

# Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

## Riley County



Kansas BRFSS  
Bureau of Health Promotion  
Kansas Department of Health and Environment  
1000 SW Jackson St., Suite 230  
Topeka, Kansas 66612-1274  
[www.kdheks.gov/brfss/index.html](http://www.kdheks.gov/brfss/index.html)

# **Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009**

State of Kansas  
Mark Parkinson, Governor

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## **Project Funding:**

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**Kansas Department of Health and Environment**  
**Bureau of Health Promotion**  
October 2010

**Kansas Department of Health and Environment (KDHE)**  
**Mission**

To protect the health and environment of all Kansans by promoting responsible choices.

Through education, direct services and the assessment of data and trends, coupled with policy development and enforcement, KDHE will improve health and quality of life. We prevent illness, injuries and foster a safe and sustainable environment for the people of Kansas.

[www.kdheks.gov](http://www.kdheks.gov)

## Foreword

The Behavioral Risk Factor Surveillance System (BRFSS) is the largest continuously conducted telephone survey in the world. The Kansas Department of Health and Environment's Bureau of Health Promotion (BHP) first collected state level health risk information in Kansas in 1990 as a point-in-time BRFSS survey. Since 1992, the Bureau has conducted the Kansas BRFSS survey continuously, enabling public health officials the ability to detect and monitor the trends in risk factors and health behaviors of adult Kansans (18 years and older) that are of greatest public health importance to Kansas. Public support of the survey is demonstrated by high response rates, resulting in consistently high data quality with respect to scientific validity and reliability, as indicated by above average CASRO Response Rates and other measures of data quality set by the Centers for Disease Control and Prevention (CDC).

Prior to 2009, the sample size for the Kansas survey was sufficient to produce state level estimates of health risk. Beginning in 2009, the Kansas BRFSS has been expanded in response to a growing demand from local health officials for local level health risk statistics. As a result, the survey will collect adequate sample during odd years (2009, 2011, 2013, 2015, 2017) over a 10 year time period to provide local level estimates from a single year of survey data.

During the 2009 survey year, data were collected from more than 18,000 adult Kansans, providing estimates for 61 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 31 health risk indicators analyzed at the subpopulation level. By the conclusion of the 10 year project, the majority of Kansas counties will have county-specific data for use in examining trends in selected health indicators.

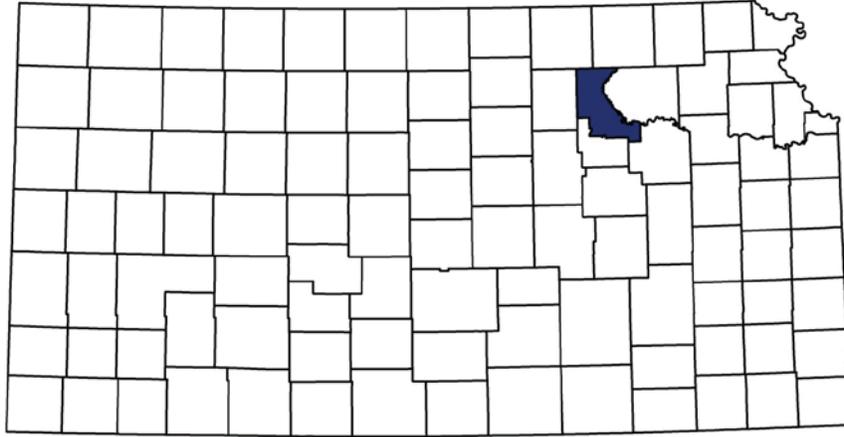
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and monitor health conditions and behaviors related to chronic and communicable diseases, disability and injury with ability to compare to state and national statistics.

Sherlock Holmes, the legendary detective created by Sir Arthur Conan Doyle, once said, "It is a capital mistake to theorize before one has data." Unfortunately, such mistakes are made in the practice of public health every day. Now that county- and region-specific BRFSS data are available in Kansas, we who devote our lives to public health practice are in a much better position to theorize about the underlying causes of serious health problems in our communities. And ultimately, we are much better positioned to take targeted action that will significantly improve the health of our communities.

Sincerely,

A handwritten signature in black ink that reads "Jason Eberhart-Phillips". The signature is written in a cursive style with a large initial 'J' and 'P'.

Jason Eberhart-Phillips, M.D., M.P.H.  
State Health Officer and Director of Health  
Kansas Department of Health and Environment



Riley County

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009 can also be accessed at <http://www.kdheks.gov/brfss/>

If you have any questions about survey methodology or need assistance interpreting the data, please contact:

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## Percentage of Adults Who Are Binge Drinkers, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Riley County	33	19.4	8.9	29.9
<b>Gender</b>				
Men	21	29.4	12.0	46.7
Women	12	7.6	1.5	13.8
<b>Age</b>				
18 to 44 Years	18	23.0	8.9	37.2
45 to 64 Years	13	12.7	5.3	20.0
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	31	20.3	8.9	31.7
<b>Race</b>				
White	30	16.9	7.0	26.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	29	19.9	8.7	31.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	5	14.8	0.0	35.6
\$35,000 or Higher per Year	27	23.5	10.4	36.6
<b>Disability</b>				
Living with a Disability	7	21.1	3.1	39.1
Living without a Disability	26	20.0	8.0	32.0

**Numerator:** Respondents males having five or more drinks on one occasion in the past 30 days or females having four or more drinks on one occasion in the past 30 days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Reported Heavy Alcohol Consumption in the Past 30 Days, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Riley County	12	9.3	0.0	19.0
<b>Gender</b>				
Men	*	*	*	*
Women	8	2.4	0.2	4.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	5.1	1.2	8.9
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	11	10.1	0.0	20.9
<b>Race</b>				
White	10	6.4	0.0	15.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	10	7.7	0.0	17.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	8	9.3	0.0	21.3
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	12	10.9	0.0	22.2

Numerator: Male respondents who reported consuming an average of more than two drinks per day and female respondents who reported consuming an average of more than one drink per day during the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Doctor Diagnosed Arthritis, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Riley County	89	12.9	8.4	17.4
<b>Gender</b>				
Men	25	9.3	4.1	14.5
Women	64	16.8	8.7	24.8
<b>Age</b>				
18 to 44 Years	8	3.6	0.7	6.4
45 to 64 Years	38	32.3	22.5	42.1
65 Years and Older	43	50.8	38.8	62.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	89	14.6	9.5	19.7
<b>Race</b>				
White	83	14.1	8.9	19.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	19	8.3	1.3	15.3
Some College or College Graduate	70	14.4	8.9	19.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	21	5.7	1.3	10.0
\$35,000 or Higher per Year	58	15.7	9.6	21.8
<b>Disability</b>				
Living with a Disability	41	49.3	33.1	65.4
Living without a Disability	48	8.0	4.5	11.5

**Numerator:** Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Riley County	40	50.8	34.4	67.3
<b>Gender</b>				
Men	*	*	*	*
Women	29	55.7	37.5	74.0
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	40	50.8	34.4	67.3
<b>Race</b>				
White	36	50.3	33.0	67.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	30	48.5	29.9	67.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	24	46.7	26.0	67.4
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

**Numerator:** Respondents who reported any limitation in their usual activities because of arthritis or joint symptoms

**Denominator:** Respondents with doctor diagnosed arthritis, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Diagnosed Cancer, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Riley County	43	9.2	1.6	16.7
<b>Gender</b>				
Men	15	12.1	0.0	26.0
Women	28	6.0	2.5	9.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	14	8.1	3.6	12.5
65 Years and Older	26	34.9	23.0	46.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	42	10.2	1.8	18.6
<b>Race</b>				
White	38	5.8	3.1	8.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	5.6	0.1	11.2
Some College or College Graduate	33	10.4	0.6	20.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	14	15.2	0.0	35.6
\$35,000 or Higher per Year	25	5.4	2.5	8.3
<b>Disability</b>				
Living with a Disability	17	15.4	6.4	24.4
Living without a Disability	26	8.3	0.0	16.8

**Numerator:** Respondents reporting they had been told by a doctor, nurse or other health professional that they had cancer.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Provide Care or Assistance to a Friend or Family Member Who Has a Health Problem, Long-term Illness, or Disability, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Riley County	74	18.6	7.5	29.6
<b>Gender</b>				
Men	17	8.3	2.2	14.5
Women	57	29.7	9.6	49.9
<b>Age</b>				
18 to 44 Years	12	14.2	0.0	29.0
45 to 64 Years	40	34.8	24.9	44.7
65 Years and Older	22	22.9	13.6	32.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	71	13.8	8.2	19.4
<b>Race</b>				
White	67	19.4	6.8	32.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	12	8.7	0.0	18.5
Some College or College Graduate	62	21.9	8.4	35.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	16	5.8	0.9	10.7
\$35,000 or Higher per Year	51	24.6	8.5	40.8
<b>Disability</b>				
Living with a Disability	27	40.1	23.8	56.5
Living without a Disability	47	15.7	3.5	28.0

**Numerator:** Respondents who reported that they provided regular care or assistance to a family member or friend who has a health problem, long-term illness or disability in the past month.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Current Asthma, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Riley County	22	9.9	0.0	20.4
<b>Gender</b>				
Men	*	*	*	*
Women	18	18.9	0.0	39.5
<b>Age</b>				
18 to 44 Years	8	11.0	0.0	24.9
45 to 64 Years	10	8.5	2.7	14.3
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	21	11.1	0.0	22.7
<b>Race</b>				
White	21	11.9	0.0	24.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	19	5.7	2.3	9.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	5	17.7	0.0	46.3
\$35,000 or Higher per Year	16	7.1	2.8	11.4
<b>Disability</b>				
Living with a Disability	6	7.5	0.6	14.4
Living without a Disability	16	10.8	0.0	23.0

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they had asthma and that they currently have asthma.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Diagnosed Diabetes, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Riley County	30	8.3	0.0	17.4
<b>Gender</b>				
Men	12	12.5	0.0	28.8
Women	18	3.5	1.2	5.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	6.6	2.5	10.8
65 Years and Older	16	15.8	7.8	23.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	27	8.3	0.0	18.5
<b>Race</b>				
White	29	10.1	0.0	21.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	3.2	0.2	6.3
Some College or College Graduate	20	10.3	0.0	22.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	12	17.5	0.0	43.1
\$35,000 or Higher per Year	16	4.3	1.2	7.4
<b>Disability</b>				
Living with a Disability	12	13.9	1.9	25.8
Living without a Disability	18	8.0	0.0	18.7

**Numerator:** Respondents reporting they had been told by a doctor they had diabetes, excluding females told only during pregnancy and pre-diabetes or borderline diabetes.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Reported Living with a Disability, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Riley County	69	11.8	7.2	16.5
<b>Gender</b>				
Men	23	9.7	4.0	15.5
Women	46	14.1	6.4	21.7
<b>Age</b>				
18 to 44 Years	13	6.6	1.9	11.3
45 to 64 Years	24	19.8	11.6	28.0
65 Years and Older	32	37.2	25.5	48.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	67	12.3	7.4	17.1
<b>Race</b>				
White	65	13.4	7.9	18.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	20	13.9	1.4	26.5
Some College or College Graduate	49	11.1	6.3	15.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	19	4.7	1.1	8.3
\$35,000 or Higher per Year	42	13.2	7.4	19.0

**Numerator:** Respondents who reported they were limited in any activities because of physical, mental, or emotional problems or who reported having a health problem that requires them to use special equipment such as a cane, a wheelchair, a special bed, or a special telephone.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Reported Activity Limitations Due to Physical,  
Mental, or Emotional Problems, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Riley County	65	11.4	6.8	15.9
<b>Gender</b>				
Men	22	9.5	3.9	15.2
Women	43	13.3	5.9	20.8
<b>Age</b>				
18 to 44 Years	13	6.6	1.9	11.3
45 to 64 Years	23	19.4	11.2	27.5
65 Years and Older	29	33.4	22.0	44.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	63	11.8	7.0	16.6
<b>Race</b>				
White	62	13.0	7.6	18.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	19	13.4	1.1	25.7
Some College or College Graduate	46	10.7	6.0	15.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	19	4.7	1.1	8.3
\$35,000 or Higher per Year	40	12.9	7.1	18.7

**Numerator: Respondents who reported they were limited in any activities because of physical, mental, or emotional problems.**

**Denominator: All respondents, excluding unknowns and refusals.**

\* Insufficient Sample

**Percentage of Adults Who Reported Consuming Fruits and Vegetables Less Than 5 Times Per Day, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Riley County	208	73.6	60.4	86.7
<b>Gender</b>				
Men	79	67.6	47.6	87.7
Women	129	79.8	64.8	94.9
<b>Age</b>				
18 to 44 Years	63	73.5	55.7	91.2
45 to 64 Years	87	76.6	67.8	85.5
65 Years and Older	58	68.8	57.7	79.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	201	74.3	61.3	87.3
<b>Race</b>				
White	189	74.6	61.2	88.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	42	81.3	53.7	100
Some College or College Graduate	166	70.9	56.3	85.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	46	59.9	28.4	91.4
\$35,000 or Higher per Year	145	82.9	75.2	90.6
<b>Disability</b>				
Living with a Disability	50	76.6	64.3	89.0
Living without a Disability	158	73.1	58.3	88.0

**Numerator:** Respondents who reported they consumed fruits and vegetables less than 5 times per day.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Have Gambled in Past 12 Months, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Riley County	77	20.4	11.2	29.6
<b>Gender</b>				
Men	35	21.0	10.1	31.9
Women	42	19.9	4.7	35.0
<b>Age</b>				
18 to 44 Years	22	18.1	6.1	30.1
45 to 64 Years	38	30.1	20.8	39.5
65 Years and Older	17	21.3	11.3	31.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	74	21.3	11.4	31.2
<b>Race</b>				
White	74	22.5	12.0	33.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	12	6.2	0.4	12.0
Some College or College Graduate	65	25.2	13.7	36.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	16	18.4	0.0	39.5
\$35,000 or Higher per Year	55	22.7	13.4	32.1
<b>Disability</b>				
Living with a Disability	18	25.3	11.0	39.6
Living without a Disability	59	19.8	9.5	30.0

**Numerator:** Respondents reporting they had played the lottery, bingo, card games, slot machines, or any other games for money or something else of value in the last 12 months.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults with Fair or Poor Self-Perceived Health Status, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Riley County	28	4.2	2.1	6.2
<b>Gender</b>				
Men	11	4.6	1.3	7.9
Women	17	3.7	1.1	6.2
<b>Age</b>				
18 to 44 Years	5	1.8	0.0	3.6
45 to 64 Years	9	6.2	1.5	11.0
65 Years and Older	14	19.5	9.2	29.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	27	4.5	2.2	6.8
<b>Race</b>				
White	28	5.1	2.5	7.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	11	5.6	0.5	10.7
Some College or College Graduate	17	3.6	1.3	5.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	12	4.3	0.6	8.0
\$35,000 or Higher per Year	12	3.9	1.1	6.6
<b>Disability</b>				
Living with a Disability	19	21.5	10.4	32.6
Living without a Disability	9	2.1	0.4	3.7

Numerator: Respondents reporting that in general their health is fair or poor.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

# Percentage of Adults Who Lack Health Care Coverage, 2009

## Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Riley County	13	3.3	0.5	6.2
<b>Gender</b>				
Men	5	4.3	0.0	9.4
Women	8	2.3	0.3	4.3
<b>Age</b>				
18 to 44 Years	7	3.7	0.0	7.5
45 to 64 Years	5	3.2	0.0	6.6
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	13	3.8	0.6	7.0
<b>Race</b>				
White	10	3.4	0.2	6.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	12	4.4	0.6	8.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	10	6.0	0.0	12.0
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	11	3.5	0.3	6.8

**Numerator:** Respondents reporting they had no health care coverage.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

# Percentage of Adults with No Personal Doctor or Health Care Provider, 2009

## Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Riley County	30	34.9	19.9	49.9
<b>Gender</b>				
Men	17	38.4	19.0	57.7
Women	13	31.2	7.4	54.9
<b>Age</b>				
18 to 44 Years	22	45.9	26.7	65.1
45 to 64 Years	7	5.6	1.1	10.0
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	28	34.5	19.0	49.9
<b>Race</b>				
White	27	32.0	16.0	48.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	7	57.8	26.5	89.1
Some College or College Graduate	23	27.3	12.4	42.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	13	64.5	37.2	91.7
\$35,000 or Higher per Year	15	19.3	6.1	32.5
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	26	38.0	21.4	54.7

Numerator: Respondents reporting they had no personal doctor or health care provider.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Could Not See Doctor Because of Cost in Past 12 Months, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Riley County	16	3.6	1.1	6.1
<b>Gender</b>				
Men	5	3.8	0.0	7.9
Women	11	3.4	0.8	6.0
<b>Age</b>				
18 to 44 Years	6	3.0	0.0	6.1
45 to 64 Years	9	7.4	1.9	12.9
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	16	4.1	1.3	6.9
<b>Race</b>				
White	12	2.8	0.6	5.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	13	4.3	1.0	7.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	9	5.4	0.0	11.1
\$35,000 or Higher per Year	5	2.2	0.0	4.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	11	3.0	0.4	5.6

**Numerator:** Respondents reporting they could not see a doctor because of cost in the past 12 months.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Reported Their Mental Health Was Not Good on 14 or More Days in the Past 30 Days, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Riley County	20	4.9	1.6	8.1
<b>Gender</b>				
Men	8	4.1	0.4	7.8
Women	12	5.7	0.3	11.1
<b>Age</b>				
18 to 44 Years	7	4.6	0.4	8.8
45 to 64 Years	8	5.7	1.3	10.1
65 Years and Older	5	5.4	0.2	10.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	17	4.2	1.1	7.2
<b>Race</b>				
White	19	5.3	1.6	8.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	16	4.8	1.6	8.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	7	2.2	0.0	4.4
\$35,000 or Higher per Year	10	4.3	0.8	7.7
<b>Disability</b>				
Living with a Disability	12	29.0	11.1	46.9
Living without a Disability	7	1.1	0.0	2.2

Numerator: Respondents reporting 14 or more days when their mental health was not good.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Had a Heart Attack, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Riley County	10	1.4	0.4	2.4
<b>Gender</b>				
Men	5	1.6	0.1	3.1
Women	5	1.2	0.0	2.4
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	4.2	0.5	7.9
65 Years and Older	5	7.1	0.6	13.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	10	1.6	0.5	2.7
<b>Race</b>				
White	10	1.7	0.5	2.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	7	1.3	0.2	2.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	6	1.5	0.2	2.9
<b>Disability</b>				
Living with a Disability	5	4.6	0.4	8.8
Living without a Disability	5	1.0	0.1	1.9

**Numerator:** Respondents who reported that a doctor, nurse, or other health professional EVER told them that they had ever had a heart attack, also called a myocardial infarction.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Tested and Diagnosed with High Cholesterol, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Riley County	106	26.5	18.7	34.3
<b>Gender</b>				
Men	40	29.6	15.3	43.8
Women	66	23.6	15.8	31.4
<b>Age</b>				
18 to 44 Years	9	9.4	1.5	17.2
45 to 64 Years	54	50.7	40.0	61.3
65 Years and Older	43	57.0	44.8	69.3
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	106	29.5	21.3	37.7
<b>Race</b>				
White	101	30.9	22.0	39.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	85	28.6	20.6	36.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	78	25.6	17.3	33.9
<b>Disability</b>				
Living with a Disability	32	37.3	21.6	52.9
Living without a Disability	74	24.2	15.6	32.8

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they have high blood cholesterol.

**Denominator:** Respondents who had ever had their cholesterol checked, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Diagnosed Hypertension, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Riley County	103	13.3	8.8	17.8
<b>Gender</b>				
Men	33	10.6	5.1	16.0
Women	70	16.4	8.7	24.1
<b>Age</b>				
18 to 44 Years	6	2.5	0.3	4.8
45 to 64 Years	44	35.5	25.5	45.6
65 Years and Older	53	60.8	49.1	72.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	101	14.7	9.7	19.7
<b>Race</b>				
White	94	15.0	9.6	20.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	24	9.3	2.2	16.4
Some College or College Graduate	79	14.8	9.4	20.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	27	8.2	2.1	14.3
\$35,000 or Higher per Year	62	15.8	9.8	21.9
<b>Disability</b>				
Living with a Disability	33	30.9	18.4	43.4
Living without a Disability	70	11.6	7.0	16.2

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they have high blood pressure.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Ages 18 Years and Older Who Did Not Receive a Flu Shot  
During the Past 12 Months, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Riley County	128	48.9	34.7	63.0
<b>Gender</b>				
Men	52	47.3	28.6	66.1
Women	76	50.6	29.5	71.8
<b>Age</b>				
18 to 44 Years	49	50.4	31.3	69.5
45 to 64 Years	57	55.4	45.2	65.5
65 Years and Older	22	25.7	15.2	36.3
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	124	47.4	33.6	61.2
<b>Race</b>				
White	114	52.2	36.9	67.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	20	18.6	2.7	34.5
Some College or College Graduate	108	58.9	45.1	72.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	33	43.3	13.3	73.3
\$35,000 or Higher per Year	84	49.5	34.3	64.7
<b>Disability</b>				
Living with a Disability	25	44.1	27.5	60.7
Living without a Disability	103	49.5	33.6	65.5

**Numerator:** Respondents who reported they did not have a flu shot during the past 12 months.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Not Participating in Any Physical Activity (Leisure Time Physical Activity), 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Riley County	52	18.3	6.3	30.3
<b>Gender</b>				
Men	13	12.0	0.0	24.9
Women	39	25.5	5.4	45.7
<b>Age</b>				
18 to 44 Years	15	19.4	3.4	35.4
45 to 64 Years	19	13.0	6.8	19.3
65 Years and Older	18	18.4	9.8	27.0
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	51	19.8	6.8	32.9
<b>Race</b>				
White	44	20.3	6.1	34.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	20	48.0	14.6	81.5
Some College or College Graduate	32	6.9	3.3	10.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	17	24.5	0.0	52.8
\$35,000 or Higher per Year	25	14.3	2.3	26.2
<b>Disability</b>				
Living with a Disability	21	32.1	15.1	49.2
Living without a Disability	31	17.3	3.4	31.3

**Numerator:** Respondents reporting they did not participate in any physical activities or exercise, other than their regular job, in the past 30 days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Not Participating in Recommended Level of Physical Activity, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Riley County	125	36.7	23.5	49.9
<b>Gender</b>				
Men	42	38.8	19.9	57.6
Women	83	34.4	16.9	52.0
<b>Age</b>				
18 to 44 Years	33	33.0	15.9	50.2
45 to 64 Years	53	44.6	34.1	55.1
65 Years and Older	39	52.6	40.1	65.1
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	123	41.5	27.6	55.4
<b>Race</b>				
White	116	40.7	25.9	55.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	91	32.3	19.7	44.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	33	21.6	0.1	43.2
\$35,000 or Higher per Year	81	46.6	30.9	62.4
<b>Disability</b>				
Living with a Disability	42	51.0	34.1	67.9
Living without a Disability	83	34.8	20.1	49.4

**Numerator:** Respondents reporting they did not participate in moderate physical activities at least 5 times per week for at least 30 minutes or vigorous physical activities at least 3 times per week for at least 20 minutes.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Not Participating in Recommended Level of Moderate Physical Activity, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Riley County	125	36.7	23.5	49.9
<b>Gender</b>				
Men	42	38.8	19.9	57.6
Women	83	34.4	16.9	52.0
<b>Age</b>				
18 to 44 Years	33	33.0	15.9	50.2
45 to 64 Years	53	44.6	34.1	55.1
65 Years and Older	39	52.6	40.1	65.1
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	123	41.5	27.6	55.4
<b>Race</b>				
White	116	40.7	25.9	55.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	91	32.3	19.7	44.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	33	21.6	0.1	43.2
\$35,000 or Higher per Year	81	46.6	30.9	62.4
<b>Disability</b>				
Living with a Disability	42	51.0	34.1	67.9
Living without a Disability	83	34.8	20.1	49.4

**Numerator:** Respondents reporting they did not participate in either moderate physical activity defined as 30 or more minutes per day for 5 or more days per week, or vigorous activity for 20 or more minutes per day on 3 or more days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Not Participating in Recommended Level of Vigorous Physical Activity, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Riley County	198	57.8	42.9	72.6
<b>Gender</b>				
Men	59	48.0	28.7	67.4
Women	139	68.1	45.8	90.3
<b>Age</b>				
18 to 44 Years	53	53.3	33.7	72.9
45 to 64 Years	79	65.4	55.2	75.5
65 Years and Older	66	79.1	69.1	89.0
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	195	65.0	51.1	78.9
<b>Race</b>				
White	183	62.9	47.1	78.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	46	83.4	55.9	100
Some College or College Graduate	152	49.0	34.0	64.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	50	47.2	16.1	78.3
\$35,000 or Higher per Year	129	64.0	47.7	80.2
<b>Disability</b>				
Living with a Disability	55	69.0	52.8	85.1
Living without a Disability	143	56.2	39.6	72.8

**Numerator:** Respondents reporting they did not participate in vigorous physical activities at least 3 times per week for at least 20 minutes.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Did Not Get Enough Rest or Sleep in Past 30 Days,  
2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Riley County	67	26.4	15.2	37.5
<b>Gender</b>				
Men	26	26.4	10.7	42.0
Women	41	26.4	10.2	42.6
<b>Age</b>				
18 to 44 Years	34	30.1	14.9	45.4
45 to 64 Years	20	16.8	8.7	24.8
65 Years and Older	13	14.0	5.9	22.1
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	65	28.8	16.7	40.9
<b>Race</b>				
White	59	24.5	13.5	35.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	9	7.5	0.0	16.8
Some College or College Graduate	58	32.6	19.1	46.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	17	28.0	1.0	54.9
\$35,000 or Higher per Year	42	24.6	14.4	34.8
<b>Disability</b>				
Living with a Disability	21	44.9	27.9	61.9
Living without a Disability	45	23.5	11.2	35.8

**Numerator:** Respondents reporting they did not get enough sleep on 14 or more days in the past 30 days.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Are Current Smokers, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Riley County	36	15.1	5.0	25.1
<b>Gender</b>				
Men	13	19.3	2.3	36.3
Women	23	10.2	3.1	17.3
<b>Age</b>				
18 to 44 Years	13	17.1	3.6	30.6
45 to 64 Years	20	13.1	6.9	19.3
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	33	15.0	4.1	25.9
<b>Race</b>				
White	32	16.1	4.3	28.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	9	34.0	2.8	65.3
Some College or College Graduate	27	7.8	3.4	12.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	14	6.1	0.1	12.2
\$35,000 or Higher per Year	21	21.2	5.6	36.8
<b>Disability</b>				
Living with a Disability	14	26.3	8.7	43.8
Living without a Disability	22	14.3	2.8	25.9

**Numerator:** Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

# Percentage of Adults Who Currently Use Any Smokeless Tobacco Products, 2009

## Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Riley County	7	9.9	0.0	19.9
<b>Gender</b>				
Men	6	18.4	1.1	35.7
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	7	11.2	0.2	22.3
<b>Race</b>				
White	5	6.3	0.0	15.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	*	*	*	*
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	5	11.6	0.0	23.2

Numerator: Respondents who reported they currently use chewing tobacco, snuff or snus (Swedish for snuff) some days or every day.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Ever Served on Active Duty in the United States  
Armed Forces, 2009**

**Riley County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Riley County	50	23.4	11.6	35.3
<b>Gender</b>				
Men	46	42.4	23.6	61.2
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	15	24.7	8.9	40.4
45 to 64 Years	19	15.8	8.5	23.1
65 Years and Older	16	27.0	15.3	38.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	46	20.6	9.3	31.9
<b>Race</b>				
White	43	18.3	8.1	28.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	15	34.7	3.9	65.6
Some College or College Graduate	35	19.1	8.2	30.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	10	25.3	0.0	52.2
\$35,000 or Higher per Year	37	24.0	10.9	37.1
<b>Disability</b>				
Living with a Disability	14	29.3	13.9	44.8
Living without a Disability	36	23.8	10.1	37.5

**Numerator:** Respondents who reported that they served on active duty in the United States Armed Forces, either in the regular military or in a National Guard or military reserve unit.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Are Obese, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Riley County	62	18.5	9.5	27.4
<b>Gender</b>				
Men	28	22.9	8.4	37.3
Women	34	13.2	5.4	21.0
<b>Age</b>				
18 to 44 Years	17	16.6	5.1	28.1
45 to 64 Years	27	25.4	15.7	35.0
65 Years and Older	18	21.5	11.7	31.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	57	15.3	8.8	21.9
<b>Race</b>				
White	56	16.9	9.4	24.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	16	23.1	0.0	48.7
Some College or College Graduate	46	16.7	9.2	24.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	15	17.9	0.0	39.2
\$35,000 or Higher per Year	44	19.4	10.7	28.1
<b>Disability</b>				
Living with a Disability	18	41.2	23.2	59.1
Living without a Disability	44	16.4	6.6	26.2

**Numerator:** Respondents with a body mass index greater than or equal to 30, based on self-reported height and weight.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Are Overweight or Obese, 2009

### Riley County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Riley County	177	50.1	35.9	64.4
<b>Gender</b>				
Men	80	64.4	44.3	84.5
Women	97	33.1	18.2	48.0
<b>Age</b>				
18 to 44 Years	47	43.6	25.8	61.4
45 to 64 Years	78	73.9	64.8	83.0
65 Years and Older	52	62.4	51.0	73.7
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	171	50.3	36.1	64.6
<b>Race</b>				
White	161	47.7	32.8	62.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	36	49.0	15.6	82.3
Some College or College Graduate	141	50.5	35.5	65.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	38	40.1	11.2	69.1
\$35,000 or Higher per Year	130	59.9	43.8	76.1
<b>Disability</b>				
Living with a Disability	45	78.2	67.3	89.0
Living without a Disability	132	48.8	33.0	64.6

**Numerator:** Respondents with a body mass index greater than or equal to 25, based on self-reported height and weight.

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient Sample