

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

Northwest BT Region



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.

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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.

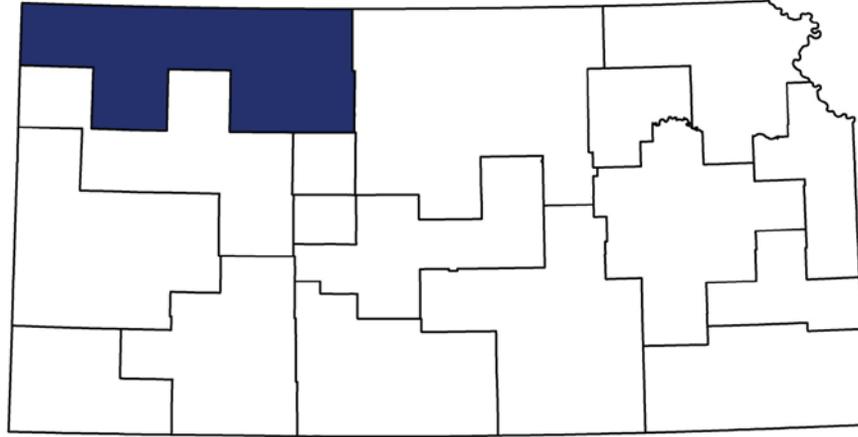
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and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

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



The Northwest BT Region comprises the following counties:
Cheyenne, Decatur, Graham, Norton, Phillips, Rawlins, Rooks, Thomas

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Northwest BT Region County	21	13.2	7.0	19.3
Gender				
Men	13	20.9	9.7	32.2
Women	8	5.8	1.5	10.0
Age				
18 to 44 Years	9	19.3	6.7	31.8
45 to 64 Years	11	16.3	6.7	25.9
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	20	12.5	6.2	18.8
Race				
White	20	13.3	6.9	19.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	11.8	2.2	21.3
Some College or College Graduate	14	14.1	5.6	22.5
Annual Household Income				
Less than \$35,000 per Year	10	16.4	4.7	28.1
\$35,000 or Higher per Year	11	13.1	4.6	21.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	18	14.9	7.4	22.4

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Northwest BT Region 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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Northwest BT Region County	93	25.1	19.3	30.9
Gender				
Men	39	23.5	14.5	32.5
Women	54	26.6	19.2	34.0
Age				
18 to 44 Years	9	12.0	3.5	20.5
45 to 64 Years	26	24.7	15.2	34.1
65 Years and Older	58	45.8	36.3	55.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	92	25.3	19.3	31.2
Race				
White	89	25.5	19.4	31.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	44	28.2	18.0	38.5
Some College or College Graduate	49	23.2	16.0	30.3
Annual Household Income				
Less than \$35,000 per Year	45	27.1	17.7	36.5
\$35,000 or Higher per Year	34	22.6	14.3	30.9
Disability				
Living with a Disability	48	55.4	42.4	68.5
Living without a Disability	43	16.1	10.6	21.7

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Northwest BT Region County	41	41.0	29.5	52.5
Gender				
Men	*	*	*	*
Women	27	47.1	32.1	62.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	25	42.8	29.0	56.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	41	41.6	30.0	53.2
Race				
White	39	40.4	28.6	52.1
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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Northwest BT Region County	47	11.4	7.7	15.0
Gender				
Men	20	8.5	4.2	12.9
Women	27	14.2	8.4	19.9
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	9.8	4.0	15.5
65 Years and Older	33	27.2	18.5	35.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	46	11.3	7.6	15.0
Race				
White	43	11.0	7.3	14.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	18	10.3	4.9	15.6
Some College or College Graduate	29	12.1	7.1	17.0
Annual Household Income				
Less than \$35,000 per Year	21	11.8	5.8	17.8
\$35,000 or Higher per Year	18	9.4	4.7	14.0
Disability				
Living with a Disability	19	21.6	11.3	31.9
Living without a Disability	28	8.5	5.1	12.0

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Northwest BT Region County	79	30.9	23.4	38.4
Gender				
Men	28	31.8	19.1	44.4
Women	51	30.1	21.9	38.2
Age				
18 to 44 Years	17	31.3	16.5	46.2
45 to 64 Years	37	40.9	29.5	52.2
65 Years and Older	25	19.6	12.0	27.1
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	79	31.5	23.9	39.2
Race				
White	76	31.6	23.9	39.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	26	26.0	14.7	37.2
Some College or College Graduate	53	33.9	24.1	43.8
Annual Household Income				
Less than \$35,000 per Year	35	32.5	19.7	45.3
\$35,000 or Higher per Year	36	31.3	21.0	41.5
Disability				
Living with a Disability	22	28.4	16.8	39.9
Living without a Disability	57	31.8	22.7	40.8

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Northwest BT Region County	23	8.3	4.0	12.5
Gender				
Men	6	3.8	0.7	6.9
Women	17	12.6	5.1	20.1
Age				
18 to 44 Years	7	10.6	1.5	19.8
45 to 64 Years	9	7.2	2.3	12.2
65 Years and Older	7	5.8	2.0	9.6
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	22	8.1	3.8	12.4
Race				
White	19	7.4	3.0	11.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	8.2	0.0	17.1
Some College or College Graduate	16	8.3	4.0	12.6
Annual Household Income				
Less than \$35,000 per Year	14	14.2	4.8	23.6
\$35,000 or Higher per Year	8	4.8	1.0	8.6
Disability				
Living with a Disability	9	11.8	4.2	19.4
Living without a Disability	14	7.3	2.2	12.4

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Northwest BT Region County	36	8.8	5.6	11.9
Gender				
Men	19	9.3	4.6	14.0
Women	17	8.2	3.9	12.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	15	13.0	6.2	19.8
65 Years and Older	20	15.3	8.6	21.9
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	34	8.3	5.2	11.5
Race				
White	32	7.7	4.7	10.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	18	10.2	4.7	15.8
Some College or College Graduate	18	7.8	4.0	11.7
Annual Household Income				
Less than \$35,000 per Year	19	11.2	5.3	17.1
\$35,000 or Higher per Year	15	8.0	3.7	12.2
Disability				
Living with a Disability	18	19.0	9.9	28.0
Living without a Disability	18	5.9	2.8	8.9

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Northwest BT Region County	81	22.3	16.7	27.9
Gender				
Men	31	19.8	11.5	28.1
Women	50	24.7	17.4	32.1
Age				
18 to 44 Years	8	11.1	3.2	18.9
45 to 64 Years	23	23.5	13.6	33.4
65 Years and Older	50	38.1	29.1	47.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	81	22.8	17.1	28.5
Race				
White	76	22.1	16.3	27.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	36	22.4	13.4	31.5
Some College or College Graduate	45	22.2	15.1	29.4
Annual Household Income				
Less than \$35,000 per Year	42	27.5	17.7	37.2
\$35,000 or Higher per Year	26	17.7	10.2	25.2

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**

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Northwest BT Region County	73	20.1	14.8	25.4
Gender				
Men	29	17.7	9.9	25.4
Women	44	22.4	15.3	29.6
Age				
18 to 44 Years	8	11.1	3.2	18.9
45 to 64 Years	20	19.4	10.3	28.5
65 Years and Older	45	34.7	25.8	43.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	73	20.5	15.1	26.0
Race				
White	68	19.8	14.2	25.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	35	21.9	13.0	30.8
Some College or College Graduate	38	19.0	12.3	25.7
Annual Household Income				
Less than \$35,000 per Year	39	25.7	16.2	35.1
\$35,000 or Higher per Year	23	15.5	8.4	22.5

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Northwest BT Region County	214	81.5	75.6	87.5
Gender				
Men	88	84.0	74.6	93.3
Women	126	79.2	71.8	86.5
Age				
18 to 44 Years	41	82.9	71.5	94.4
45 to 64 Years	72	79.0	69.9	88.1
65 Years and Older	101	82.2	75.0	89.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	210	81.3	75.2	87.3
Race				
White	204	81.6	75.4	87.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	94	89.4	83.1	95.8
Some College or College Graduate	120	76.8	68.3	85.3
Annual Household Income				
Less than \$35,000 per Year	98	88.3	82.4	94.3
\$35,000 or Higher per Year	83	75.8	65.9	85.6
Disability				
Living with a Disability	65	82.7	72.5	92.9
Living without a Disability	148	81.3	74.2	88.4

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Northwest BT Region County	79	34.6	26.7	42.6
Gender				
Men	38	44.8	31.7	58.0
Women	41	24.7	16.9	32.4
Age				
18 to 44 Years	18	39.7	24.0	55.5
45 to 64 Years	35	37.7	26.3	49.0
65 Years and Older	26	23.3	14.8	31.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	78	34.4	26.2	42.5
Race				
White	75	34.4	26.2	42.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	27	28.8	16.7	40.9
Some College or College Graduate	52	38.2	27.7	48.6
Annual Household Income				
Less than \$35,000 per Year	36	34.6	21.4	47.9
\$35,000 or Higher per Year	37	36.8	25.6	48.1
Disability				
Living with a Disability	22	32.1	19.4	44.8
Living without a Disability	57	35.5	26.0	45.1

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Northwest BT Region County	44	14.0	8.3	19.7
Gender				
Men	21	12.9	4.6	21.3
Women	23	15.1	7.4	22.8
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	11.9	4.9	18.9
65 Years and Older	28	20.8	13.4	28.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	42	13.9	8.1	19.6
Race				
White	41	14.0	8.1	20.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	25	18.1	8.4	27.9
Some College or College Graduate	19	11.5	4.5	18.5
Annual Household Income				
Less than \$35,000 per Year	25	24.4	12.0	36.8
\$35,000 or Higher per Year	12	6.4	2.4	10.4
Disability				
Living with a Disability	30	34.3	22.5	46.1
Living without a Disability	13	8.0	1.5	14.4

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Northwest BT Region County	21	8.1	3.4	12.9
Gender				
Men	8	7.5	0.0	15.5
Women	13	8.8	3.8	13.9
Age				
18 to 44 Years	8	11.3	1.5	21.1
45 to 64 Years	11	10.5	3.2	17.8
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	21	8.3	3.5	13.1
Race				
White	18	7.6	2.8	12.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	6.5	0.5	12.6
Some College or College Graduate	14	9.1	2.5	15.8
Annual Household Income				
Less than \$35,000 per Year	17	13.6	6.1	21.1
\$35,000 or Higher per Year	*	*	*	*
Disability				
Living with a Disability	7	10.8	1.5	20.0
Living without a Disability	14	7.4	2.0	12.9

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Northwest BT Region County	27	16.7	9.6	23.9
Gender				
Men	15	24.0	11.7	36.2
Women	12	9.8	2.6	16.9
Age				
18 to 44 Years	7	22.6	7.6	37.5
45 to 64 Years	15	19.7	10.2	29.2
65 Years and Older	5	4.8	1.5	8.0
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	26	16.7	9.4	24.1
Race				
White	23	14.9	7.7	22.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	12.8	2.0	23.7
Some College or College Graduate	20	19.1	9.7	28.6
Annual Household Income				
Less than \$35,000 per Year	10	15.8	3.7	28.0
\$35,000 or Higher per Year	15	19.2	9.3	29.1
Disability				
Living with a Disability	7	12.3	3.7	21.0
Living without a Disability	20	18.1	9.2	27.0

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Northwest BT Region County	23	10.8	5.5	16.1
Gender				
Men	7	10.5	1.5	19.5
Women	16	11.1	5.5	16.8
Age				
18 to 44 Years	10	17.0	5.2	28.7
45 to 64 Years	10	9.8	3.4	16.2
65 Years and Older	*	*	*	*
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	23	11.1	5.7	16.5
Race				
White	20	10.1	4.6	15.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	7	8.5	0.7	16.2
Some College or College Graduate	16	12.2	5.1	19.4
Annual Household Income				
Less than \$35,000 per Year	17	15.9	8.1	23.7
\$35,000 or Higher per Year	6	9.1	0.7	17.5
Disability				
Living with a Disability	9	13.5	5.2	21.8
Living without a Disability	14	10.1	3.7	16.5

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Northwest BT Region County	22	8.9	4.4	13.5
Gender				
Men	6	6.6	0.0	13.2
Women	16	11.2	5.1	17.4
Age				
18 to 44 Years	7	11.3	1.7	20.8
45 to 64 Years	8	7.7	2.2	13.1
65 Years and Older	7	6.8	2.5	11.1
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	21	9.0	4.4	13.6
Race				
White	20	8.9	4.1	13.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	11	11.0	3.4	18.6
Some College or College Graduate	11	7.7	2.1	13.2
Annual Household Income				
Less than \$35,000 per Year	12	8.9	3.6	14.2
\$35,000 or Higher per Year	10	10.5	3.8	17.2
Disability				
Living with a Disability	11	16.8	7.2	26.5
Living without a Disability	11	6.7	1.7	11.8

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Northwest BT Region County	21	4.9	2.8	7.0
Gender				
Men	14	7.1	3.2	10.9
Women	7	2.8	0.6	5.0
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	16	14.0	7.8	20.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	20	4.9	2.7	7.0
Race				
White	18	4.3	2.2	6.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	11	6.1	2.1	10.0
Some College or College Graduate	10	4.2	1.7	6.6
Annual Household Income				
Less than \$35,000 per Year	12	7.1	3.1	11.1
\$35,000 or Higher per Year	5	2.6	0.2	4.9
Disability				
Living with a Disability	11	12.1	5.6	18.5
Living without a Disability	10	2.9	0.9	4.8

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Northwest BT Region County	105	41.4	33.5	49.3
Gender				
Men	47	43.8	30.2	57.4
Women	58	39.4	30.3	48.5
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	36	44.0	31.8	56.2
65 Years and Older	61	52.8	43.1	62.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	101	40.5	32.6	48.5
Race				
White	99	41.6	33.4	49.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	37	35.4	24.2	46.7
Some College or College Graduate	68	44.8	34.2	55.4
Annual Household Income				
Less than \$35,000 per Year	35	29.8	20.0	39.5
\$35,000 or Higher per Year	47	44.8	32.7	56.8
Disability				
Living with a Disability	35	46.8	33.6	60.0
Living without a Disability	69	39.2	29.6	48.8

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Northwest BT Region County	107	29.9	23.5	36.4
Gender				
Men	47	27.8	18.4	37.2
Women	60	31.9	23.2	40.7
Age				
18 to 44 Years	5	8.5	0.0	17.4
45 to 64 Years	33	36.7	25.5	47.9
65 Years and Older	69	53.9	44.6	63.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	104	29.6	23.0	36.1
Race				
White	100	29.2	22.5	35.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	46	36.6	24.4	48.8
Some College or College Graduate	61	26.0	18.8	33.2
Annual Household Income				
Less than \$35,000 per Year	52	37.3	25.4	49.1
\$35,000 or Higher per Year	35	21.7	14.0	29.5
Disability				
Living with a Disability	41	48.5	35.7	61.3
Living without a Disability	64	24.1	17.1	31.2

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient Sample

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Northwest BT Region County	129	61.0	53.6	68.4
Gender				
Men	45	64.0	52.5	75.4
Women	84	58.1	48.8	67.4
Age				
18 to 44 Years	40	79.4	66.3	92.5
45 to 64 Years	58	65.1	54.5	75.7
65 Years and Older	31	28.0	19.1	36.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	128	61.3	53.7	68.8
Race				
White	128	63.9	56.5	71.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	50	57.0	43.8	70.1
Some College or College Graduate	79	63.4	54.6	72.2
Annual Household Income				
Less than \$35,000 per Year	59	56.7	43.8	69.5
\$35,000 or Higher per Year	60	68.7	59.5	78.0
Disability				
Living with a Disability	33	54.9	42.4	67.5
Living without a Disability	96	63.0	54.3	71.7

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Northwest BT Region County	65	20.1	14.0	26.2
Gender				
Men	32	23.1	12.8	33.3
Women	33	17.2	10.6	23.8
Age				
18 to 44 Years	6	15.0	3.1	27.0
45 to 64 Years	20	17.3	9.4	25.1
65 Years and Older	39	30.9	22.4	39.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	65	20.5	14.3	26.7
Race				
White	60	19.7	13.4	26.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	32	22.7	13.3	32.2
Some College or College Graduate	33	18.5	10.4	26.5
Annual Household Income				
Less than \$35,000 per Year	33	23.9	13.2	34.5
\$35,000 or Higher per Year	22	16.7	9.3	24.1
Disability				
Living with a Disability	25	27.1	16.4	37.7
Living without a Disability	40	18.2	11.0	25.4

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Northwest BT Region County	143	52.2	43.9	60.5
Gender				
Men	52	47.7	34.2	61.3
Women	91	56.4	46.8	66.0
Age				
18 to 44 Years	27	51.9	35.9	67.9
45 to 64 Years	46	47.5	35.7	59.2
65 Years and Older	70	57.8	47.9	67.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	141	52.8	44.4	61.3
Race				
White	135	51.9	43.3	60.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	63	59.5	46.0	73.0
Some College or College Graduate	80	47.8	37.5	58.2
Annual Household Income				
Less than \$35,000 per Year	71	57.7	44.1	71.2
\$35,000 or Higher per Year	51	46.5	34.9	58.1
Disability				
Living with a Disability	47	58.8	45.6	72.1
Living without a Disability	95	50.3	40.4	60.3

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Northwest BT Region County	143	52.2	43.9	60.5
Gender				
Men	52	47.7	34.2	61.3
Women	91	56.4	46.8	66.0
Age				
18 to 44 Years	27	51.9	35.9	67.9
45 to 64 Years	46	47.5	35.7	59.2
65 Years and Older	70	57.8	47.9	67.7
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	141	52.8	44.4	61.3
Race				
White	135	51.9	43.3	60.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	63	59.5	46.0	73.0
Some College or College Graduate	80	47.8	37.5	58.2
Annual Household Income				
Less than \$35,000 per Year	71	57.7	44.1	71.2
\$35,000 or Higher per Year	51	46.5	34.9	58.1
Disability				
Living with a Disability	47	58.8	45.6	72.1
Living without a Disability	95	50.3	40.4	60.3

Numerator: Respondents reporting they did not participate in 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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Northwest BT Region County	220	79.6	72.5	86.6
Gender				
Men	80	73.4	60.9	86.0
Women	140	85.2	78.2	92.1
Age				
18 to 44 Years	40	77.2	63.2	91.2
45 to 64 Years	71	74.6	63.9	85.3
65 Years and Older	109	88.5	81.9	95.1
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	215	79.1	72.0	86.2
Race				
White	210	79.9	72.6	87.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	88	79.8	67.9	91.6
Some College or College Graduate	132	79.4	70.8	88.1
Annual Household Income				
Less than \$35,000 per Year	100	81.1	69.8	92.5
\$35,000 or Higher per Year	89	77.6	67.6	87.5
Disability				
Living with a Disability	*	*	*	*
Living without a Disability	144	75.4	66.5	84.2

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**

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Northwest BT Region County	50	21.5	14.6	28.4
Gender				
Men	13	16.7	5.7	27.7
Women	37	25.9	17.6	34.3
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	16	15.4	7.3	23.5
65 Years and Older	15	14.2	7.2	21.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	50	22.0	15.0	28.9
Race				
White	49	22.5	15.3	29.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	17	14.4	6.1	22.7
Some College or College Graduate	33	25.8	16.3	35.2
Annual Household Income				
Less than \$35,000 per Year	26	22.0	12.8	31.2
\$35,000 or Higher per Year	22	23.7	13.4	34.0
Disability				
Living with a Disability	16	26.7	14.4	39.1
Living without a Disability	33	19.9	11.9	28.0

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Northwest BT Region County	36	14.5	8.4	20.6
Gender				
Men	14	16.8	5.8	27.8
Women	22	12.3	7.0	17.6
Age				
18 to 44 Years	8	15.2	2.8	27.5
45 to 64 Years	19	20.5	11.1	29.9
65 Years and Older	9	7.2	2.1	12.2
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	35	14.7	8.5	20.8
Race				
White	33	14.3	8.0	20.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	17	16.2	6.8	25.6
Some College or College Graduate	19	13.4	5.6	21.3
Annual Household Income				
Less than \$35,000 per Year	23	22.8	11.5	34.2
\$35,000 or Higher per Year	10	9.9	2.4	17.5
Disability				
Living with a Disability	11	15.5	5.5	25.4
Living without a Disability	25	14.3	6.9	21.7

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Northwest BT Region County	21	12.3	6.2	18.4
Gender				
Men	19	24.4	12.9	35.8
Women	*	*	*	*
Age				
18 to 44 Years	5	14.5	2.4	26.7
45 to 64 Years	10	17.6	7.3	27.9
65 Years and Older	6	3.2	0.5	5.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	21	12.5	6.3	18.7
Race				
White	18	11.9	5.6	18.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	13	13.9	4.7	23.1
Some College or College Graduate	8	11.3	3.1	19.4
Annual Household Income				
Less than \$35,000 per Year	9	12.4	1.7	23.2
\$35,000 or Higher per Year	9	12.6	4.3	20.9
Disability				
Living with a Disability	8	15.0	3.5	26.5
Living without a Disability	13	11.6	4.4	18.7

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**

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Northwest BT Region County	42	13.1	7.9	18.4
Gender				
Men	40	26.2	15.8	36.5
Women	*	*	*	*
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	13	13.9	6.0	21.7
65 Years and Older	27	21.1	13.8	28.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	42	13.4	8.1	18.8
Race				
White	38	11.8	6.6	17.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	19	16.5	7.5	25.4
Some College or College Graduate	23	11.1	4.6	17.6
Annual Household Income				
Less than \$35,000 per Year	16	9.6	4.5	14.7
\$35,000 or Higher per Year	17	15.2	6.3	24.1
Disability				
Living with a Disability	13	14.3	6.8	21.7
Living without a Disability	28	12.6	6.2	19.0

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Northwest BT Region County	82	28.8	21.4	36.1
Gender				
Men	36	31.1	18.8	43.3
Women	46	26.4	18.6	34.2
Age				
18 to 44 Years	12	24.8	10.3	39.4
45 to 64 Years	32	33.8	23.0	44.6
65 Years and Older	38	29.3	20.8	37.8
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	81	29.2	21.7	36.6
Race				
White	76	28.0	20.5	35.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	38	28.7	17.1	40.3
Some College or College Graduate	44	28.8	19.4	38.1
Annual Household Income				
Less than \$35,000 per Year	43	32.4	20.5	44.4
\$35,000 or Higher per Year	29	26.8	16.5	37.0
Disability				
Living with a Disability	34	48.4	35.3	61.5
Living without a Disability	47	23.1	14.8	31.5

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

Northwest BT Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Northwest BT Region County	179	67.4	59.8	75.1
Gender				
Men	84	79.4	69.5	89.2
Women	95	55.2	45.2	65.3
Age				
18 to 44 Years	29	61.4	45.8	77.1
45 to 64 Years	70	81.1	71.7	90.4
65 Years and Older	80	62.1	52.8	71.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	176	67.2	59.4	75.0
Race				
White	169	67.2	59.2	75.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	72	61.9	48.4	75.5
Some College or College Graduate	107	70.8	62.0	79.7
Annual Household Income				
Less than \$35,000 per Year	82	69.7	57.1	82.3
\$35,000 or Higher per Year	72	65.1	54.6	75.7
Disability				
Living with a Disability	57	72.7	60.9	84.5
Living without a Disability	121	66.0	56.8	75.3

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