

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

Osage 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

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

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Kansas Department of Health and Environment
Bureau of Health Promotion
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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

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.

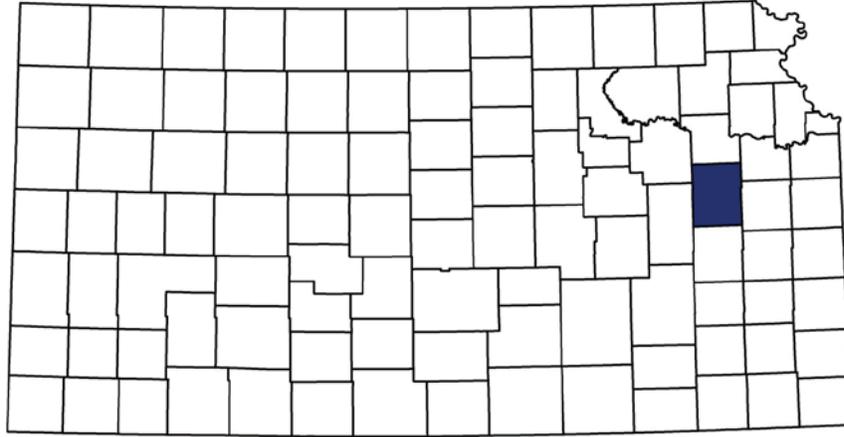
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and 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



Osage 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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Osage County	17	16.6	8.5	24.6
Gender				
Men	12	24.3	10.5	38.0
Women	5	9.5	1.3	17.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	12.9	2.9	23.0
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	16	14.6	7.3	21.9
Race				
White	16	14.8	7.4	22.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	14.4	2.9	25.8
Some College or College Graduate	10	18.7	7.4	29.9
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	14	25.9	13.7	38.2
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	14	18.0	8.6	27.5

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Osage County	*	*	*	*
Gender				
Men	*	*	*	*
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	*	*	*	*
Race				
White	*	*	*	*
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Osage County	60	26.0	18.7	33.3
Gender				
Men	26	28.9	16.7	41.0
Women	34	23.3	14.9	31.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	25	32.0	19.9	44.1
65 Years and Older	31	49.6	36.7	62.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	60	26.6	19.2	34.0
Race				
White	56	25.7	18.3	33.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	27	23.7	13.3	34.1
Some College or College Graduate	33	28.2	18.1	38.3
Annual Household Income				
Less than \$35,000 per Year	25	38.1	21.9	54.3
\$35,000 or Higher per Year	31	25.9	16.3	35.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	27	14.8	8.5	21.2

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Osage County	27	47.5	32.5	62.6
Gender				
Men	*	*	*	*
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	27	47.5	32.5	62.6
Race				
White	25	47.3	31.6	62.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Osage County	27	10.7	6.0	15.3
Gender				
Men	10	9.3	2.3	16.3
Women	17	12.0	5.8	18.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	10	15.2	4.6	25.8
65 Years and Older	17	26.3	15.1	37.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	27	10.9	6.2	15.6
Race				
White	27	11.0	6.3	15.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	10	6.6	2.2	11.0
Some College or College Graduate	17	14.5	6.6	22.3
Annual Household Income				
Less than \$35,000 per Year	8	10.0	2.7	17.4
\$35,000 or Higher per Year	15	12.2	5.2	19.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	16	8.8	3.7	13.9

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Osage County	43	23.8	16.1	31.4
Gender				
Men	19	24.5	12.5	36.5
Women	24	23.1	13.4	32.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	18	26.4	14.5	38.3
65 Years and Older	16	25.5	14.0	36.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	43	24.3	16.5	32.1
Race				
White	41	23.9	16.0	31.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	22	24.8	13.1	36.4
Some College or College Graduate	21	22.8	12.7	32.9
Annual Household Income				
Less than \$35,000 per Year	12	26.0	9.2	42.7
\$35,000 or Higher per Year	25	23.9	14.1	33.7
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	34	24.5	15.5	33.5

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Osage County	11	8.1	2.0	14.2
Gender				
Men	*	*	*	*
Women	10	11.3	3.2	19.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	10	6.0	1.5	10.5
Race				
White	10	6.1	1.5	10.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	10.2	0.0	20.4
Some College or College Graduate	5	6.2	0.0	12.8
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	7	10.0	0.8	19.2
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	8	8.8	1.4	16.2

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Osage County	21	9.9	4.9	14.9
Gender				
Men	7	7.7	0.6	14.8
Women	14	12.0	5.0	19.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	15	27.1	15.0	39.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	21	10.1	5.1	15.2
Race				
White	20	9.9	4.8	15.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	13	11.8	3.9	19.6
Some College or College Graduate	8	8.1	1.8	14.5
Annual Household Income				
Less than \$35,000 per Year	11	18.9	5.4	32.5
\$35,000 or Higher per Year	7	6.6	1.1	12.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	11	6.0	1.8	10.2

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Osage County	46	19.6	13.2	25.9
Gender				
Men	20	21.6	10.9	32.2
Women	26	17.7	10.4	25.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	21	29.2	17.2	41.1
65 Years and Older	23	35.8	23.3	48.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	46	20.0	13.5	26.5
Race				
White	42	19.0	12.6	25.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	23	18.5	9.3	27.7
Some College or College Graduate	23	20.6	11.9	29.3
Annual Household Income				
Less than \$35,000 per Year	22	30.6	15.8	45.5
\$35,000 or Higher per Year	17	14.8	7.4	22.2

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**

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Osage County	41	16.7	10.8	22.6
Gender				
Men	18	18.3	8.5	28.1
Women	23	15.2	8.5	21.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	18	23.2	12.5	33.9
65 Years and Older	21	31.6	19.4	43.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	41	17.1	11.1	23.1
Race				
White	37	16.1	10.1	22.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	20	15.2	6.9	23.5
Some College or College Graduate	21	18.2	10.0	26.4
Annual Household Income				
Less than \$35,000 per Year	21	29.4	14.8	44.0
\$35,000 or Higher per Year	13	10.4	4.4	16.5

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Osage County	140	85.7	79.6	91.8
Gender				
Men	65	91.9	84.3	99.5
Women	75	80.0	70.9	89.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	57	82.6	71.3	93.9
65 Years and Older	50	80.2	70.5	89.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	139	85.4	79.2	91.5
Race				
White	135	85.2	78.9	91.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	73	92.2	87.0	97.3
Some College or College Graduate	67	79.6	69.2	89.9
Annual Household Income				
Less than \$35,000 per Year	48	87.5	76.6	98.3
\$35,000 or Higher per Year	71	85.6	77.2	94.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	102	85.3	78.1	92.5

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Osage County	68	37.3	28.7	45.9
Gender				
Men	28	31.6	19.4	43.7
Women	40	42.7	30.8	54.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	47.6	34.1	61.1
65 Years and Older	19	28.9	17.0	40.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	68	38.2	29.5	46.8
Race				
White	66	38.1	29.3	46.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	29	23.4	13.8	32.9
Some College or College Graduate	39	50.5	38.0	63.0
Annual Household Income				
Less than \$35,000 per Year	22	30.1	16.0	44.2
\$35,000 or Higher per Year	37	44.5	32.2	56.8
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	49	36.2	26.4	46.0

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Osage County	33	13.6	8.3	18.9
Gender				
Men	16	14.1	5.9	22.2
Women	17	13.2	6.2	20.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	13	15.6	6.5	24.8
65 Years and Older	17	25.7	14.3	37.1
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	33	13.9	8.5	19.3
Race				
White	31	13.5	8.1	18.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	22	18.5	9.5	27.6
Some College or College Graduate	11	8.9	3.2	14.7
Annual Household Income				
Less than \$35,000 per Year	19	24.1	11.7	36.6
\$35,000 or Higher per Year	10	9.9	3.3	16.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	9	6.2	1.5	10.9

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Osage County	12	10.7	4.1	17.4
Gender				
Men	*	*	*	*
Women	9	13.0	3.7	22.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	10.4	1.5	19.2
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	12	11.0	4.2	17.8
Race				
White	12	11.1	4.3	18.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	10	19.3	7.0	31.6
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	7	27.6	8.6	46.5
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	11	13.0	4.8	21.1

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Osage County	14	11.0	4.3	17.7
Gender				
Men	9	17.8	5.2	30.3
Women	5	4.7	0.6	8.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	13.2	3.8	22.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	13	9.0	3.5	14.4
Race				
White	13	9.1	3.6	14.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	16.1	4.0	28.1
Some College or College Graduate	5	6.2	0.5	12.0
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	5	9.0	0.1	17.8
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	10	10.6	2.8	18.4

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Osage County	9	4.7	1.3	8.2
Gender				
Men	*	*	*	*
Women	6	5.6	0.1	11.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	7.2	1.5	12.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	9	4.8	1.3	8.3
Race				
White	9	4.9	1.3	8.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	5	4.9	0.6	9.3
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	7	12.9	1.6	24.3
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	6	4.7	0.7	8.7

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Osage County	10	5.2	1.5	8.8
Gender				
Men	6	5.4	0.3	10.5
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	11.3	2.8	19.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	10	5.3	1.6	9.0
Race				
White	8	4.8	1.1	8.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	5	4.9	0.0	10.2
Some College or College Graduate	5	5.4	0.4	10.4
Annual Household Income				
Less than \$35,000 per Year	7	11.4	2.4	20.4
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Osage County	12	5.2	1.8	8.5
Gender				
Men	8	8.5	1.9	15.1
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	9.2	0.8	17.6
65 Years and Older	6	9.7	2.1	17.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	12	5.3	1.8	8.7
Race				
White	11	5.0	1.5	8.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	5.5	0.6	10.4
Some College or College Graduate	5	4.8	0.2	9.5
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	6	5.9	0.8	11.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Osage County	67	41.4	31.8	51.1
Gender				
Men	29	42.0	27.0	56.9
Women	38	41.0	28.4	53.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	25	39.0	25.4	52.7
65 Years and Older	33	56.3	42.7	69.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	67	41.4	31.8	51.1
Race				
White	64	40.9	31.1	50.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	30	40.5	26.5	54.6
Some College or College Graduate	37	42.2	28.8	55.6
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	34	41.1	28.1	54.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	49	40.9	29.6	52.1

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Osage County	62	28.3	20.5	36.1
Gender				
Men	24	27.7	15.4	39.9
Women	38	28.9	18.9	38.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	20	25.2	14.1	36.4
65 Years and Older	36	57.1	44.4	69.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	62	28.9	21.0	36.8
Race				
White	59	28.4	20.5	36.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	33	24.5	14.9	34.2
Some College or College Graduate	29	31.9	20.0	43.7
Annual Household Income				
Less than \$35,000 per Year	23	33.0	18.0	48.1
\$35,000 or Higher per Year	30	29.1	18.1	40.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	42	27.4	18.3	36.4

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**

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Osage County	81	56.9	47.8	65.9
Gender				
Men	37	60.7	46.9	74.5
Women	44	53.3	41.5	65.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	39	64.3	51.9	76.7
65 Years and Older	20	30.6	18.6	42.6
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	81	58.2	49.3	67.0
Race				
White	79	58.2	49.3	67.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	45	62.7	49.6	75.9
Some College or College Graduate	36	51.3	38.8	63.8
Annual Household Income				
Less than \$35,000 per Year	27	57.5	41.0	74.1
\$35,000 or Higher per Year	39	54.7	42.3	67.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	60	58.3	47.8	68.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Osage County	54	25.0	17.8	32.3
Gender				
Men	19	21.9	10.9	32.9
Women	35	27.9	18.5	37.4
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	22	28.0	16.5	39.6
65 Years and Older	24	36.2	23.6	48.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	54	25.6	18.2	33.0
Race				
White	54	25.9	18.5	33.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	28	26.1	15.0	37.2
Some College or College Graduate	26	24.0	14.5	33.5
Annual Household Income				
Less than \$35,000 per Year	26	42.4	25.5	59.3
\$35,000 or Higher per Year	17	17.0	9.0	25.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	24	16.0	9.1	22.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Osage County	86	42.9	33.7	52.2
Gender				
Men	28	31.1	18.4	43.8
Women	58	53.5	41.1	65.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	41	52.9	39.3	66.5
65 Years and Older	32	53.2	39.7	66.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	86	44.0	34.6	53.3
Race				
White	85	44.3	34.9	53.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	47	43.7	29.9	57.5
Some College or College Graduate	39	42.2	29.7	54.7
Annual Household Income				
Less than \$35,000 per Year	32	51.2	33.0	69.4
\$35,000 or Higher per Year	37	38.1	26.4	49.9
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	54	36.7	26.5	46.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Osage County	86	42.9	33.7	52.2
Gender				
Men	28	31.1	18.4	43.8
Women	58	53.5	41.1	65.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	41	52.9	39.3	66.5
65 Years and Older	32	53.2	39.7	66.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	86	44.0	34.6	53.3
Race				
White	85	44.3	34.9	53.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	47	43.7	29.9	57.5
Some College or College Graduate	39	42.2	29.7	54.7
Annual Household Income				
Less than \$35,000 per Year	32	51.2	33.0	69.4
\$35,000 or Higher per Year	37	38.1	26.4	49.9
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	54	36.7	26.5	46.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Osage County	125	66.1	56.2	76.0
Gender				
Men	50	61.4	45.7	77.2
Women	75	70.4	58.5	82.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	52	70.9	57.7	84.0
65 Years and Older	51	82.2	72.5	91.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	125	67.7	58.1	77.3
Race				
White	123	68.1	58.3	77.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	66	67.2	52.0	82.4
Some College or College Graduate	59	65.1	52.4	77.8
Annual Household Income				
Less than \$35,000 per Year	47	89.5	78.6	100
\$35,000 or Higher per Year	54	57.8	45.0	70.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	85	60.9	49.4	72.4

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**

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Osage County	46	32.5	23.5	41.6
Gender				
Men	20	33.2	19.1	47.2
Women	26	32.0	20.4	43.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	21	36.9	23.0	50.7
65 Years and Older	10	15.0	5.6	24.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	46	33.3	24.2	42.4
Race				
White	42	32.5	23.3	41.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	21	27.0	14.1	39.9
Some College or College Graduate	25	37.6	25.2	50.1
Annual Household Income				
Less than \$35,000 per Year	16	35.2	17.0	53.3
\$35,000 or Higher per Year	26	36.6	24.5	48.8
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	29	30.3	19.8	40.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Osage County	29	20.8	12.7	28.9
Gender				
Men	14	23.6	10.6	36.6
Women	15	18.3	8.5	28.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	16	25.6	13.6	37.7
65 Years and Older	5	10.0	1.5	18.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	28	19.0	11.5	26.4
Race				
White	28	19.1	11.6	26.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	19	28.8	15.5	42.2
Some College or College Graduate	10	13.2	4.6	21.9
Annual Household Income				
Less than \$35,000 per Year	10	24.8	8.0	41.5
\$35,000 or Higher per Year	11	16.8	6.2	27.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	18	17.7	8.8	26.6

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Osage County	*	*	*	*
Gender				
Men	*	*	*	*
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	*	*	*	*
Race				
White	*	*	*	*
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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**

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Osage County	27	12.2	7.0	17.3
Gender				
Men	26	24.8	14.2	35.3
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	16.5	6.9	26.0
65 Years and Older	13	21.2	10.7	31.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	27	12.4	7.2	17.7
Race				
White	25	12.0	6.8	17.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	12	13.4	4.9	21.9
Some College or College Graduate	15	11.0	5.1	16.9
Annual Household Income				
Less than \$35,000 per Year	10	15.8	4.9	26.7
\$35,000 or Higher per Year	17	14.1	6.8	21.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	21	12.5	6.6	18.4

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Osage County	59	35.4	26.5	44.4
Gender				
Men	25	30.4	17.4	43.5
Women	34	40.1	28.0	52.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	25	34.9	22.3	47.4
65 Years and Older	20	31.6	19.5	43.6
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	58	33.9	25.2	42.6
Race				
White	55	33.3	24.5	42.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	33	38.1	24.7	51.4
Some College or College Graduate	26	32.9	21.0	44.8
Annual Household Income				
Less than \$35,000 per Year	20	33.8	17.6	50.0
\$35,000 or Higher per Year	33	42.0	29.5	54.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	37	32.4	22.0	42.8

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

Osage County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Osage County	122	69.2	59.9	78.5
Gender				
Men	56	67.8	52.7	82.9
Women	66	70.5	59.5	81.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	53	77.5	66.3	88.7
65 Years and Older	45	76.0	65.7	86.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	121	68.5	59.1	77.8
Race				
White	117	68.1	58.6	77.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	60	68.2	54.1	82.2
Some College or College Graduate	62	70.2	58.0	82.3
Annual Household Income				
Less than \$35,000 per Year	40	68.1	50.7	85.5
\$35,000 or Higher per Year	65	75.4	64.3	86.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	87	67.4	56.6	78.3

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