

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

Sumner 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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Project Funding:

Partial funding for the 2009 Behavioral Risk Factor Survey was provided by cooperative agreement U58DP001968-01W1 Revised from the Centers for Disease Control and Prevention, Atlanta GA and by Kansas Health Foundation 200804006-01, Wichita KS.

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

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.

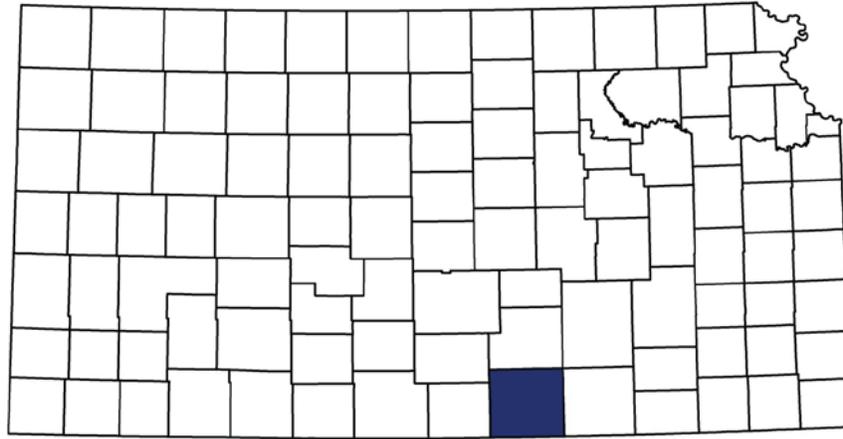
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and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

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



Sumner 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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Sumner County	15	13.1	5.7	20.5
Gender				
Men	12	23.5	9.7	37.3
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	6.4	0.3	12.5
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	15	13.8	6.0	21.5
Race				
White	14	13.0	5.3	20.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	12.2	0.9	23.5
Some College or College Graduate	9	13.8	4.1	23.6
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	10	16.4	5.1	27.7
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	14	15.9	6.8	25.0

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Sumner County	11	6.0	1.9	10.2
Gender				
Men	7	9.2	1.4	16.9
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	7.0	0.6	13.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	9	5.2	1.2	9.2
Race				
White	11	6.4	2.0	10.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	7.0	1.0	12.9
Some College or College Graduate	5	5.2	0.0	10.9
Annual Household Income				
Less than \$35,000 per Year	5	7.5	0.0	15.0
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	11	7.5	2.3	12.7

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Sumner County	74	24.4	17.4	31.3
Gender				
Men	19	23.2	12.0	34.4
Women	55	25.4	17.0	33.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	36.4	24.8	48.0
65 Years and Older	35	42.7	30.1	55.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	70	24.4	17.3	31.5
Race				
White	72	25.5	18.3	32.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	44	29.9	18.1	41.6
Some College or College Graduate	30	19.2	11.3	27.2
Annual Household Income				
Less than \$35,000 per Year	38	35.4	19.1	51.7
\$35,000 or Higher per Year	28	18.9	11.2	26.7
Disability				
Living with a Disability	37	50.3	34.7	66.0
Living without a Disability	37	18.2	11.1	25.3

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Sumner County	33	40.4	27.3	53.4
Gender				
Men	*	*	*	*
Women	27	46.2	31.8	60.6
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	31	39.4	26.0	52.9
Race				
White	32	40.3	27.1	53.5
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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Sumner County	22	8.4	4.3	12.6
Gender				
Men	6	7.5	1.2	13.8
Women	16	9.2	3.7	14.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	9	9.5	2.4	16.6
65 Years and Older	12	19.9	8.7	31.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	19	7.2	3.4	11.0
Race				
White	21	8.1	4.0	12.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	13	9.6	3.5	15.7
Some College or College Graduate	9	7.3	1.7	12.8
Annual Household Income				
Less than \$35,000 per Year	13	12.9	4.1	21.8
\$35,000 or Higher per Year	5	4.6	0.3	8.9
Disability				
Living with a Disability	8	9.4	2.5	16.3
Living without a Disability	14	8.2	3.3	13.1

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Sumner County	58	25.5	17.8	33.2
Gender				
Men	12	17.0	6.6	27.3
Women	46	33.2	22.1	44.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	36	40.4	28.3	52.5
65 Years and Older	13	18.7	8.8	28.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	57	26.3	18.3	34.2
Race				
White	56	25.5	17.7	33.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	32	32.3	19.7	44.9
Some College or College Graduate	26	19.1	10.1	28.1
Annual Household Income				
Less than \$35,000 per Year	23	24.9	11.8	38.0
\$35,000 or Higher per Year	26	24.3	13.8	34.7
Disability				
Living with a Disability	14	21.2	9.8	32.6
Living without a Disability	44	26.5	17.3	35.7

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Sumner County	15	10.2	0.8	19.5
Gender				
Men	*	*	*	*
Women	12	15.3	0.0	31.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	14.8	5.9	23.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	15	10.7	0.9	20.5
Race				
White	14	10.1	0.2	19.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	13.6	0.0	31.5
Some College or College Graduate	9	7.0	1.5	12.4
Annual Household Income				
Less than \$35,000 per Year	6	22.9	0.0	47.9
\$35,000 or Higher per Year	8	4.6	0.9	8.2
Disability				
Living with a Disability	8	16.4	4.3	28.5
Living without a Disability	7	8.7	0.0	20.0

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Sumner County	25	10.2	5.5	14.9
Gender				
Men	11	13.0	4.6	21.5
Women	14	7.5	3.1	11.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	13	19.4	8.5	30.2
65 Years and Older	12	19.0	8.2	29.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	25	10.7	5.8	15.7
Race				
White	24	10.6	5.7	15.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	11	7.9	2.1	13.6
Some College or College Graduate	14	12.4	5.0	19.8
Annual Household Income				
Less than \$35,000 per Year	9	10.5	2.0	18.9
\$35,000 or Higher per Year	15	11.6	4.9	18.4
Disability				
Living with a Disability	12	21.1	8.0	34.2
Living without a Disability	13	7.8	3.0	12.6

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Sumner County	60	19.2	13.1	25.3
Gender				
Men	16	15.7	7.0	24.3
Women	44	22.4	13.9	31.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	25	25.5	15.2	35.8
65 Years and Older	33	42.1	29.5	54.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	59	19.7	13.4	26.0
Race				
White	58	20.1	13.6	26.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	38	27.2	16.1	38.2
Some College or College Graduate	22	11.8	5.6	18.0
Annual Household Income				
Less than \$35,000 per Year	37	32.9	17.7	48.1
\$35,000 or Higher per Year	14	10.1	3.5	16.6

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**

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Sumner County	56	17.4	11.6	23.1
Gender				
Men	13	12.0	4.5	19.5
Women	43	22.2	13.7	30.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	23	23.7	13.7	33.8
65 Years and Older	31	36.3	24.4	48.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	56	18.3	12.3	24.3
Race				
White	54	18.1	12.1	24.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	35	23.6	13.4	33.7
Some College or College Graduate	21	11.6	5.4	17.7
Annual Household Income				
Less than \$35,000 per Year	34	28.8	15.1	42.6
\$35,000 or Higher per Year	13	9.1	2.8	15.4

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Sumner County	164	82.6	74.9	90.2
Gender				
Men	56	83.5	70.0	97.0
Women	108	81.8	73.2	90.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	76	88.4	80.4	96.4
65 Years and Older	58	82.8	73.5	92.0
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	159	84.5	77.7	91.3
Race				
White	160	84.9	78.2	91.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	77	83.4	73.9	92.8
Some College or College Graduate	87	81.7	69.8	93.7
Annual Household Income				
Less than \$35,000 per Year	65	85.7	74.3	97.1
\$35,000 or Higher per Year	77	80.5	69.5	91.5
Disability				
Living with a Disability	51	82.2	67.6	96.8
Living without a Disability	113	82.6	73.9	91.4

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Sumner County	92	51.0	41.0	61.0
Gender				
Men	33	52.2	36.9	67.5
Women	59	50.0	36.8	63.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	47	57.4	45.3	69.5
65 Years and Older	27	38.9	26.2	51.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	88	49.7	39.4	60.0
Race				
White	88	49.2	38.8	59.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	40	45.8	29.8	61.8
Some College or College Graduate	52	56.1	43.4	68.9
Annual Household Income				
Less than \$35,000 per Year	32	53.9	35.0	72.9
\$35,000 or Higher per Year	50	52.3	39.3	65.3
Disability				
Living with a Disability	20	37.6	21.6	53.6
Living without a Disability	72	54.4	42.6	66.1

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Sumner County	38	17.9	8.1	27.7
Gender				
Men	11	13.8	3.0	24.6
Women	27	21.8	6.3	37.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	13.0	4.6	21.5
65 Years and Older	23	28.9	17.6	40.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	38	18.9	8.6	29.1
Race				
White	37	18.9	8.5	29.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	20	20.5	3.9	37.1
Some College or College Graduate	18	15.4	5.2	25.5
Annual Household Income				
Less than \$35,000 per Year	23	32.3	10.3	54.3
\$35,000 or Higher per Year	10	9.9	1.2	18.7
Disability				
Living with a Disability	27	37.9	23.3	52.5
Living without a Disability	11	13.6	1.4	25.8

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Sumner County	14	10.8	1.3	20.4
Gender				
Men	6	8.6	0.8	16.3
Women	8	12.9	0.0	29.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	14.2	5.8	22.5
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	14	11.4	1.4	21.4
Race				
White	13	10.8	0.8	20.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	8	16.0	0.0	33.3
Some College or College Graduate	6	5.8	0.0	12.2
Annual Household Income				
Less than \$35,000 per Year	7	20.5	0.0	44.5
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	10	11.7	0.0	23.4

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Sumner County	11	8.9	0.0	18.0
Gender				
Men	*	*	*	*
Women	7	12.7	0.0	29.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	8	9.8	2.5	17.2
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	11	9.4	0.0	19.0
Race				
White	11	9.4	0.0	19.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	15.7	0.0	32.8
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	6	20.2	0.0	44.4
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	9	10.3	0.0	21.7

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Sumner County	19	13.5	3.8	23.1
Gender				
Men	5	7.4	0.0	15.1
Women	14	19.1	2.8	35.4
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	12.1	5.0	19.1
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	19	14.2	4.0	24.3
Race				
White	18	13.6	3.5	23.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	18.8	1.4	36.2
Some College or College Graduate	10	8.2	1.4	15.1
Annual Household Income				
Less than \$35,000 per Year	12	27.1	3.9	50.2
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	5	6.1	0.4	11.7
Living without a Disability	14	15.5	3.6	27.4

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Sumner County	24	15.3	5.9	24.8
Gender				
Men	6	10.2	2.0	18.3
Women	18	20.2	4.2	36.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	13	14.2	5.6	22.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	24	16.1	6.3	26.0
Race				
White	23	15.6	5.7	25.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	11	19.6	2.4	36.9
Some College or College Graduate	13	11.2	4.0	18.3
Annual Household Income				
Less than \$35,000 per Year	12	26.4	3.1	49.6
\$35,000 or Higher per Year	7	7.9	1.7	14.1
Disability				
Living with a Disability	12	22.2	8.8	35.7
Living without a Disability	12	14.1	2.6	25.6

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Sumner County	15	5.2	2.0	8.5
Gender				
Men	5	5.3	0.0	10.5
Women	10	5.2	1.3	9.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	12	14.9	6.2	23.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	15	5.5	2.1	8.9
Race				
White	14	5.4	2.0	8.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	5.1	1.1	9.2
Some College or College Graduate	6	5.3	0.3	10.3
Annual Household Income				
Less than \$35,000 per Year	7	5.8	0.7	10.8
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	8	9.3	2.5	16.1
Living without a Disability	7	4.4	0.6	8.1

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Sumner County	70	41.0	31.2	50.9
Gender				
Men	21	46.9	30.3	63.5
Women	49	36.5	25.3	47.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	31	42.9	29.7	56.1
65 Years and Older	34	50.2	36.9	63.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	69	41.8	31.7	51.8
Race				
White	69	43.2	33.1	53.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	34	40.1	26.8	53.4
Some College or College Graduate	36	41.9	27.9	55.9
Annual Household Income				
Less than \$35,000 per Year	32	47.7	31.7	63.7
\$35,000 or Higher per Year	27	35.8	22.0	49.7
Disability				
Living with a Disability	27	54.6	38.6	70.6
Living without a Disability	43	36.6	24.8	48.3

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Sumner County	91	36.2	27.2	45.1
Gender				
Men	26	30.6	17.4	43.9
Women	65	41.3	29.0	53.6
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	34	39.3	27.5	51.0
65 Years and Older	48	62.7	49.9	75.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	90	37.5	28.2	46.7
Race				
White	88	37.3	28.1	46.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	52	40.2	26.6	53.9
Some College or College Graduate	39	32.2	20.6	43.8
Annual Household Income				
Less than \$35,000 per Year	37	33.1	17.9	48.3
\$35,000 or Higher per Year	41	37.0	24.7	49.3
Disability				
Living with a Disability	41	67.1	52.5	81.7
Living without a Disability	50	29.6	19.7	39.6

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**

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Sumner County	119	69.5	61.4	77.6
Gender				
Men	42	76.5	65.7	87.2
Women	77	63.2	51.6	74.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	59	67.7	56.2	79.2
65 Years and Older	28	40.8	27.9	53.6
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	112	67.9	59.5	76.3
Race				
White	115	68.7	60.3	77.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	55	65.1	52.0	78.2
Some College or College Graduate	64	73.6	63.7	83.5
Annual Household Income				
Less than \$35,000 per Year	40	65.8	50.3	81.3
\$35,000 or Higher per Year	62	71.0	60.1	81.8
Disability				
Living with a Disability	23	36.2	22.1	50.4
Living without a Disability	96	77.4	69.3	85.6

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Sumner County	56	23.1	15.1	31.1
Gender				
Men	17	24.1	11.0	37.2
Women	39	22.1	12.9	31.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	24	28.2	16.9	39.5
65 Years and Older	27	32.8	21.0	44.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	55	24.0	15.7	32.3
Race				
White	54	24.2	15.8	32.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	32	29.6	17.0	42.1
Some College or College Graduate	24	16.8	6.7	26.9
Annual Household Income				
Less than \$35,000 per Year	29	29.6	14.2	45.0
\$35,000 or Higher per Year	20	19.5	8.8	30.2
Disability				
Living with a Disability	31	60.6	46.4	74.8
Living without a Disability	24	12.4	5.0	19.7

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Sumner County	105	47.6	37.5	57.7
Gender				
Men	29	46.4	30.8	62.0
Women	76	48.6	35.4	61.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	45	48.9	36.7	61.2
65 Years and Older	46	63.1	50.1	76.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	103	46.7	36.6	56.7
Race				
White	100	45.6	35.6	55.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	48	39.6	25.7	53.4
Some College or College Graduate	57	55.5	42.4	68.6
Annual Household Income				
Less than \$35,000 per Year	42	44.3	25.4	63.3
\$35,000 or Higher per Year	50	47.5	34.5	60.5
Disability				
Living with a Disability	40	71.5	57.8	85.2
Living without a Disability	65	41.6	30.1	53.2

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Sumner County	105	47.6	37.5	57.7
Gender				
Men	29	46.4	30.8	62.0
Women	76	48.6	35.4	61.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	45	48.9	36.7	61.2
65 Years and Older	46	63.1	50.1	76.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	103	46.7	36.6	56.7
Race				
White	100	45.6	35.6	55.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	48	39.6	25.7	53.4
Some College or College Graduate	57	55.5	42.4	68.6
Annual Household Income				
Less than \$35,000 per Year	42	44.3	25.4	63.3
\$35,000 or Higher per Year	50	47.5	34.5	60.5
Disability				
Living with a Disability	40	71.5	57.8	85.2
Living without a Disability	65	41.6	30.1	53.2

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Sumner County	156	71.7	60.9	82.4
Gender				
Men	45	68.1	53.2	83.0
Women	111	74.7	58.8	90.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	67	75.8	64.7	86.8
65 Years and Older	62	85.5	75.7	95.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	151	70.5	59.4	81.6
Race				
White	150	70.5	59.3	81.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	77	63.1	45.5	80.8
Some College or College Graduate	79	80.0	70.2	89.8
Annual Household Income				
Less than \$35,000 per Year	66	72.0	47.3	96.7
\$35,000 or Higher per Year	73	71.7	59.5	84.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	100	65.6	52.9	78.2

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**

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Sumner County	44	22.7	14.9	30.5
Gender				
Men	16	25.1	12.2	38.1
Women	28	20.4	11.2	29.6
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	26	33.9	21.9	45.9
65 Years and Older	10	16.3	6.1	26.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	43	23.3	15.2	31.3
Race				
White	42	23.1	15.0	31.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	24	24.8	13.4	36.2
Some College or College Graduate	20	20.7	9.7	31.7
Annual Household Income				
Less than \$35,000 per Year	13	14.3	4.7	24.0
\$35,000 or Higher per Year	24	25.0	13.6	36.5
Disability				
Living with a Disability	22	45.0	29.2	60.9
Living without a Disability	22	17.9	9.3	26.5

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Sumner County	40	25.2	15.2	35.3
Gender				
Men	14	20.5	9.1	31.9
Women	26	29.7	14.2	45.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	17	20.3	9.7	30.9
65 Years and Older	10	13.0	4.7	21.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	39	26.3	15.9	36.7
Race				
White	37	24.5	14.0	34.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	20	30.5	13.7	47.3
Some College or College Graduate	20	20.1	9.7	30.6
Annual Household Income				
Less than \$35,000 per Year	19	38.2	16.5	59.8
\$35,000 or Higher per Year	18	21.2	10.7	31.8
Disability				
Living with a Disability	10	15.5	3.7	27.2
Living without a Disability	30	28.1	16.1	40.2

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Sumner County	11	9.3	2.8	15.9
Gender				
Men	10	18.2	5.6	30.7
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	12.7	3.6	21.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	10	9.5	2.7	16.4
Race				
White	10	9.2	2.5	16.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	9.8	0.0	20.1
Some College or College Graduate	5	8.8	0.7	17.0
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	7	11.5	1.7	21.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	10	11.4	3.3	19.5

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**

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Sumner County	26	14.3	7.8	20.8
Gender				
Men	22	24.4	12.4	36.5
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	16.1	6.5	25.8
65 Years and Older	12	23.4	11.3	35.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	23	11.7	6.4	16.9
Race				
White	25	12.6	7.2	18.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	16	14.9	6.6	23.2
Some College or College Graduate	10	13.7	3.5	24.0
Annual Household Income				
Less than \$35,000 per Year	9	12.5	3.0	22.1
\$35,000 or Higher per Year	14	15.9	6.0	25.7
Disability				
Living with a Disability	11	27.2	12.2	42.2
Living without a Disability	15	11.6	4.3	18.9

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Sumner County	65	34.6	25.2	44.1
Gender				
Men	22	36.5	21.5	51.4
Women	43	32.9	21.3	44.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	33	39.4	27.3	51.6
65 Years and Older	19	29.9	17.7	42.1
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	62	33.0	23.7	42.2
Race				
White	62	32.2	23.1	41.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	27	24.4	13.4	35.4
Some College or College Graduate	38	44.7	31.0	58.3
Annual Household Income				
Less than \$35,000 per Year	20	18.1	7.8	28.5
\$35,000 or Higher per Year	38	44.1	30.8	57.4
Disability				
Living with a Disability	25	52.3	36.8	67.9
Living without a Disability	40	31.3	20.4	42.2

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

Sumner County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Sumner County	132	72.1	63.4	80.7
Gender				
Men	49	74.2	60.1	88.2
Women	83	70.0	59.6	80.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	59	71.3	60.5	82.0
65 Years and Older	49	75.2	64.9	85.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	126	70.6	61.6	79.7
Race				
White	128	71.3	62.4	80.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	65	68.3	54.3	82.3
Some College or College Graduate	67	75.8	65.8	85.7
Annual Household Income				
Less than \$35,000 per Year	52	73.1	58.1	88.2
\$35,000 or Higher per Year	70	76.4	65.0	87.8
Disability				
Living with a Disability	40	74.5	62.4	86.6
Living without a Disability	92	73.3	63.4	83.2

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