* With 1-3 providers this data is shown with an \* in order to protect the service provider's confidentiality.

\*\*Data from Table 18 of the FCC's Internet Access Services Report: Status as of December 31, 2010

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The Commission notes the state of Kansas defines "broadband" as "the transmission of digital signals at rates equal to or greater than 1.5 megabits per second." (K.S.A. 66-1,187(a))

Tables 1 and 2 provide data on broadband deployed at speeds of at least 200 kbps in one direction. However, this speed is not adequate for many of the applications used by consumers and businesses today. In order to check e-mail and browse the Internet, a user needs access to download speed of about 0.5 Mbps. However, in order to stream music or video, a user needs access to broadband download speed of 1.5 Mbps to 10 Mbps. Anchor institutions need access to download speeds of at least 10 Mbps to 25 Mbps to provide telemedicine and distance learning. Video conferencing requires speeds of 50 Mbps to 100 Mbps and real-time medical image consultation requires over 100 Mbps.<sup>10</sup> These are just a handful of applications used by consumers and businesses today and the list continues to grow.

Recognizing the demand for higher broadband speeds, the FCC is requiring broadband with actual speeds of 4 Mbps downstream and 1 Mbps upstream. Table 3, below, illustrates the number of connections by technology by state at speeds of at least 3 Mbps download and 768 kbps upload, which is currently the data set closest to that desired by the FCC and the NBP.

**Table 3: Connections by Technology by State as of December 31, 2010\*\*  
(Connections at least 3 mbps downstream and 768 upstream, in thousands)**

State	ADSL	SDSL	Other Wireline	Cable Modem	Fiber	Satellite	Fixed Wireless	Mobile Wireless	Total
Colorado	*	#	5	740	4	*	17	179	1,232
Kansas	41	#	*	212	11	*	#	184	450
Missouri	120	*	5	376	4	*	1	251	757
Nebraska	57	*	#	184	2	0	1	*	264
Oklahoma	44	*	1	296	5	*	*	145	492

\* 1-3 providers. Data withheld by FCC to maintain firm confidentiality.

# = Rounds to zero.

\*\*Data from Table 19 of the FCC's Internet Access Services Report: Status as of December 31, 2010

<sup>10</sup> See <http://www.fcc.gov/print/34422> and <http://broadband.about.com/b/2011/10/01/broadbandspeedtable.htm>

The percentage of connections by downstream speeds is depicted below in Table 4. Data is provided for Kansas, the four surrounding states and the national average for the speed metrics. As depicted in the table, Kansas broadband deployment speeds are comparable to the broadband speeds that have been deployed nationwide. Kansas fares better than some of the surrounding states on some of the speed metrics and worse on other speed metrics.

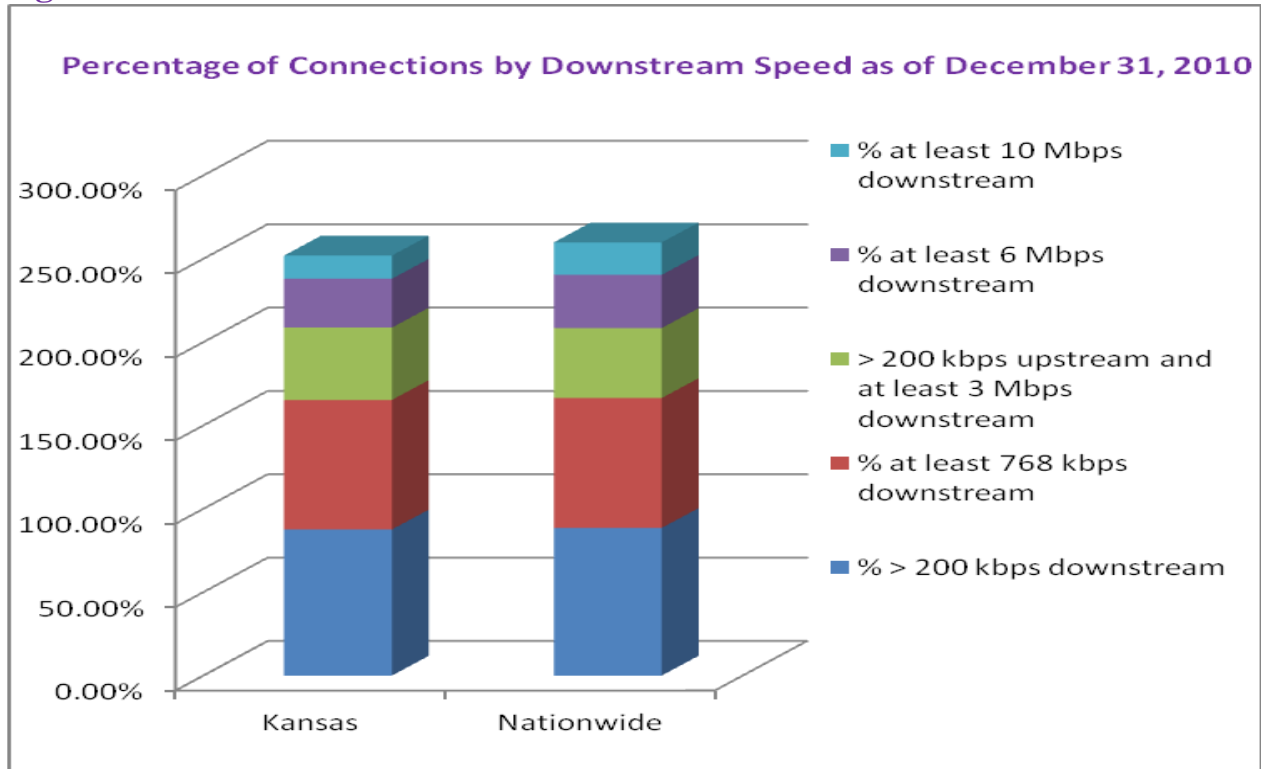
**Table 4: Percentage of Connections by Downstream Speed by State as of December 31, 2010\*\*  
(Connections at least 200 kbps in at least one direction)**

State	% > 200 kbps downstream	% at least 768 kbps downstream	> 200 kbps upstream and at least 3 Mbps downstream	% at least 6 Mbps downstream	% at least 10 Mbps downstream
<b>Colorado</b>	91.20%	79.30%	42.30%	38.20%	24.90%
<b>Kansas</b>	87.70%	77.70%	43.40%	29.30%	13.90%
<b>Missouri</b>	88.90%	80.80%	34.10%	22.70%	6.40%
<b>Nebraska</b>	84.60%	69.10%	43.70%	29.30%	17.20%
<b>Oklahoma</b>	92.10%	87.00%	35.30%	18.20%	14.80%
<b>Nationwide</b>	<b>88.60%</b>	<b>77.90%</b>	<b>42.00%</b>	<b>31.90%</b>	<b>19.50%</b>

\*\*Data from Table 20 of the FCC's Internet Access Services Report: Status as of December 31, 2010

As illustrated in Table 4 and Figure 1 Kansas' broadband deployment at the various speed metrics are comparable to the nation as a whole.

**Figure 1**



#### **IV. Conclusion**

As stated in the NBP, broadband is the great infrastructure challenge of the early 21<sup>st</sup> century. Broadband is a foundation for economic growth, job creation, global competitiveness and a better way of life, but broadband in America is not yet where it needs to be.<sup>11</sup> Similarly, advances in broadband deployment and speeds continue in Kansas, but we are not yet where we need to be. The Commission is mindful of other key economic development initiatives in Kansas touching its regulatory umbrella (e.g., the Mississippian Oil Play in South Central Kansas, Rural Opportunity Zones, etc.). Therefore, the Commission staff is actively reviewing ways to integrate broadband development with those initiatives.

<sup>11</sup> FCC's National Broadband Plan, February 2010, Executive Summary.

## Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9526	Allen	6	5	1	1
Census Tract 9527	Alien	6	6	1	1
Census Tract 9528	Allen	4	1	1	1
Census Tract 9529	Allen	4	1	1	1
Census Tract 9530	Allen	5	5	1	1
Census Tract 9536	Anderson	7	5	1	1
Census Tract 9537	Anderson	4	4	1	4
Census Tract 9816	Atchison	9	7	1	1
Census Tract 9817	Atchison	7	7	1	1
Census Tract 9818	Atchison	8	6	1	1
Census Tract 9819	Atchison	5	1	1	1
Census Tract 9681	Barber	7	6	1	1
Census Tract 9682	Barber	4	4	1	1
Census Tract 9711	Barton	7	6	1	1
Census Tract 9712	Barton	7	7	1	1
Census Tract 9713	Barton	5	4	1	1
Census Tract 9714	Barton	4	4	1	1
Census Tract 9715	Barton	6	4	1	1
Census Tract 9716	Barton	7	5	1	1
Census Tract 9717	Barton	7	4	1	1
Census Tract 9718	Barton	8	7	1	1
Census Tract 9556	Bourbon	5	5	1	1
Census Tract 9557	Bourbon	4	4	0	1
Census Tract 9558	Bourbon	5	5	0	1
Census Tract 9559	Bourbon	4	4	0	1
Census Tract 9560	Bourbon	1	1	0	1
Census Tract 9806	Brown	9	7	1	1
Census Tract 9807	Brown	8	6	1	1
Census Tract 9808	Brown	8	7	1	1
Census Tract 201	Butler	9	7	1	4
Census Tract 202.01	Butler	8	5	1	4
Census Tract 202.02	Butler	7	4	1	4
Census Tract 202.03	Butler	7	5	1	1
Census Tract 203	Butler	6	5	1	4
Census Tract 204	Butler	7	5	1	4
Census Tract 205	Butler	6	1	1	4
Census Tract 206	Butler	8	6	1	4
Census Tract 207	Butler	5	1	1	4
Census Tract 208	Butler	6	5	1	4
Census Tract 209.01	Butler	7	6	1	4
Census Tract 209.02	Butler	7	5	1	1
Census Tract 209.03	Butler	7	7	0	1
Census Tract 9906	Chase	8	7	1	1
Census Tract 9946	Chautauqua	6	5	1	1
Census Tract 9581	Cherokee	7	7	1	4
Census Tract 9582	Cherokee	8	7	0	4
Census Tract 9583	Cherokee	7	6	1	4
Census Tract 9584	Cherokee	6	6	1	4

'1' denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9585	Cherokee	6	5	1	4
Census Tract 9586	Cherokee	7	5	1	4
Census Tract 9502	Cheyenne	6	5	1	1
Census Tract 9671	Clark	6	5	1	1
Census Tract 9581	Clay	6	6	1	4
Census Tract 9582	Clay	6	4	1	1
Census Tract 9771	Cloud	5	5	1	1
Census Tract 9772	Cloud	5	4	0	1
Census Tract 9773	Cloud	4	1	0	1
Census Tract 9774	Cloud	4	4	1	1
Census Tract 9961	Coffey	7	5	1	4
Census Tract 9962	Coffey	7	7	1	1
Census Tract 9963	Coffey	6	1	1	1
Census Tract 9676	Comanche	7	7	1	1
Census Tract 9931	Cowley	8	7	1	1
Census Tract 9932	Cowley	8	7	1	4
Census Tract 9933	Cowley	9	7	1	1
Census Tract 9934	Cowley	5	5	1	1
Census Tract 9935	Cowley	8	7	1	1
Census Tract 9936	Cowley	6	4	1	1
Census Tract 9937	Cowley	5	4	1	1
Census Tract 9938	Cowley	5	5	1	1
Census Tract 9939	Cowley	5	5	1	1
Census Tract 9940	Cowley	4	1	1	1
Census Tract 9941	Cowley	1	1	1	1
Census Tract 9566	Crawford	6	6	1	1
Census Tract 9567	Crawford	6	6	0	1
Census Tract 9568	Crawford	5	1	1	1
Census Tract 9569	Crawford	7	7	1	4
Census Tract 9570	Crawford	6	6	1	4
Census Tract 9571	Crawford	5	1	1	4
Census Tract 9572	Crawford	10	6	1	4
Census Tract 9573	Crawford	6	6	1	5
Census Tract 9574	Crawford	1	1	1	4
Census Tract 9575	Crawford	7	4	1	4
Census Tract 9576	Crawford	8	6	1	5
Census Tract 9511	Decatur	5	4	0	1
Census Tract 9512	Decatur	4	4	0	1
Census Tract 9841	Dickinson	8	7	1	4
Census Tract 9842	Dickinson	6	5	1	1
Census Tract 9843	Dickinson	7	6	1	4
Census Tract 9844	Dickinson	7	5	1	4
Census Tract 9845	Dickinson	6	6	0	4
Census Tract 9846	Dickinson	5	4	1	1
Census Tract 201	Doniphan	6	4	1	4
Census Tract 202	Doniphan	4	4	1	4
Census Tract 203	Doniphan	6	6	1	4
Census Tract 1	Douglas	8	4	1	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over. 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 2	Douglas	9	1	1	4
Census Tract 3	Douglas	5	1	1	4
Census Tract 4	Douglas	4	1	1	4
Census Tract 5.01	Douglas	1	1	1	4
Census Tract 5.02	Douglas	6	1	1	4
Census Tract 6.01	Douglas	5	4	1	4
Census Tract 6.02	Douglas	1	1	1	4
Census Tract 7.01	Douglas	5	1	1	4
Census Tract 7.02	Douglas	4	1	1	4
Census Tract 7.97	Douglas	1	1	1	4
Census Tract 8.01	Douglas	4	1	1	4
Census Tract 8.02	Douglas	4	1	1	4
Census Tract 9.01	Douglas	6	1	1	4
Census Tract 9.02	Douglas	6	1	1	4
Census Tract 10.01	Douglas	5	1	1	4
Census Tract 10.02	Douglas	5	1	1	4
Census Tract 12.01	Douglas	8	6	1	4
Census Tract 12.02	Douglas	6	6	1	1
Census Tract 12.03	Douglas	8	6	1	1
Census Tract 14	Douglas	8	6	1	1
Census Tract 15	Douglas	7	6	1	1
Census Tract 9696	Edwards	7	6	1	4
Census Tract 9697	Edwards	5	5	1	1
Census Tract 9951	Elk	6	6	1	1
Census Tract 9726	Ellis	6	5	1	1
Census Tract 9727	Ellis	8	5	1	1
Census Tract 9728	Ellis	6	4	1	1
Census Tract 9729	Ellis	5	4	1	1
Census Tract 9730	Ellis	5	5	1	1
Census Tract 9866	Ellsworth	8	7	1	4
Census Tract 9867	Ellsworth	6	6	1	1
Census Tract 9601	Finney	9	7	1	1
Census Tract 9602	Finney	6	1	1	1
Census Tract 9603	Finney	4	4	1	1
Census Tract 9604	Finney	7	5	1	1
Census Tract 9605	Finney	8	6	1	1
Census Tract 9606	Finney	7	6	1	1
Census Tract 9616	Ford	5	5	1	1
Census Tract 9617	Ford	7	6	1	1
Census Tract 9618	Ford	8	6	1	1
Census Tract 9619	Ford	8	6	1	1
Census Tract 9620	Ford	7	5	1	1
Census Tract 9621	Ford	8	6	1	1
Census Tract 9541	Franklin	7	7	1	4
Census Tract 9542	Franklin	6	4	1	5
Census Tract 9543	Franklin	4	4	1	5
Census Tract 9544	Franklin	6	4	1	5
Census Tract 9545	Franklin	9	7	1	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 1	Gearly	6	5	1	4
Census Tract 2	Gearly	4	1	1	4
Census Tract 3	Gearly	6	5	1	4
Census Tract 4	Gearly	6	5	1	4
Census Tract 5	Gearly	6	4	1	4
Census Tract 6	Gearly	6	5	1	4
Census Tract 7	Gearly	7	5	1	4
Census Tract 8	Gearly	9	7	1	4
Census Tract 9551	Gove	4	4	1	1
Census Tract 9552	Gove	4	4	1	4
Census Tract 9521	Graham	1	1	0	4
Census Tract 9522	Graham	1	1	1	1
Census Tract 9636	Grant	1	1	1	1
Census Tract 9637	Grant	4	1	1	4
Census Tract 9626	Gray	4	4	1	1
Census Tract 9627	Gray	5	5	1	1
Census Tract 9581	Greeley	5	4	1	1
Census Tract 9956	Greenwood	9	7	1	4
Census Tract 9957	Greenwood	6	5	1	1
Census Tract 9958	Greenwood	5	5	1	1
Census Tract 9586	Hamilton	1	1	1	4
Census Tract 9916	Harper	7	7	1	1
Census Tract 9917	Harper	6	5	1	1
Census Tract 9918	Harper	6	4	0	1
Census Tract 301	Harvey	8	6	1	4
Census Tract 302	Harvey	6	6	1	4
Census Tract 303	Harvey	8	6	1	4
Census Tract 304	Harvey	7	5	1	5
Census Tract 305	Harvey	12	7	1	4
Census Tract 306	Harvey	12	7	1	5
Census Tract 9631	Haskell	5	5	1	1
Census Tract 9611	Hodgeman	5	4	1	1
Census Tract 9826	Jackson	6	6	4	1
Census Tract 9827	Jackson	7	5	1	1
Census Tract 9828	Jackson	8	6	1	1
Census Tract 201	Jefferson	9	7	1	1
Census Tract 202	Jefferson	6	6	1	1
Census Tract 203	Jefferson	7	7	1	1
Census Tract 9761	Jewell	6	6	1	1
Census Tract 9762	Jewell	4	4	1	1
Census Tract 500	Johnson	8	1	1	6
Census Tract 501	Johnson	8	1	1	6
Census Tract 502	Johnson	8	4	1	6
Census Tract 503.01	Johnson	11	1	1	6
Census Tract 503.02	Johnson	12	1	1	5
Census Tract 504	Johnson	7	1	1	6
Census Tract 505	Johnson	7	1	1	6
Census Tract 506	Johnson	10	4	1	6

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 507	Johnson	5	1	1	6
Census Tract 508	Johnson	4	1	1	6
Census Tract 509	Johnson	7	1	1	6
Census Tract 510	Johnson	4	1	1	6
Census Tract 511	Johnson	7	1	1	6
Census Tract 512	Johnson	6	4	1	6
Census Tract 513	Johnson	7	1	1	6
Census Tract 514	Johnson	4	1	1	6
Census Tract 515	Johnson	7	1	1	6
Census Tract 516	Johnson	8	4	1	6
Census Tract 517	Johnson	8	4	1	6
Census Tract 518.01	Johnson	9	1	1	6
Census Tract 518.02	Johnson	11	5	1	5
Census Tract 518.03	Johnson	9	4	1	5
Census Tract 518.04	Johnson	12	4	1	5
Census Tract 518.05	Johnson	12	4	1	5
Census Tract 518.06	Johnson	9	4	1	5
Census Tract 519.02	Johnson	7	1	1	6
Census Tract 519.03	Johnson	10	4	1	5
Census Tract 519.04	Johnson	10	4	1	5
Census Tract 519.05	Johnson	6	1	1	5
Census Tract 519.06	Johnson	9	1	1	5
Census Tract 519.07	Johnson	5	1	1	5
Census Tract 520.01	Johnson	10	4	1	6
Census Tract 520.03	Johnson	7	1	1	5
Census Tract 520.04	Johnson	8	1	1	5
Census Tract 521.01	Johnson	10	5	1	6
Census Tract 521.02	Johnson	7	4	1	5
Census Tract 522.01	Johnson	7	1	1	6
Census Tract 522.02	Johnson	4	1	1	5
Census Tract 523.01	Johnson	6	5	1	6
Census Tract 523.03	Johnson	9	4	1	5
Census Tract 523.04	Johnson	8	4	1	5
Census Tract 524.05	Johnson	11	5	4	6
Census Tract 524.10	Johnson	8	4	i	6
Census Tract 524.11	Johnson	1	1	1	5
Census Tract 524.12	Johnson	7	1	1	5
Census Tract 524.13	Johnson	14	4	1	5
Census Tract 524.14	Johnson	6	1	1	5
Census Tract 524.15	Johnson	13	4	1	5
Census Tract 524.16	Johnson	13	4	1	5
Census Tract 524.17	Johnson	14	5	4	5
Census Tract 525.01	Johnson	9	1	1	6
Census Tract 525.02	Johnson	6	1	1	5
Census Tract 526.01	Johnson	6	5	1	6
Census Tract 526.02	Johnson	5	4	1	5
Census Tract 526.03	Johnson	7	1	1	5
Census Tract 527	Johnson	12	7	1	5

"i" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 528.01	Johnson	11	5	1	6
Census Tract 528.02	Johnson	4	1	1	5
Census Tract 528.03	Johnson	6	4	1	5
Census Tract 529.01	Johnson	14	1	1	6
Census Tract 529.04	Johnson	4	1	1	5
Census Tract 529.05	Johnson	10	1	1	5
Census Tract 529.06	Johnson	4	1	1	5
Census Tract 529.07	Johnson	9	1	1	5
Census Tract 529.08	Johnson	12	4	1	5
Census Tract 530.02	Johnson	14	1	1	6
Census Tract 530.04	Johnson	7	1	1	5
Census Tract 530.05	Johnson	13	4	4	5
Census Tract 530.06	Johnson	9	1	1	5
Census Tract 530_07	Johnson	9	1	1	5
Census Tract 530.08	Johnson	6	1	1	5
Census Tract 530.09	Johnson	5	1	1	5
Census Tract 530.10	Johnson	5	1	1	6
Census Tract 530.11	Johnson	4	1	1	5
Census Tract 531.01	Johnson	15	4	1	6
Census Tract 531.02	Johnson	15	5	1	5
Census Tract 531.05	Johnson	10	4	1	5
Census Tract 531.06	Johnson	7	1	1	5
Census Tract 532.01	Johnson	15	4	1	6
Census Tract 532,02	Johnson	5	1	1	5
Census Tract 532.03	Johnson	11	1	1	5
Census Tract 533.01	Johnson	13	1	1	6
Census Tract 533.02	Johnson	5	1	1	5
Census Tract 534.03	Johnson	4	1	1	6
Census Tract 534.04	Johnson	6	1	1	5
Census Tract 534.05	Johnson	6	4	4	5
Census Tract 534.06	Johnson	9	4	4	5
Census Tract 534.07	Johnson	11	5	1	5
Census Tract 534.08	Johnson	10	1	1	5
Census Tract 534.09	Johnson	6	1	1	5
Census Tract 534.10	Johnson	7	1	1	6
Census Tract 535.02	Johnson	10	1	1	6
Census Tract 535.05	Johnson	8	6	5	5
Census Tract 535.06	Johnson	8	4	1	5
Census Tract 535.07	Johnson	4	1	1	5
Census Tract 535.08	Johnson	7	4	1	5
Census Tract 535.09	Johnson	9	1	1	5
Census Tract 535.10	Johnson	6	1	1	6
Census Tract 535.55	Johnson	9	1	1	6
Census Tract 535.56	Johnson	7	1	1	5
Census Tract 535.57	Johnson	6	1	1	5
Census Tract 536.01	Johnson	5	1	1	6
Census Tract 536.02	Johnson	14	5	1	5
Census Tract 537.01	Johnson	4	4	1	5

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### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 537.02	Johnson	14	7	1	5
Census Tract 538.01	Johnson	7	6	1	6
Census Tract 538.02	Johnson	9	6	1	4
Census Tract 9591	Kearny	1	1	1	1
Census Tract 9911	Kingman	9	7	1	1
Census Tract 9912	Kingman	7	6	1	1
Census Tract 9913	Kingman	12	7	1	1
Census Tract 9691	Kiowa	6	5	1	4
Census Tract 9501	Labette	8	5	1	1
Census Tract 9502	Labette	6	4	1	1
Census Tract 9503	Labette	5	5	1	1
Census Tract 9504	Labette	7	5	1	1
Census Tract 9505	Labette	8	7	1	1
Census Tract 9506	Labette	6	6	1	1
Census Tract 9507	Labette	6	5	1	1
Census Tract 9508	Labette	4	4	0	1
Census Tract 9566	Lane	4	1	1	1
Census Tract 701	Leavenworth	7	5	1	4
Census Tract 702	Leavenworth	5	1	1	4
Census Tract 703	Leavenworth	5	5	1	4
Census Tract 704	Leavenworth	5	4	1	4
Census Tract 705	Leavenworth	9	5	1	4
Census Tract 707	Leavenworth	4	1	1	4
Census Tract 708.01	Leavenworth	5	4	1	4
Census Tract 708.02	Leavenworth	6	4	1	1
Census Tract 709	Leavenworth	9	7	1	1
Census Tract 710	Leavenworth	8	7	1	1
Census Tract 711.01	Leavenworth	8	6	1	4
Census Tract 711.02	Leavenworth	5	4	1	5
Census Tract 712	Leavenworth	5	4	1	5
Census Tract 713	Leavenworth	7	5	1	1
Census Tract 714	Leavenworth	8	5	1	5
Census Tract 9861	Lincoln	6	6	0	5
Census Tract 9551	Linn	8	5	1	1
Census Tract 9552	Linn	6	4	1	1
Census Tract 9546	Logan	6	5	1	1
Census Tract 1	Lyon	4	4	1	1
Census Tract 2	Lyon	8	5	1	1
Census Tract 3	Lyon	7	4	1	1
Census Tract 4	Lyon	1	1	1	1
Census Tract 5	Lyon	4	1	1	1
Census Tract 6	Lyon	8	7	1	4
Census Tract 7	Lyon	6	5	1	1
Census Tract 8	Lyon	8	6	1	1
Census Tract 9881	McPherson	7	5	1	1
Census Tract 9882	McPherson	5	5	1	1
Census Tract 9883	McPherson	8	7	1	4
Census Tract 9884	McPherson	7	6	1	1

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### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9885	McPherson	4	1	1	1
Census Tract 9886	McPherson	5	5	1	1
Census Tract 9887	McPherson	10	7	4	1
Census Tract 9895	Marion	6	6	1	1
Census Tract 9896	Marion	7	6	1	1
Census Tract 9897	Marion	7	7	0	1
Census Tract 9898	Marion	9	7	1	1
Census Tract 9791	Marshall	7	6	0	1
Census Tract 9792	Marshall	5	4	0	1
Census Tract 9793	Marshall	6	6	0	1
Census Tract 9794	Marshall	4	4	0	1
Census Tract 9666	Meade	6	6	1	1
Census Tract 9667	Meade	7	5	1	1
Census Tract 1001	Miami	5	5	1	5
Census Tract 1002	Miami	7	6	1	5
Census Tract 1003	Miami	7	7	1	4
Census Tract 1004	Miami	7	6	1	4
Census Tract 1005	Miami	12	7	1	4
Census Tract 1006.01	Miami	8	6	0	1
Census Tract 1006.02	Miami	8	7	1	4
Census Tract 1007	Miami	8	6	1	1
Census Tract 9766	Mitchell	9	6	0	1
Census Tract 9767	Mitchell	1	1	0	1
Census Tract 9501	Montgomery	6	6	0	1
Census Tract 9502	Montgomery	4	4	1	1
Census Tract 9503	Montgomery	6	5	1	1
Census Tract 9504	Montgomery	4	1	1	1
Census Tract 9505	Montgomery	5	5	1	1
Census Tract 9506	Montgomery	5	5	1	1
Census Tract 9507	Montgomery	7	6	1	1
Census Tract 9508	Montgomery	6	6	1	1
Census Tract 9509	Montgomery	8	5	1	1
Census Tract 9510	Montgomery	4	4	1	1
Census Tract 9511	Montgomery	4	4	1	1
Census Tract 9512	Montgomery	5	1	1	1
Census Tract 9513	Montgomery	5	5	1	1
Census Tract 9836	Morris	6	6	1	1
Census Tract 9837	Morris	4	1	0	1
Census Tract 9646	Morton	4	1	1	1
Census Tract 9801	Nemaha	7	6	1	1
Census Tract 9802	Nemaha	7	6	1	1
Census Tract 9803	Nemaha	5	5	1	1
Census Tract 9516	Neosho	8	7	1	1
Census Tract 9517	Neosho	4	4	1	1
Census Tract 9518	Neosho	5	4	1	1
Census Tract 9519	Neosho	7	4	1	1
Census Tract 9520	Neosho	6	5	1	1
Census Tract 9561	Ness	1	1	0	1

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**Broadband Availability as of December 31, 2010**

<b>Census Tract</b>	<b>County</b>	<b># of Providers of Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream</b>	<b>Providers of Mobile Connections</b>
Census Tract 9562	Ness	1	1	1	1
Census Tract 9517	Norton	4	4	1	1
Census Tract 101	Osage	7	7	1	1
Census Tract 102	Osage	7	7	1	1
Census Tract 103	Osage	6	6	1	1
Census Tract 104	Osage	5	5	1	1
Census Tract 105	Osage	8	6	1	1
Census Tract 9741	Osborne	6	5	1	4
Census Tract 9856	Ottawa	4	4	1	1
Census Tract 9857	Ottawa	8	6	1	4
Census Tract 9702	Pawnee	7	5	1	1
Census Tract 9703	Pawnee	1	1	0	1
Census Tract 9751	Phillips	4	4	0	1
Census Tract 9752	Phillips	1	1	0	1
Census Tract 9753	Phillips	5	4	1	1
Census Tract 1	Pottawatomie	9	6	1	4
Census Tract 2	Pottawatomie	4	1	0	1
Census Tract 3	Pottawatomie	5	5	1	4
Census Tract 4	Pottawatomie	a	7	1	4
Census Tract 9686	Pratt	8	7	1	1
Census Tract 9687	Pratt	6	5	1	1
Census Tract 9688	Pratt	8	5	1	1
Census Tract 9506	Rawlins	7	7	0	1
Census Tract 1	Reno	4	1	1	1
Census Tract 2	Reno	5	1	1	4
Census Tract 3	Reno	5	1	1	1
Census Tract 4	Reno	1	1	1	4
Census Tract 5	Reno	5	4	1	1
Census Tract 6	Reno	4	1	1	1
Census Tract 7	Reno	6	4	1	1
Census Tract 8	Reno	6	1	1	4
Census Tract 10	Reno	8	5	1	1
Census Tract 11	Reno	7	6	1	1
Census Tract 12	Reno	7	7	1	1
Census Tract 13	Reno	5	4	1	1
Census Tract 14	Reno	7	7	1	1
Census Tract 15	Reno	10	7	1	4
Census Tract 16	Reno	7	7	1	4
Census Tract 17	Reno	7	6	1	5
Census Tract 18	Reno	5	5	1	1
Census Tract 9781	Republic	6	5	1	1
Census Tract 9782	Republic	5	5	1	1
Census Tract 9783	Republic	5	5	0	1
Census Tract 9871	Rice	8	7	1	1
Census Tract 9872	Rice	6	4	1	1
Census Tract 9873	Rice	9	7	1	5
Census Tract 1	Riley	8	7	1	4
Census Tract 2	Riley	4	4	1	5

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 3.01	Riley	4	4	1	5
Census Tract 3.02	Riley	6	1	1	5
Census Tract 4	Riley	4	4	1	5
Census Tract 5	Riley	5	1	1	5
Census Tract 6	Riley	6	4	1	5
Census Tract 7	Riley	7	1	1	5
Census Tract 8.01	Riley	6	4	1	5
Census Tract 8.02	Riley	6	1	1	5
Census Tract g	Riley	9	6	1	4
Census Tract 10	Riley	4	1	1	4
Census Tract 9746	Rooks	6	5	1	1
Census Tract 9747	Rooks	5	4	1	1
Census Tract 9721	Rush	4	4	0	1
Census Tract 9722	Rush	5	5	1	1
Census Tract 9738	Russell	1	1	1	1
Census Tract 9739	Russell	6	6	1	1
Census Tract 1	Saline	8	4	1	4
Census Tract 2	Saline	6	4	1	4
Census Tract 3	Saline	5	4	1	4
Census Tract 4	Saline	5	1	1	1
Census Tract 5	Saline	4	1	1	1
Census Tract 6	Saline	5	4	1	1
Census Tract 7	Saline	5	1	1	1
Census Tract 8	Saline	6	1	1	4
Census Tract 9	Saline	5	1	1	1
Census Tract 10	Saline	6	5	1	1
Census Tract 11	Saline	7	7	1	4
Census Tract 12	Saline	7	7	1	1
Census Tract 9571	Scott	8	6	1	1
Census Tract 1	Sedgwick	5	1	1	5
Census Tract 2	Sedgwick	1	1	1	5
Census Tract 3	Sedgwick	7	4	1	5
Census Tract 4	Sedgwick	7	1	1	5
Census Tract 6	Sedgwick	4	1	1	5
Census Tract 7	Sedgwick	4	1	1	5
Census Tract 8	Sedgwick	1	1	1	5
Census Tract 9	Sedgwick	1	1	1	5
Census Tract 10	Sedgwick	1	1	1	5
Census Tract 11	Sedgwick	5	1	1	5
Census Tract 14	Sedgwick	1	1	1	5
Census Tract 15	Sedgwick	5	1	1	5
Census Tract 18	Sedgwick	7	1	1	5
Census Tract 19	Sedgwick	5	1	1	5
Census Tract 20	Sedgwick	1	1	1	5
Census Tract 21	Sedgwick	5	1	1	5
Census Tract 22	Sedgwick	1	1	1	5
Census Tract 23	Sedgwick	5	1	1	5
Census Tract 24	Sedgwick	8	1	1	5

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

**Broadband Availability as of December 31, 2010**

<b>Census Tract</b>	<b>County</b>	<b># of Providers of Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream</b>	<b>Providers of Mobile Connections</b>
Census Tract 26	Sedgwick	7	1	1	5
Census Tract 27	Sedgwick	1	1	1	5
Census Tract 28	Sedgwick	1	1	1	5
Census Tract 29	Sedgwick	1	1	1	5
Census Tract 30	Sedgwick	7	1	1	5
Census Tract 31	Sedgwick	4	1	1	5
Census Tract 32	Sedgwick	1	1	1	5
Census Tract 34	Sedgwick	5	1	1	5
Census Tract 35	Sedgwick	4	1	1	5
Census Tract 36	Sedgwick	1	1	1	5
Census Tract 37	Sedgwick	1	1	1	5
Census Tract 38	Sedgwick	1	1	1	5
Census Tract 39	Sedgwick	6	1	1	5
Census Tract 40	Sedgwick	1	1	1	5
Census Tract 43	Sedgwick	13	1	1	5
Census Tract 51	Sedgwick	7	1	1	5
Census Tract 52	Sedgwick	4	1	1	5
Census Tract 53	Sedgwick	5	1	1	5
Census Tract 54	Sedgwick	6	5	1	5
Census Tract 55.01	Sedgwick	5	1	1	5
Census Tract 55.02	Sedgwick	6	4	1	4
Census Tract 56	Sedgwick	4	4	1	5
Census Tract 57	Sedgwick	7	1	1	5
Census Tract 58	Sedgwick	5	4	1	5
Census Tract 59	Sedgwick	7	1	1	5
Census Tract 60	Sedgwick	1	1	1	5
Census Tract 61	Sedgwick	4	1	1	5
Census Tract 62	Sedgwick	4	1	1	5
Census Tract 63	Sedgwick	7	1	1	5
Census Tract 64	Sedgwick	4	1	1	5
Census Tract 65	Sedgwick	4	1	1	5
Census Tract 66	Sedgwick	4	1	1	5
Census Tract 67	Sedgwick	1	1	1	5
Census Tract 68	Sedgwick	5	1	1	5
Census Tract 69	Sedgwick	1	1	1	5
Census Tract 70	Sedgwick	5	1	1	5
Census Tract 71	Sedgwick	8	1	1	5
Census Tract 72.01	Sedgwick	6	1	1	5
Census Tract 72.02	Sedgwick	8	1	1	4
Census Tract 73.01	Sedgwick	7	1	1	5
Census Tract 73.02	Sedgwick	9	1	1	4
Census Tract 74	Sedgwick	1	1	1	5
Census Tract 75	Sedgwick	1	1	1	5
Census Tract 76	Sedgwick	4	1	1	5
Census Tract 77	Sedgwick	4	1	1	5
Census Tract 78	Sedgwick	1	1	1	5
Census Tract 80	Sedgwick	8	4	1	5
Census Tract 81	Sedgwick	10	5	1	5

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**Broadband Availability as of December 31, 2010**

<b>Census Tract</b>	<b>County</b>	<b># of Providers of Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream</b>	<b>Providers of Mobile Connections</b>
Census Tract 82	Sedgwick	4	1	1	5
Census Tract 83	Sedgwick	1	1	1	5
Census Tract 84	Sedgwick	8	1	1	5
Census Tract 85	Sedgwick	4	4	1	5
Census Tract 86	Sedgwick	6	1	1	5
Census Tract 87	Sedgwick	1	1	1	5
Census Tract 88	Sedgwick	4	1	1	5
Census Tract 89	Sedgwick	5	1	1	5
Census Tract 90	Sedgwick	5	1	1	5
Census Tract 91	Sedgwick	9	1	1	5
Census Tract 92	Sedgwick	10	4	1	5
Census Tract 93.01	Sedgwick	6	1	1	5
Census Tract 93.02	Sedgwick	5	4	1	4
Census Tract 94.01	Sedgwick	1	1	1	5
Census Tract 94.02	Sedgwick	5	1	1	4
Census Tract 95.03	Sedgwick	8	4	1	5
Census Tract 95.04	Sedgwick	4	1	1	4
Census Tract 95.05	Sedgwick	4	1	1	4
Census Tract 95.06	Sedgwick	1	1	1	4
Census Tract 95.07	Sedgwick	5	5	1	4
Census Tract 95.08	Sedgwick	7	6	1	4
Census Tract 95.09	Sedgwick	6	5	1	4
Census Tract 95.10	Sedgwick	4	4	1	5
Census Tract 95.11	Sedgwick	7	4	1	4
Census Tract 95.12	Sedgwick	1	1	1	4
Census Tract 95.13	Sedgwick	6	1	1	4
Census Tract 96	Sedgwick	10	6	1	5
Census Tract 97	Sedgwick	8	7	1	5
Census Tract 98.01	Sedgwick	5	4	1	5
Census Tract 98.02	Sedgwick	5	1	1	4
Census Tract 99	Sedgwick	6	6	1	4
Census Tract 100.01	Sedgwick	1	1	1	5
Census Tract 100.02	Sedgwick	5	4	1	4
Census Tract 100.03	Sedgwick	1	1	1	4
Census Tract 100.04	Sedgwick	6	5	1	4
Census Tract 100.05	Sedgwick	6	4	1	4
Census Tract 101.02	Sedgwick	11	5	1	5
Census Tract 101.03	Sedgwick	5	1	1	4
Census Tract 101.04	Sedgwick	10	4	1	4
Census Tract 101.05	Sedgwick	8	1	1	4
Census Tract 101.06	Sedgwick	4	1	1	4
Census Tract 101.07	Sedgwick	6	1	1	4
Census Tract 101.08	Sedgwick	8	1	1	4
Census Tract 101.09	Sedgwick	9	1	1	4
Census Tract 101.10	Sedgwick	4	1	1	5
Census Tract 102	Sedgwick	10	6	1	4
Census Tract 103	Sedgwick	9	5	1	5
Census Tract 104	Sedgwick	6	5	1	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 105	Sedgwick	7	5	1	4
Census Tract 106	Sedgwick	6	6	1	4
Census Tract 107	Sedgwick	8	7	1	1
Census Tract 9656	Seward	7	7	1	4
Census Tract 965	Seward	4	4	1	4
Census Tract 9658	Seward	4	1	1	1
Census Tract 9659	Seward	1	1	1	4
Census Tract 9660	Seward	6	1	1	1
Census Tract 4	Shawnee	6	1	1	4
Census Tract 5	Shawnee	4	1	1	4
Census Tract 6	Shawnee	1	1	1	4
Census Tract 7	Shawnee	9	1	1	4
Census Tract 8	Shawnee	7	4	1	4
Census Tract 9	Shawnee	1	1	1	4
Census Tract 10	Shawnee	4	1	1	4
Census Tract 11	Shawnee	1	1	1	4
Census Tract 12	Shawnee	4	1	1	4
Census Tract 13	Shawnee	5	5	1	4
Census Tract 15	Shawnee	9	4	1	4
Census Tract 16.01	Shawnee	4	4	1	4
Census Tract 16.02	Shawnee	6	1	1	4
Census Tract 18	Shawnee	1	1	1	4
Census Tract 19	Shawnee	1	1	1	4
Census Tract 21	Shawnee	5	1	1	4
Census Tract 22	Shawnee	1	1	1	4
Census Tract 24	Shawnee	9	1	1	4
Census Tract 25	Shawnee	4	1	1	4
Census Tract 26.01	Shawnee	6	1	1	4
Census Tract 26.02	Shawnee	8	1	1	4
Census Tract 27.01	Shawnee	4	1	1	4
Census Tract 27.02	Shawnee	4	1	1	4
Census Tract 28	Shawnee	7	1	1	4
Census Tract 29	Shawnee	5	1	1	4
Census Tract 30.01	Shawnee	1	1	1	4
Census Tract 30.02	Shawnee	5	4	1	4
Census Tract 31	Shawnee	1	1	1	4
Census Tract 33.01	Shawnee	5	5	1	4
Census Tract 33.02	Shawnee	7	7	1	1
Census Tract 34	Shawnee	7	7	4	1
Census Tract 35	Shawnee	11	7	5	1
Census Tract 36.01	Shawnee	7	5	1	1
Census Tract 36.03	Shawnee	7	5	1	4
Census Tract 36.04	Shawnee	5	5	1	1
Census Tract 36.05	Shawnee	6	5	1	4
Census Tract 37	Shawnee	9	5	1	4
Census Tract 39.01	Shawnee	7	6	1	4
Census Tract 39.02	Shawnee	8	5	1	1
Census Tract 40	Shawnee	10	4	1	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules

### Broadband Availability as of December 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 41	Shawnee	1	1	1	4
Census Tract 9526	Sheridan	1	1	1	1
Census Tract 9527	Sheridan	6	5	1	1
Census Tract 9536	Sherman	7	6	1	4
Census Tract 9537	Sherman	6	5	1	1
Census Tract 9758	Smith	4	4	1	1
Census Tract 9759	Smith	4	4	1	1
Census Tract 9706	Stafford	5	5	1	1
Census Tract 9707	Stafford	5	5	1	1
Census Tract 9641	Stanton	1	1	1	4
Census Tract 9651	Stevens	1	1	1	1
Census Tract 9652	Stevens	1	1	1	4
Census Tract 9921	Sumner	12	7	4	5
Census Tract 9922	Sumner	10	7	1	5
Census Tract 9923	Sumner	5	4	1	1
Census Tract 9924	Sumner	5	5	1	4
Census Tract 9925	Sumner	9	5	1	4
Census Tract 9926	Sumner	8	6	1	4
Census Tract 9531	Thomas	6	1	1	4
Census Tract 9534	Thomas	5	5	1	1
Census Tract 9558	Trego	5	4	1	4
Census Tract 9831	Wabaunsee	7	6	1	4
Census Tract 9832	Wabaunsee	8	7	1	4
Census Tract 9541	Wallace	5	5	1	1
Census Tract 9786	Washington	5	5	1	1
Census Tract 9787	Washington	6	5	1	1
Census Tract 9576	Wichita	4	4	1	1
Census Tract 9971	Wilson	1	1	1	1
Census Tract 9972	Wilson	4	1	0	1
Census Tract 9973	Wilson	7	4	1	1
Census Tract 9974	Wilson	6	5	1	1
Census Tract 9966	Woodson	5	5	1	1
Census Tract 9967	Woodson	5	4	1	1
Census Tract 400.01	Wyandotte	9	0	0	5
Census Tract 400.02	Wyandotte	8	0	0	5
Census Tract 402	Wyandotte	1	1	1	6
Census Tract 403	Wyandotte	1	1	1	6
Census Tract 404	Wyandotte	1	1	1	6
Census Tract 405	Wyandotte	1	1	1	6
Census Tract 406	Wyandotte	1	1	1	6
Census Tract 407	Wyandotte	1	1	1	6
Census Tract 408	Wyandotte	1	1	1	6
Census Tract 409	Wyandotte	1	1	1	6
Census Tract 410	Wyandotte	1	1	1	6
Census Tract 411	Wyandotte	1	1	1	6
Census Tract 412	Wyandotte	1	1	1	6
Census Tract 413	Wyandotte	5	1	1	6
Census Tract 415	Wyandotte	6	1	1	6

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

### Broadband Availability as of December 31 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 416	Wyandotte	7	4	1	6
Census Tract 417	Wyandotte	5	1	1	6
Census Tract 418	Wyandotte	8	1	1	6
Census Tract 419	Wyandotte	5	1	1	6
Census Tract 420.01	Wyandotte	1	1	1	6
Census Tract 420.02	Wyandotte	1	1	1	5
Census Tract 421	Wyandotte	1	1	1	6
Census Tract 422	Wyandotte	1	1	1	6
Census Tract 423	Wyandotte	6	1	1	6
Census Tract 424	Wyandotte	6	1	1	6
Census Tract 425.01	Wyandotte	10	0	0	6
Census Tract 425.02	Wyandotte	8	0	0	5
Census Tract 426	Wyandotte	9	1	1	6
Census Tract 427	Wyandotte	1	1	1	6
Census Tract 428	Wyandotte	4	1	1	6
Census Tract 430	Wyandotte	10	1	1	6
Census Tract 433.01	Wyandotte	6	1	1	6
Census Tract 434	Wyandotte	8	1	1	6
Census Tract 435	Wyandotte	1	1	1	6
Census Tract 436	Wyandotte	6	1	1	6
Census Tract 437	Wyandotte	5	4	1	6
Census Tract 438.02	Wyandotte	6	1	1	6
Census Tract 438.03	Wyandotte	5	1	1	5
Census Tract 438.04	Wyandotte	10	0	0	5
Census Tract 439.03	Wyandotte	5	4	1	6
Census Tract 439.04	Wyandotte	5	1	1	5
Census Tract 439.05	Wyandotte	8	1	1	5
Census Tract 440.01	Wyandotte	6	1	1	6
Census Tract 440.03	Wyandotte	5	4	1	5
Census Tract 440.04	Wyandotte	8	1	1	5
Census Tract 441.01	Wyandotte	7	1	1	6
Census Tract 441.02	Wyandotte	4	1	1	5
Census Tract 441.03	Wyandotte	7	4	1	5
Census Tract 441.04	Wyandotte	8	1	1	5
Census Tract 442.01	Wyandotte	4	1	1	6
Census Tract 442.02	Wyandotte	4	1	1	5
Census Tract 443.01	Wyandotte	6	4	1	6
Census Tract 443.02	Wyandotte	1	1	1	5
Census Tract 443.03	Wyandotte	1	1	1	5
Census Tract 444	Wyandotte	1	1	1	6
Census Tract 445	Wyandotte	1	1	1	6
Census Tract 446.01	Wyandotte	4	1	1	5
Census Tract 446.02	Wyandotte	0	0	0	4
Census Tract 446.03	Wyandotte	0	0	0	4
Census Tract 447.02	Wyandotte	11	5	1	6
Census Tract 447.03	Wyandotte	9	1	1	5
Census Tract 447.04	Wyandotte	8	4	1	5
Census Tract 448.03	Wyandotte	6	5	1	5

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### Broadband Availability as of December 31, 2010

<b>Census Tract</b>	<b>County</b>	<b># of Providers of Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections over. 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps unstream</b>	<b>Providers of Mobile Connections</b>
Census Tract 448.04	Wyandotte	7	5	1	5
Census Tract 448.05	Wyandotte	6	5	1	5
Census Tract 448.06	Wyandotte	8	4	1	5
Census Tract 449	Wyandotte	4	1	1	6
Census Tract 450	Wyandotte	5	1	1	6
Census Tract 451	Wyandotte	7	4	1	6
Census Tract 452	Wyandotte	10	1	1	6

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## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9526	Allen	-1	-1	0	0
Census Tract 9527	Allen	0	0	0	0
Census Tract 9528	Allen	-1	-3	0	0
Census Tract 9529	Allen	-1	-3	0	0
Census Tract 9530	Allen	1	1	0	0
Census Tract 9536	Anderson	1	1	0	0
Census Tract 9537	Anderson	0	0	0	3
Census Tract 9816	Atchison	0	0	0	0
Census Tract 9817	Atchison	1	1	0	0
Census Tract 9818	Atchison	0	1	0	0
Census Tract 9819	Atchison	-1	0	0	0
Census Tract 9681	Barber	0	0	0	0
Census Tract 9682	Barber	0	0	0	1
Census Tract 9711	Barton	0	0	0	0
Census Tract 9712	Barton	1	1	0	0
Census Tract 9713	Barton	0	0	0	0
Census Tract 9714	Barton	3	3	0	0
Census Tract 9715	Barton	5	3	0	0
Census Tract 9716	Barton	1	4	0	0
Census Tract 9717	Barton	3	3	0	0
Census Tract 9718	Barton	0	2	0	0
Census Tract 9556	Bourbon	-1	-1	0	0
Census Tract 9557	Bourbon	-1	-1	0	0
Census Tract 9558	Bourbon	0	0	0	0
Census Tract 9559	Bourbon	-1	-1	0	0
Census Tract 9560	Bourbon	0	0	0	0
Census Tract 9806	Brown	0	0	0	0
Census Tract 9807	Brown	0	-1	0	0
Census Tract 9808	Brown	1	1	0	0
Census Tract 201	Butler	-2	0	0	0
Census Tract 202.01	Butler	1	0	0	0
Census Tract 202.02	Butler	-1	-1	0	-1
Census Tract 202.03	Butler	-1	-1	0	-4
Census Tract 203	Butler	-2	-1	0	0
Census Tract 204	Butler	0	0	0	0
Census Tract 205	Butler	-1	-4	0	0
Census Tract 206	Butler	0	-1	0	0
Census Tract 207	Butler	0	-3	0	0
Census Tract 208	Butler	1	4	0	0
Census Tract 209.01	Butler	0	0	0	0
Census Tract 209.02	Butler	0	0	0	-3
Census Tract 209.03	Butler	0	0	0	-3
Census Tract 9906	Chase	-1	0	1	0
Census Tract 9946	Chautauqua	0	0	1	1
Census Tract 9581	Cherokee	0	0	0	3
Census Tract 9582	Cherokee	0	0	0	3
Census Tract 9583	Cherokee	1	2	0	3

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## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9584	Cherokee	-1	-1	0	3
Census Tract 9585	Cherokee	-1	-1	0	3
Census Tract 9586	Cherokee	3	1	0	3
Census Tract 9502	Cheyenne	0	-1	1	0
Census Tract 9671	Clark	0	1	0	0
Census Tract 9581	Clay	-2	-1	0	3
Census Tract 9582	Clay	0	-1	0	0
Census Tract 9771	Cloud	-1	-1	0	0
Census Tract 9772	Cloud	0	0	0	0
Census Tract 9773	Cloud	-1	0	0	0
Census Tract 9774	Cloud	-1	-1	0	0
Census Tract 9961	Coffey	1	0	0	3
Census Tract 9962	Coffey	2	2	0	0
Census Tract 9963	Coffey	0	-3	0	0
Census Tract 9676	Comanche	0	0	0	0
Census Tract 9931	Cowley	1	0	0	0
Census Tract 9932	Cowley	1	0	1	3
Census Tract 9933	Cowley	1	0	0	0
Census Tract 9934	Cowley	-2	0	0	0
Census Tract 9935	Cowley	3	2	0	0
Census Tract 9936	Cowley	2	0	0	0
Census Tract 9937	Cowley	-1	-1	0	0
Census Tract 9938	Cowley	0	0	0	0
Census Tract 9939	Cowley	0	0	0	0
Census Tract 9940	Cowley	3	0	0	0
Census Tract 9941	Cowley	-3	-3	0	0
Census Tract 9566	Crawford	0	0	0	0
Census Tract 9567	Crawford	0	0	0	0
Census Tract 9568	Crawford	0	0	1	0
Census Tract 9569	Crawford	-1	0	0	3
Census Tract 9570	Crawford	0	0	0	3
Census Tract 9571	Crawford	-1	-4	0	3
Census Tract 9572	Crawford	-1	0	0	3
Census Tract 9573	Crawford	0	0	0	4
Census Tract 9574	Crawford	0	0	0	3
Census Tract 9575	Crawford	1	0	0	3
Census Tract 9576	Crawford	-1	0	0	4
Census Tract 9511	Decatur	1	0	0	0
Census Tract 9512	Decatur	-1	0	0	0
Census Tract 9841	Dickinson	0	0	0	3
Census Tract 9842	Dickinson	-1	-1	0	0
Census Tract 9843	Dickinson	1	1	0	3
Census Tract 9844	Dickinson	0	0	0	3
Census Tract 9845	Dickinson	-2	-1	0	3
Census Tract 9846	Dickinson	1	0	0	0
Census Tract 201	Doniphan	0	-1	0	3
Census Tract 202	Doniphan	0	0	0	3

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## Broadband Availability Change from Dec. 31 2009 to Dec. 31 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 203	Doniphan	-1	-1	0	3
Census Tract 1	Douglas	0	-2	0	0
Census Tract 2	Douglas	1	0	0	0
Census Tract 3	Douglas	0	0	0	0
Census Tract 4	Douglas	3	0	0	0
Census Tract 5 01	Douglas	-3	0	0	0
Census Tract 5.02	Douglas	0	0	0	0
Census Tract 6.01	Douglas	-1	-1	0	3
Census Tract 6.02	Douglas	-4	0	0	0
Census Tract 7.01	Douglas	0	0	0	0
Census Tract 7.02	Douglas	0	0	0	0
Census Tract 7.97	Douglas	0	0	0	0
Census Tract 8.01	Douglas	3	0	0	0
Census Tract 8.02	Douglas	-2	0	0	0
Census Tract 9.01	Douglas	1	0	0	0
Census Tract 9.02	Douglas	2	0	0	0
Census Tract 10.01	Douglas	0	-3	0	0
Census Tract 10.02	Douglas	4	0	0	0
Census Tract 12.01	Douglas	2	2	0	0
Census Tract 12.02	Douglas	0	0	0	0
Census Tract 12.03	Douglas	1	0	0	0
Census Tract 14	Douglas	0	-1	0	0
Census Tract 15	Douglas	3	2	0	0
Census Tract 9696	Edwards	1	1	0	0
Census Tract 9697	Edwards	0	0	0	0
Census Tract 9951	Elk	-1	-1	0	1
Census Tract g726	Ellis	0	-1	0	0
Census Tract 9727	Ellis	1	1	0	0
Census Tract 9728	Ellis	-1	0	0	0
Census Tract 9729	Ellis	-1	3	0	0
Census Tract 9730	Ellis	0	1	0	0
Census Tract 9866	Ellsworth	0	0	0	3
Census Tract 9867	Ellsworth	0	0	0	0
Census Tract 9601	Finney	1	0	0	0
Census Tract 9602	Finney	0	-3	0	0
Census Tract 9603	Finney	0	3	0	0
Census Tract 9604	Finney	1	0	0	0
Census Tract 9605	Finney	0	1	0	0
Census Tract 9606	Finney	-1	0	0	0
Census Tract 9616	Ford	1	1	0	0
Census Tract 9617	Ford	1	1	0	0
Census Tract 9618	Ford	-1	0	0	0
Census Tract g619	Ford	0	0	0	0
Census Tract 9620	Ford	-1	0	0	0
Census Tract 9621	Ford	1	1	0	0
Census Tract 9541	Franklin	0	1	0	3
Census Tract 9542	Franklin	0	0	0	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9543	Franklin	0	0	0	4
Census Tract 9544	Franklin	1	0	0	4
Census Tract 9545	Franklin	1	0	0	3
Census Tract 1	Geary	2	4	0	3
Census Tract 2	Geary	-1	-3	0	3
Census Tract 3	Geary	0	1	0	3
Census Tract 4	Geary	1	1	0	3
Census Tract 5	Geary	-2	-3	0	3
Census Tract 6	Geary	0	0	0	3
Census Tract 7	Geary	-1	0	0	3
Census Tract 8	Geary	1	1	0	3
Census Tract 9551	Gove	0	0	1	0
Census Tract 9552	Gove	3	3	0	3
Census Tract 9521	Graham	0	0	0	3
Census Tract 9522	Graham	0	0	1	0
Census Tract 9636	Grant	0	0	0	0
Census Tract 9637	Grant	-2	0	0	3
Census Tract 9626	Gray	3	3	0	0
Census Tract 9627	Gray	1	4	0	0
Census Tract 9581	Greeley	0	-1	0	0
Census Tract 9956	Greenwood	3	2	0	3
Census Tract 9957	Greenwood	1	1	0	0
Census Tract 9958	Greenwood	-1	-1	0	0
Census Tract 9586	Hamilton	0	0	0	3
Census Tract 9916	Harper	1	1	0	0
Census Tract 9917	Harper	0	-1	0	0
Census Tract 9918	Harper	0	0	0	0
Census Tract 301	Harvey	1	1	0	3
Census Tract 302	Harvey	0	0	0	3
Census Tract 303	Harvey	0	0	0	3
Census Tract 304	Harvey	0	1	0	1
Census Tract 305	Harvey	3	0	0	3
Census Tract 306	Harvey	1	0	0	1
Census Tract 9631	Haskell	-1	-1	0	0
Census Tract 9611	Hodgeman	4	3	0	0
Census Tract 9826	Jackson	-2	-1	3	0
Census Tract 9827	Jackson	-1	0	0	0
Census Tract 9828	Jackson	0	-1	0	0
Census Tract 201	Jefferson	-2	0	0	0
Census Tract 202	Jefferson	1	1	0	0
Census Tract 203	Jefferson	0	0	0	0
Census Tract 9761	Jewell	1	1	0	0
Census Tract 9762	Jewell	-1	-1	0	0
Census Tract 500	Johnson	-1	0	0	1
Census Tract 501	Johnson	0	0	0	1
Census Tract 502	Johnson	-2	0	0	1
Census Tract 503.01	Johnson	-2	0	0	1

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 503.02	Johnson	0	0	0	0
Census Tract 504	Johnson	0	-3	0	1
Census Tract 505	Johnson	-1	-3	0	1
Census Tract 506	Johnson	-2	0	0	1
Census Tract 507	Johnson	0	0	0	1
Census Tract 508	Johnson	-1	0	0	2
Census Tract 509	Johnson	-1	0	0	1
Census Tract 510	Johnson	3	0	0	1
Census Tract 511	Johnson	0	0	0	1
Census Tract 512	Johnson	-4	-1	0	1
Census Tract 513	Johnson	1	0	0	1
Census Tract 514	Johnson	-1	0	0	1
Census Tract 515	Johnson	0	0	0	1
Census Tract 516	Johnson	2	3	0	1
Census Tract 517	Johnson	0	0	0	2
Census Tract 518.01	Johnson	0	0	0	1
Census Tract 518.02	Johnson	2	0	0	0
Census Tract 518.03	Johnson	0	0	0	0
Census Tract 518.04	Johnson	0	0	0	0
Census Tract 518.05	Johnson	-1	0	0	0
Census Tract 518.06	Johnson	1	0	0	1
Census Tract 519.02	Johnson	0	0	0	1
Census Tract 519.03	Johnson	-1	0	0	0
Census Tract 519.04	Johnson	-1	-1	0	1
Census Tract 519.05	Johnson	-2	-3	0	0
Census Tract 519.06	Johnson	1	0	0	0
Census Tract 519.07	Johnson	-5	0	0	0
Census Tract 520.01	Johnson	0	0	0	1
Census Tract 520.03	Johnson	-3	-3	0	0
Census Tract 520.04	Johnson	2	0	0	0
Census Tract 521.01	Johnson	0	0	0	1
Census Tract 621.02	Johnson	-1	0	0	0
Census Tract 522.01	Johnson	-1	0	0	1
Census Tract 522.02	Johnson	0	0	0	0
Census Tract 523.01	Johnson	0	0	0	1
Census Tract 523.03	Johnson	0	0	0	0
Census Tract 523.04	Johnson	1	0	0	0
Census Tract 524.05	Johnson	2	1	3	1
Census Tract 524.10	Johnson	0	-1	0	1
Census Tract 524.11	Johnson	0	0	0	1
Census Tract 524.12	Johnson	-3	-3	0	0
Census Tract 524.13	Johnson	-2	0	0	0
Census Tract 524.14	Johnson	-1	-3	0	0
Census Tract 524.15	Johnson	1	0	0	0
Census Tract 624.16	Johnson	1	-1	-3	0
Census Tract 524.17	Johnson	-2	1	3	0
Census Tract 525.01	Johnson	-1	-3	0	1

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec 31. 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 525.02	Johnson	0	-3	0	0
Census Tract 526.01	Johnson	-1	0	0	2
Census Tract 526.02	Johnson	-1	0	0	0
Census Tract 526.03	Johnson	-1	0	0	0
Census Tract 527	Johnson	1	0	0	1
Census Tract 528.01	Johnson	2	0	0	1
Census Tract 528.02	Johnson	-1	0	0	0
Census Tract 528.03	Johnson	1	3	0	0
Census Tract 529.01	Johnson	1	0	0	1
Census Tract 529.04	Johnson	0	0	0	0
Census Tract 529.05	Johnson	-1	0	0	0
Census Tract 529.06	Johnson	-2	-4	0	0
Census Tract 529.07	Johnson	-2	0	0	0
Census Tract 529.08	Johnson	-1	0	0	0
Census Tract 530.02	Johnson	-1	0	0	1
Census Tract 530.04	Johnson	-1	0	0	0
Census Tract 530.05	Johnson	-1	0	0	0
Census Tract 530.06	Johnson	0	0	0	0
Census Tract 530.07	Johnson	2	-3	0	0
Census Tract 530.08	Johnson	1	0	0	0
Census Tract 530.09	Johnson	-1	0	0	0
Census Tract 530.10	Johnson	1	0	0	2
Census Tract 530.11	Johnson	0	0	0	0
Census Tract 531.01	Johnson	1	0	-3	1
Census Tract 531.02	Johnson	-2	0	0	0
Census Tract 531.05	Johnson	1	0	0	0
Census Tract 531.06	Johnson	1	0	0	0
Census Tract 532.01	Johnson	0	3	0	1
Census Tract 532.02	Johnson	0	0	0	1
Census Tract 532.03	Johnson	-2	0	0	0
Census Tract 533.01	Johnson	-2	0	0	1
Census Tract 533.02	Johnson	-1	0	0	0
Census Tract 534.03	Johnson	-2	0	0	1
Census Tract 534.04	Johnson	1	0	0	1
Census Tract 534.05	Johnson	0	0	0	0
Census Tract 534.06	Johnson	-1	-1	0	0
Census Tract 534.07	Johnson	-3	0	0	0
Census Tract 534.08	Johnson	0	-3	0	0
Census Tract 534.09	Johnson	0	0	0	0
Census Tract 534.10	Johnson	0	-3	0	1
Census Tract 535.02	Johnson	0	0	0	1
Census Tract 535.05	Johnson	0	2	4	0
Census Tract 535.06	Johnson	0	0	0	0
Census Tract 535.07	Johnson	-1	0	0	0
Census Tract 535.08	Johnson	-1	0	0	0
Census Tract 535.09	Johnson	0	0	0	0
Census Tract 535.10	Johnson	-2	0	0	1

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 535.55	Johnson	-1	-3	0	1
Census Tract 535.56	Johnson	0	0	0	0
Census Tract 535.57	Johnson	1	0	0	0
Census Tract 536.01	Johnson	-2	-3	0	1
Census Tract 536.02	Johnson	-1	-2	0	0
Census Tract 537.01	Johnson	0	0	0	0
Census Tract 537.02	Johnson	-2	0	-3	0
Census Tract 538.01	Johnson	0	0	0	2
Census Tract 538.02	Johnson	-3	-1	0	-1
Census Tract 9591	Kearny	0	0	0	0
Census Tract 9911	Kingman	0	0	0	0
Census Tract 9912	Kingman	0	0	0	0
Census Tract 9913	Kingman	0	0	0	0
Census Tract 9691	Kiowa	-1	0	0	3
Census Tract 9501	Labette	1	0	1	0
Census Tract 9502	Labette	-1	-1	0	0
Census Tract 9503	Labette	1	1	0	0
Census Tract 9504	Labette	-2	0	0	0
Census Tract 9505	Labette	0	1	0	0
Census Tract 9506	Labette	1	1	0	0
Census Tract 9507	Labette	-1	0	0	0
Census Tract 9508	Labette	-1	-1	0	0
Census Tract 9566	Lane	0	-3	0	0
Census Tract 701	Leavenworth	3	1	0	0
Census Tract 702	Leavenworth	4	0	0	0
Census Tract 703	Leavenworth	0	0	0	0
Census Tract 704	Leavenworth	1	0	0	0
Census Tract 705	Leavenworth	0	0	0	0
Census Tract 707	Leavenworth	3	0	0	0
Census Tract 708.01	Leavenworth	1	0	0	0
Census Tract 708.02	Leavenworth	0	0	0	-3
Census Tract 709	Leavenworth	0	0	0	0
Census Tract 710	Leavenworth	0	0	0	0
Census Tract 711.01	Leavenworth	0	-1	0	0
Census Tract 711.02	Leavenworth	1	0	0	0
Census Tract 712	Leavenworth	-1	-1	0	1
Census Tract 713	Leavenworth	0	-1	0	0
Census Tract 714	Leavenworth	0	-2	0	1
Census Tract 9861	Lincoln	0	0	-1	4
Census Tract 9551	Linn	0	-1	0	0
Census Tract 9552	Linn	0	-1	0	0
Census Tract 9546	Logan	-1	-1	0	0
Census Tract 1	Lyon	-1	0	0	0
Census Tract 2	Lyon	-1	-1	0	0
Census Tract 3	Lyon	-1	-1	0	0
Census Tract 4	Lyon	0	0	0	0
Census Tract 5	Lyon	-1	0	0	0

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 6	Lyon	2	1	0	3
Census Tract 7	Lyon	-1	0	1	0
Census Tract 8	Lyon	2	1	1	0
Census Tract 9881	McPherson	6	4	1	0
Census Tract 9882	McPherson	0-	0	0	0
Census Tract 9883	McPherson	0	0	0	3
Census Tract 9884	McPherson	1	1	0	0
Census Tract 9885	McPherson	0	0	0	0
Census Tract 9886	McPherson	0	0	0	0
Census Tract 9887	McPherson	0	0	3	0
Census Tract 9895	Marion	0	0	0	0
Census Tract 9896	Marion	1	1	0	0
Census Tract 9897	Marion	1	1	0	0
Census Tract 9898	Marion	2	2	0	0
Census Tract 9791	Marshall	0	1	-1	1
Census Tract 9792	Marshall	0	0	-1	1
Census Tract 9793	Marshall	-1	-1	0	1
Census Tract 9794	Marshall	0	0	0	1
Census Tract 9666	Meade	0	0	1	0
Census Tract 9667	Meade	2	1	1	0
Census Tract 1001	Miami	-2	-2	0	1
Census Tract 1002	Miami	-1	1	0	1
Census Tract 1003	Miami	-2	0	0	0
Census Tract 1004	Miami	0	0	1	3
Census Tract 1005	Miami	2	0	0	3
Census Tract 1006.01	Miami	-1	0	0	0
Census Tract 1006.02	Miami	2	1	0	3
Census Tract 1007	Miami	1	-1	0	0
Census Tract 9766	Mitchell	1	-1	0	0
Census Tract 9767	Mitchell	-3	-3	0	0
Census Tract 9501	Montgomery	0	0	0	0
Census Tract 9502	Montgomery	0	0	0	0
Census Tract 9503	Montgomery	0	0	0	0
Census Tract 9504	Montgomery	-1	0	1	0
Census Tract 9505	Montgomery	0	0	0	0
Census Tract 9506	Montgomery	0	0	0	0
Census Tract 9507	Montgomery	0	0	0	0
Census Tract 9508	Montgomery	0	0	0	0
Census Tract 9509	Montgomery	2	1	0	0
Census Tract 9510	Montgomery	0	0	0	0
Census Tract 9511	Montgomery	0	0	0	0
Census Tract 9512	Montgomery	1	0	0	0
Census Tract 9513	Montgomery	0	0	0	0
Census Tract 9836	Morris	-1	-1	1	0
Census Tract 9837	Morris	0	0	0	0
Census Tract 9646	Morton	-2	-4	0	0
Census Tract 9801	Nemaha	0	-1	1	1

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 9802	Nemaha	0	0	1	0
Census Tract 9803	Nemaha	0	0	0	1
Census Tract 9516	Neosho	-1	0	0	0
Census Tract 9517	Neosho	0	0	0	0
Census Tract 9518	Neosho	0	0	0	0
Census Tract 9519	Neosho	2	3	0	0
Census Tract 9520	Neosho	-1	-2	0	0
Census Tract 9561	Ness	0	0	0	0
Census Tract 9562	Ness	0	0	1	0
Census Tract 9517	Norton	0	0	0	0
Census Tract 101	Osage	0	0	0	0
Census Tract 102	Osage	-1	0	0	0
Census Tract 103	Osage	-1	-1	0	0
Census Tract 104	Osage	0	1	0	0
Census Tract 105	Osage	0	0	0	0
Census Tract 9741	Osborne	-2	-1	0	3
Census Tract 9856	Ottawa	-1	-1	0	0
Census Tract 9857	Ottawa	0	-1	0	3
Census Tract 9702	Pawnee	0	0	0	0
Census Tract 9703	Pawnee	0	0	0	0
Census Tract 9751	Phillips	3	3	0	0
Census Tract 9752	Phillips	-3	-3	0	0
Census Tract 9753	Phillips	1	3	0	0
Census Tract 1	Pottawatomie	-1	0	0	3
Census Tract 2	Pottawatomie	0	0	0	0
Census Tract 3	Pottawatomie	1	1	0	3
Census Tract 4	Pottawatomie	-1	0	0	3
Census Tract 9686	Pratt	1	0	0	0
Census Tract 9687	Pratt	0	-1	0	0
Census Tract 9688	Pratt	0	-1	0	0
Census Tract 9506	Rawlins	-1	0	0	0
Census Tract 1	Reno	0	0	0	0
Census Tract 2	Reno	-1	0	0	3
Census Tract 3	Reno	-2	-3	0	0
Census Tract 4	Reno	0	0	0	3
Census Tract 5	Reno	1	3	0	0
Census Tract 6	Reno	-1	0	0	0
Census Tract 7	Reno	2	0	0	0
Census Tract 8	Reno	2	0	0	3
Census Tract 10	Reno	2	4	0	0
Census Tract 11	Reno	0	0	0	0
Census Tract 12	Reno	1	1	0	0
Census Tract 13	Reno	1	3	0	0
Census Tract 14	Reno	-1	0	0	0
Census Tract 15	Reno	0	0	0	3
Census Tract 16	Reno	1	1	0	3
Census Tract 17	Reno	-2	-1	0	4

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 18	Rena	0	0	0	0
Census Tract 9781	Republic	1	0	1	0
Census Tract 9782	Republic	0	0	0	0
Census Tract 9783	Republic	0	0	0	0
Census Tract 9871	Rice	1	0	0	0
Census Tract 9872	Rice	0	0	0	0
Census Tract 9873	Rice	0	0	0	4
Census Tract 1	Riley	0	0	0	3
Census Tract 2	Riley	-1	3	0	4
Census Tract 3.01	Riley	3	3	0	4
Census Tract 3.02	Riley	1	0	0	4
Census Tract 4	Riley	0	0	0	4
Census Tract 5	Riley	1	0	0	4
Census Tract 6	Riley	-1	0	0	4
Census Tract 7	Riley	-1	0	0	4
Census Tract 8.01	Riley	1	0	0	4
Census Tract 8.02	Riley	2	0	0	4
Census Tract 9	Riley	3	1	0	3
Census Tract 10	Riley	0	0	0	3
Census Tract 9746	Rooks	1	0	0	0
Census Tract 9747	Rooks	0	0	0	0
Census Tract 9721	Rush	0	0	-1	0
Census Tract 9722	Rush	0	0	1	0
Census Tract 9738	Russell	-4	-3	0	0
Census Tract 9739	Russell	0	0	0	0
Census Tract 1	Saline	2	-1	0	3
Census Tract 2	Saline	0	0	0	3
Census Tract 3	Saline	0	0	0	3
Census Tract 4	Saline	4	0	0	0
Census Tract 5	Saline	0	0	0	0
Census Tract 6	Saline	-1	3	0	0
Census Tract 7	Saline	1	0	0	0
Census Tract 8	Saline	2	0	0	3
Census Tract 9	Saline	4	0	0	0
Census Tract 10	Saline	1	1	0	0
Census Tract 11	Saline	0	0	0	3
Census Tract 12	Saline	0	0	0	0
Census Tract 9571	Scott	0	0	0	0
Census Tract 1	Sedgwick	4	0	0	0
Census Tract 2	Sedgwick	0	0	0	0
Census Tract 3	Sedgwick	1	3	0	0
Census Tract 4	Sedgwick	-1	0	0	0
Census Tract 6	Sedgwick	3	0	0	0
Census Tract 7	Sedgwick	-1	0	0	0
Census Tract 8	Sedgwick	0	0	0	0
Census Tract 9	Sedgwick	0	0	0	0
Census Tract 10	Sedgwick	-3	0	0	0

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 11	Sedgwick	1	0	0	0
Census Tract 14	Sedgwick	-5	0	0	0
Census Tract 15	Sedgwick	-1	-3	0	0
Census Tract 18	Sedgwick	1	-3	0	0
Census Tract 19	Sedgwick	-2	0	0	0
Census Tract 20	Sedgwick	0	0	0	0
Census Tract 21	Sedgwick	1	0	0	0
Census Tract 22	Sedgwick	0	0	0	0
Census Tract 23	Sedgwick	-1	0	0	0
Census Tract 24	Sedgwick	1	0	0	0
Census Tract 26	Sedgwick	3	0	0	0
Census Tract 27	Sedgwick	0	0	0	0
Census Tract 28	Sedgwick	0	0	0	0
Census Tract 29	Sedgwick	-3	0	0	0
Census Tract 30	Sedgwick	-1	0	0	0
Census Tract 31	Sedgwick	0	0	0	0
Census Tract 32	Sedgwick	0	0	0	0
Census Tract 34	Sedgwick	0	0	0	0
Census Tract 35	Sedgwick	3	0	0	0
Census Tract 36	Sedgwick	-3	0	0	0
Census Tract 37	Sedgwick	-4	0	0	0
Census Tract 38	Sedgwick	0	0	0	0
Census Tract 39	Sedgwick	-1	0	0	0
Census Tract 40	Sedgwick	0	0	0	0
Census Tract 43	Sedgwick	0	-3	0	0
Census Tract 51	Sedgwick	0	0	0	0
Census Tract 52	Sedgwick	-1	0	0	0
Census Tract 53	Sedgwick	0	0	0	0
Census Tract 54	Sedgwick	0	0	0	0
Census Tract 55.01	Sedgwick	1	0	0	0
Census Tract 55.02	Sedgwick	-2	0	0	-1
Census Tract 56	Sedgwick	-1	-1	0	0
Census Tract 57	Sedgwick	1	0	0	0
Census Tract 58	Sedgwick	4	3	0	0
Census Tract 59	Sedgwick	0	0	0	0
Census Tract 60	Sedgwick	-3	0	0	0
Census Tract 61	Sedgwick	-1	0	0	0
Census Tract 62	Sedgwick	0	0	0	0
Census Tract 63	Sedgwick	0	0	0	0
Census Tract 64	Sedgwick	0	0	0	0
Census Tract 65	Sedgwick	3	0	0	0
Census Tract 66	Sedgwick	-2	0	0	0
Census Tract 67	Sedgwick	0	0	0	0
Census Tract 68	Sedgwick	1	0	0	0
Census Tract 69	Sedgwick	0	0	0	0
Census Tract 70	Sedgwick	0	0	0	0
Census Tract 71	Sedgwick	-1	0	0	0

"1" denotes 1 to 3 providers. The exact number is not released due to FCC confidentiality rules.

## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 72.01	Sedgwick	-2	0	0	0
Census Tract 72.02	Sedgwick	1	-3	0	-1
Census Tract 73.01	Sedgwick	0	0	0	0
Census Tract 73.02	Sedgwick	0	-3	0	-1
Census Tract 74	Sedgwick	0	0	0	0
Census Tract 75	Sedgwick	-3	0	0	0
Census Tract 76	Sedgwick	-1	0	0	0
Census Tract 77	Sedgwick	3	0	0	0
Census Tract 78	Sedgwick	-3	0	0	0
Census Tract 80	Sedgwick	1	-1	0	0
Census Tract 81	Sedgwick	1	0	0	0
Census Tract 82	Sedgwick	-1	0	0	0
Census Tract 83	Sedgwick	-3	0	0	0
Census Tract 84	Sedgwick	1	0	0	0
Census Tract 85	Sedgwick	-1	0	0	0
Census Tract 86	Sedgwick	1	0	0	0
Census Tract 87	Sedgwick	0	0	0	0
Census Tract 88	Sedgwick	0	0	0	0
Census Tract 89	Sedgwick	-1	0	0	0
Census Tract 90	Sedgwick	-1	0	0	0
Census Tract 91	Sedgwick	-2	-3	0	0
Census Tract 92	Sedgwick	-2	-1	0	0
Census Tract 93.01	Sedgwick	-2	0	0	0
Census Tract 93.02	Sedgwick	-1	3	0	-1
Census Tract 94.01	Sedgwick	-3	0	0	1
Census Tract 94.02	Sedgwick	0	0	0	-1
Census Tract 95.03	Sedgwick	-2	-1	0	0
Census Tract 95.04	Sedgwick	-1	0	0	0
Census Tract 95.05	Sedgwick	3	0	0	0
Census Tract 95.06	Sedgwick	0	0	0	0
Census Tract 95.07	Sedgwick	0	0	0	-1
Census Tract 95.08	Sedgwick	0	1	0	0
Census Tract 95.09	Sedgwick	-1	-1	0	0
Census Tract 95.10	Sedgwick	0	3	0	0
Census Tract 95.11	Sedgwick	2	3	0	-1
Census Tract 95.12	Sedgwick	0	0	0	-1
Census Tract 95.13	Sedgwick	0	0	0	-1
Census Tract 96	Sedgwick	0	-1	0	1
Census Tract 97	Sedgwick	1	0	0	0
Census Tract 98.01	Sedgwick	-1	0	0	1
Census Tract 98.02	Sedgwick	0	0	0	0
Census Tract 99	Sedgwick	0	0	0	0
Census Tract 100.01	Sedgwick	0	0	0	4
Census Tract 100.02	Sedgwick	4	3	0	-1
Census Tract 100.03	Sedgwick	0	0	0	-1
Census Tract 100.04	Sedgwick	-1	0	0	-1
Census Tract 100.05	Sedgwick	1	3	0	-1

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## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 101.02	Sedgwick	-2	-1	0	0
Census Tract 101.03	Sedgwick	-1	0	0	-1
Census Tract 101.04	Sedgwick	1	3	0	-1
Census Tract 101.05	Sedgwick	-1	0	0	-1
Census Tract 101.06	Sedgwick	-1	0	0	-1
Census Tract 101.07	Sedgwick	-3	0	0	-1
Census Tract 101.08	Sedgwick	-1	0	0	-1
Census Tract 101.09	Sedgwick	0	0	0	-1
Census Tract 101.10	Sedgwick	-1	0	0	1
Census Tract 102	Sedgwick	2	1	0	0
Census Tract 103	Sedgwick	1	0	0	1
Census Tract 104	Sedgwick	2	1	1	0
Census Tract 105	Sedgwick	0	0	0	0
Census Tract 106	Sedgwick	0	0	0	0
Census Tract 107	Sedgwick	0	0	0	0
Census Tract 9656	Seward	1	1	0	3
Census Tract 9657	Seward	0	0	0	3
Census Tract 9658	Seward	0	-3	0	0
Census Tract 9659	Seward	-3	0	0	3
Census Tract 9660	Seward	1	-3	0	0
Census Tract 4	Shawnee	0	0	0	3
Census Tract 5	Shawnee	-1	0	0	3
Census Tract 6	Shawnee	0	0	0	3
Census Tract 7	Shawnee	2	0	0	3
Census Tract 8	Shawnee	1	3	0	3
Census Tract 9	Shawnee	0	0	0	3
Census Tract 10	Shawnee	0	0	0	3
Census Tract 11	Shawnee	0	0	0	3
Census Tract 12	Shawnee	3	0	0	3
Census Tract 13	Shawnee	1	1	0	3
Census Tract 15	Shawnee	4	3	0	3
Census Tract 16.01	Shawnee	0	3	0	3
Census Tract 16.02	Shawnee	1	0	0	3
Census Tract 18	Shawnee	-3	0	0	3
Census Tract 19	Shawnee	-4	-3	0	3
Census Tract 21	Shawnee	1	0	0	3
Census Tract 22	Shawnee	0	0	0	3
Census Tract 24	Shawnee	1	0	0	3
Census Tract 25	Shawnee	-1	0	0	3
Census Tract 26.01	Shawnee	0	0	0	3
Census Tract 26.02	Shawnee	1	-3	0	3
Census Tract 27.01	Shawnee	-2	-3	0	3
Census Tract 27.02	Shawnee	0	0	0	3
Census Tract 28	Shawnee	1	0	0	3
Census Tract 29	Shawnee	0	0	0	3
Census Tract 30.01	Shawnee	-3	0	0	3
Census Tract 30.02	Shawnee	1	3	0	3

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## Broadband Availability Change from Dec. 31, 2009 to

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 31	Shawnee	-3	0	0	3
Census Tract 33.01	Shawnee	0	1	0	3
Census Tract 33.02	Shawnee	1	1	0	0
Census Tract 34	Shawnee	1	2	3	0
Census Tract 35	Shawnee	1	0	4	0
Census Tract 36.01	Shawnee	1	0	0	0
Census Tract 36.03	Shawnee	-2	0	0	3
Census Tract 36.04	Shawnee	0	0	0	0
Census Tract 36.05	Shawnee	-1	0	0	3
Census Tract 37	Shawnee	0	0	0	3
Census Tract 39.01	Shawnee	0	1	0	3
Census Tract 39.02	Shawnee	0	-1	0	0
Census Tract 40	Shawnee	-2	0	0	3
Census Tract 41	Shawnee	0	0	0	3
Census Tract 9526	Sheridan	0	0	1	0
Census Tract 9527	Sheridan	1	1	1	0
Census Tract 9536	Sherman	1	0	0	3
Census Tract 9537	Sherman	-2	0	0	0
Census Tract 9758	Smith	0	0	0	0
Census Tract 9759	Smith	0	0	0	0
Census Tract 9706	Stafford	-1	0	0	0
Census Tract 9707	Stafford	0	0	0	0
Census Tract 9641	Stanton	0	0	0	3
Census Tract 9651	Stevens	0	0	0	0
Census Tract 9652	Stevens	0	0	0	3
Census Tract 9921	Sumner	0	0	3	1
Census Tract 9922	Sumner	0	0	0	1
Census Tract 9923	Sumner	0	0	0	0
Census Tract 9924	Sumner	-1	-1	0	3
Census Tract 9925	Sumner	2	1	0	3
Census Tract 9926	Sumner	0	-1	0	3
Census Tract 9531	Thomas	0	-3	0	3
Census Tract 9534	Thomas	0	0	0	0
Census Tract 9558	Trego	4	3	0	3
Census Tract 9831	Wabaunsee	0	0	0	3
Census Tract 9832	Wabaunsee	-1	0	0	3
Census Tract 9541	Wallace	0	0	0	0
Census Tract 9786	Washington	0	0	0	1
Census Tract 9787	Washington	1	0	0	0
Census Tract 9576	Wichita	-1	0	0	0
Census Tract 9971	Wilson	0	0	0	0
Census Tract 9972	Wilson	3	0	-1	1
Census Tract 9973	Wilson	0	0	0	1
Census Tract 9974	Wilson	2	1	1	0
Census Tract 9966	Woodson	0	0	0	0
Census Tract 9967	Woodson	0	0	0	0
Census Tract 400.01	Wyandotte	-2	0	0	0

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**Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010**

<b>Census Tract</b>	<b>County</b>	<b># of Providers of Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections over 200 kbps in at least one direction</b>	<b># of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream</b>	<b>Providers of Mobile Connections</b>
Census Tract 400.02	Wyandotte	2	0	0	1
Census Tract 402	Wyandotte	0	0	0	1
Census Tract 403	Wyandotte	0	0	0	1
Census Tract 404	Wyandotte	0	0	0	1
Census Tract 405	Wyandotte	0	0	0	1
Census Tract 406	Wyandotte	0	0	0	1
Census Tract 407	Wyandotte	0	0	0	1
Census Tract 408	Wyandotte	0	0	0	1
Census Tract 409	Wyandotte	0	0	0	1
Census Tract 410	Wyandotte	0	0	0	1
Census Tract 411	Wyandotte	0	0	0	1
Census Tract 412	Wyandotte	-3	0	0	1
Census Tract 413	Wyandotte	-1	0	0	1
Census Tract 415	Wyandotte	2	0	0	1
Census Tract 416	Wyandotte	0	3	0	1
Census Tract 417	Wyandotte	0	0	0	1
Census Tract 418	Wyandotte	-4	0	0	1
Census Tract 419	Wyandotte	1	0	0	1
Census Tract 420.01	Wyandotte	0	0	0	1
Census Tract 420.02	Wyandotte	-3	0	0	0
Census Tract 421	Wyandotte	-3	0	0	1
Census Tract 422	Wyandotte	0	0	0	1
Census Tract 423	Wyandotte	0	0	0	1
Census Tract 424	Wyandotte	1	0	0	1
Census Tract 425.01	Wyandotte	1	0	0	1
Census Tract 425.02	Wyandotte	1	0	0	1
Census Tract 426	Wyandotte	-2	0	0	1
Census Tract 427	Wyandotte	-3	0	0	1
Census Tract 428	Wyandotte	3	0	0	1
Census Tract 430	Wyandotte	0	0	1	1
Census Tract 433.01	Wyandotte	2	0	0	1
Census Tract 434	Wyandotte	-2	0	0	1
Census Tract 435	Wyandotte	0	0	0	1
Census Tract 436	Wyandotte	1	0	0	1
Census Tract 437	Wyandotte	1	3	0	1
Census Tract 438.02	Wyandotte	-2	0	0	1
Census Tract 438.03	Wyandotte	0	0	0	0
Census Tract 438.04	Wyandotte	0	0	0	1
Census Tract 439.03	Wyandotte	0	0	0	1
Census Tract 439.04	Wyandotte	0	0	0	0
Census Tract 439.05	Wyandotte	1	0	0	0
Census Tract 440.01	Wyandotte	1	0	0	1
Census Tract 440.03	Wyandotte	-2	3	0	0
Census Tract 440.04	Wyandotte	1	0	0	0
Census Tract 441.01	Wyandotte	2	0	0	1
Census Tract 441.02	Wyandotte	0	0	0	0
Census Tract 441.03	Wyandotte	-3	0	0	0

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## Broadband Availability Change from Dec. 31, 2009 to Dec. 31, 2010

Census Tract	County	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Census Tract 441.04	Wyandotte	2	0	0	0
Census Tract 442.01	Wyandotte	3	0	0	1
Census Tract 442.02	Wyandotte	0	0	0	0
Census Tract 443.01	Wyandotte	2	3	0	1
Census Tract 443.02	Wyandotte	-3	0	0	0
Census Tract 443.03	Wyandotte	0	0	0	0
Census Tract 444	Wyandotte	0	0	0	1
Census Tract 445	Wyandotte	-3	0	0	1
Census Tract 446.01	Wyandotte	-1	0	0	1
Census Tract 446.02	Wyandotte	0	0	0	0
Census Tract 446.03	Wyandotte	0	0	0	0
Census Tract 447.02	Wyandotte	2	1	0	1
Census Tract 447.03	Wyandotte	1	-3	0	0
Census Tract 447.04	Wyandotte	0	3	0	0
Census Tract 448.03	Wyandotte	-1	0	0	0
Census Tract 448.04	Wyandotte	0	0	0	0
Census Tract 448.05	Wyandotte	-3	0	0	0
Census Tract 448.06	Wyandotte	2	0	0	0
Census Tract 449	Wyandotte	-1	0	0	1
Census Tract 450	Wyandotte	-1	0	0	1
Census Tract 451	Wyandotte	0	3	0	1
Census Tract 452	Wyandotte	-1	0	0	1

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