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Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 15, 2013

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,

A handwritten signature in blue ink, appearing to read "Patti Petersen-Klein". The signature is fluid and cursive.

Patti Petersen-Klein
Executive Director
Kansas Corporation Commission

cc: Jeff McClanahan, Director, Utilities Division
Christine Aarnes, Chief of Telecommunications



KANSAS CORPORATION COMMISSION

Broadband Service Report

A Summary of Broadband Availability and Adoption in Kansas as of June 30, 2011

2013

KANSAS CORPORATION COMMISSION

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Table of Contents

I. Introduction.....	1
II. Background.....	1
III. Statutorily Required Information.....	3
IV. Additional Information	6
A. National Broadband Activities.....	6
B. Broadband Data.....	7
1. Subscription and Provider Information.....	7
2. Broadband Penetration	10
V. Conclusion	11

I. Introduction

This Report examines the state of Internet access in Kansas by summarizing public information collected by the Federal Communications Commission (FCC) regarding broadband availability and subscriptions. This Report is derived from the following data sources: the June 30, 2010, and June 30, 2011, editions of the FCC Form 477 public data, and the “Internet Access Services: Status as of June 30, 2011” Report published by the FCC’s Wireline Competition Bureau to provide an overview of broadband availability in Kansas. This Report also benefited from Kansas State Broadband Initiative (KSBI) and KU’s Data Access and Support Center (DASC) resources.

II. Background

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.¹ 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.²

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 is no longer 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.³

¹ K.S.A. 66-1251(a)(1).

² K.S.A. 66-1251(a)(2).

³ K.S.A. 66-1252.

On June 12, 2008, the FCC released an Order containing new broadband reporting requirements.⁴ 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. 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 10.0 Mbps but less than 25.0 Mbps; (7) equal to or greater than 25.0 Mbps but less than 100.0 Mbps; and (8) equal to or greater than 100.0 Mbps.⁵ The FCC determined that these changes were to take effect with the March 2009 filing of data reflecting broadband connections as of December 31, 2008.⁶ Although the FCC collects data for the varying speed tiers listed above, the FCC releases only aggregated state-specific data to the public.⁷ The FCC's public data recognizes the following four categories: 1) fixed connections over 200 kbps in at least one direction; 2) residential fixed connections over 200 kbps in at least one direction; 3) residential fixed connections at least 3 Mbps downstream and at least 768 kbps upstream; and 4) providers of mobile connections over 200 kbps in at least one direction.

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 because 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.

⁴ 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*).

⁵ *Report and Order*, paragraph 20. Note that these higher speed tiers are somewhat different than the speed tiers used for broadband mapping under the NTIA State Mapping program. The NTIA has speed tier breakpoints at 25 Mbps, 50 Mbps, 100 Mbps, and 1 Gbps. Also, the FCC has an open docket to review and modify its Form 477 reporting requirements.

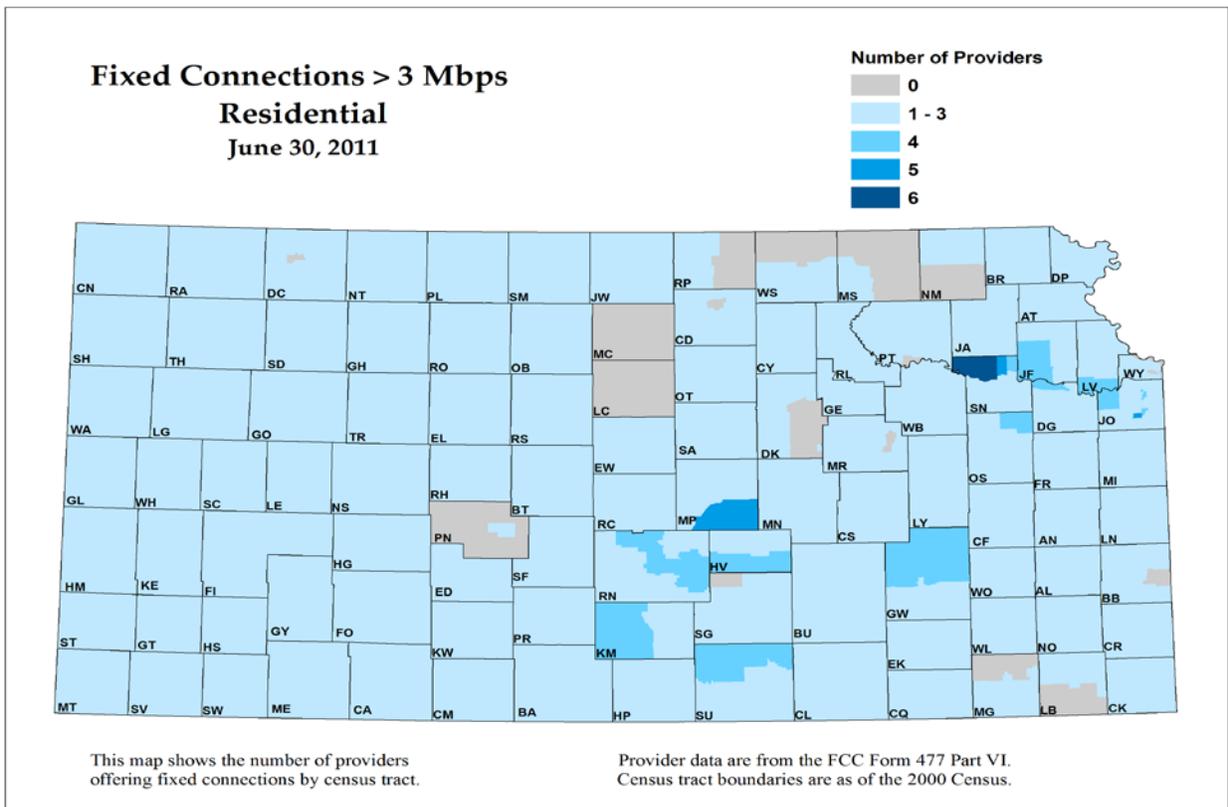
⁶ *Report and Order*, footnote 47.

⁷ The FCC's public data recognizes the following four categories: 1) fixed connections over 200 kbps in at least one direction; 2) residential fixed connections over 200 kbps in at least one direction; 3) residential fixed connections at least 3 Mbps downstream and at least 768 kbps upstream; and 4) providers of mobile connections over 200 kbps in at least one direction.

III. Statutorily Required Information

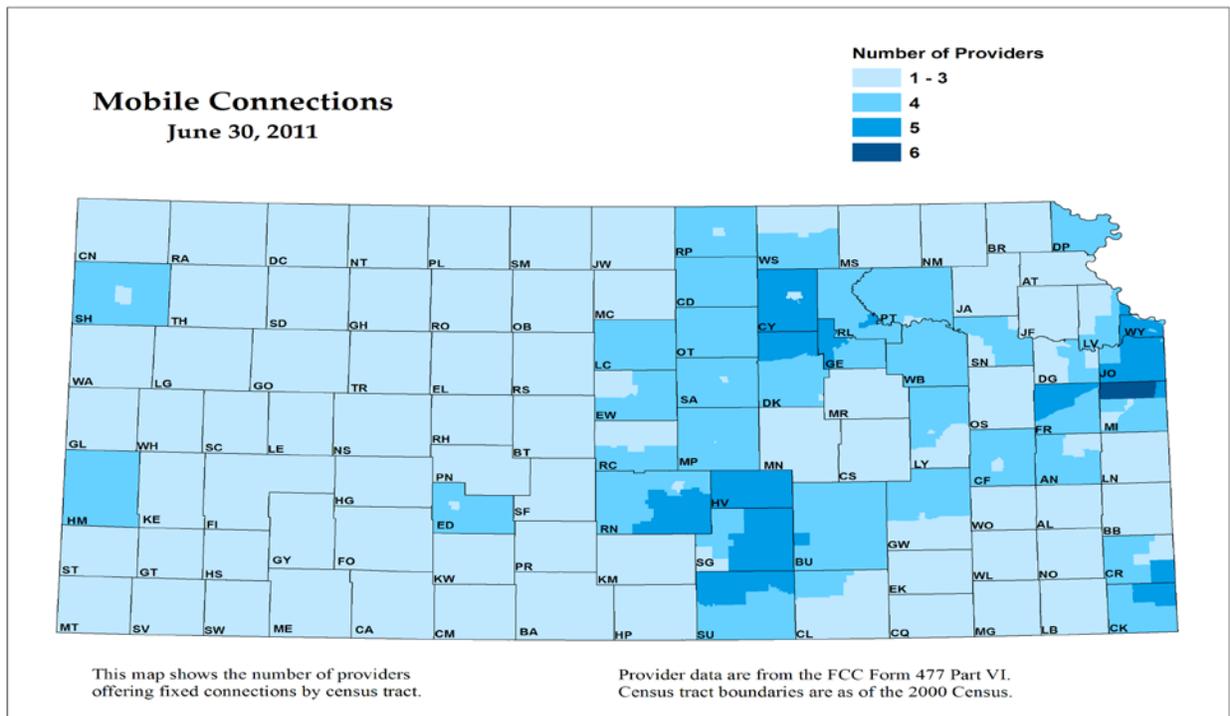
As required by the statute, information regarding the number of providers offering broadband service in each census tract is provided in Attachment A. In addition, a map depicting the number of providers offering residential fixed broadband connections of at least 3 Mbps in at least one direction is shown in Figure 1 below, and a map depicting the number of providers offering mobile connections over 200 kbps in at least one direction is shown in Figure 2.⁸ Additional maps depicting: 1) the number of providers offering fixed connections over 200 kbps in at least one direction; and 2) residential fixed connections over 200 kbps in at least one direction are provided in Attachment B

Figure 1



⁸ The maps included with this Report were developed and provided by KSBI/DASC.

Figure 2



The difference between the number of broadband service providers as of June 30, 2010, and June 30, 2011, is provided pursuant to K.S.A. 66-1251(a)(2) in Attachment C.⁹ In addition, a map depicting the change in the number of providers offering residential fixed broadband connections of at least 3 Mbps in at least one direction is shown in Figure 3 below, and a map depicting the change in the number of providers offering mobile connections over 200 kbps in at least one direction is shown in Figure 4 below. Additional maps depicting: 1) the change in the number of providers offering fixed connections over 200 kbps in at least one direction; and 2) the change in the number of residential fixed connections over 200 kbps in at least one direction are provided in Attachment B.

⁹ FCC filings including December 31, 2011 data were to be filed by March 1, 2012. Data as of June 30, 2012 was filed with the FCC by September 1, 2012. The FCC has not yet released the December 31, 2011 or the June 30, 2012 data to the public. This release may be imminent and an updated report can be provided if the FCC release is timely given the Kansas Legislature's schedule.

Figure 3

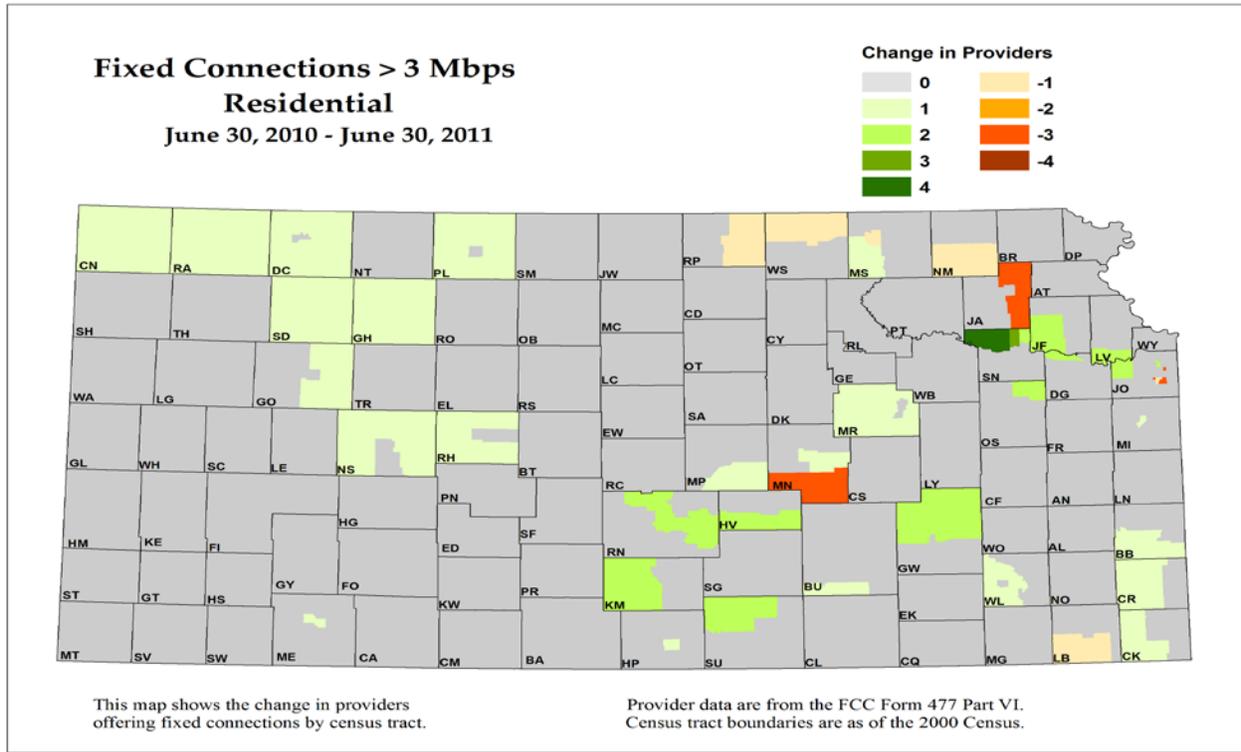
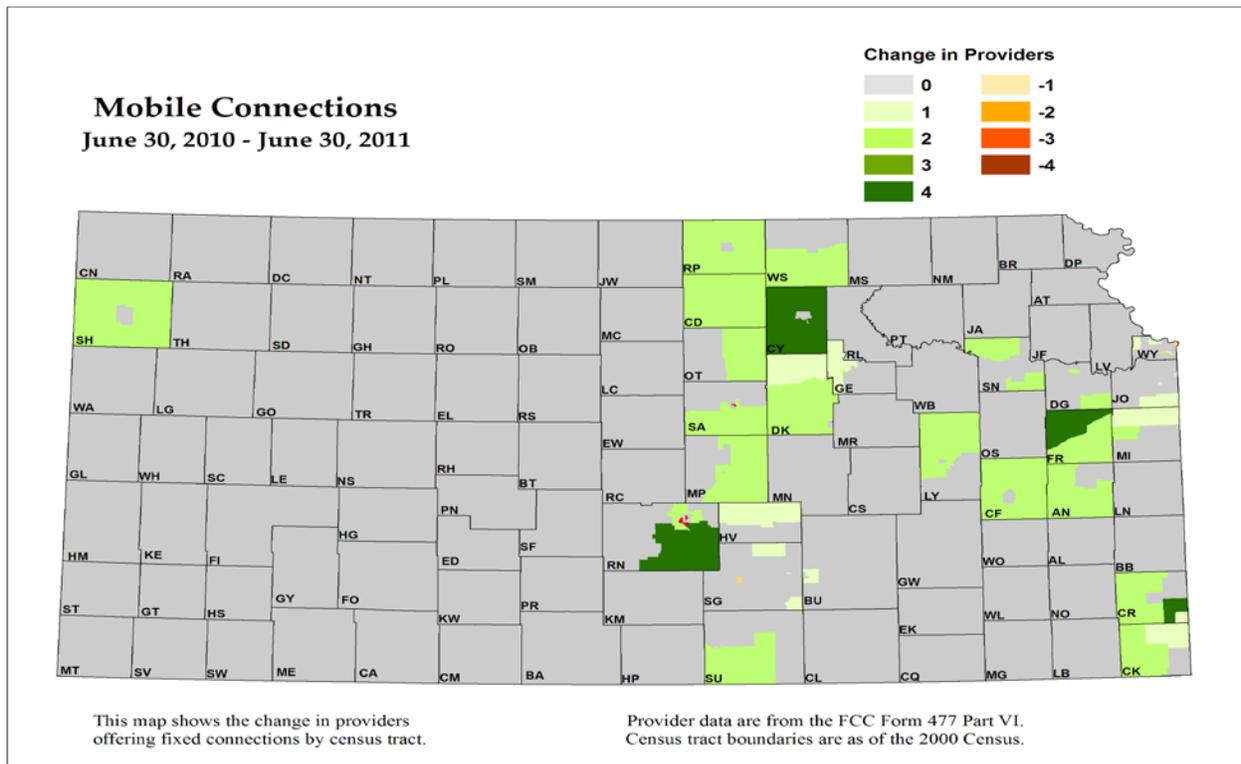


Figure 4



IV. 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, 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.

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 (CAF), 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.¹⁰

B. Broadband Data

1. Subscription and Provider Information

The FCC collects a variety of information on its 477 Forms, including the overall speeds of each broadband connection. For purposes of the Form 477, the FCC defines “connections” as wired “lines” or wireless “channels” that enable the end user to receive information from and/or send information to the Internet at information transfer rates exceeding 200 kbps in at least one direction.¹¹ This section offers some statistics about broadband connections in the state.

a) Subscriptions by Technology

Table 1 below reports the total number of connections over 200 kbps, in thousands, in at least one direction by technology by state. Information on the four surrounding states is provided for comparison purposes.

Table 1: Connections by Technology by State as of June 30, 2011
(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
Colorado	*	2	22	817	9	*	45	2,126	3,713
Kansas	273	1	*	447	32	*	24	1,141	1,938
Missouri	862	1	*	617	10	*	13	2,181	3,746
Nebraska	173	1	*	316	6	*	19	587	1,113
Oklahoma	384	#	*	474	10	*	9	1,361	2,276

* - Data withheld to maintain firm confidentiality.

**Data from Table 18 of the FCC's Internet Access Services Report: Status as of June 30, 2011

= Rounds to zero.

¹⁰ 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*”)

¹¹ The Federal Communications Commission has an open docket to review its data collection practices and modernize the Form 477 data program. A number of issues and practices are being evaluated including streamlining data collection, frequency of reporting, inclusion of additional information such as pricing, deployment and customer satisfaction, and data confidentiality.

Table 1 provides 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.¹² 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.¹³ Video conferencing requires speeds of 50 Mbps to 100 Mbps and real-time medical image consultation requires over 100 Mbps.¹⁴ 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 Kansas Legislature set the statutory definition of broadband at 1.5 Mbps and the FCC is requiring deployment of broadband with actual speeds of 4 Mbps downstream and 1 Mbps upstream. Table 2 below provides 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 to the state definition.

Table 2: Connections by Technology by State as of June 30, 2011
(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	770	5	*	20	284	1,411
Kansas	51	#	*	222	18	*	1	303	597
Missouri	167	*	5	387	4	*	1	406	970
Nebraska	75	*	#	233	2	0	1	*	331
Oklahoma	60	*	1	297	6	*	*	171	536

* Data withheld to maintain firm confidentiality.

= Rounds to zero.

**Data from Table 19 of the FCC's Internet Access Services Report: Status as of June 30, 2011

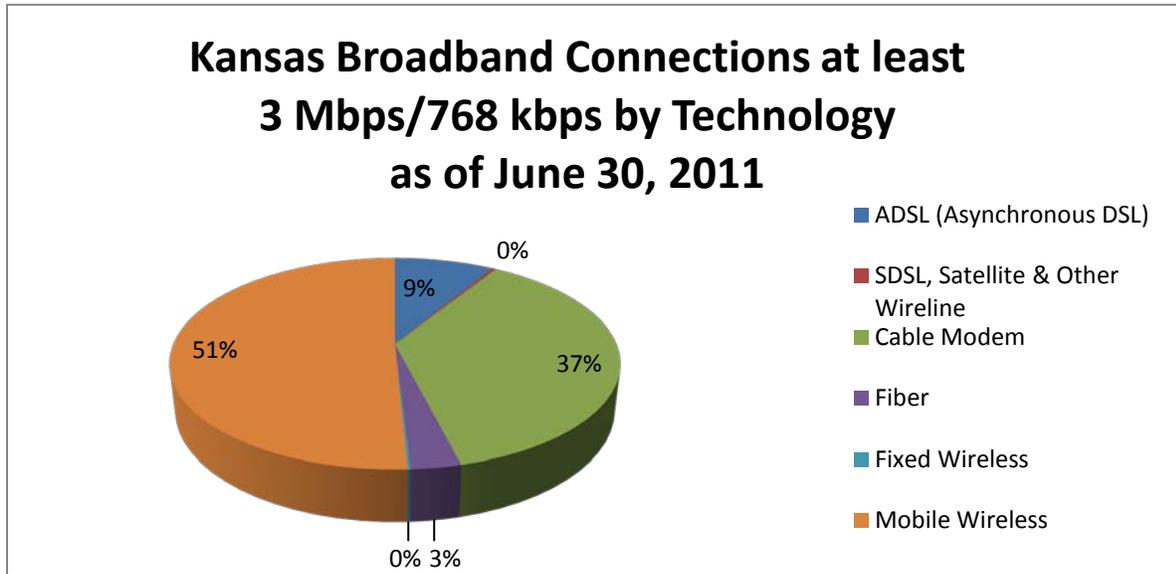
¹² However, even this “minimal” required download speed is being overtaken by user demands as emails are becoming increasingly content-laden, and communication via social media (e.g., Facebook and Twitter) is increasingly taking the place of email in some circumstances.

¹³ The Kansas Department of Commerce is completing a broadband “needs assessment” for Anchor Institutions which are Kan-Ed members. This needs assessment will be provided to the Kansas Legislature in January 2013.

¹⁴ See <http://www.fcc.gov/print/34422> and <http://broadband.about.com/b/2011/10/01/broadbandspeedtable.htm>

Figure 5 below illustrates the percentage of total connections of at least 3 Mbps download/768 kbps upload in Kansas, by type of technology.

Figure 5



b) Subscriptions by Speed

The percentage of connections by downstream speeds is depicted below in Table 3. Data is provided for Kansas, the four surrounding states, and the national average. As depicted in the table, Kansas broadband subscription speeds are fairly comparable to the broadband subscription speeds for the nation, except for the 10 Mbps or greater metric. Kansas fares better than some of the surrounding states on some of the speed metrics and worse on other speed metrics.

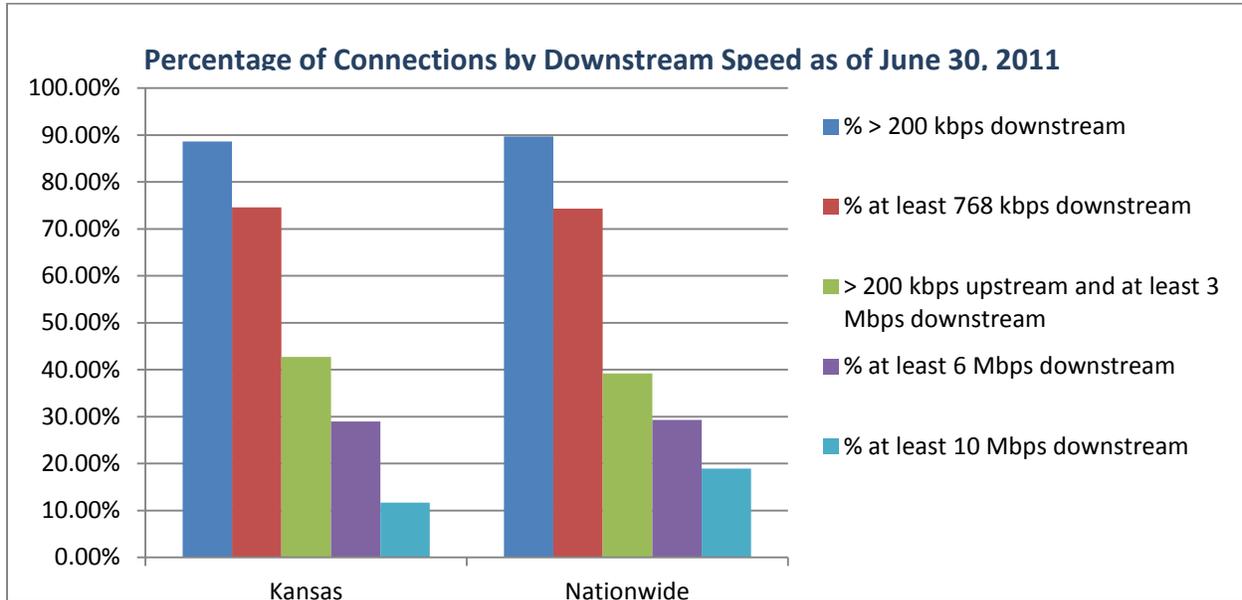
Table 3: Percentage of Connections by Downstream Speed by State as of June 30, 2011 (Connections at least 200 kbps in at least one direction)**

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
Colorado	91.90%	75.20%	39.10%	34.20%	22.00%
Kansas	88.60%	74.60%	42.70%	29.00%	11.70%
Missouri	90.60%	80.40%	34.40%	22.60%	11.10%
Nebraska	84.70%	59.70%	37.10%	23.80%	20.50%
Oklahoma	93.10%	86.90%	32.80%	16.40%	13.00%
Nationwide	89.70%	74.30%	39.20%	29.30%	18.90%

**Data from Table 20 of the FCC's Internet Access Services Report: Status as of June 30, 2011

As further illustrated in Figure 6 below, Kansas subscription rates at the various speed metrics are fairly comparable to the nation as a whole.

Figure 6



2. Broadband Penetration

Broadband penetration is defined as the ratio of residential fixed subscribers to total households for a particular geography. Table 4 below shows broadband service penetration in Kansas for connections greater than 200 kbps in at least one direction and for connections at least 3 Mbps downstream and 768 kbps upstream. The FCC’s Form 477 data includes the information necessary to calculate the broadband penetration at the census tract level, but due to confidentiality restrictions, the information cannot be released at this level of granularity. The total residential “Fixed Subscriptions” is derived from FCC Form 477 public data as of June 30, 2011, and includes fixed wireless and satellite connections for the two speed tiers, but excludes mobile wireless connections. The household data is from the American Community Survey (ACS) Estimates for 2007-2011. The ACS data is more current than the 2010 Census data and is considered to be the definitive demographic data source of the federal government in that it “is a nationwide survey designed to provide communities with reliable and timely demographic, social, economic, and housing data every year”.¹⁵

¹⁵ U.S. Census Bureau, *A Compass for Understanding and Using American Community Survey Data: What General Data Users Need to Know*, U.S. Government Printing Office, Washington, D.C., 2008, Foreword, at page iv.

Table 4: Broadband Penetration as of June 30, 2011**

	# of Connections	Households	Penetration Rate
Connections > 200 kbps in at least one direction	777,000	1,228,959	63%
Connections at least 3 Mbps downstream and 768 kbps upstream	292,000	1,228,959	24%

**Connection data from Tables 19 and 23 of the FCC's Internet Access Services Report: Status as of June 30, 2011

V. Conclusion

As stated in the NBP, broadband is the great infrastructure challenge of the early 21st 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.¹⁶ 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. For example, in cooperation with KSBI, broadband mapping data has been combined with new oil and gas well activity, since broadband availability is a critical infrastructure component to support new jobs and businesses associated with expanded drilling activity. The maps are included in Attachment D to this Report.

¹⁶ FCC's National Broadband Plan, February 2010, Executive Summary.

2013 KANSAS BROADBAND REPORT
ATTACHMENT A

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Allen	20001952600	6	5	1	1
Allen	20001952700	6	6	1	1
Allen	20001952800	5	4	1	1
Allen	20001952900	5	4	1	1
Allen	20001953000	5	5	1	1
Anderson	20003953600	8	5	1	1
Anderson	20003953700	5	5	1	4
Atchison	20005981600	9	7	1	1
Atchison	20005981700	7	7	1	1
Atchison	20005981800	8	6	1	1
Atchison	20005981900	5	1	1	1
Barber	20007968100	7	6	1	1
Barber	20007968200	4	4	1	1
Barton	20009971100	8	6	1	1
Barton	20009971200	7	6	1	1
Barton	20009971300	5	4	1	1
Barton	20009971400	4	4	1	1
Barton	20009971500	6	4	1	1
Barton	20009971600	7	5	1	1
Barton	20009971700	7	4	1	1
Barton	20009971800	9	7	1	1
Bourbon	20011955600	7	7	1	1
Bourbon	20011955700	6	6	1	1
Bourbon	20011955800	6	6	0	1
Bourbon	20011955900	5	5	0	1
Bourbon	20011956000	4	4	0	1
Brown	20013980600	9	7	1	1
Brown	20013980700	6	5	1	1
Brown	20013980800	8	7	1	1
Butler	20015020100	9	7	1	4
Butler	20015020201	8	5	1	4
Butler	20015020202	7	4	1	5
Butler	20015020203	7	5	1	5
Butler	20015020300	6	5	1	4
Butler	20015020400	7	4	1	4
Butler	20015020500	6	1	1	4
Butler	20015020600	8	6	1	4
Butler	20015020700	4	1	1	4
Butler	20015020800	6	5	1	4
Butler	20015020901	7	6	1	4
Butler	20015020902	7	5	1	4
Butler	20015020903	6	6	1	4
Chase	20017990600	8	7	1	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Chautauqua	20019994600	6	5	1	1
Cherokee	20021958100	7	7	1	5
Cherokee	20021958200	8	7	1	4
Cherokee	20021958300	7	6	1	4
Cherokee	20021958400	6	6	1	4
Cherokee	20021958500	6	5	1	4
Cherokee	20021958600	8	6	1	4
Cheyenne	20023950200	6	6	1	1
Clark	20025967100	6	5	1	1
Clay	20027958100	6	6	1	5
Clay	20027958200	6	4	1	1
Cloud	20029977100	6	6	1	4
Cloud	20029977200	5	4	0	4
Cloud	20029977300	5	1	0	4
Cloud	20029977400	5	5	1	4
Coffey	20031996100	9	7	1	4
Coffey	20031996200	7	7	1	4
Coffey	20031996300	7	4	1	1
Comanche	20033967600	7	7	1	1
Cowley	20035993100	7	7	1	1
Cowley	20035993200	7	7	1	4
Cowley	20035993300	8	7	1	1
Cowley	20035993400	7	6	1	1
Cowley	20035993500	7	7	1	1
Cowley	20035993600	6	5	1	1
Cowley	20035993700	5	4	1	1
Cowley	20035993800	5	5	1	1
Cowley	20035993900	5	5	1	1
Cowley	20035994000	4	1	1	1
Cowley	20035994100	1	1	1	1
Crawford	20037956600	6	6	1	1
Crawford	20037956700	6	6	1	4
Crawford	20037956800	5	1	1	1
Crawford	20037956900	7	7	1	5
Crawford	20037957000	6	6	1	5
Crawford	20037957100	6	4	1	5
Crawford	20037957200	10	7	1	5
Crawford	20037957300	6	6	1	5
Crawford	20037957400	1	1	1	5
Crawford	20037957500	8	4	1	5
Crawford	20037957600	7	6	1	5
Decatur	20039951100	4	4	1	1
Decatur	20039951200	5	4	0	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Dickinson	20041984100	8	7	1	5
Dickinson	20041984200	6	5	1	4
Dickinson	20041984300	7	6	1	4
Dickinson	20041984400	8	6	1	4
Dickinson	20041984500	6	6	0	4
Dickinson	20041984600	4	4	1	1
Doniphan	20043020100	5	5	1	4
Doniphan	20043020200	4	4	1	4
Doniphan	20043020300	6	6	1	4
Douglas	20045000100	8	5	1	4
Douglas	20045000200	8	1	1	4
Douglas	20045000300	6	1	1	4
Douglas	20045000400	4	1	1	4
Douglas	20045000501	1	1	1	4
Douglas	20045000502	7	1	1	4
Douglas	20045000601	6	5	1	4
Douglas	20045000602	4	1	1	4
Douglas	20045000701	5	1	1	4
Douglas	20045000702	4	1	1	4
Douglas	20045000797	1	1	1	4
Douglas	20045000801	5	5	1	4
Douglas	20045000802	5	1	1	4
Douglas	20045000901	6	1	1	4
Douglas	20045000902	5	1	1	4
Douglas	20045001001	5	1	1	4
Douglas	20045001002	4	1	1	4
Douglas	20045001201	7	6	1	4
Douglas	20045001202	6	6	1	1
Douglas	20045001203	8	7	1	4
Douglas	20045001400	7	7	1	1
Douglas	20045001500	6	6	4	1
Edwards	20047969600	7	7	1	4
Edwards	20047969700	5	5	1	1
Elk	20049995100	7	7	1	1
Ellis	20051972600	7	6	1	1
Ellis	20051972700	8	5	1	1
Ellis	20051972800	7	4	1	1
Ellis	20051972900	5	4	1	1
Ellis	20051973000	5	5	1	1
Ellsworth	20053986600	8	7	1	4
Ellsworth	20053986700	6	6	1	1
Finney	20055960100	8	7	1	1
Finney	20055960200	6	4	1	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Finney	20055960300	5	4	1	1
Finney	20055960400	8	5	1	1
Finney	20055960500	8	6	1	1
Finney	20055960600	6	6	1	1
Ford	20057961600	4	4	1	1
Ford	20057961700	6	5	1	1
Ford	20057961800	8	6	1	1
Ford	20057961900	8	6	1	1
Ford	20057962000	8	5	1	1
Ford	20057962100	7	6	1	1
Franklin	20059954100	7	7	1	5
Franklin	20059954200	7	4	1	5
Franklin	20059954300	4	4	1	5
Franklin	20059954400	6	4	1	5
Franklin	20059954500	9	7	1	4
Geary	20061000100	4	4	1	5
Geary	20061000200	4	1	1	5
Geary	20061000300	4	1	1	5
Geary	20061000400	5	4	1	4
Geary	20061000500	5	4	1	5
Geary	20061000600	5	4	1	5
Geary	20061000700	8	6	1	4
Geary	20061000800	9	7	1	5
Gove	20063955100	4	4	1	1
Gove	20063955200	4	4	1	1
Graham	20065952100	1	1	1	1
Graham	20065952200	1	1	1	1
Grant	20067963600	1	1	1	1
Grant	20067963700	4	1	1	1
Gray	20069962600	4	4	1	1
Gray	20069962700	1	1	1	1
Greeley	20071958100	5	5	1	1
Greenwood	20073995600	10	7	4	4
Greenwood	20073995700	6	5	1	1
Greenwood	20073995800	5	5	1	1
Hamilton	20075958600	1	1	1	4
Harper	20077991600	7	7	1	1
Harper	20077991700	6	5	1	1
Harper	20077991800	6	4	1	1
Harvey	20079030100	8	6	1	5
Harvey	20079030200	6	6	1	5
Harvey	20079030300	7	6	1	5
Harvey	20079030400	8	6	1	5

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Harvey	20079030500	12	7	1	5
Harvey	20079030600	11	7	4	5
Haskell	20081963100	6	6	1	1
Hodgeman	20083961100	5	4	1	1
Jackson	20085982600	5	5	1	1
Jackson	20085982700	7	5	1	1
Jackson	20085982800	7	6	1	1
Jefferson	20087020100	9	7	4	1
Jefferson	20087020200	5	5	1	1
Jefferson	20087020300	7	7	1	1
Jewell	20089976100	5	5	1	1
Jewell	20089976200	4	4	1	1
Johnson	20091050000	8	1	1	5
Johnson	20091050100	9	1	1	5
Johnson	20091050200	8	4	1	5
Johnson	20091050301	11	1	1	5
Johnson	20091050302	12	1	1	5
Johnson	20091050400	9	1	1	5
Johnson	20091050500	5	1	1	5
Johnson	20091050600	10	4	1	5
Johnson	20091050700	5	1	1	5
Johnson	20091050800	1	1	1	4
Johnson	20091050900	5	1	1	5
Johnson	20091051000	4	1	1	5
Johnson	20091051100	8	1	1	5
Johnson	20091051200	6	4	1	5
Johnson	20091051300	6	1	1	5
Johnson	20091051400	4	1	1	5
Johnson	20091051500	6	1	1	5
Johnson	20091051600	7	4	1	5
Johnson	20091051700	8	4	1	5
Johnson	20091051801	9	1	1	5
Johnson	20091051802	11	5	1	5
Johnson	20091051803	9	4	1	5
Johnson	20091051804	11	4	1	5
Johnson	20091051805	12	4	1	5
Johnson	20091051806	9	4	1	5
Johnson	20091051902	6	1	1	5
Johnson	20091051903	11	5	1	5
Johnson	20091051904	10	4	1	5
Johnson	20091051905	5	1	1	5
Johnson	20091051906	8	1	1	5
Johnson	20091051907	6	1	1	5

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Johnson	20091052001	10	4	1	5
Johnson	20091052003	8	1	1	5
Johnson	20091052004	7	1	1	5
Johnson	20091052101	10	5	1	5
Johnson	20091052102	8	4	1	5
Johnson	20091052201	7	1	1	5
Johnson	20091052202	4	1	1	5
Johnson	20091052301	6	5	1	5
Johnson	20091052303	9	4	1	5
Johnson	20091052304	8	4	1	5
Johnson	20091052405	11	5	4	5
Johnson	20091052410	7	4	1	5
Johnson	20091052411	1	1	1	5
Johnson	20091052412	8	1	1	5
Johnson	20091052413	14	4	1	5
Johnson	20091052414	6	4	4	5
Johnson	20091052415	13	4	1	5
Johnson	20091052416	13	4	1	5
Johnson	20091052417	14	5	4	5
Johnson	20091052501	9	1	1	5
Johnson	20091052502	5	1	1	5
Johnson	20091052601	6	5	1	5
Johnson	20091052602	6	4	1	5
Johnson	20091052603	6	1	1	5
Johnson	20091052700	12	7	4	4
Johnson	20091052801	10	5	1	5
Johnson	20091052802	5	1	1	5
Johnson	20091052803	4	1	1	5
Johnson	20091052901	14	1	1	5
Johnson	20091052904	4	1	1	5
Johnson	20091052905	10	1	1	5
Johnson	20091052906	4	1	1	5
Johnson	20091052907	10	1	1	5
Johnson	20091052908	12	4	1	5
Johnson	20091053002	11	1	1	5
Johnson	20091053004	8	1	1	5
Johnson	20091053005	13	4	4	5
Johnson	20091053006	8	1	1	5
Johnson	20091053007	7	1	1	5
Johnson	20091053008	6	1	1	5
Johnson	20091053009	5	1	1	5
Johnson	20091053010	5	1	1	5
Johnson	20091053011	6	1	1	5

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Johnson	20091053101	16	4	1	5
Johnson	20091053102	14	4	1	5
Johnson	20091053105	9	4	1	5
Johnson	20091053106	7	1	1	5
Johnson	20091053201	15	4	1	5
Johnson	20091053202	6	1	1	5
Johnson	20091053203	13	1	1	5
Johnson	20091053301	12	1	1	5
Johnson	20091053302	5	1	1	5
Johnson	20091053403	4	1	1	5
Johnson	20091053404	6	1	1	5
Johnson	20091053405	6	4	1	5
Johnson	20091053406	9	4	4	5
Johnson	20091053407	10	4	1	5
Johnson	20091053408	9	1	1	5
Johnson	20091053409	6	1	1	5
Johnson	20091053410	7	1	1	5
Johnson	20091053502	11	1	1	5
Johnson	20091053505	7	6	5	5
Johnson	20091053506	8	4	1	5
Johnson	20091053507	4	1	1	5
Johnson	20091053508	7	4	1	5
Johnson	20091053509	8	1	1	5
Johnson	20091053510	7	1	1	5
Johnson	20091053555	9	1	1	5
Johnson	20091053556	6	1	1	5
Johnson	20091053557	5	1	1	5
Johnson	20091053601	5	1	1	5
Johnson	20091053602	14	5	1	5
Johnson	20091053701	4	4	1	5
Johnson	20091053702	12	7	1	5
Johnson	20091053801	7	6	1	5
Johnson	20091053802	8	6	1	5
Kearny	20093959100	1	1	1	1
Kingman	20095991100	9	7	1	1
Kingman	20095991200	7	6	1	1
Kingman	20095991300	11	7	4	1
Kiowa	20097969100	6	5	1	1
Labette	20099950100	7	5	1	1
Labette	20099950200	7	5	1	1
Labette	20099950300	4	4	1	1
Labette	20099950400	7	5	1	1
Labette	20099950500	7	7	1	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Labette	20099950600	6	6	0	1
Labette	20099950700	6	5	1	1
Labette	20099950800	4	4	0	1
Lane	20101956600	4	1	1	1
Leavenworth	20103070100	7	5	1	4
Leavenworth	20103070200	6	1	1	4
Leavenworth	20103070300	5	4	1	4
Leavenworth	20103070400	5	4	1	4
Leavenworth	20103070500	9	4	1	4
Leavenworth	20103070700	4	1	1	4
Leavenworth	20103070801	5	1	1	4
Leavenworth	20103070802	5	1	1	4
Leavenworth	20103070900	8	7	1	1
Leavenworth	20103071000	7	7	1	1
Leavenworth	20103071101	8	6	1	4
Leavenworth	20103071102	4	4	1	5
Leavenworth	20103071200	5	5	1	4
Leavenworth	20103071300	6	5	1	1
Leavenworth	20103071400	9	7	4	4
Lincoln	20105986100	7	7	0	4
Linn	20107955100	7	6	1	1
Linn	20107955200	4	4	1	1
Logan	20109954600	6	5	1	1
Lyon	20111000100	4	4	1	4
Lyon	20111000200	9	5	1	1
Lyon	20111000300	7	4	1	4
Lyon	20111000400	1	1	1	4
Lyon	20111000500	5	1	1	4
Lyon	20111000600	9	7	1	4
Lyon	20111000700	6	5	1	4
Lyon	20111000800	7	6	1	1
McPherson	20113988100	9	6	1	4
McPherson	20113988200	5	5	1	4
McPherson	20113988300	9	7	1	4
McPherson	20113988400	7	6	1	4
McPherson	20113988500	4	1	1	1
McPherson	20113988600	6	5	1	4
McPherson	20113988700	9	7	5	4
Marion	20115989500	6	6	1	1
Marion	20115989600	7	6	1	1
Marion	20115989700	7	7	1	1
Marion	20115989800	8	7	1	1
Marshall	20117979100	7	6	0	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Marshall	20117979200	5	4	0	1
Marshall	20117979300	6	6	1	1
Marshall	20117979400	4	4	0	1
Meade	20119966600	6	6	1	1
Meade	20119966700	6	5	1	1
Miami	20121100100	7	7	1	6
Miami	20121100200	9	7	1	6
Miami	20121100300	7	7	1	5
Miami	20121100400	7	6	1	4
Miami	20121100500	10	7	1	4
Miami	20121100601	7	6	1	1
Miami	20121100602	8	7	1	4
Miami	20121100700	8	6	1	1
Mitchell	20123976600	9	7	0	1
Mitchell	20123976700	1	1	0	1
Montgomery	20125950100	7	7	0	1
Montgomery	20125950200	5	5	1	1
Montgomery	20125950300	7	6	1	1
Montgomery	20125950400	5	1	1	1
Montgomery	20125950500	5	5	1	1
Montgomery	20125950600	6	6	1	1
Montgomery	20125950700	8	6	1	1
Montgomery	20125950800	7	7	1	1
Montgomery	20125950900	9	7	1	1
Montgomery	20125951000	4	4	1	1
Montgomery	20125951100	4	4	1	1
Montgomery	20125951200	5	1	1	1
Montgomery	20125951300	5	5	1	1
Morris	20127983600	6	6	1	1
Morris	20127983700	5	4	0	1
Morton	20129964600	4	1	1	1
Nemaha	20131980100	7	6	1	1
Nemaha	20131980200	7	6	1	1
Nemaha	20131980300	6	6	0	1
Neosho	20133951600	8	7	1	1
Neosho	20133951700	5	4	1	1
Neosho	20133951800	5	4	1	1
Neosho	20133951900	6	4	1	1
Neosho	20133952000	6	6	1	1
Ness	20135956100	1	1	1	1
Ness	20135956200	4	1	1	1
Norton	20137951700	4	4	1	1
Osage	20139010100	7	7	4	1

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Osage	20139010200	7	7	1	1
Osage	20139010300	8	7	1	1
Osage	20139010400	5	4	1	1
Osage	20139010500	8	6	1	1
Osborne	20141974100	7	6	1	1
Ottawa	20143985600	5	5	1	4
Ottawa	20143985700	8	6	1	4
Pawnee	20145970200	7	5	1	1
Pawnee	20145970300	1	1	0	1
Phillips	20147975100	4	4	1	1
Phillips	20147975200	4	1	1	1
Phillips	20147975300	5	4	1	1
Pottawatomie	20149000100	9	6	1	4
Pottawatomie	20149000200	4	1	0	1
Pottawatomie	20149000300	5	5	1	4
Pottawatomie	20149000400	8	7	1	4
Pratt	20151968600	8	7	1	1
Pratt	20151968700	5	4	1	1
Pratt	20151968800	8	5	1	1
Rawlins	20153950600	7	7	1	1
Reno	20155000100	4	1	1	1
Reno	20155000200	8	5	1	1
Reno	20155000300	5	1	1	1
Reno	20155000400	1	1	1	1
Reno	20155000500	5	4	1	1
Reno	20155000600	5	1	1	1
Reno	20155000700	6	6	1	1
Reno	20155000800	5	1	1	1
Reno	20155001000	8	5	1	1
Reno	20155001100	8	7	1	4
Reno	20155001200	7	7	1	4
Reno	20155001300	5	4	1	4
Reno	20155001400	8	7	4	5
Reno	20155001500	9	7	1	4
Reno	20155001600	7	7	4	4
Reno	20155001700	7	6	1	4
Reno	20155001800	6	6	1	5
Republic	20157978100	6	6	0	4
Republic	20157978200	6	6	1	4
Republic	20157978300	6	5	0	1
Rice	20159987100	7	6	1	1
Rice	20159987200	6	4	1	1
Rice	20159987300	9	7	1	4

Broadband Availability as of June 30, 2011

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Riley	20161000100	8	7	1	4
Riley	20161000200	4	4	1	5
Riley	20161000301	4	4	1	5
Riley	20161000302	4	1	1	5
Riley	20161000400	4	4	1	5
Riley	20161000500	5	1	1	5
Riley	20161000600	6	4	1	5
Riley	20161000700	7	1	1	5
Riley	20161000801	6	4	1	5
Riley	20161000802	6	1	1	5
Riley	20161000900	7	7	1	4
Riley	20161001000	4	1	1	4
Rooks	20163974600	6	6	1	1
Rooks	20163974700	5	4	1	1
Rush	20165972100	4	4	1	1
Rush	20165972200	5	5	1	1
Russell	20167973800	1	1	1	1
Russell	20167973900	6	6	1	1
Saline	20169000100	9	5	1	4
Saline	20169000200	6	4	1	4
Saline	20169000300	5	4	1	4
Saline	20169000400	5	1	1	1
Saline	20169000500	4	4	1	1
Saline	20169000600	5	4	1	4
Saline	20169000700	4	1	1	1
Saline	20169000800	6	1	1	1
Saline	20169000900	4	4	1	1
Saline	20169001000	6	5	1	4
Saline	20169001100	7	7	1	4
Saline	20169001200	8	7	1	4
Scott	20171957100	8	6	1	1
Sedgwick	20173000100	5	1	1	5
Sedgwick	20173000200	1	1	1	5
Sedgwick	20173000300	8	4	1	5
Sedgwick	20173000400	8	1	1	5
Sedgwick	20173000600	4	1	1	5
Sedgwick	20173000700	4	1	1	5
Sedgwick	20173000800	1	1	1	5
Sedgwick	20173000900	1	1	1	5
Sedgwick	20173001000	1	1	1	5
Sedgwick	20173001100	5	1	1	5
Sedgwick	20173001400	1	1	1	5
Sedgwick	20173001500	4	1	1	5

Broadband Availability as of June 30, 2011

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Sedgwick	20173001800	6	1	1	5
Sedgwick	20173001900	6	1	1	5
Sedgwick	20173002000	1	1	1	5
Sedgwick	20173002100	5	1	1	5
Sedgwick	20173002200	1	1	1	5
Sedgwick	20173002300	4	1	1	5
Sedgwick	20173002400	7	1	1	5
Sedgwick	20173002600	6	1	1	5
Sedgwick	20173002700	1	1	1	5
Sedgwick	20173002800	1	1	1	5
Sedgwick	20173002900	1	1	1	5
Sedgwick	20173003000	5	1	1	5
Sedgwick	20173003100	4	1	1	5
Sedgwick	20173003200	4	1	1	5
Sedgwick	20173003400	5	1	1	5
Sedgwick	20173003500	4	1	1	5
Sedgwick	20173003600	1	1	1	5
Sedgwick	20173003700	1	1	1	5
Sedgwick	20173003800	1	1	1	5
Sedgwick	20173003900	6	1	1	5
Sedgwick	20173004000	1	1	1	5
Sedgwick	20173004300	12	4	1	5
Sedgwick	20173005100	7	1	1	5
Sedgwick	20173005200	4	1	1	5
Sedgwick	20173005300	5	1	1	5
Sedgwick	20173005400	6	5	1	5
Sedgwick	20173005501	5	1	1	5
Sedgwick	20173005502	6	5	1	5
Sedgwick	20173005600	4	4	1	5
Sedgwick	20173005700	7	1	1	5
Sedgwick	20173005800	4	1	1	5
Sedgwick	20173005900	7	1	1	5
Sedgwick	20173006000	1	1	1	5
Sedgwick	20173006100	4	1	1	5
Sedgwick	20173006200	4	1	1	5
Sedgwick	20173006300	7	1	1	5
Sedgwick	20173006400	1	1	1	5
Sedgwick	20173006500	4	1	1	5
Sedgwick	20173006600	5	4	1	5
Sedgwick	20173006700	1	1	1	5
Sedgwick	20173006800	5	1	1	5
Sedgwick	20173006900	1	1	1	5
Sedgwick	20173007000	5	1	1	5

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Sedgwick	20173007100	8	1	1	5
Sedgwick	20173007201	6	1	1	5
Sedgwick	20173007202	7	1	1	5
Sedgwick	20173007301	7	1	1	5
Sedgwick	20173007302	9	1	1	5
Sedgwick	20173007400	1	1	1	5
Sedgwick	20173007500	1	1	1	5
Sedgwick	20173007600	4	1	1	5
Sedgwick	20173007700	4	1	1	5
Sedgwick	20173007800	1	1	1	5
Sedgwick	20173008000	8	4	1	5
Sedgwick	20173008100	10	5	1	5
Sedgwick	20173008200	4	1	1	5
Sedgwick	20173008300	1	1	1	5
Sedgwick	20173008400	8	1	1	5
Sedgwick	20173008500	1	1	1	5
Sedgwick	20173008600	6	1	1	5
Sedgwick	20173008700	1	1	1	5
Sedgwick	20173008800	4	1	1	5
Sedgwick	20173008900	5	1	1	5
Sedgwick	20173009000	6	1	1	5
Sedgwick	20173009100	9	1	1	5
Sedgwick	20173009200	10	4	1	5
Sedgwick	20173009301	6	1	1	5
Sedgwick	20173009302	5	1	1	5
Sedgwick	20173009401	1	1	1	5
Sedgwick	20173009402	5	1	1	5
Sedgwick	20173009503	10	4	1	5
Sedgwick	20173009504	1	1	1	5
Sedgwick	20173009505	4	1	1	5
Sedgwick	20173009506	1	1	1	5
Sedgwick	20173009507	5	5	1	5
Sedgwick	20173009508	6	5	1	4
Sedgwick	20173009509	6	5	1	5
Sedgwick	20173009510	4	4	1	5
Sedgwick	20173009511	7	4	1	5
Sedgwick	20173009512	1	1	1	5
Sedgwick	20173009513	6	1	1	5
Sedgwick	20173009600	10	6	1	5
Sedgwick	20173009700	7	6	1	5
Sedgwick	20173009801	5	1	1	5
Sedgwick	20173009802	5	1	1	5
Sedgwick	20173009900	5	5	1	5

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Sedgwick	20173010001	1	1	1	5
Sedgwick	20173010002	4	1	1	5
Sedgwick	20173010003	1	1	1	5
Sedgwick	20173010004	6	5	1	5
Sedgwick	20173010005	6	4	1	5
Sedgwick	20173010102	11	5	1	5
Sedgwick	20173010103	8	1	1	5
Sedgwick	20173010104	8	1	1	5
Sedgwick	20173010105	9	1	1	5
Sedgwick	20173010106	5	1	1	5
Sedgwick	20173010107	7	1	1	5
Sedgwick	20173010108	8	1	1	5
Sedgwick	20173010109	8	1	1	5
Sedgwick	20173010110	4	1	1	5
Sedgwick	20173010200	9	5	1	5
Sedgwick	20173010300	9	5	1	5
Sedgwick	20173010400	5	5	0	4
Sedgwick	20173010500	7	5	1	4
Sedgwick	20173010600	6	6	1	4
Sedgwick	20173010700	8	7	1	1
Seward	20175965600	7	7	1	1
Seward	20175965700	4	4	1	1
Seward	20175965800	5	4	1	1
Seward	20175965900	4	1	1	1
Seward	20175966000	6	1	1	1
Shawnee	20177000400	5	4	1	4
Shawnee	20177000500	5	1	1	4
Shawnee	20177000600	1	1	1	4
Shawnee	20177000700	8	4	1	4
Shawnee	20177000800	6	4	1	4
Shawnee	20177000900	1	1	1	4
Shawnee	20177001000	4	1	1	4
Shawnee	20177001100	4	1	1	4
Shawnee	20177001200	1	1	1	4
Shawnee	20177001300	5	5	1	4
Shawnee	20177001500	9	5	1	4
Shawnee	20177001601	5	5	1	4
Shawnee	20177001602	7	4	1	4
Shawnee	20177001800	1	1	1	4
Shawnee	20177001900	4	1	1	4
Shawnee	20177002100	4	1	1	4
Shawnee	20177002200	1	1	1	4
Shawnee	20177002400	8	1	1	4

Broadband Availability as of June 30, 2011

County	Census Tract	# 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
Shawnee	20177002500	5	1	1	4
Shawnee	20177002601	6	1	1	4
Shawnee	20177002602	6	4	1	4
Shawnee	20177002701	5	4	1	4
Shawnee	20177002702	4	1	1	4
Shawnee	20177002800	5	1	1	4
Shawnee	20177002900	5	1	1	4
Shawnee	20177003001	1	1	1	4
Shawnee	20177003002	5	4	1	4
Shawnee	20177003100	1	1	1	4
Shawnee	20177003301	5	5	1	4
Shawnee	20177003302	7	7	4	1
Shawnee	20177003400	8	7	5	4
Shawnee	20177003500	10	7	6	4
Shawnee	20177003601	7	5	1	1
Shawnee	20177003603	8	5	1	4
Shawnee	20177003604	5	5	1	1
Shawnee	20177003605	7	5	1	4
Shawnee	20177003700	9	5	1	4
Shawnee	20177003901	6	5	1	4
Shawnee	20177003902	7	6	1	4
Shawnee	20177004000	10	4	1	4
Shawnee	20177004100	1	1	1	4
Sheridan	20179952600	1	1	1	1
Sheridan	20179952700	6	5	1	1
Sherman	20181953600	6	5	1	4
Sherman	20181953700	6	5	1	1
Smith	20183975800	4	4	1	1
Smith	20183975900	4	4	1	1
Stafford	20185970600	5	5	1	1
Stafford	20185970700	5	5	1	1
Stanton	20187964100	1	1	1	1
Stevens	20189965100	1	1	1	1
Stevens	20189965200	4	4	1	1
Sumner	20191992100	12	7	4	5
Sumner	20191992200	10	7	4	5
Sumner	20191992300	6	5	1	4
Sumner	20191992400	6	6	1	4
Sumner	20191992500	8	4	1	4
Sumner	20191992600	8	7	1	4
Thomas	20193953100	7	1	1	1
Thomas	20193953400	5	5	1	1
Trego	20195955800	5	5	1	1

Broadband Availability as of June 30, 2011

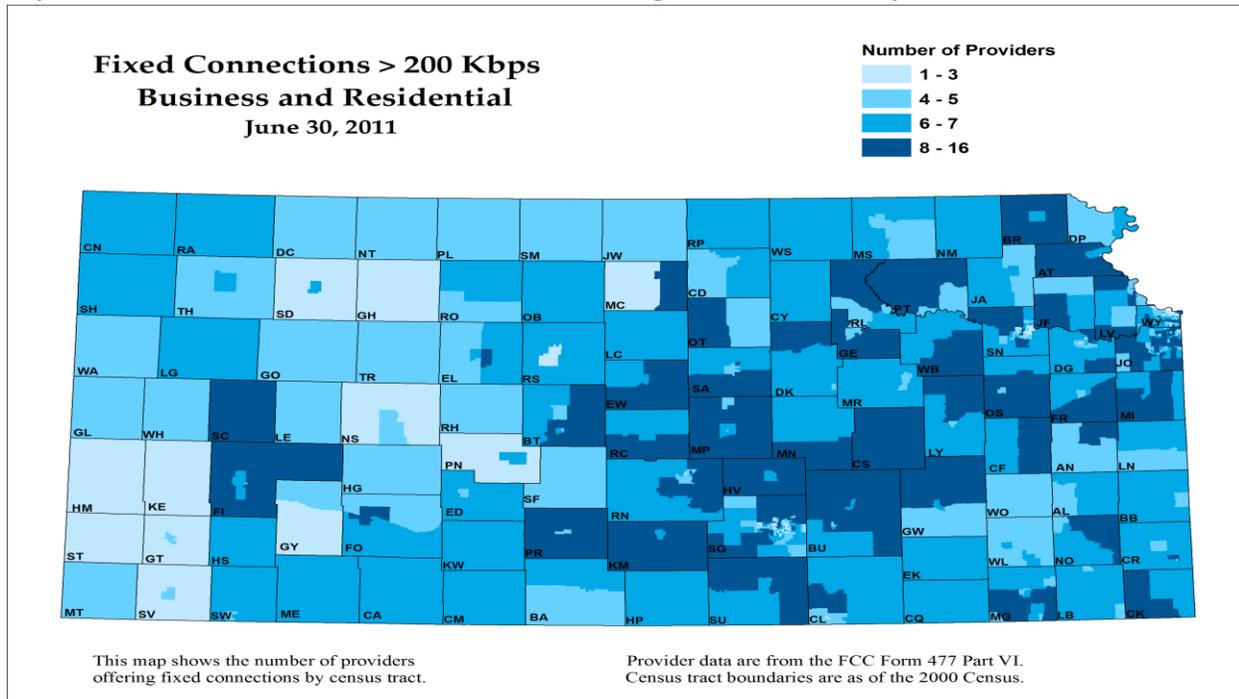
County	Census Tract	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 Mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Wabaunsee	20197983100	7	6	1	4
Wabaunsee	20197983200	8	7	1	4
Wallace	20199954100	5	5	1	1
Washington	20201978600	6	6	0	1
Washington	20201978700	7	6	1	4
Wichita	20203957600	4	4	1	1
Wilson	20205997100	4	4	1	1
Wilson	20205997200	4	1	1	1
Wilson	20205997300	7	5	1	1
Wilson	20205997400	6	6	1	1
Woodson	20207996600	4	4	1	1
Woodson	20207996700	5	4	1	1
Wyandotte	20209040001	10	0	0	4
Wyandotte	20209040002	7	0	0	5
Wyandotte	20209040200	1	1	1	5
Wyandotte	20209040300	1	1	1	5
Wyandotte	20209040400	1	1	1	5
Wyandotte	20209040500	1	1	1	5
Wyandotte	20209040600	1	1	1	5
Wyandotte	20209040700	1	1	1	5
Wyandotte	20209040800	1	1	1	5
Wyandotte	20209040900	1	1	1	5
Wyandotte	20209041000	1	1	1	5
Wyandotte	20209041100	1	1	1	5
Wyandotte	20209041200	4	1	1	5
Wyandotte	20209041300	5	1	1	5
Wyandotte	20209041500	6	1	1	5
Wyandotte	20209041600	7	4	1	5
Wyandotte	20209041700	5	1	1	5
Wyandotte	20209041800	9	1	1	5
Wyandotte	20209041900	1	1	1	5
Wyandotte	20209042001	1	1	1	5
Wyandotte	20209042002	1	1	1	5
Wyandotte	20209042100	1	1	1	5
Wyandotte	20209042200	1	1	1	5
Wyandotte	20209042300	6	1	1	5
Wyandotte	20209042400	6	1	1	5
Wyandotte	20209042501	10	0	0	5
Wyandotte	20209042502	8	0	0	5
Wyandotte	20209042600	9	1	1	5
Wyandotte	20209042700	1	1	1	5
Wyandotte	20209042800	4	1	1	5
Wyandotte	20209043000	10	1	1	5

Broadband Availability as of June 30, 2011

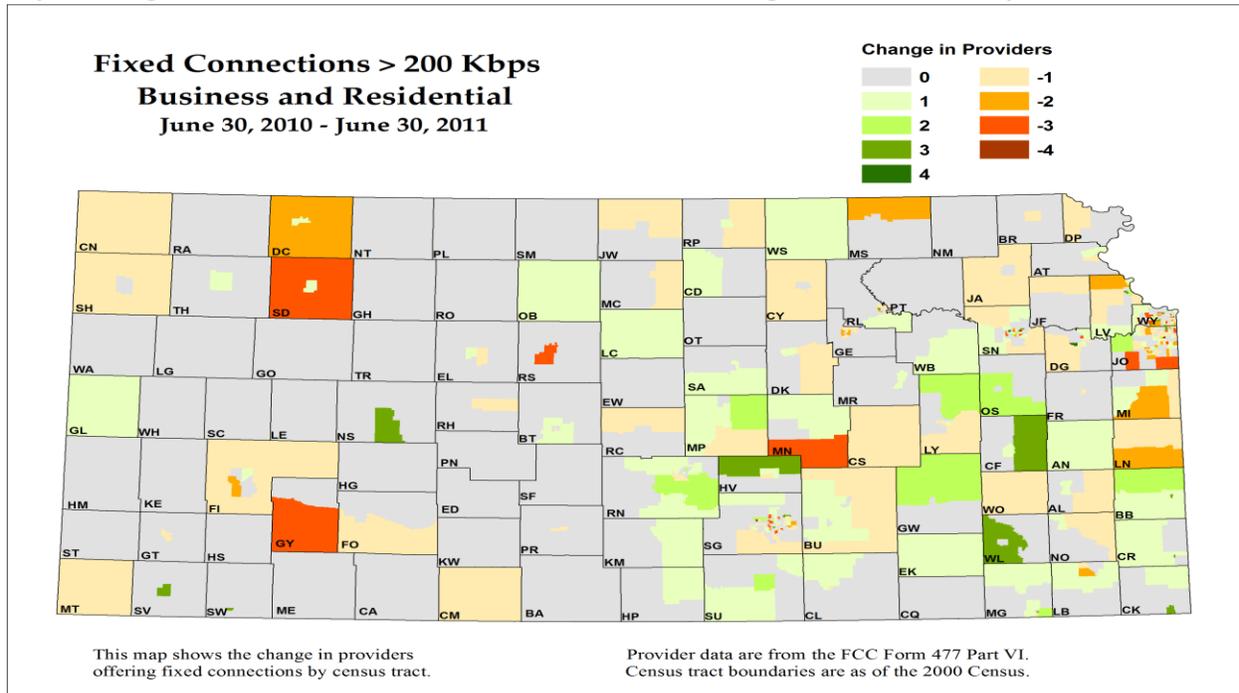
County	Census Tract	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 Mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Wyandotte	20209043301	7	1	1	5
Wyandotte	20209043400	8	1	1	5
Wyandotte	20209043500	1	1	1	5
Wyandotte	20209043600	6	1	1	5
Wyandotte	20209043700	5	1	1	5
Wyandotte	20209043802	6	1	1	5
Wyandotte	20209043803	5	1	1	5
Wyandotte	20209043804	10	0	0	4
Wyandotte	20209043903	5	4	1	5
Wyandotte	20209043904	4	1	1	5
Wyandotte	20209043905	7	1	1	5
Wyandotte	20209044001	6	4	1	5
Wyandotte	20209044003	6	4	1	5
Wyandotte	20209044004	8	1	1	5
Wyandotte	20209044101	7	1	1	5
Wyandotte	20209044102	5	1	1	5
Wyandotte	20209044103	6	4	1	5
Wyandotte	20209044104	8	1	1	5
Wyandotte	20209044201	4	1	1	5
Wyandotte	20209044202	4	1	1	5
Wyandotte	20209044301	6	4	1	5
Wyandotte	20209044302	1	1	1	5
Wyandotte	20209044303	1	1	1	5
Wyandotte	20209044400	4	1	1	5
Wyandotte	20209044500	1	1	1	5
Wyandotte	20209044601	4	1	1	5
Wyandotte	20209044602	1	0	0	1
Wyandotte	20209044603	0	0	0	1
Wyandotte	20209044702	10	5	1	5
Wyandotte	20209044703	9	1	1	5
Wyandotte	20209044704	7	1	1	5
Wyandotte	20209044803	7	5	1	5
Wyandotte	20209044804	7	5	1	5
Wyandotte	20209044805	7	5	1	5
Wyandotte	20209044806	7	4	1	5
Wyandotte	20209044900	5	1	1	5
Wyandotte	20209045000	5	1	1	5
Wyandotte	20209045100	6	4	1	5
Wyandotte	20209045200	10	1	1	5

2013 KANSAS BROADBAND REPORT
ATTACHMENT B

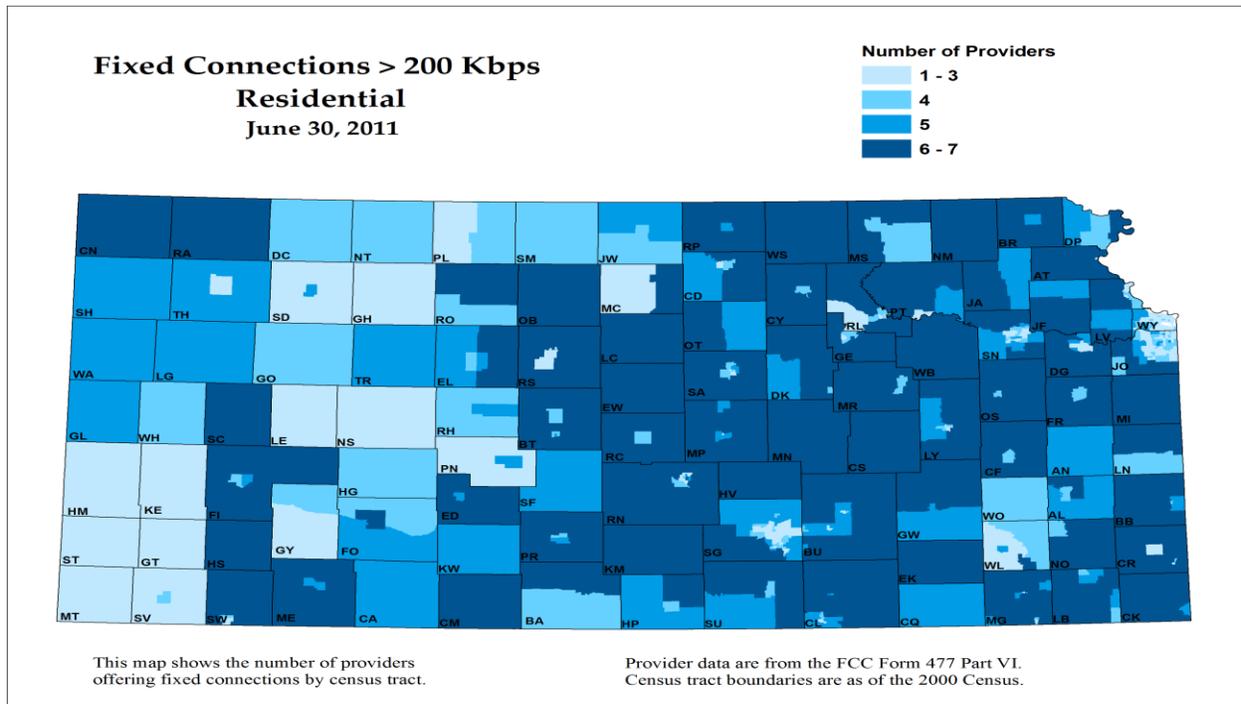
Map 1 - Number of Providers of Fixed Connections Providing Greater than 200 kbps



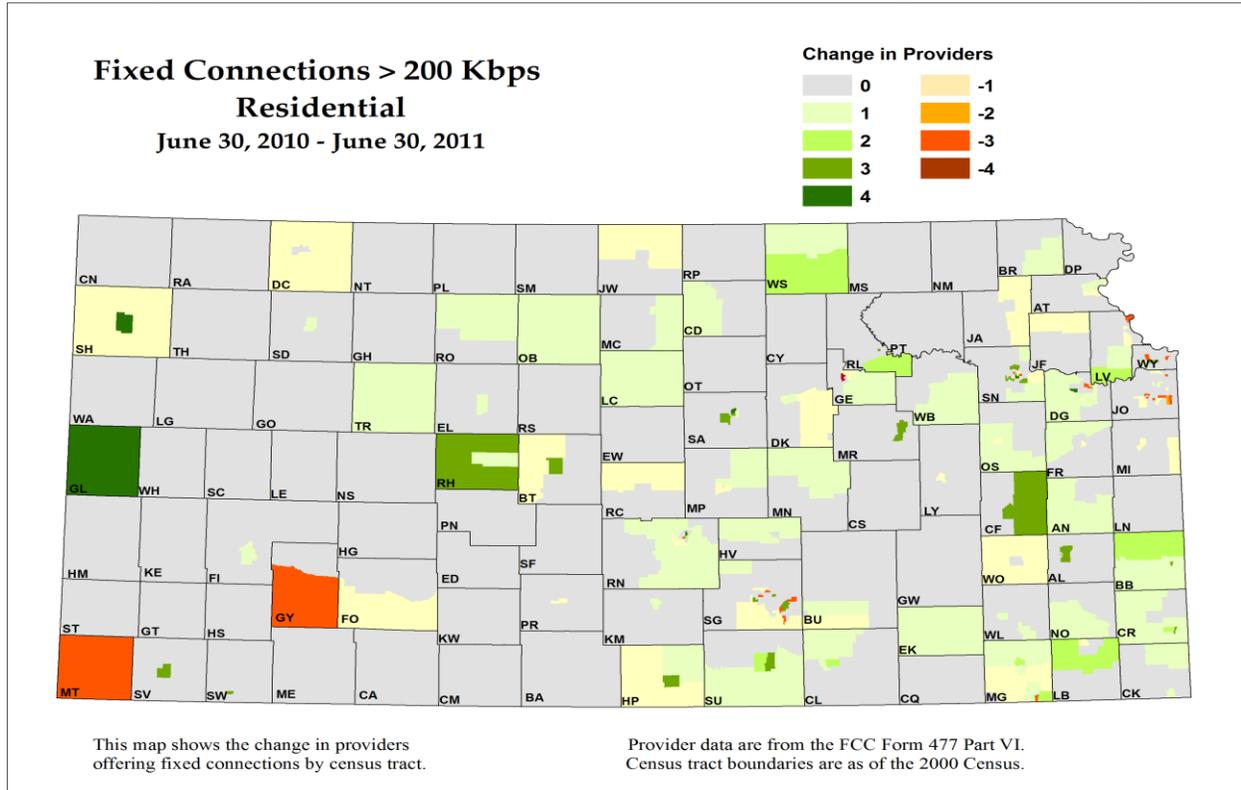
Map 2 - Change in Number of Providers of Fixed Connections Providing Greater than 200 kbps



Map 3 – Fixed Residential Connections Greater than 200 Kbps



Map 4 – Change in Number of Providers of Fixed Residential Connections Providing Greater than 200 kbps



2013 KANSAS BROADBAND REPORT
ATTACHMENT C

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Allen	20001952600	-1	0	0	0
Allen	20001952700	0	0	0	0
Allen	20001952800	1	3	0	0
Allen	20001952900	1	3	0	0
Allen	20001953000	0	0	0	0
Anderson	20003953600	1	0	0	0
Anderson	20003953700	1	1	0	3
Atchison	20005981600	0	0	0	0
Atchison	20005981700	1	1	0	0
Atchison	20005981800	-1	-1	0	0
Atchison	20005981900	0	0	0	0
Barber	20007968100	0	0	0	0
Barber	20007968200	0	0	0	0
Barton	20009971100	0	0	0	0
Barton	20009971200	0	-1	0	0
Barton	20009971300	0	3	0	0
Barton	20009971400	0	0	0	0
Barton	20009971500	0	0	0	0
Barton	20009971600	-1	0	0	0
Barton	20009971700	0	0	0	0
Barton	20009971800	1	0	0	0
Bourbon	20011955600	2	2	0	0
Bourbon	20011955700	1	1	1	0
Bourbon	20011955800	1	1	0	0
Bourbon	20011955900	1	1	0	0
Bourbon	20011956000	3	3	0	0
Brown	20013980600	0	0	0	0
Brown	20013980700	-1	0	0	0
Brown	20013980800	0	1	0	0
Butler	20015020100	-1	0	0	0
Butler	20015020201	1	0	0	0
Butler	20015020202	0	0	0	0
Butler	20015020203	0	0	0	1
Butler	20015020300	0	0	0	0
Butler	20015020400	0	0	0	0
Butler	20015020500	0	0	0	0
Butler	20015020600	1	0	0	0
Butler	20015020700	0	0	0	0
Butler	20015020800	0	0	0	0
Butler	20015020901	1	1	0	0
Butler	20015020902	0	0	0	0
Butler	20015020903	-1	-1	1	0
Chase	20017990600	-1	0	0	0
Chautauqua	20019994600	0	0	0	0
Cherokee	20021958100	1	1	0	1

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Cherokee	20021958200	0	0	1	3
Cherokee	20021958300	0	0	0	3
Cherokee	20021958400	0	0	0	0
Cherokee	20021958500	0	0	0	0
Cherokee	20021958600	3	1	0	0
Cheyenne	20023950200	-1	0	1	0
Clark	20025967100	0	0	0	0
Clay	20027958100	-1	0	0	4
Clay	20027958200	0	0	0	0
Cloud	20029977100	0	0	0	3
Cloud	20029977200	0	0	0	3
Cloud	20029977300	1	0	0	3
Cloud	20029977400	1	1	0	3
Coffey	20031996100	3	3	0	3
Coffey	20031996200	0	0	0	3
Coffey	20031996300	1	3	0	0
Comanche	20033967600	-1	0	0	0
Cowley	20035993100	0	0	0	0
Cowley	20035993200	1	1	0	0
Cowley	20035993300	0	0	0	0
Cowley	20035993400	1	1	0	0
Cowley	20035993500	1	2	0	0
Cowley	20035993600	-1	0	0	0
Cowley	20035993700	0	0	0	0
Cowley	20035993800	0	0	0	0
Cowley	20035993900	0	0	0	0
Cowley	20035994000	0	0	0	0
Cowley	20035994100	0	0	0	0
Crawford	20037956600	0	0	0	0
Crawford	20037956700	1	1	1	3
Crawford	20037956800	1	0	1	0
Crawford	20037956900	0	1	0	4
Crawford	20037957000	1	1	0	4
Crawford	20037957100	1	3	0	4
Crawford	20037957200	1	2	0	4
Crawford	20037957300	1	1	0	4
Crawford	20037957400	0	0	0	4
Crawford	20037957500	3	3	0	4
Crawford	20037957600	0	1	0	1
Decatur	20039951100	-2	-1	1	0
Decatur	20039951200	1	0	0	0
Dickinson	20041984100	0	0	0	1
Dickinson	20041984200	0	0	0	3
Dickinson	20041984300	1	1	0	3
Dickinson	20041984400	1	1	0	3

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Dickinson	20041984500	-1	-1	0	3
Dickinson	20041984600	-1	0	0	0
Doniphan	20043020100	-1	0	0	0
Doniphan	20043020200	0	0	0	0
Doniphan	20043020300	0	0	0	0
Douglas	20045000100	1	0	0	0
Douglas	20045000200	-1	-3	0	0
Douglas	20045000300	1	0	0	0
Douglas	20045000400	0	0	0	0
Douglas	20045000501	-3	0	0	0
Douglas	20045000502	0	0	0	0
Douglas	20045000601	0	1	0	3
Douglas	20045000602	0	0	0	0
Douglas	20045000701	0	0	0	0
Douglas	20045000702	0	0	0	0
Douglas	20045000797	0	0	0	0
Douglas	20045000801	4	4	0	0
Douglas	20045000802	1	0	0	0
Douglas	20045000901	1	0	0	0
Douglas	20045000902	-1	0	0	0
Douglas	20045001001	1	0	0	0
Douglas	20045001002	0	0	0	0
Douglas	20045001201	0	1	0	0
Douglas	20045001202	0	0	0	0
Douglas	20045001203	0	0	0	3
Douglas	20045001400	-1	1	0	0
Douglas	20045001500	0	1	3	0
Edwards	20047969600	0	0	0	0
Edwards	20047969700	0	0	0	0
Elk	20049995100	1	1	0	0
Ellis	20051972600	0	0	0	0
Ellis	20051972700	-1	1	0	0
Ellis	20051972800	1	0	0	0
Ellis	20051972900	0	0	0	0
Ellis	20051973000	0	0	0	0
Ellsworth	20053986600	0	0	0	0
Ellsworth	20053986700	0	0	0	0
Finney	20055960100	-1	0	0	0
Finney	20055960200	0	0	0	0
Finney	20055960300	1	0	0	0
Finney	20055960400	1	0	0	0
Finney	20055960500	0	1	0	0
Finney	20055960600	-2	0	0	0
Ford	20057961600	0	0	0	0
Ford	20057961700	-1	-1	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Ford	20057961800	0	0	0	0
Ford	20057961900	0	0	0	0
Ford	20057962000	0	0	0	0
Ford	20057962100	-1	0	0	0
Franklin	20059954100	0	1	0	4
Franklin	20059954200	0	0	0	4
Franklin	20059954300	0	0	0	4
Franklin	20059954400	-1	-1	0	4
Franklin	20059954500	0	0	0	3
Gear	20061000100	-2	-1	0	1
Gear	20061000200	0	0	0	1
Gear	20061000300	-2	-4	0	1
Gear	20061000400	-1	0	0	3
Gear	20061000500	-1	0	0	1
Gear	20061000600	-1	-1	0	1
Gear	20061000700	0	1	0	0
Gear	20061000800	0	0	0	1
Gove	20063955100	0	0	1	0
Gove	20063955200	0	0	0	0
Graham	20065952100	0	0	1	0
Graham	20065952200	0	0	1	0
Grant	20067963600	0	0	0	0
Grant	20067963700	-1	0	0	0
Gray	20069962600	0	0	0	0
Gray	20069962700	-3	-3	0	0
Greeley	20071958100	1	4	0	0
Greenwood	20073995600	2	0	3	0
Greenwood	20073995700	0	0	0	0
Greenwood	20073995800	0	0	0	0
Hamilton	20075958600	0	0	0	0
Harper	20077991600	1	1	0	0
Harper	20077991700	0	-1	0	0
Harper	20077991800	1	3	1	0
Harvey	20079030100	1	0	0	1
Harvey	20079030200	1	1	0	1
Harvey	20079030300	-1	1	0	1
Harvey	20079030400	1	1	0	0
Harvey	20079030500	3	1	0	1
Harvey	20079030600	0	0	3	0
Haskell	20081963100	0	0	0	0
Hodgeman	20083961100	0	0	0	0
Jackson	20085982600	-1	-1	-3	0
Jackson	20085982700	0	0	0	0
Jackson	20085982800	-1	0	0	0
Jefferson	20087020100	0	0	3	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Jefferson	20087020200	-1	-1	0	0
Jefferson	20087020300	0	0	0	0
Jewell	20089976100	-1	-1	0	0
Jewell	20089976200	0	0	0	0
Johnson	20091050000	0	0	0	0
Johnson	20091050100	1	0	0	0
Johnson	20091050200	-2	0	0	0
Johnson	20091050301	0	0	0	0
Johnson	20091050302	0	0	0	0
Johnson	20091050400	3	0	0	0
Johnson	20091050500	-3	-3	0	0
Johnson	20091050600	1	0	0	0
Johnson	20091050700	0	0	0	0
Johnson	20091050800	-3	0	0	0
Johnson	20091050900	-3	0	0	0
Johnson	20091051000	0	0	0	0
Johnson	20091051100	1	0	0	0
Johnson	20091051200	-1	0	0	0
Johnson	20091051300	-1	0	0	0
Johnson	20091051400	-1	0	0	0
Johnson	20091051500	0	0	0	0
Johnson	20091051600	-1	0	0	0
Johnson	20091051700	0	0	0	1
Johnson	20091051801	1	0	0	0
Johnson	20091051802	0	0	0	0
Johnson	20091051803	0	0	0	0
Johnson	20091051804	0	0	0	0
Johnson	20091051805	0	0	0	0
Johnson	20091051806	0	0	0	0
Johnson	20091051902	-4	0	0	0
Johnson	20091051903	2	1	0	0
Johnson	20091051904	-1	0	0	0
Johnson	20091051905	-1	0	0	0
Johnson	20091051906	-1	0	0	0
Johnson	20091051907	-1	0	0	0
Johnson	20091052001	0	0	0	0
Johnson	20091052003	-1	0	0	0
Johnson	20091052004	-1	0	0	0
Johnson	20091052101	0	0	0	0
Johnson	20091052102	0	-1	0	0
Johnson	20091052201	-1	0	0	0
Johnson	20091052202	0	0	0	0
Johnson	20091052301	-1	-1	0	0
Johnson	20091052303	-1	0	0	0
Johnson	20091052304	0	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Johnson	20091052405	1	1	3	0
Johnson	20091052410	-1	0	0	0
Johnson	20091052411	0	0	0	0
Johnson	20091052412	-1	0	0	0
Johnson	20091052413	-1	0	0	0
Johnson	20091052414	0	0	3	0
Johnson	20091052415	1	-1	0	0
Johnson	20091052416	1	0	0	0
Johnson	20091052417	-1	1	3	0
Johnson	20091052501	0	0	0	0
Johnson	20091052502	-2	0	0	0
Johnson	20091052601	0	0	0	0
Johnson	20091052602	1	0	0	0
Johnson	20091052603	-1	0	0	0
Johnson	20091052700	2	0	3	0
Johnson	20091052801	-1	0	0	0
Johnson	20091052802	1	0	0	0
Johnson	20091052803	-2	-3	0	0
Johnson	20091052901	0	0	0	0
Johnson	20091052904	0	0	0	0
Johnson	20091052905	0	0	0	0
Johnson	20091052906	-2	-3	0	0
Johnson	20091052907	0	0	0	0
Johnson	20091052908	1	0	0	0
Johnson	20091053002	-2	0	0	0
Johnson	20091053004	1	0	0	0
Johnson	20091053005	0	0	0	0
Johnson	20091053006	-1	0	0	0
Johnson	20091053007	-2	0	0	0
Johnson	20091053008	0	0	0	0
Johnson	20091053009	0	0	0	0
Johnson	20091053010	0	0	0	1
Johnson	20091053011	2	0	0	0
Johnson	20091053101	1	0	-3	0
Johnson	20091053102	-3	-1	0	0
Johnson	20091053105	-1	0	0	0
Johnson	20091053106	0	0	0	0
Johnson	20091053201	1	0	0	0
Johnson	20091053202	1	0	0	0
Johnson	20091053203	1	0	0	0
Johnson	20091053301	-2	0	0	0
Johnson	20091053302	1	0	0	0
Johnson	20091053403	-1	0	0	0
Johnson	20091053404	0	-3	0	0
Johnson	20091053405	0	0	-3	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Johnson	20091053406	-1	-1	-1	0
Johnson	20091053407	-2	-2	0	0
Johnson	20091053408	-1	-3	0	0
Johnson	20091053409	0	0	0	0
Johnson	20091053410	0	0	0	0
Johnson	20091053502	0	0	0	0
Johnson	20091053505	-2	0	0	0
Johnson	20091053506	0	0	0	0
Johnson	20091053507	-1	-3	-3	0
Johnson	20091053508	-2	0	0	0
Johnson	20091053509	-1	0	0	0
Johnson	20091053510	1	0	0	0
Johnson	20091053555	-1	0	0	0
Johnson	20091053556	-1	0	0	0
Johnson	20091053557	-2	-3	0	0
Johnson	20091053601	0	0	0	0
Johnson	20091053602	0	-1	0	0
Johnson	20091053701	0	0	0	0
Johnson	20091053702	-3	0	0	0
Johnson	20091053801	0	0	0	1
Johnson	20091053802	-3	0	0	1
Kearny	20093959100	0	0	0	0
Kingman	20095991100	1	0	0	0
Kingman	20095991200	1	1	0	0
Kingman	20095991300	0	0	3	0
Kiowa	20097969100	0	0	0	0
Labette	20099950100	0	0	0	0
Labette	20099950200	0	0	0	0
Labette	20099950300	-1	-1	0	0
Labette	20099950400	-2	0	0	0
Labette	20099950500	1	2	0	0
Labette	20099950600	0	0	-1	0
Labette	20099950700	0	0	0	0
Labette	20099950800	0	0	0	0
Lane	20101956600	0	0	0	0
Leavenworth	20103070100	2	1	0	0
Leavenworth	20103070200	1	0	0	0
Leavenworth	20103070300	0	-1	0	0
Leavenworth	20103070400	0	0	0	0
Leavenworth	20103070500	2	0	0	0
Leavenworth	20103070700	3	0	0	0
Leavenworth	20103070801	1	-3	0	0
Leavenworth	20103070802	-2	0	0	0
Leavenworth	20103070900	-2	0	0	0
Leavenworth	20103071000	-1	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Leavenworth	20103071101	0	-1	0	0
Leavenworth	20103071102	-1	0	0	0
Leavenworth	20103071200	0	1	0	0
Leavenworth	20103071300	-1	0	0	0
Leavenworth	20103071400	1	2	3	0
Lincoln	20105986100	1	1	0	0
Linn	20107955100	-1	0	0	0
Linn	20107955200	-2	0	0	0
Logan	20109954600	0	0	0	0
Lyon	20111000100	0	0	0	3
Lyon	20111000200	0	-1	0	0
Lyon	20111000300	-1	-1	0	3
Lyon	20111000400	0	0	0	3
Lyon	20111000500	1	0	0	3
Lyon	20111000600	2	0	0	3
Lyon	20111000700	0	0	0	3
Lyon	20111000800	-1	0	0	0
McPherson	20113988100	2	1	0	3
McPherson	20113988200	0	0	0	3
McPherson	20113988300	1	0	0	0
McPherson	20113988400	1	1	0	3
McPherson	20113988500	-1	0	0	0
McPherson	20113988600	-1	-1	0	3
McPherson	20113988700	-1	0	1	3
Marion	20115989500	1	1	0	0
Marion	20115989600	0	0	0	0
Marion	20115989700	1	1	1	0
Marion	20115989800	-3	0	-3	0
Marshall	20117979100	-2	0	0	0
Marshall	20117979200	0	0	-1	0
Marshall	20117979300	0	0	1	0
Marshall	20117979400	0	0	0	0
Meade	20119966600	0	0	0	0
Meade	20119966700	0	0	1	0
Miami	20121100100	0	0	0	1
Miami	20121100200	1	0	0	1
Miami	20121100300	-1	0	0	1
Miami	20121100400	-1	-1	0	0
Miami	20121100500	-2	0	0	0
Miami	20121100601	-2	-1	1	0
Miami	20121100602	1	0	0	3
Miami	20121100700	1	0	0	0
Mitchell	20123976600	-1	1	0	0
Mitchell	20123976700	0	0	0	0
Montgomery	20125950100	1	1	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Montgomery	20125950200	1	1	0	0
Montgomery	20125950300	1	2	0	0
Montgomery	20125950400	1	0	0	0
Montgomery	20125950500	1	1	0	0
Montgomery	20125950600	1	1	0	0
Montgomery	20125950700	0	-1	0	0
Montgomery	20125950800	1	1	0	0
Montgomery	20125950900	2	2	0	0
Montgomery	20125951000	3	3	0	0
Montgomery	20125951100	0	0	0	0
Montgomery	20125951200	-1	-3	0	0
Montgomery	20125951300	0	0	0	0
Morris	20127983600	0	0	1	0
Morris	20127983700	1	3	0	0
Morton	20129964600	-1	-3	0	0
Nemaha	20131980100	0	0	0	0
Nemaha	20131980200	0	0	0	0
Nemaha	20131980300	0	0	-1	0
Neosho	20133951600	-1	0	0	0
Neosho	20133951700	1	0	0	0
Neosho	20133951800	0	0	0	0
Neosho	20133951900	1	0	0	0
Neosho	20133952000	0	1	0	0
Ness	20135956100	0	0	1	0
Ness	20135956200	3	0	0	0
Norton	20137951700	0	0	0	0
Osage	20139010100	0	0	3	0
Osage	20139010200	0	0	0	0
Osage	20139010300	2	1	0	0
Osage	20139010400	0	-1	0	0
Osage	20139010500	0	0	0	0
Osborne	20141974100	1	1	0	0
Ottawa	20143985600	0	0	0	3
Ottawa	20143985700	0	0	0	0
Pawnee	20145970200	0	0	0	0
Pawnee	20145970300	0	0	0	0
Phillips	20147975100	0	0	1	0
Phillips	20147975200	0	0	1	0
Phillips	20147975300	0	0	0	0
Pottawatomie	20149000100	0	0	0	0
Pottawatomie	20149000200	0	0	0	0
Pottawatomie	20149000300	0	0	0	0
Pottawatomie	20149000400	0	0	0	0
Pratt	20151968600	0	0	0	0
Pratt	20151968700	-1	-1	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Pratt	20151968800	0	0	0	0
Rawlins	20153950600	0	0	1	0
Reno	20155000100	0	0	0	0
Reno	20155000200	2	4	0	-3
Reno	20155000300	0	0	0	0
Reno	20155000400	0	0	0	-3
Reno	20155000500	0	0	0	0
Reno	20155000600	1	-3	0	0
Reno	20155000700	0	2	0	0
Reno	20155000800	0	0	0	-3
Reno	20155001000	1	1	0	0
Reno	20155001100	1	1	0	3
Reno	20155001200	1	1	0	3
Reno	20155001300	-1	-1	0	3
Reno	20155001400	2	1	3	4
Reno	20155001500	0	0	0	0
Reno	20155001600	1	1	3	0
Reno	20155001700	0	0	0	0
Reno	20155001800	1	1	0	4
Republic	20157978100	-1	0	-1	3
Republic	20157978200	0	0	0	3
Republic	20157978300	1	0	-1	0
Rice	20159987100	-1	-1	0	0
Rice	20159987200	0	0	0	0
Rice	20159987300	0	0	0	0
Riley	20161000100	0	0	0	0
Riley	20161000200	-1	0	0	0
Riley	20161000301	3	3	0	0
Riley	20161000302	-2	0	0	0
Riley	20161000400	0	0	0	0
Riley	20161000500	0	0	0	0
Riley	20161000600	0	0	0	0
Riley	20161000700	0	0	0	0
Riley	20161000801	-1	0	0	0
Riley	20161000802	0	0	0	0
Riley	20161000900	1	2	0	0
Riley	20161001000	0	0	0	0
Rooks	20163974600	0	1	0	0
Rooks	20163974700	0	0	0	0
Rush	20165972100	0	3	1	0
Rush	20165972200	-1	1	0	0
Russell	20167973800	-3	0	0	0
Russell	20167973900	0	0	0	0
Saline	20169000100	1	4	0	0
Saline	20169000200	0	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Saline	20169000300	0	0	0	0
Saline	20169000400	0	0	0	0
Saline	20169000500	0	3	0	0
Saline	20169000600	0	3	0	3
Saline	20169000700	0	0	0	0
Saline	20169000800	0	0	0	-3
Saline	20169000900	0	3	0	0
Saline	20169001000	1	1	0	3
Saline	20169001100	0	0	0	0
Saline	20169001200	1	0	0	3
Scott	20171957100	0	0	0	0
Sedgwick	20173000100	0	0	0	0
Sedgwick	20173000200	0	0	0	0
Sedgwick	20173000300	2	0	0	0
Sedgwick	20173000400	1	0	0	0
Sedgwick	20173000600	0	0	0	0
Sedgwick	20173000700	0	0	0	0
Sedgwick	20173000800	0	0	0	0
Sedgwick	20173000900	0	0	0	0
Sedgwick	20173001000	0	0	0	0
Sedgwick	20173001100	1	0	0	0
Sedgwick	20173001400	-3	0	0	0
Sedgwick	20173001500	-1	0	0	0
Sedgwick	20173001800	-1	0	0	0
Sedgwick	20173001900	0	0	0	0
Sedgwick	20173002000	0	0	0	0
Sedgwick	20173002100	1	0	0	0
Sedgwick	20173002200	0	0	0	0
Sedgwick	20173002300	-1	0	0	0
Sedgwick	20173002400	-1	0	0	0
Sedgwick	20173002600	0	0	0	0
Sedgwick	20173002700	0	0	0	0
Sedgwick	20173002800	0	0	0	0
Sedgwick	20173002900	-3	0	0	0
Sedgwick	20173003000	-3	0	0	0
Sedgwick	20173003100	0	0	0	0
Sedgwick	20173003200	3	0	0	0
Sedgwick	20173003400	0	0	0	0
Sedgwick	20173003500	0	0	0	0
Sedgwick	20173003600	0	0	0	0
Sedgwick	20173003700	0	0	0	0
Sedgwick	20173003800	0	0	0	0
Sedgwick	20173003900	-1	0	0	0
Sedgwick	20173004000	0	0	0	0
Sedgwick	20173004300	0	3	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Sedgwick	20173005100	0	0	0	0
Sedgwick	20173005200	-2	0	0	0
Sedgwick	20173005300	0	0	0	0
Sedgwick	20173005400	0	0	0	0
Sedgwick	20173005501	0	0	0	0
Sedgwick	20173005502	0	1	0	0
Sedgwick	20173005600	-1	-1	0	0
Sedgwick	20173005700	-1	0	0	0
Sedgwick	20173005800	0	-3	0	0
Sedgwick	20173005900	0	0	0	0
Sedgwick	20173006000	-3	0	0	0
Sedgwick	20173006100	-1	0	0	0
Sedgwick	20173006200	0	0	0	0
Sedgwick	20173006300	0	0	0	0
Sedgwick	20173006400	-3	0	0	0
Sedgwick	20173006500	0	0	0	0
Sedgwick	20173006600	0	3	0	0
Sedgwick	20173006700	0	0	0	0
Sedgwick	20173006800	0	0	0	0
Sedgwick	20173006900	0	0	0	0
Sedgwick	20173007000	0	0	0	0
Sedgwick	20173007100	-2	0	0	0
Sedgwick	20173007201	-2	0	0	0
Sedgwick	20173007202	-1	-3	0	0
Sedgwick	20173007301	1	0	0	0
Sedgwick	20173007302	1	0	0	0
Sedgwick	20173007400	0	0	0	0
Sedgwick	20173007500	0	0	0	0
Sedgwick	20173007600	-1	0	0	0
Sedgwick	20173007700	0	0	0	0
Sedgwick	20173007800	-3	0	0	0
Sedgwick	20173008000	1	0	0	0
Sedgwick	20173008100	1	0	0	0
Sedgwick	20173008200	0	0	0	0
Sedgwick	20173008300	-3	0	0	0
Sedgwick	20173008400	1	0	0	0
Sedgwick	20173008500	-3	-3	0	0
Sedgwick	20173008600	0	-3	0	0
Sedgwick	20173008700	0	0	0	0
Sedgwick	20173008800	0	0	0	0
Sedgwick	20173008900	-1	0	0	0
Sedgwick	20173009000	0	0	0	0
Sedgwick	20173009100	1	0	0	0
Sedgwick	20173009200	0	0	0	0
Sedgwick	20173009301	0	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Sedgwick	20173009302	-1	-3	0	0
Sedgwick	20173009401	0	0	0	0
Sedgwick	20173009402	1	0	0	0
Sedgwick	20173009503	2	-1	0	0
Sedgwick	20173009504	-4	0	0	0
Sedgwick	20173009505	0	0	0	0
Sedgwick	20173009506	0	0	0	0
Sedgwick	20173009507	0	0	0	0
Sedgwick	20173009508	0	0	0	-1
Sedgwick	20173009509	0	0	0	0
Sedgwick	20173009510	-1	-1	0	0
Sedgwick	20173009511	1	3	0	0
Sedgwick	20173009512	0	0	0	0
Sedgwick	20173009513	-1	0	0	0
Sedgwick	20173009600	-1	-1	0	0
Sedgwick	20173009700	-1	-1	0	0
Sedgwick	20173009801	-1	-3	0	0
Sedgwick	20173009802	-1	0	0	0
Sedgwick	20173009900	-1	-1	0	1
Sedgwick	20173010001	0	0	0	0
Sedgwick	20173010002	0	0	0	0
Sedgwick	20173010003	0	0	0	0
Sedgwick	20173010004	0	0	0	0
Sedgwick	20173010005	0	0	0	0
Sedgwick	20173010102	0	0	0	0
Sedgwick	20173010103	3	0	0	0
Sedgwick	20173010104	-1	0	0	0
Sedgwick	20173010105	3	0	0	0
Sedgwick	20173010106	0	0	0	0
Sedgwick	20173010107	1	0	0	0
Sedgwick	20173010108	-1	0	0	0
Sedgwick	20173010109	-1	0	0	0
Sedgwick	20173010110	-1	0	0	1
Sedgwick	20173010200	1	0	0	1
Sedgwick	20173010300	0	0	0	0
Sedgwick	20173010400	1	1	0	0
Sedgwick	20173010500	0	0	0	0
Sedgwick	20173010600	0	0	0	0
Sedgwick	20173010700	0	0	0	0
Seward	20175965600	0	0	0	0
Seward	20175965700	3	3	0	0
Seward	20175965800	0	0	0	0
Seward	20175965900	0	0	0	0
Seward	20175966000	0	0	0	0
Shawnee	20177000400	-1	3	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Shawnee	20177000500	1	0	0	0
Shawnee	20177000600	0	0	0	0
Shawnee	20177000700	0	3	0	0
Shawnee	20177000800	0	0	0	0
Shawnee	20177000900	0	0	0	0
Shawnee	20177001000	0	0	0	0
Shawnee	20177001100	3	0	0	0
Shawnee	20177001200	-4	-3	0	0
Shawnee	20177001300	1	1	0	0
Shawnee	20177001500	2	4	0	0
Shawnee	20177001601	1	1	0	0
Shawnee	20177001602	2	3	0	0
Shawnee	20177001800	-3	0	0	0
Shawnee	20177001900	0	0	0	0
Shawnee	20177002100	-2	-3	0	0
Shawnee	20177002200	0	0	0	0
Shawnee	20177002400	1	0	0	0
Shawnee	20177002500	4	0	0	0
Shawnee	20177002601	0	0	0	0
Shawnee	20177002602	-3	3	0	0
Shawnee	20177002701	0	3	0	0
Shawnee	20177002702	0	0	0	0
Shawnee	20177002800	-2	0	0	0
Shawnee	20177002900	0	0	0	0
Shawnee	20177003001	-3	0	0	0
Shawnee	20177003002	1	3	0	0
Shawnee	20177003100	0	0	0	0
Shawnee	20177003301	0	0	0	0
Shawnee	20177003302	1	1	3	0
Shawnee	20177003400	1	0	4	3
Shawnee	20177003500	-1	0	5	3
Shawnee	20177003601	1	0	0	0
Shawnee	20177003603	0	0	0	0
Shawnee	20177003604	0	0	0	0
Shawnee	20177003605	1	0	0	0
Shawnee	20177003700	0	0	0	0
Shawnee	20177003901	-1	-1	0	0
Shawnee	20177003902	-1	1	0	3
Shawnee	20177004000	0	-1	0	0
Shawnee	20177004100	0	0	0	0
Sheridan	20179952600	-3	0	1	0
Sheridan	20179952700	1	1	1	0
Sherman	20181953600	-1	-1	0	3
Sherman	20181953700	0	4	0	0
Smith	20183975800	0	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Smith	20183975900	0	0	0	0
Stafford	20185970600	0	0	0	0
Stafford	20185970700	0	0	0	0
Stanton	20187964100	0	0	0	0
Stevens	20189965100	0	0	0	0
Stevens	20189965200	3	3	0	0
Sumner	20191992100	1	0	0	0
Sumner	20191992200	0	0	3	0
Sumner	20191992300	1	1	0	3
Sumner	20191992400	2	2	0	3
Sumner	20191992500	2	3	0	3
Sumner	20191992600	0	1	0	0
Thomas	20193953100	1	0	0	0
Thomas	20193953400	0	0	0	0
Trego	20195955800	0	1	0	0
Wabaunsee	20197983100	0	0	0	0
Wabaunsee	20197983200	1	1	0	0
Wallace	20199954100	0	0	0	0
Washington	20201978600	1	1	-1	0
Washington	20201978700	1	2	0	3
Wichita	20203957600	0	0	0	0
Wilson	20205997100	0	0	0	0
Wilson	20205997200	3	0	1	0
Wilson	20205997300	0	1	0	0
Wilson	20205997400	0	1	0	0
Woodson	20207996600	-1	-1	0	0
Woodson	20207996700	-1	0	0	0
Wyandotte	20209040001	1	0	0	-1
Wyandotte	20209040002	0	0	0	0
Wyandotte	20209040200	0	0	0	0
Wyandotte	20209040300	0	0	0	0
Wyandotte	20209040400	0	0	0	0
Wyandotte	20209040500	0	0	0	0
Wyandotte	20209040600	0	0	0	0
Wyandotte	20209040700	0	0	0	0
Wyandotte	20209040800	0	0	0	0
Wyandotte	20209040900	0	0	0	0
Wyandotte	20209041000	0	0	0	0
Wyandotte	20209041100	0	0	0	0
Wyandotte	20209041200	3	0	0	0
Wyandotte	20209041300	-1	-3	0	0
Wyandotte	20209041500	0	-3	0	0
Wyandotte	20209041600	-1	0	0	0
Wyandotte	20209041700	0	0	0	0
Wyandotte	20209041800	-1	0	0	0

Broadband Availability Change from June 30, 2010 to June 30, 2011

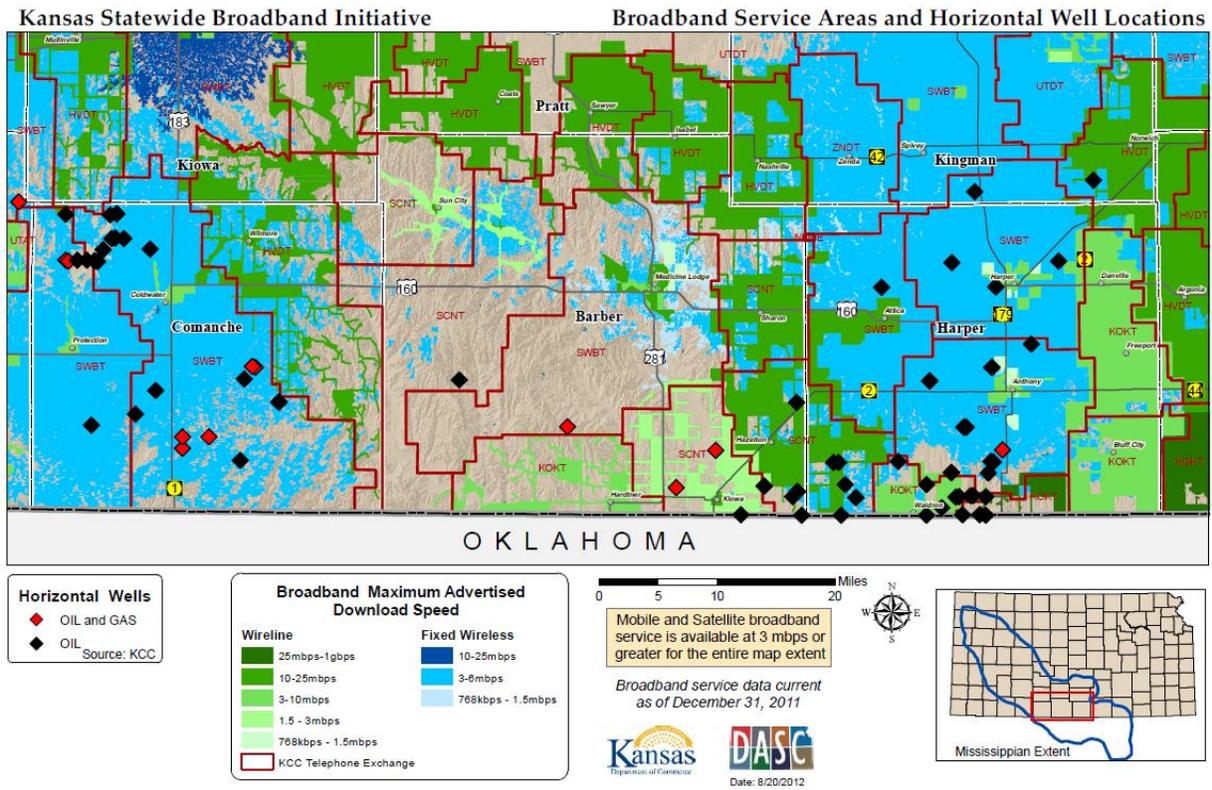
County	Census Tract	# of Providers of Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections over 200 kbps in at least one direction	# of Providers of Residential Fixed Connections at least 3 Mbps downstream and at least 768 kbps upstream	Providers of Mobile Connections
Wyandotte	20209041900	-4	0	0	0
Wyandotte	20209042001	0	0	0	0
Wyandotte	20209042002	-3	0	0	0
Wyandotte	20209042100	-3	0	0	0
Wyandotte	20209042200	0	0	0	0
Wyandotte	20209042300	1	0	0	0
Wyandotte	20209042400	-1	0	0	0
Wyandotte	20209042501	-1	0	0	0
Wyandotte	20209042502	0	0	0	1
Wyandotte	20209042600	-2	0	0	0
Wyandotte	20209042700	-3	0	0	0
Wyandotte	20209042800	0	0	0	0
Wyandotte	20209043000	-1	0	0	0
Wyandotte	20209043301	2	0	0	0
Wyandotte	20209043400	-1	0	0	0
Wyandotte	20209043500	0	0	0	0
Wyandotte	20209043600	2	0	0	0
Wyandotte	20209043700	1	0	0	0
Wyandotte	20209043802	-2	0	0	0
Wyandotte	20209043803	0	0	0	0
Wyandotte	20209043804	0	0	0	-1
Wyandotte	20209043903	0	0	0	0
Wyandotte	20209043904	-2	0	0	0
Wyandotte	20209043905	0	0	0	0
Wyandotte	20209044001	1	3	0	0
Wyandotte	20209044003	-3	0	0	0
Wyandotte	20209044004	3	0	0	0
Wyandotte	20209044101	2	0	0	0
Wyandotte	20209044102	1	0	0	0
Wyandotte	20209044103	-3	0	0	0
Wyandotte	20209044104	1	0	0	0
Wyandotte	20209044201	0	0	0	0
Wyandotte	20209044202	0	0	0	0
Wyandotte	20209044301	0	0	0	0
Wyandotte	20209044302	-3	0	0	0
Wyandotte	20209044303	0	0	0	0
Wyandotte	20209044400	3	0	0	0
Wyandotte	20209044500	0	0	0	0
Wyandotte	20209044601	0	0	0	1
Wyandotte	20209044602	1	0	0	0
Wyandotte	20209044603	0	0	0	0
Wyandotte	20209044702	0	1	0	0
Wyandotte	20209044703	0	0	0	0
Wyandotte	20209044704	-3	-3	0	0
Wyandotte	20209044803	1	0	0	1

Broadband Availability Change from June 30, 2010 to June 30, 2011

County	Census Tract	# 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
Wyandotte	20209044804	1	0	0	0
Wyandotte	20209044805	1	0	0	0
Wyandotte	20209044806	-1	0	0	0
Wyandotte	20209044900	1	0	0	0
Wyandotte	20209045000	-1	0	0	0
Wyandotte	20209045100	-2	0	0	0
Wyandotte	20209045200	1	0	0	0

2013 KANSAS BROADBAND REPORT
ATTACHMENT D

Map 1 – Broadband Service Areas and Horizontal Well Locations



Map 2 – Broadband Service Areas and Horizontal Well Location and Status

