

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

Atchison 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

State of Kansas
Mark Parkinson, Governor

Jason Eberhart-Phillips, MD, MPH
State Health Officer and Director, Division of Health, KDHE

Report Preparation:

Pratik Pandya, MPH
Epidemiologist
Bureau of Health Promotion (BHP)

Erik Cook-Wiens, MPH
Epidemiologist
Bureau of Health Promotion (BHP)

Report Supervision:

Ghazala Perveen, MBBS, PhD, MPH
Director of Science and Surveillance/Health Officer II
Bureau of Health Promotion (BHP)

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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.

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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.

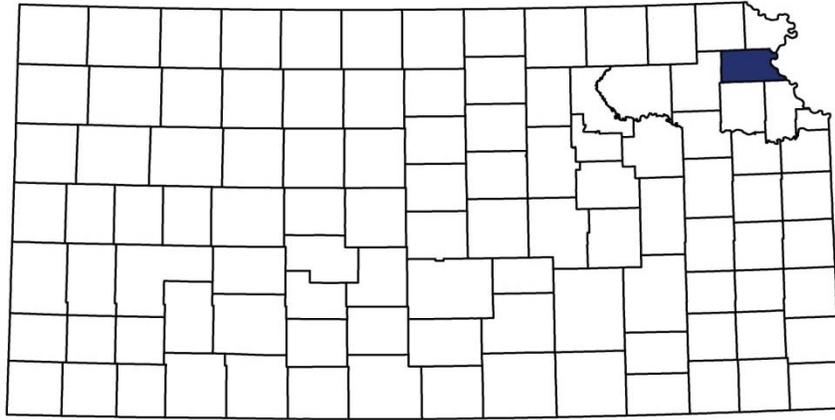
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and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

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



Atchison 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:

Pratik Pandya, MPH
Epidemiologist
Kansas Department of Health and Environment
Bureau of Health Promotion
Curtis State Office Building,
1000 SW Jackson Street, Suite 230
Topeka, KS 66612
Telephone: 785-296-6513
Fax: 785-296-8059
ppandya@kdheks.gov

Dr. Ghazala Perveen
Director of Science and Surveillance/Health Officer II
Bureau of Health Promotion
Kansas Department of Health & Environment
Curtis State Office Building
1000 SW Jackson, Suite 230
Topeka, KS 66612-1274
Telephone: 785-296-8039
Fax: 785-296-8059
gperveen@kdheks.gov



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Percentage of Adults Who Are Binge Drinkers, 2009

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Atchison County	21	21.9	11.1	32.7
Gender				
Men	*	*	*	*
Women	10	13.6	4.5	22.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	13	23.2	11.1	35.3
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	19	18.3	8.4	28.3
Race				
White	20	22.1	10.8	33.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	21.4	4.6	38.2
Some College or College Graduate	14	22.3	8.3	36.2
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	18	30.2	15.1	45.4
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	18	24.4	11.5	37.2

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Atchison County	8	15.6	3.4	27.7
Gender				
Men	*	*	*	*
Women	6	17.6	0.3	34.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	7	14.9	2.4	27.5
Race				
White	7	15.3	2.5	28.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	6	22.8	3.3	42.3
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	7	22.2	5.2	39.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	7	18.8	4.1	33.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Atchison County	36	19.4	11.7	27.2
Gender				
Men	*	*	*	*
Women	24	20.6	11.4	29.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	17	23.1	12.4	33.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	36	20.4	12.4	28.4
Race				
White	34	20.0	11.9	28.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	21	28.6	14.8	42.3
Some College or College Graduate	15	11.4	4.5	18.3
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	15	12.9	4.6	21.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	17	9.2	4.2	14.3

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Atchison 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 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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Atchison County	13	7.8	2.7	12.9
Gender				
Men	*	*	*	*
Women	7	6.1	1.7	10.4
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	8	13.2	4.8	21.6
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	13	8.2	2.9	13.5
Race				
White	13	8.4	3.0	13.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	6	10.5	0.7	20.2
Some College or College Graduate	7	5.5	1.4	9.6
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	9	8.9	1.8	16.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	5	3.1	0.1	6.1

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Atchison County	38	21.1	12.8	29.4
Gender				
Men	10	16.7	3.0	30.4
Women	28	25.1	15.0	35.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	22	30.3	18.7	42.0
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	38	22.2	13.5	30.8
Race				
White	36	21.8	13.0	30.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	16	16.9	7.9	25.9
Some College or College Graduate	22	25.1	11.5	38.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	22	20.2	9.2	31.2
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	30	22.5	12.5	32.6

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Atchison County	5	6.2	0.1	12.3
Gender				
Men	*	*	*	*
Women	5	11.8	0.6	22.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	5	6.5	0.1	12.9
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 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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Atchison County	13	7.8	2.3	13.2
Gender				
Men	7	11.6	1.0	22.2
Women	6	4.3	0.6	8.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	5.7	0.5	10.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	13	8.2	2.5	13.9
Race				
White	13	8.4	2.5	14.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	13.4	2.9	24.0
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	5	5.5	0.0	11.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Atchison County	34	20.2	12.1	28.3
Gender				
Men	13	21.5	7.8	35.2
Women	21	19.1	9.9	28.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	14	17.5	8.6	26.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	34	21.2	12.8	29.6
Race				
White	32	20.8	12.3	29.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	22	32.2	17.7	46.7
Some College or College Graduate	12	9.0	3.3	14.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	11	11.3	3.2	19.4

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**

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Atchison County	33	19.9	11.8	28.0
Gender				
Men	13	21.5	7.8	35.2
Women	20	18.5	9.4	27.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	14	17.5	8.6	26.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	33	20.9	12.5	29.3
Race				
White	31	20.5	11.9	29.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	21	31.5	17.1	46.0
Some College or College Graduate	12	9.0	3.3	14.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	11	11.3	3.2	19.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Atchison County	115	90.9	85.7	96.1
Gender				
Men	*	*	*	*
Women	66	84.9	75.9	93.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	56	88.9	81.1	96.6
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	113	90.7	85.2	96.1
Race				
White	110	91.1	85.7	96.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	57	86.8	77.7	95.9
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	67	93.4	87.5	99.4
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	84	90.3	84.1	96.6

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Atchison County	61	52.4	40.4	64.4
Gender				
Men	*	*	*	*
Women	34	47.1	31.4	62.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	32	54.6	41.4	67.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	59	50.2	38.0	62.5
Race				
White	58	52.6	40.3	64.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	29	53.8	37.6	70.0
Some College or College Graduate	32	51.2	33.7	68.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	37	57.0	41.4	72.7
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	47	53.3	39.1	67.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Atchison County	19	11.9	5.2	18.6
Gender				
Men	14	20.5	7.1	33.8
Women	5	4.3	0.3	8.4
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	8	7.8	1.9	13.6
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	19	12.5	5.5	19.4
Race				
White	19	12.8	5.6	20.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	15	23.1	10.1	36.2
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	7	8.8	1.0	16.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Atchison County	14	16.7	5.5	28.0
Gender				
Men	7	15.0	1.0	29.0
Women	7	18.3	1.2	35.4
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	6.3	0.7	11.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	13	14.4	3.7	25.0
Race				
White	13	17.3	5.4	29.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	8	16.8	2.9	30.8
Some College or College Graduate	6	16.7	0.0	34.1
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	7	14.6	1.3	28.0

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Atchison County	6	4.6	0.4	8.8
Gender				
Men	*	*	*	*
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	5	4.6	0.2	9.0
Race				
White	5	4.7	0.2	9.2
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 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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Atchison County	12	9.0	2.5	15.5
Gender				
Men	*	*	*	*
Women	9	11.9	1.6	22.2
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	8.6	2.0	15.1
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	11	9.2	2.4	16.0
Race				
White	9	6.5	1.6	11.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	12.9	1.2	24.7
Some College or College Graduate	5	5.3	0.0	10.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	7	7.4	0.3	14.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Atchison County	7	4.6	0.8	8.4
Gender				
Men	*	*	*	*
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	7	4.8	0.8	8.8
Race				
White	7	4.8	0.8	8.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	5	7.0	0.2	13.8
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	5	5.1	0.4	9.8

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Atchison County	9	5.4	1.1	9.6
Gender				
Men	6	8.4	0.3	16.5
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	5.0	0.4	9.6
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	9	5.6	1.2	10.1
Race				
White	9	5.6	1.2	10.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	5	9.1	0.6	17.5
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 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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Atchison County	46	31.1	21.1	41.1
Gender				
Men	*	*	*	*
Women	32	35.4	23.1	47.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	23	34.9	21.8	47.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	46	31.8	21.6	42.0
Race				
White	44	32.2	21.8	42.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	26	40.0	23.6	56.4
Some College or College Graduate	20	22.2	11.7	32.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	20	24.8	12.3	37.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	27	23.8	13.7	33.8

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Atchison County	48	28.4	18.6	38.1
Gender				
Men	19	29.3	13.1	45.5
Women	29	27.6	16.3	38.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	20	26.9	15.4	38.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	48	29.7	19.6	39.8
Race				
White	48	30.5	20.1	41.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	27	32.7	18.8	46.6
Some College or College Graduate	21	24.3	10.6	38.1
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	23	25.2	12.6	37.9
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	27	20.6	10.7	30.5

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**

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Atchison County	68	55.6	43.7	67.6
Gender				
Men	28	54.1	35.0	73.2
Women	40	57.0	42.3	71.7
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	37	61.1	48.5	73.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	65	53.5	41.3	65.7
Race				
White	63	55.2	42.8	67.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	30	50.3	33.8	66.8
Some College or College Graduate	38	60.6	44.0	77.2
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	45	60.1	44.4	75.9
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	55	56.5	42.3	70.6

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Atchison County	45	33.4	22.2	44.5
Gender				
Men	19	35.2	17.1	53.3
Women	26	31.8	18.2	45.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	21	33.0	21.3	44.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	44	31.8	21.0	42.5
Race				
White	43	33.0	21.7	44.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	29	50.0	33.1	66.8
Some College or College Graduate	16	18.3	7.8	28.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	19	25.0	11.3	38.7
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	28	29.0	16.2	41.8

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Atchison County	71	54.0	41.4	66.6
Gender				
Men	*	*	*	*
Women	45	54.7	38.6	70.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	52.3	38.5	66.1
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	70	56.6	43.9	69.3
Race				
White	68	55.1	42.1	68.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	34	56.8	39.6	74.0
Some College or College Graduate	37	51.7	33.7	69.6
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	36	48.0	31.6	64.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	51	48.8	34.2	63.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Atchison County	71	54.0	41.4	66.6
Gender				
Men	*	*	*	*
Women	45	54.7	38.6	70.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	52.3	38.5	66.1
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	70	56.6	43.9	69.3
Race				
White	68	55.1	42.1	68.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	34	56.8	39.6	74.0
Some College or College Graduate	37	51.7	33.7	69.6
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	36	48.0	31.6	64.3
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	51	48.8	34.2	63.4

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Atchison County	108	74.8	62.2	87.5
Gender				
Men	*	*	*	*
Women	68	73.7	56.4	91.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	56	84.1	72.6	95.6
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	106	75.0	62.0	88.1
Race				
White	104	77.3	64.2	90.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	52	81.3	66.5	96.1
Some College or College Graduate	56	69.4	50.4	88.4
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	58	70.1	53.0	87.1
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	77	70.1	54.8	85.4

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**

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Atchison County	30	29.0	17.5	40.5
Gender				
Men	15	36.2	17.2	55.2
Women	15	22.4	9.8	35.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	15	26.8	14.1	39.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	30	30.4	18.5	42.2
Race				
White	28	27.8	16.2	39.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	15	32.1	15.6	48.6
Some College or College Graduate	15	26.1	10.2	42.0
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	18	28.7	13.7	43.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	19	27.2	13.8	40.6

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Atchison County	19	22.6	10.1	35.2
Gender				
Men	10	27.5	8.7	46.4
Women	9	18.2	1.3	35.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	15.7	6.5	24.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	18	20.5	8.2	32.9
Race				
White	19	24.3	11.1	37.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	27.2	9.2	45.2
Some College or College Graduate	10	18.3	1.0	35.7
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	13	28.0	10.9	45.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	14	24.6	9.5	39.6

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Atchison County	10	11.4	2.6	20.2
Gender				
Men	8	22.3	5.1	39.4
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	5	10.7	0.7	20.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	9	8.8	1.4	16.1
Race				
White	10	12.3	2.9	21.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	15.9	2.2	29.5
Some College or College Graduate	*	*	*	*
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	9	16.3	3.7	29.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	6	10.9	0.4	21.4

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**

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Atchison County	19	11.0	5.2	16.8
Gender				
Men	16	18.2	7.3	29.1
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	9	10.2	3.0	17.4
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	19	11.5	5.4	17.6
Race				
White	19	11.8	5.6	18.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	9	15.3	4.9	25.8
Some College or College Graduate	10	6.9	1.8	12.0
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	10	7.4	1.9	13.0
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	10	6.1	1.9	10.2

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Atchison County	43	33.0	21.8	44.1
Gender				
Men	19	36.1	17.9	54.2
Women	24	30.0	17.1	42.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	21	32.4	20.0	44.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	41	31.1	20.3	41.8
Race				
White	40	33.4	21.9	45.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	23	41.6	25.0	58.2
Some College or College Graduate	20	25.3	11.3	39.4
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	26	32.2	17.7	46.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	28	26.9	14.7	39.2

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

Atchison County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Atchison County	100	81.4	73.2	89.6
Gender				
Men	44	88.9	79.5	98.4
Women	56	74.1	61.4	86.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	50	76.5	64.2	88.7
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	98	81.9	73.8	90.1
Race				
White	96	84.1	76.9	91.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	49	83.9	73.4	94.4
Some College or College Graduate	51	79.2	66.9	91.5
Annual Household Income				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	55	81.8	72.0	91.6
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	73	80.4	70.8	90.0

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