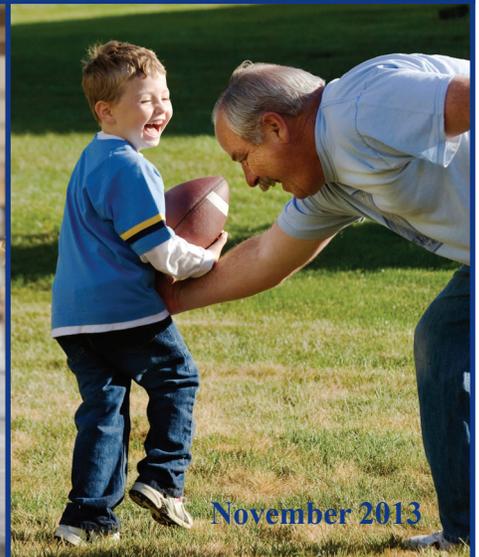


2011 Kansas Behavioral Risk Factor Surveillance System Local Data

North Central Kansas Public Health Initiative



November 2013

2011 Kansas Behavioral Risk Factor Surveillance System Local Data

State of Kansas
Sam Brownback, Governor

Kansas Department of Health and Environment
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Project Funding:

Partial funding for the 2011 Behavioral Risk Factor Survey was provided by cooperative agreement U58SO000008-03 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
November 2013

Kansas Department of Health and Environment (KDHE)

Mission

To protect and improve the health and environment of all Kansans

Vision

Healthy Kansans living in safe and sustainable environments

www.kdheks.gov

Foreword

The Behavioral Risk Factor Surveillance System (BRFSS) is the world's largest, annual population-based telephone survey system, tracking health conditions and risk behaviors in the U.S. It is coordinated by the Centers for Disease Control and Prevention (CDC) and is conducted in every state and several territories.

BRFSS allows us to perform a critical public health function of assessing population health and identifying issues critically important to public health and population health management. BRFSS provides data on a wide range of health issues including information related to access to health care, chronic and infectious diseases, clinical preventive services, environmental quality, infant and child health, injury and violence, maternal health, mental health, nutrition, physical activity, obesity, oral health, reproductive and sexual health, substance abuse and tobacco use.

Prior to 2009, the sample size for the Kansas survey was sufficient to produce state level estimates of health risk behaviors. Beginning in 2009, the Kansas BRFSS was expanded in response to demand from local health officials for local level health risk behavior data for a 10-year project. The survey now collects adequate sample data during odd years (2009, 2011, 2013, 2015 and 2017) to provide local level estimates by county or region for these years.

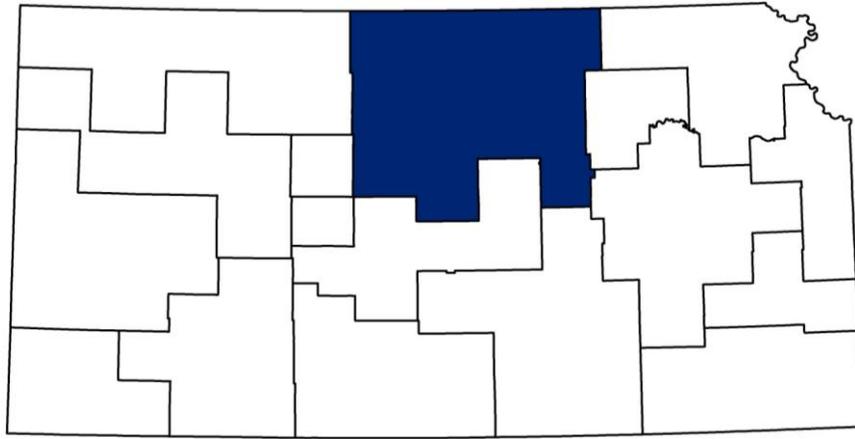
During the 2011 survey year, data were collected from more than 20,000 adult Kansans, providing estimates for 43 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 43 health risk indicators analyzed at the county or regional level. By the conclusion of the 10-year project, most of Kansas counties will have county-specific data for use in estimating trends in selected health indicators from 2011 forward. Data from 2011 onward cannot be compared to previous years as the BRFSS data collection and analysis methods changed beginning in 2011.

BRFSS data help public health professionals measure Kansans health behaviors, conditions and concerns at the state and the local level. These data are important when we consider where to focus our public health efforts and to help us emphasize the benefits of prevention.

Sincerely,

A handwritten signature in blue ink that reads "Robert Moser". The signature is fluid and cursive, with a large initial "R" and "M".

Robert Moser, MD
Secretary and State Health Officer
Kansas Department of Health and Environment



The North Central Kansas Public Health Initiative comprises the following counties:
Clay, Cloud, Dickinson, Ellsworth, Jewell, Lincoln, Mitchell, Osborne, Ottawa,
Republic, Russell, Smith, Washington

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2011 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, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,281	17.0	0.4	16.2	17.8
North Central Kansas Public Health Initiative	69	12.8	1.7	9.5	16.1
Gender					
Men	47	20.0	3.0	14.2	25.8
Women	22	5.9	1.5	3.1	8.7
Age Group					
18 to 44 Years	29	21.3	3.7	14.0	28.5
45 to 64 Years	35	10.8	1.9	7.1	14.6
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	67	12.6	1.7	9.3	15.9
Race					
White	68	12.7	1.7	9.4	16.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	23	10.9	2.5	6.0	15.9
Some College or College Graduate	46	14.2	2.2	9.8	18.6
Annual Household Income					
Less than \$35,000 per Year	18	10.2	2.8	4.8	15.6
\$35,000 or Higher per Year	45	16.9	2.5	11.9	21.9
Disability Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	63	16.2	2.1	12.0	20.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	23	15.3	3.3	8.8	21.9
Overweight (25 ≤ BMI <30)	20	9.3	2.3	4.9	13.8
Obese (BMI ≥ 30)	25	15.7	3.3	9.3	22.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	49	13.4	2.0	9.4	17.3
Does not participate in leisure time physical activity	20	11.6	3.0	5.6	17.5
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	57	12.7	1.8	9.1	16.2
Smoking Status					
Current smoker	19	21.6	5.0	11.8	31.3
Non-smoker	49	10.8	1.7	7.5	14.0
Health Insurance Status					
Insured	64	13.3	1.8	9.9	16.8
Uninsured	*	*	*	*	*

Numerator: Male respondents having five or more drinks on one occasion in the past 30 days or female respondents having four or more drinks on one occasion in the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Reported Heavy Alcohol Consumption in the Past 30 Days, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	823	5.4	0.2	5.0	5.9
North Central Kansas Public Health Initiative	24	3.6	0.9	1.9	5.4
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	24	3.7	0.9	1.9	5.5
Race					
White	24	3.7	0.9	1.9	5.5
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 Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	20	4.5	1.2	2.2	6.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	16	3.7	1.0	1.7	5.8
Does not participate in leisure time physical activity	*	*	*	*	*
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	19	3.5	1.0	1.6	5.5
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	14	2.4	0.7	1.1	3.7
Health Insurance Status					
Insured	23	3.8	0.9	2.0	5.6
Uninsured	*	*	*	*	*

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 and/or statistically unreliable estimate

Percentage of Adults with Doctor Diagnosed Arthritis, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,493	23.1	0.3	22.4	23.8
North Central Kansas Public Health Initiative	294	27.6	1.8	24.1	31.1
Gender					
Men	94	24.4	2.8	19.0	29.8
Women	200	30.7	2.3	26.2	35.3
Age Group					
18 to 44 Years	20	11.5	2.7	6.1	16.9
45 to 64 Years	107	31.5	2.9	25.8	37.2
65 Years and Older	166	47.4	3.0	41.4	53.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	287	27.8	1.8	24.2	31.4
Race					
White	290	27.9	1.8	24.3	31.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	160	35.7	3.2	29.5	41.9
Some College or College Graduate	134	21.6	2.1	17.6	25.6
Annual Household Income					
Less than \$35,000 per Year	148	33.5	3.0	27.6	39.5
\$35,000 or Higher per Year	97	22.1	2.4	17.4	26.8
Disability Status					
Living with a Disability	152	53.5	4.0	45.6	61.3
Living without a Disability	136	19.4	1.9	15.6	23.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	76	20.0	2.8	14.6	25.5
Overweight (25 ≤ BMI <30)	83	25.7	3.2	19.5	31.9
Obese (BMI ≥ 30)	122	37.6	3.5	30.8	44.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	185	25.4	2.1	21.3	29.5
Does not participate in leisure time physical activity	105	33.4	3.6	26.4	40.5
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	19	13.8	3.6	6.7	20.8
Did Not Meet Both Aerobic and Strengthening Guidelines	259	29.4	2.0	25.5	33.4
Smoking Status					
Current smoker	38	28.7	4.9	19.1	38.3
Non-smoker	254	27.4	1.9	23.7	31.2
Health Insurance Status					
Insured	276	29.0	1.9	25.3	32.6
Uninsured	18	21.2	5.5	10.4	31.9

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,150	48.8	0.8	47.3	50.4
North Central Kansas Public Health Initiative	123	41.8	3.6	34.8	48.9
Gender					
Men	44	49.4	6.3	37.0	61.8
Women	79	36.3	4.0	28.5	44.1
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	56	53.2	5.8	41.8	64.5
65 Years and Older	63	36.0	4.1	27.8	44.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	121	42.4	3.6	35.2	49.5
Race					
White	122	42.1	3.6	35.0	49.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	70	41.1	5.0	31.4	50.9
Some College or College Graduate	53	42.7	5.2	32.5	52.9
Annual Household Income					
Less than \$35,000 per Year	63	41.0	4.8	31.5	50.4
\$35,000 or Higher per Year	44	43.9	6.1	31.9	55.9
Disability Status					
Living with a Disability	99	65.8	4.7	56.6	75.0
Living without a Disability	24	20.1	4.8	10.7	29.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	27	41.0	7.7	26.0	56.0
Overweight (25 ≤ BMI <30)	27	33.1	6.6	20.2	45.9
Obese (BMI ≥ 30)	66	49.9	5.5	39.0	60.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	74	39.3	4.5	30.5	48.1
Does not participate in leisure time physical activity	49	46.7	6.0	34.9	58.5
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	109	42.4	3.8	34.9	50.0
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	107	42.3	3.9	34.8	49.9
Health Insurance Status					
Insured	117	42.1	3.6	35.0	49.2
Uninsured	*	*	*	*	*

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

Denominator: Respondents with doctor, nurse or other health professional diagnosed arthritis, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults with Current Asthma, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,709	8.8	0.3	8.2	9.3
North Central Kansas Public Health Initiative	48	6.8	1.2	4.4	9.2
Gender					
Men	17	7.8	2.2	3.6	12.1
Women	31	5.8	1.3	3.4	8.3
Age Group					
18 to 44 Years	15	10.2	2.8	4.6	15.7
45 to 64 Years	20	5.1	1.3	2.6	7.5
65 Years and Older	13	4.2	1.2	1.7	6.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	46	6.7	1.3	4.3	9.2
Race					
White	46	6.9	1.3	4.4	9.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	29	6.5	1.4	3.7	9.3
Annual Household Income					
Less than \$35,000 per Year	24	7.8	2.0	4.0	11.7
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	30	6.3	1.3	3.7	8.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	22	10.4	2.7	5.1	15.7
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	30	7.1	1.6	3.9	10.3
Does not participate in leisure time physical activity	16	6.0	1.8	2.5	9.4
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	38	6.3	1.3	3.7	8.9
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	40	7.1	1.4	4.3	9.9
Health Insurance Status					
Insured	41	7.1	1.4	4.3	9.9
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Have Been Diagnosed With Cancer (Excluding Skin Cancer), 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,108	6.9	0.2	6.5	7.2
North Central Kansas Public Health Initiative	87	7.0	0.9	5.3	8.7
Gender					
Men	27	5.6	1.2	3.3	7.9
Women	60	8.3	1.2	6.0	10.7
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	17	3.8	1.0	1.7	5.8
65 Years and Older	67	21.2	2.6	16.1	26.2
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	86	7.0	0.9	5.3	8.7
Race					
White	85	7.1	0.9	5.4	8.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	43	8.8	1.5	5.8	11.8
Some College or College Graduate	44	5.6	1.0	3.8	7.5
Annual Household Income					
Less than \$35,000 per Year	39	8.0	1.5	5.1	10.9
\$35,000 or Higher per Year	34	6.0	1.1	3.8	8.3
Disability Status					
Living with a Disability	37	10.9	2.0	7.0	14.9
Living without a Disability	49	5.8	0.9	4.0	7.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	29	7.4	1.6	4.3	10.5
Overweight (25 ≤ BMI <30)	28	7.4	1.6	4.4	10.5
Obese (BMI ≥ 30)	28	6.7	1.4	3.9	9.5
Leisure Time Physical Activity					
Participates in leisure time physical activity	62	7.7	1.1	5.5	9.9
Does not participate in leisure time physical activity	24	5.4	1.2	3.0	7.7
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	74	6.9	0.9	5.1	8.7
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	82	8.1	1.0	6.1	10.0
Health Insurance Status					
Insured	85	8.3	1.0	6.3	10.3
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Have Been Diagnosed With Skin Cancer, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,950	6.2	0.2	5.9	6.5
North Central Kansas Public Health Initiative	76	6.6	0.9	4.9	8.3
Gender					
Men	39	8.5	1.5	5.6	11.5
Women	37	4.8	1.0	2.9	6.6
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	25	7.9	1.7	4.6	11.3
65 Years and Older	51	15.2	2.3	10.8	19.7
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	75	6.7	0.9	5.0	8.5
Race					
White	76	6.8	0.9	5.0	8.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	37	7.7	1.5	4.7	10.6
Some College or College Graduate	39	5.8	1.1	3.8	7.9
Annual Household Income					
Less than \$35,000 per Year	37	8.8	1.7	5.4	12.2
\$35,000 or Higher per Year	29	5.6	1.1	3.4	7.8
Disability Status					
Living with a Disability	32	10.9	2.3	6.5	15.3
Living without a Disability	43	5.3	0.9	3.5	7.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	26	6.9	1.6	3.8	10.0
Overweight (25 ≤ BMI < 30)	25	7.2	1.6	4.1	10.4
Obese (BMI ≥ 30)	25	6.8	1.6	3.6	9.9
Leisure Time Physical Activity					
Participates in leisure time physical activity	47	5.6	0.9	3.7	7.4
Does not participate in leisure time physical activity	27	9.2	2.0	5.3	13.0
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	66	7.0	1.0	5.1	9.0
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	67	6.3	0.9	4.6	8.0
Health Insurance Status					
Insured	70	6.7	0.9	4.9	8.4
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

**Percentage of Adults Who Have Not Checked Cholesterol Within Five Years
Among Those Who Have Ever Had Cholesterol Checked, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,379	27.1	0.5	26.2	28.0
North Central Kansas Public Health Initiative	144	27.0	2.3	22.6	31.5
Gender					
Men	67	32.5	3.6	25.3	39.6
Women	77	21.9	2.7	16.7	27.1
Age Group					
18 to 44 Years	68	49.6	4.5	40.8	58.5
45 to 64 Years	53	16.9	2.4	12.2	21.6
65 Years and Older	23	7.2	1.7	3.8	10.5
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	139	26.7	2.3	22.2	31.1
Race					
White	137	26.3	2.3	21.9	30.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	68	31.6	3.8	24.2	39.1
Some College or College Graduate	76	23.8	2.7	18.4	29.1
Annual Household Income					
Less than \$35,000 per Year	63	29.8	3.7	22.5	37.1
\$35,000 or Higher per Year	61	24.5	3.1	18.4	30.7
Disability Status					
Living with a Disability	23	14.7	3.4	8.0	21.4
Living without a Disability	120	31.4	2.8	26.0	36.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	57	34.4	4.3	25.9	42.9
Overweight (25 ≤ BMI < 30)	41	23.1	3.8	15.7	30.4
Obese (BMI ≥ 30)	38	22.5	3.6	15.5	29.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	91	25.5	2.7	20.2	30.8
Does not participate in leisure time physical activity	52	31.9	4.3	23.5	40.3
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	16	25.0	7.0	11.3	38.8
Did Not Meet Both Aerobic and Strengthening Guidelines	126	28.3	2.5	23.4	33.1
Smoking Status					
Current smoker	42	43.5	5.8	32.1	54.8
Non-smoker	102	23.5	2.4	18.8	28.2
Health Insurance Status					
Insured	105	20.7	2.1	16.7	24.8
Uninsured	38	60.8	6.8	47.5	74.1

Numerator: Respondents reporting they had not checked their blood cholesterol in the past five years.

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

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Tested and Diagnosed with High Cholesterol, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,660	38.4	0.5	37.5	39.3
North Central Kansas Public Health Initiative	306	38.3	2.2	34.1	42.6
Gender					
Men	111	40.2	3.6	33.2	47.2
Women	195	36.7	2.6	31.6	41.8
Age Group					
18 to 44 Years	19	20.5	4.7	11.4	29.7
45 to 64 Years	124	41.7	3.3	35.3	48.0
65 Years and Older	161	49.6	3.1	43.5	55.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	300	38.2	2.2	33.9	42.5
Race					
White	299	38.1	2.2	33.8	42.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	134	42.9	3.6	35.9	50.0
Some College or College Graduate	172	35.4	2.7	30.1	40.7
Annual Household Income					
Less than \$35,000 per Year	132	44.8	3.7	37.6	52.0
\$35,000 or Higher per Year	127	33.7	2.9	27.9	39.4
Disability Status					
Living with a Disability	116	48.5	4.1	40.4	56.6
Living without a Disability	184	34.7	2.5	29.7	39.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	72	26.0	3.3	19.5	32.4
Overweight (25 ≤ BMI <30)	107	42.6	3.8	35.1	50.2
Obese (BMI ≥ 30)	111	44.8	3.9	37.2	52.5
Leisure Time Physical Activity					
Participates in leisure time physical activity	208	37.6	2.6	32.5	42.7
Does not participate in leisure time physical activity	94	41.5	4.1	33.5	49.5
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	24	19.5	4.4	10.9	28.1
Did Not Meet Both Aerobic and Strengthening Guidelines	266	40.8	2.4	36.0	45.5
Smoking Status					
Current smoker	36	31.9	5.5	21.0	42.7
Non-smoker	267	39.4	2.4	34.7	44.0
Health Insurance Status					
Insured	293	39.3	2.2	34.9	43.7
Uninsured	*	*	*	*	*

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

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

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Had Chronic Obstructive Pulmonary Disease
(COPD), Emphysema or Chronic Bronchitis, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,658	6.6	0.2	6.2	7.0
North Central Kansas Public Health Initiative	52	5.7	1.0	3.7	7.6
Gender					
Men	18	5.9	1.7	2.7	9.2
Women	34	5.4	1.1	3.2	7.6
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	25	6.3	1.5	3.4	9.1
65 Years and Older	21	7.1	1.7	3.8	10.4
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	51	5.8	1.0	3.8	7.8
Race					
White	52	5.8	1.0	3.8	7.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	34	8.0	1.6	4.8	11.1
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	35	11.3	2.4	6.6	15.9
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	24	7.1	1.6	4.0	10.2
Living without a Disability	26	5.1	1.2	2.7	7.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	17	6.4	1.8	2.8	10.0
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	28	4.8	1.2	2.4	7.2
Does not participate in leisure time physical activity	22	7.4	1.7	4.0	10.7
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	43	5.1	1.0	3.2	7.0
Smoking Status					
Current smoker	19	12.5	3.2	6.2	18.8
Non-smoker	33	4.1	1.0	2.2	6.0
Health Insurance Status					
Insured	44	5.4	1.0	3.3	7.4
Uninsured	*	*	*	*	*

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had chronic obstructive pulmonary disease (COPD), emphysema or chronic bronchitis.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Were EVER Diagnosed with a Depressive Disorder,
2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,360	15.9	0.3	15.2	16.5
North Central Kansas Public Health Initiative	115	13.7	1.6	10.6	16.7
Gender					
Men	32	10.6	2.4	6.0	15.3
Women	83	16.6	2.1	12.5	20.7
Age Group					
18 to 44 Years	26	17.3	3.4	10.5	24.0
45 to 64 Years	57	14.0	2.0	10.1	17.9
65 Years and Older	32	7.7	1.5	4.9	10.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	114	14.0	1.6	10.8	17.1
Race					
White	113	13.9	1.6	10.8	17.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	47	13.1	2.5	8.1	18.1
Some College or College Graduate	68	14.1	2.0	10.2	18.0
Annual Household Income					
Less than \$35,000 per Year	64	18.3	2.8	12.8	23.9
\$35,000 or Higher per Year	39	10.7	1.9	6.8	14.5
Disability Status					
Living with a Disability	58	24.2	3.7	16.9	31.5
Living without a Disability	56	10.4	1.7	7.1	13.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	28	13.1	3.1	7.0	19.1
Overweight (25 ≤ BMI <30)	37	13.8	2.8	8.3	19.3
Obese (BMI ≥ 30)	47	15.5	2.6	10.3	20.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	83	14.7	1.9	10.8	18.5
Does not participate in leisure time physical activity	31	11.7	2.7	6.4	17.0
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	98	13.4	1.7	10.1	16.7
Smoking Status					
Current smoker	20	14.9	3.9	7.2	22.5
Non-smoker	94	13.3	1.7	9.9	16.7
Health Insurance Status					
Insured	105	13.6	1.6	10.5	16.8
Uninsured	*	*	*	*	*

Numerator: Respondents who reported they had been told by a doctor, nurse, or other health professional that they have a depressive disorder (including depression, major depression, dysthymia, or minor depression).

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults with Diagnosed Diabetes, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,584	9.5	0.2	9.1	10.0
North Central Kansas Public Health Initiative	107	9.9	1.1	7.7	12.2
Gender					
Men	46	10.1	1.7	6.8	13.4
Women	61	9.8	1.5	6.9	12.7
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	36	11.1	2.0	7.1	15.0
65 Years and Older	63	17.5	2.2	13.1	21.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	105	10.0	1.1	7.7	12.2
Race					
White	107	10.2	1.2	7.9	12.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	59	13.6	2.0	9.6	17.7
Some College or College Graduate	48	7.2	1.2	4.8	9.6
Annual Household Income					
Less than \$35,000 per Year	66	17.4	2.5	12.6	22.2
\$35,000 or Higher per Year	27	5.4	1.2	3.0	7.8
Disability Status					
Living with a Disability	53	17.3	2.7	11.9	22.7
Living without a Disability	53	7.7	1.2	5.3	10.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	28	6.8	1.4	4.0	9.6
Obese (BMI ≥ 30)	61	19.4	2.8	13.9	24.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	60	8.8	1.3	6.3	11.3
Does not participate in leisure time physical activity	46	13.0	2.4	8.4	17.6
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	96	10.4	1.3	8.0	12.9
Smoking Status					
Current smoker	17	10.1	2.9	4.4	15.8
Non-smoker	90	10.0	1.2	7.6	12.4
Health Insurance Status					
Insured	98	10.5	1.2	8.1	12.9
Uninsured	*	*	*	*	*

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Activity Limitations Due to Physical,
Mental, or Emotional Problems, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,714	23.0	0.4	22.3	23.7
North Central Kansas Public Health Initiative	239	22.8	1.7	19.5	26.2
Gender					
Men	87	23.5	2.8	18.0	28.9
Women	152	22.2	2.0	18.2	26.2
Age Group					
18 to 44 Years	17	11.7	2.9	6.0	17.4
45 to 64 Years	100	28.0	2.8	22.6	33.4
65 Years and Older	121	32.8	2.8	27.3	38.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	234	23.1	1.7	19.6	26.5
Race					
White	234	22.7	1.7	19.4	26.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	124	26.1	2.8	20.6	31.7
Some College or College Graduate	115	20.3	2.1	16.2	24.5
Annual Household Income					
Less than \$35,000 per Year	130	32.3	3.1	26.2	38.4
\$35,000 or Higher per Year	75	15.3	2.0	11.4	19.2
Weight Category					
Normal or Underweight (BMI < 25)	54	13.4	2.2	9.2	17.7
Overweight (25 ≤ BMI < 30)	74	26.1	3.5	19.4	32.9
Obese (BMI ≥ 30)	102	29.6	3.2	23.4	35.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	142	20.1	2.0	16.2	23.9
Does not participate in leisure time physical activity	97	29.6	3.4	22.9	36.3
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	19	13.8	3.7	6.6	21.1
Did Not Meet Both Aerobic and Strengthening Guidelines	208	23.7	1.9	20.0	27.5
Smoking Status					
Current smoker	42	26.0	4.5	17.1	34.9
Non-smoker	195	22.1	1.8	18.5	25.7
Health Insurance Status					
Insured	216	23.6	1.8	20.0	27.1
Uninsured	22	19.1	4.7	9.8	28.3

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Reported Living with a Disability , 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,179	24.5	0.4	23.7	25.2
North Central Kansas Public Health Initiative	263	24.3	1.7	20.9	27.7
Gender					
Men	92	24.1	2.8	18.6	29.5
Women	171	24.5	2.1	20.4	28.6
Age Group					
18 to 44 Years	17	11.7	2.9	6.0	17.4
45 to 64 Years	103	29.0	2.8	23.6	34.4
65 Years and Older	142	37.3	2.9	31.6	43.0
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	257	24.5	1.8	21.0	28.0
Race					
White	258	24.3	1.7	20.8	27.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	138	28.3	2.9	22.6	34.0
Some College or College Graduate	125	21.3	2.1	17.1	25.5
Annual Household Income					
Less than \$35,000 per Year	142	34.3	3.2	28.1	40.5
\$35,000 or Higher per Year	79	15.8	2.0	11.8	19.7
Weight Category					
Normal or Underweight (BMI <25)	64	15.3	2.3	10.8	19.8
Overweight (25 ≤ BMI < 30)	78	26.9	3.5	20.1	33.7
Obese (BMI ≥ 30)	107	30.4	3.2	24.1	36.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	153	21.2	2.0	17.3	25.1
Does not participate in leisure time physical activity	110	31.9	3.5	25.1	38.6
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	20	15.0	3.8	7.4	22.5
Did Not Meet Both Aerobic and Strengthening Guidelines	230	25.3	1.9	21.5	29.0
Smoking Status					
Current smoker	45	27.0	4.6	18.1	36.0
Non-smoker	215	23.6	1.9	20.0	27.3
Health Insurance Status					
Insured	239	25.2	1.8	21.6	28.8
Uninsured	23	19.8	4.8	10.4	29.1

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Not Doing Enough Physical Activity To Meet Both The
Aerobic AND Strengthening Exercise Recommendations, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	16,604	83.5	0.4	82.7	84.2
North Central Kansas Public Health Initiative	735	88.5	1.5	85.7	91.4
Gender					
Men	278	90.0	2.1	85.9	94.1
Women	457	87.1	2.0	83.1	91.1
Age Group					
18 to 44 Years	137	86.5	3.7	80.3	92.6
45 to 64 Years	297	88.9	1.8	85.3	92.5
65 Years and Older	300	91.3	1.7	87.9	94.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	717	88.7	1.5	85.8	91.6
Race					
White	719	88.4	1.5	85.5	91.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	327	91.7	2.3	87.1	96.3
Some College or College Graduate	408	86.1	1.9	82.5	89.8
Annual Household Income					
Less than \$35,000 per Year	296	89.5	2.4	84.8	94.2
\$35,000 or Higher per Year	324	86.9	1.9	83.1	90.7
Disability Status					
Living with a Disability	230	92.9	1.8	89.4	96.4
Living without a Disability	502	87.3	1.8	83.7	90.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	224	85.1	3.0	79.2	91.0
Overweight (25 ≤ BMI < 30)	235	88.0	2.2	83.6	92.3
Obese (BMI ≥ 30)	246	94.7	1.4	91.9	97.5
Smoking Status					
Current smoker	118	91.2	2.9	85.5	96.8
Non-smoker	613	88.1	1.7	84.8	91.4
Health Insurance Status					
Insured	659	87.8	1.5	84.9	90.7
Uninsured	*	*	*	*	*

Numerator: Respondents who did not meet both aerobic and strengthening physical activity guidelines.

The aerobic guideline is defined as 150 minutes a week of moderate-intensity aerobic activity, or 75 minutes a week of vigorous-intensity aerobic activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity.

The strengthening guideline is defined as muscle-strengthening activities that involved all major muscle groups two or more times per week.

Meeting the physical activity guideline is defined as meeting both aerobic and strengthening guidelines.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Not Doing Enough Physical Activity To Meet EITHER
Aerobic OR Strengthening Guideline, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,956	45.3	0.5	44.4	46.2
North Central Kansas Public Health Initiative	412	50.5	2.2	46.1	54.8
Gender					
Men	170	54.5	3.5	47.7	61.4
Women	242	46.4	2.7	41.1	51.8
Age Group					
18 to 44 Years	76	48.6	4.5	39.7	57.4
45 to 64 Years	176	54.1	3.1	48.0	60.1
65 Years and Older	159	47.9	3.1	41.8	54.0
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	402	50.6	2.3	46.1	55.0
Race					
White	403	50.5	2.3	46.1	54.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	193	53.7	3.6	46.7	60.7
Some College or College Graduate	219	48.0	2.8	42.5	53.6
Annual Household Income					
Less than \$35,000 per Year	173	51.5	3.6	44.3	58.6
\$35,000 or Higher per Year	171	48.9	3.1	42.8	55.1
Disability Status					
Living with a Disability	136	52.0	4.1	44.1	60.0
Living without a Disability	275	50.1	2.6	44.9	55.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	107	42.1	4.1	34.0	50.2
Overweight (25 ≤ BMI < 30)	137	55.4	3.8	48.0	62.8
Obese (BMI ≥ 30)	143	51.6	3.8	44.1	59.0
Smoking Status					
Current smoker	77	53.8	5.6	42.8	64.8
Non-smoker	332	49.7	2.4	44.9	54.5
Health Insurance Status					
Insured	361	48.5	2.2	44.1	52.9
Uninsured	*	*	*	*	*

Numerator: Respondents who did not meet either aerobic or strengthening physical activity guidelines.

The aerobic guideline is defined as 150 minutes a week of moderate-intensity aerobic activity, or 75 minutes a week of vigorous-intensity aerobic activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity.

The strengthening guideline is defined as muscle-strengthening activities that involved all major muscle groups two or more times per week.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Not Participating in Any Physical Activity (Leisure Time Physical Activity) Other Than Their Regular Job in the Past 30 Days, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,740	26.8	0.4	26.0	27.6
North Central Kansas Public Health Initiative	268	29.6	2.0	25.7	33.5
Gender					
Men	119	37.5	3.4	30.9	44.1
Women	149	22.0	2.0	18.0	26.0
Age Group					
18 to 44 Years	36	23.8	3.9	16.1	31.4
45 to 64 Years	111	33.1	2.9	27.4	38.8
65 Years and Older	120	33.7	2.8	28.1	39.2
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	259	29.2	2.0	25.3	33.1
Race					
White	264	29.7	2.0	25.8	33.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	142	35.1	3.2	28.8	41.4
Some College or College Graduate	126	25.5	2.5	20.5	30.5
Annual Household Income					
Less than \$35,000 per Year	122	33.4	3.3	27.0	39.7
\$35,000 or Higher per Year	96	26.2	2.8	20.6	31.8
Disability Status					
Living with a Disability	110	38.9	3.8	31.4	46.3
Living without a Disability	158	26.8	2.3	22.2	31.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	66	23.6	3.6	16.5	30.8
Overweight (25 ≤ BMI < 30)	89	33.8	3.6	26.7	40.9
Obese (BMI ≥ 30)	96	31.6	3.4	25.0	38.2
Smoking Status					
Current smoker	52	33.6	5.3	23.3	43.9
Non-smoker	214	28.8	2.1	24.6	32.9
Health Insurance Status					
Insured	234	28.0	1.9	24.3	31.8
Uninsured	33	37.5	7.0	23.7	51.3

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Consuming Fruit Less than 1 Time Per Day,
2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,375	41.4	0.5	40.5	42.4
North Central Kansas Public Health Initiative	291	39.8	2.2	35.5	44.1
Gender					
Men	140	50.6	3.5	43.8	57.4
Women	151	29.6	2.5	24.7	34.4
Age Group					
18 to 44 Years	62	41.2	4.4	32.6	49.8
45 to 64 Years	144	45.9	3.1	39.8	52.0
65 Years and Older	84	27.7	2.8	22.2	33.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	286	39.7	2.2	35.4	44.1
Race					
White	286	39.5	2.2	35.2	43.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	138	44.0	3.6	36.9	51.0
Some College or College Graduate	153	36.8	2.7	31.5	42.2
Annual Household Income					
Less than \$35,000 per Year	120	38.1	3.5	31.3	45.0
\$35,000 or Higher per Year	135	39.8	3.0	33.8	45.7
Disability Status					
Living with a Disability	91	43.0	4.1	34.9	51.1
Living without a Disability	197	38.8	2.6	33.7	43.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	76	32.5	3.8	25.0	40.0
Overweight (25 ≤ BMI < 30)	103	43.6	3.9	36.1	51.2
Obese (BMI ≥ 30)	101	45.3	3.8	37.9	52.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	173	35.4	2.6	30.3	40.5
Does not participate in leisure time physical activity	115	50.0	4.0	42.3	57.8
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	19	19.6	5.2	9.4	29.8
Did Not Meet Both Aerobic and Strengthening Guidelines	262	42.5	2.4	37.8	47.2
Smoking Status					
Current smoker	66	46.7	5.6	35.7	57.6
Non-smoker	223	38.2	2.4	33.6	42.9
Health Insurance Status					
Insured	258	40.3	2.3	35.9	44.7
Uninsured	33	37.6	6.8	24.2	51.0

Numerator: Respondents who reported they consumed fruit less than 1 time per day.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Consuming Vegetables Less than 1 Time
Per Day, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,908	22.3	0.4	21.4	23.1
North Central Kansas Public Health Initiative	164	19.9	1.7	16.6	23.3
Gender					
Men	77	22.7	2.7	17.3	28.0
Women	87	17.4	2.2	13.1	21.6
Age Group					
18 to 44 Years	28	16.7	3.2	10.5	23.0
45 to 64 Years	71	23.0	2.7	17.8	28.2
65 Years and Older	65	20.6	2.6	15.6	25.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	162	20.4	1.8	16.9	23.8
Race					
White	160	19.9	1.7	16.5	23.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	96	24.8	2.8	19.2	30.3
Some College or College Graduate	68	16.5	2.2	12.2	20.7
Annual Household Income					
Less than \$35,000 per Year	75	23.0	3.0	17.1	28.9
\$35,000 or Higher per Year	62	17.8	2.3	13.3	22.3
Disability Status					
Living with a Disability	51	19.7	3.0	13.7	25.7
Living without a Disability	112	20.0	2.1	16.0	24.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	43	15.6	2.7	10.2	20.9
Overweight (25 ≤ BMI < 30)	61	21.3	2.9	15.6	27.1
Obese (BMI ≥ 30)	52	22.3	3.3	15.9	28.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	89	16.3	1.9	12.6	20.1
Does not participate in leisure time physical activity	75	28.7	3.5	21.8	35.6
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	155	22.1	1.9	18.3	25.9
Smoking Status					
Current smoker	33	20.7	4.1	12.8	28.7
Non-smoker	129	19.6	1.9	15.9	23.4
Health Insurance Status					
Insured	148	20.2	1.8	16.7	23.6
Uninsured	16	18.9	5.5	8.2	29.7

Numerator: Respondents who reported they consumed vegetables less than 1 time per day.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Lack Health Care Coverage, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,212	16.7	0.4	15.9	17.5
North Central Kansas Public Health Initiative	81	16.4	2.1	12.4	20.4
Gender					
Men	37	19.7	3.3	13.1	26.2
Women	44	13.2	2.4	8.6	17.9
Age Group					
18 to 44 Years	36	29.5	4.4	20.8	38.2
45 to 64 Years	40	12.3	2.2	8.0	16.5
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	80	16.4	2.1	12.3	20.5
Race					
White	77	16.2	2.1	12.1	20.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	45	21.0	3.5	14.0	27.9
Some College or College Graduate	36	13.0	2.4	8.3	17.6
Annual Household Income					
Less than \$35,000 per Year	50	23.6	3.5	16.7	30.5
\$35,000 or Higher per Year	18	8.3	2.5	3.5	13.2
Disability Status					
Living with a Disability	23	13.6	3.1	7.5	19.6
Living without a Disability	58	17.7	2.6	12.7	22.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	26	17.4	4.0	9.6	25.2
Overweight (25 ≤ BMI < 30)	17	11.6	3.3	5.1	18.1
Obese (BMI ≥ 30)	31	16.5	3.1	10.4	22.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	47	14.5	2.4	9.9	19.2
Does not participate in leisure time physical activity	33	20.8	4.1	12.7	28.9
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	73	17.0	2.2	12.7	21.4
Smoking Status					
Current smoker	40	39.4	5.7	28.1	50.6
Non-smoker	41	11.2	2.0	7.2	15.2

Numerator: Respondents reporting they had no health care coverage.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 18 to 64 Years Old Who Lack Health Care Coverage,
2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,123	20.1	0.5	19.2	21.0
North Central Kansas Public Health Initiative	76	21.2	2.6	16.1	26.4
Gender					
Men	35	24.0	4.0	16.1	31.9
Women	41	18.1	3.2	11.8	24.5
Age Group					
18 to 44 Years	36	29.5	4.4	20.8	38.2
45 to 64 Years	40	12.3	2.2	8.0	16.5
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	75	21.1	2.6	15.9	26.3
Race					
White	72	21.1	2.7	15.8	26.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	41	31.9	5.1	21.9	41.8
Some College or College Graduate	35	15.1	2.8	9.7	20.6
Annual Household Income					
Less than \$35,000 per Year	47	34.8	4.8	25.3	44.2
\$35,000 or Higher per Year	18	9.8	2.9	4.1	15.4
Disability Status					
Living with a Disability	22	20.5	4.7	11.4	29.7
Living without a Disability	54	21.8	3.1	15.7	27.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	24	23.4	5.2	13.2	33.5
Overweight (25 ≤ BMI < 30)	16	15.2	4.4	6.7	23.8
Obese (BMI ≥ 30)	29	20.3	3.8	12.7	27.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	46	18.6	3.0	12.7	24.4
Does not participate in leisure time physical activity	29	27.9	5.4	17.3	38.5
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	68	22.0	2.9	16.4	27.6
Smoking Status					
Current smoker	38	42.8	6.1	30.8	54.7
Non-smoker	38	15.0	2.7	9.6	20.3

Numerator: Respondents ages 18-64 years old reporting they had no health care coverage.

Denominator: All respondents ages 18-64 years old, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults with No Personal Doctor or Health Care Provider, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,606	19.7	0.4	18.9	20.6
North Central Kansas Public Health Initiative	95	17.6	2.0	13.7	21.5
Gender					
Men	48	24.0	3.4	17.4	30.6
Women	47	11.4	1.9	7.6	15.2
Age Group					
18 to 44 Years	40	29.6	4.3	21.2	37.9
45 to 64 Years	34	11.9	2.2	7.6	16.3
65 Years and Older	19	6.8	1.7	3.4	10.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	91	17.2	2.0	13.3	21.2
Race					
White	89	17.1	2.0	13.2	21.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	43	20.5	3.3	14.0	26.9
Some College or College Graduate	51	15.4	2.4	10.6	20.1
Annual Household Income					
Less than \$35,000 per Year	43	21.7	3.5	14.8	28.6
\$35,000 or Higher per Year	39	15.0	2.6	9.8	20.1
Disability Status					
Living with a Disability	15	7.6	2.3	3.2	12.0
Living without a Disability	78	20.9	2.5	16.0	25.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	33	21.0	4.1	12.9	29.0
Overweight (25 ≤ BMI < 30)	26	14.5	3.1	8.4	20.7
Obese (BMI ≥ 30)	28	15.7	3.1	9.6	21.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	61	15.9	2.3	11.4	20.3
Does not participate in leisure time physical activity	32	22.0	4.1	13.9	30.0
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	85	19.5	2.3	15.0	23.9
Smoking Status					
Current smoker	28	34.5	5.8	23.1	46.0
Non-smoker	66	13.7	1.9	9.9	17.5
Health Insurance Status					
Insured	63	11.5	1.6	8.4	14.6
Uninsured	31	48.4	7.2	34.3	62.5

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Could Not See Doctor Because of Cost In the Past 12 Months, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,334	14.3	0.3	13.7	15.0
North Central Kansas Public Health Initiative	70	10.3	1.5	7.4	13.3
Gender					
Men	24	9.5	2.2	5.2	13.7
Women	46	11.2	2.1	7.1	15.2
Age Group					
18 to 44 Years	22	14.7	3.3	8.3	21.1
45 to 64 Years	36	10.8	2.1	6.8	14.9
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	68	10.2	1.5	7.2	13.1
Race					
White	68	10.1	1.5	7.2	13.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	35	12.2	2.7	7.0	17.4
Some College or College Graduate	35	9.0	1.7	5.6	12.3
Annual Household Income					
Less than \$35,000 per Year	46	15.4	2.5	10.4	20.3
\$35,000 or Higher per Year	16	6.1	1.8	2.6	9.5
Disability Status					
Living with a Disability	28	12.5	2.8	7.1	18.0
Living without a Disability	41	9.7	1.8	6.2	13.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	17	7.6	2.3	3.2	12.1
Overweight (25 ≤ BMI < 30)	19	7.2	1.9	3.4	11.0
Obese (BMI ≥ 30)	32	15.1	3.0	9.3	21.0
Leisure Time Physical Activity					
Participates in leisure time physical activity	42	10.1	1.9	6.5	13.8
Does not participate in leisure time physical activity	27	11.1	2.6	6.0	16.1
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	65	11.0	1.6	7.9	14.1
Smoking Status					
Current smoker	31	22.9	4.5	14.0	31.8
Non-smoker	39	7.5	1.5	4.5	10.5
Health Insurance Status					
Insured	40	5.8	1.1	3.6	8.0
Uninsured	30	34.1	6.7	21.0	47.2

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults with Fair or Poor Self-Perceived Health Status, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,614	15.0	0.3	14.4	15.6
North Central Kansas Public Health Initiative	172	17.4	1.6	14.3	20.6
Gender					
Men	66	18.8	2.7	13.6	24.1
Women	106	16.1	1.8	12.6	19.6
Age Group					
18 to 44 Years	17	12.3	3.7	6.3	18.2
45 to 64 Years	68	18.8	2.4	14.1	23.5
65 Years and Older	87	23.9	2.5	18.9	28.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	169	17.3	1.6	14.2	20.4
Race					
White	169	17.3	1.6	14.2	20.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	116	26.6	2.9	20.8	32.3
Some College or College Graduate	56	10.7	1.7	7.4	14.0
Annual Household Income					
Less than \$35,000 per Year	105	27.5	2.9	21.7	33.3
\$35,000 or Higher per Year	34	8.9	1.8	5.3	12.4
Disability Status					
Living with a Disability	114	42.7	3.9	35.0	50.4
Living without a Disability	54	9.3	1.5	6.3	12.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	44	12.6	2.4	7.9	17.3
Overweight (25 ≤ BMI < 30)	46	14.3	2.8	8.9	19.8
Obese (BMI ≥ 30)	75	26.0	3.2	19.6	32.3
Leisure Time Physical Activity					
Participates in leisure time physical activity	85	12.9	1.7	9.5	16.3
Does not participate in leisure time physical activity	83	28.2	3.5	21.4	35.1
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	154	18.8	1.8	15.3	22.4
Smoking Status					
Current smoker	40	28.8	4.9	19.2	38.4
Non-smoker	132	14.9	1.6	11.8	18.1
Health Insurance Status					
Insured	148	15.7	1.5	12.7	18.7
Uninsured	24	26.5	5.9	15.0	38.0

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Their Physical Health Was Not Good on 14
or More Days in the Past 30 Days, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,519	10.5	0.3	10.0	11.0
North Central Kansas Public Health Initiative	113	12.5	1.4	9.7	15.3
Gender					
Men	48	14.1	2.4	9.4	18.9
Women	65	10.9	1.6	7.8	14.0
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	57	17.2	2.5	12.3	22.0
65 Years and Older	44	12.1	1.9	8.3	15.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	110	12.6	1.5	9.7	15.5
Race					
White	111	12.7	1.5	9.8	15.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	65	16.7	2.6	11.6	21.7
Some College or College Graduate	48	9.4	1.6	6.3	12.6
Annual Household Income					
Less than \$35,000 per Year	74	19.4	2.6	14.3	24.4
\$35,000 or Higher per Year	20	5.4	1.4	2.7	8.0
Disability Status					
Living with a Disability	86	38.8	4.1	30.8	46.8
Living without a Disability	25	4.3	1.1	2.2	6.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	28	7.0	1.6	3.8	10.1
Overweight (25 ≤ BMI < 30)	31	<i>12.8</i>	2.9	7.0	18.5
Obese (BMI ≥ 30)	47	<i>17.3</i>	2.8	11.8	22.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	60	9.5	1.6	6.4	12.6
Does not participate in leisure time physical activity	51	<i>19.8</i>	3.2	13.6	26.0
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	103	13.5	1.6	10.2	16.7
Smoking Status					
Current smoker	26	<i>19.1</i>	4.1	11.1	27.2
Non-smoker	87	11.0	1.5	8.1	14.0
Health Insurance Status					
Insured	99	11.9	1.5	9.0	14.7
Uninsured	14	<i>15.8</i>	4.7	6.5	25.0

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported Their Mental Health Was Not Good on 14
or More Days in the Past 30 Days, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,937	10.2	0.3	9.6	10.8
North Central Kansas Public Health Initiative	64	8.0	1.2	5.7	10.3
Gender					
Men	19	6.8	1.7	3.4	10.2
Women	45	9.1	1.6	6.0	12.2
Age Group					
18 to 44 Years	13	7.9	2.2	3.5	12.3
45 to 64 Years	37	10.9	2.0	7.1	14.8
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	64	8.2	1.2	5.9	10.6
Race					
White	62	7.8	1.1	5.5	10.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	29	8.5	1.8	5.0	12.0
Some College or College Graduate	35	7.6	1.6	4.6	10.7
Annual Household Income					
Less than \$35,000 per Year	37	12.3	2.3	7.8	16.7
\$35,000 or Higher per Year	18	5.8	1.6	2.8	8.9
Disability Status					
Living with a Disability	41	20.1	3.4	13.5	26.8
Living without a Disability	23	4.3	1.0	2.2	6.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	15	5.4	1.6	2.3	8.5
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	28	12.2	2.5	7.2	17.2
Leisure Time Physical Activity					
Participates in leisure time physical activity	37	6.5	1.2	4.1	8.9
Does not participate in leisure time physical activity	27	12.0	2.8	6.6	17.4
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	60	9.0	1.4	6.4	11.7
Smoking Status					
Current smoker	21	16.3	3.9	8.7	23.9
Non-smoker	42	6.0	1.1	3.8	8.2
Health Insurance Status					
Insured	49	7.0	1.2	4.6	9.3
Uninsured	15	13.4	3.9	5.7	21.0

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Reported Their Poor Physical or Mental Health Kept Them From Doing Their Usual Activities, such as Self-care, Work, or Recreation, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,985	39.5	0.7	38.2	40.8
North Central Kansas Public Health Initiative	140	39.6	3.2	33.3	46.0
Gender					
Men	59	45.5	5.4	35.0	56.0
Women	81	34.5	3.8	27.1	42.0
Age Group					
18 to 44 Years	30	39.1	6.1	27.1	51.2
45 to 64 Years	69	44.5	4.6	35.6	53.5
65 Years and Older	41	31.5	4.6	22.6	40.5
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	138	40.4	3.3	34.0	46.9
Race					
White	140	40.8	3.3	34.4	47.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	62	39.3	5.1	29.3	49.4
Some College or College Graduate	78	39.8	4.2	31.7	48.0
Annual Household Income					
Less than \$35,000 per Year	78	50.2	4.9	40.5	59.9
\$35,000 or Higher per Year	42	30.5	4.4	21.9	39.2
Disability Status					
Living with a Disability	86	62.3	4.8	52.9	71.8
Living without a Disability	52	26.3	3.8	18.9	33.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	29	31.8	6.1	19.9	43.7
Overweight (25 ≤ BMI < 30)	41	38.6	6.2	26.5	50.8
Obese (BMI ≥ 30)	65	46.8	5.2	36.7	57.0
Leisure Time Physical Activity					
Participates in leisure time physical activity	81	35.6	4.0	27.8	43.4
Does not participate in leisure time physical activity	57	48.4	5.7	37.3	59.6
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	119	38.1	3.4	31.4	44.9
Smoking Status					
Current smoker	30	47.9	7.8	32.7	63.2
Non-smoker	110	37.6	3.6	30.6	44.6
Health Insurance Status					
Insured	125	39.9	3.4	33.2	46.6
Uninsured	*	*	*	*	*

Numerator: Respondents reporting one or more days in the past 30 days when their poor physical or mental health kept them from doing their usual activities, such as self-care, work, or recreation.

Denominator: Among respondents with at least one day in the past 30 days when their physical or mental health was not good, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who had a Heart Attack, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,236	4.4	0.2	4.1	4.7
North Central Kansas Public Health Initiative	56	4.8	0.8	3.3	6.3
Gender					
Men	28	6.0	1.2	3.6	8.4
Women	28	3.7	0.9	1.9	5.4
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	14	4.2	1.2	1.8	6.6
65 Years and Older	41	12.4	2.1	8.3	16.4
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	53	4.6	0.7	3.1	6.1
Race					
White	56	4.9	0.8	3.4	6.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	36	7.3	1.4	4.5	10.2
Some College or College Graduate	20	2.9	0.8	1.4	4.5
Annual Household Income					
Less than \$35,000 per Year	37	8.6	1.6	5.4	11.7
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	29	9.1	1.9	5.4	12.8
Living without a Disability	26	3.5	0.8	1.9	5.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	20	5.4	1.4	2.7	8.1
Obese (BMI ≥ 30)	21	6.5	1.6	3.3	9.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	29	3.7	0.8	2.1	5.2
Does not participate in leisure time physical activity	26	7.5	1.7	4.1	10.9
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	52	5.3	0.9	3.6	7.0
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	40	4.0	0.7	2.7	5.4
Health Insurance Status					
Insured	51	4.9	0.8	3.4	6.5
Uninsured	*	*	*	*	*

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had a heart attack also called a myocardial infarction.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Percentage of Adults Who had Angina or Coronary Heart Disease, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,333	4.5	0.2	4.2	4.8
North Central Kansas Public Health Initiative	50	3.8	0.6	2.5	5.0
Gender					
Men	21	4.1	1.0	2.2	6.0
Women	29	3.4	0.8	1.9	5.0
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	14	3.4	1.0	1.5	5.3
65 Years and Older	34	8.6	1.6	5.4	11.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	49	3.7	0.6	2.5	4.9
Race					
White	50	3.9	0.6	2.6	5.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	27	4.3	1.0	2.5	6.2
Some College or College Graduate	23	3.3	0.8	1.7	5.0
Annual Household Income					
Less than \$35,000 per Year	36	7.5	1.5	4.6	10.5
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	29	7.7	1.7	4.5	11.0
Living without a Disability	20	2.3	0.6	1.1	3.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	23	5.2	1.3	2.6	7.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	31	3.6	0.8	2.1	5.1
Does not participate in leisure time physical activity	18	3.8	1.0	1.7	5.8
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	41	3.6	0.7	2.2	4.9
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	42	3.8	0.7	2.5	5.2
Health Insurance Status					
Insured	46	3.9	0.7	2.6	5.2
Uninsured	*	*	*	*	*

Numerator: Respondents reporting they had been told by a doctor, nurse, or other health professional that they had angina or coronary heart disease.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Percentage of Adults Who Had A Stroke, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	831	2.7	0.1	2.5	3.0
North Central Kansas Public Health Initiative	44	2.9	0.5	1.9	3.9
Gender					
Men	15	2.5	0.7	1.0	3.9
Women	29	3.3	0.7	1.9	4.7
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	31	7.6	1.6	4.5	10.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	44	3.0	0.5	2.0	4.0
Race					
White	42	2.8	0.5	1.8	3.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	28	4.6	1.0	2.6	6.6
Some College or College Graduate	16	1.7	0.5	0.8	2.6
Annual Household Income					
Less than \$35,000 per Year	28	5.5	1.2	3.1	7.9
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	29	7.8	1.7	4.6	11.1
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	18	3.5	0.9	1.7	5.3
Leisure Time Physical Activity					
Participates in leisure time physical activity	27	2.5	0.6	1.4	3.6
Does not participate in leisure time physical activity	16	3.7	1.1	1.6	5.8
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	40	3.1	0.6	2.0	4.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	39	3.2	0.6	2.0	4.4
Health Insurance Status					
Insured	42	3.4	0.6	2.2	4.6
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Percentage of Adults with Diagnosed Hypertension, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,234	30.8	0.4	30.1	31.6
North Central Kansas Public Health Initiative	367	33.6	1.9	29.8	37.3
Gender					
Men	130	32.3	3.0	26.4	38.1
Women	237	34.8	2.4	30.1	39.5
Age Group					
18 to 44 Years	23	13.4	3.0	7.6	19.3
45 to 64 Years	124	35.4	2.9	29.7	41.1
65 Years and Older	218	62.6	2.9	56.8	68.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	362	33.9	1.9	30.1	37.7
Race					
White	361	33.9	1.9	30.1	37.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	187	39.7	3.2	33.4	46.1
Some College or College Graduate	180	29.0	2.3	24.5	33.5
Annual Household Income					
Less than \$35,000 per Year	182	43.7	3.4	37.0	50.3
\$35,000 or Higher per Year	116	23.9	2.3	19.3	28.5
Disability Status					
Living with a Disability	148	50.2	3.9	42.4	57.9
Living without a Disability	212	27.9	2.1	23.8	32.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	87	21.4	2.8	16.0	26.9
Overweight (25 ≤ BMI < 30)	111	33.6	3.4	26.9	40.3
Obese (BMI ≥ 30)	146	44.0	3.6	37.0	51.0
Leisure Time Physical Activity					
Participates in leisure time physical activity	231	30.7	2.2	26.3	35.1
Does not participate in leisure time physical activity	131	40.1	3.7	32.8	47.4
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	31	24.7	5.3	14.3	35.2
Did Not Meet Both Aerobic and Strengthening Guidelines	315	34.1	2.1	30.0	38.2
Smoking Status					
Current smoker	41	24.1	4.2	15.9	32.3
Non-smoker	323	35.8	2.1	31.6	39.9
Health Insurance Status					
Insured	344	36.2	2.0	32.2	40.1
Uninsured	23	20.7	4.9	11.0	30.4

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 18 Years and Older Who Did Not Get Immunized
Against Influenza During the Past 12 Months, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	10,021	58.3	0.4	57.4	59.2
North Central Kansas Public Health Initiative	476	62.8	2.0	58.8	66.8
Gender					
Men	190	66.1	3.2	59.9	72.3
Women	286	59.6	2.6	54.6	64.7
Age Group					
18 to 44 Years	116	72.6	3.8	65.1	80.1
45 to 64 Years	218	65.5	2.9	59.8	71.2
65 Years and Older	139	43.4	3.0	37.4	49.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	465	62.7	2.1	58.6	66.7
Race					
White	462	62.5	2.1	58.5	66.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	192	64.2	3.1	58.1	70.4
Some College or College Graduate	283	61.7	2.7	56.5	66.9
Annual Household Income					
Less than \$35,000 per Year	175	62.6	3.3	56.1	69.0
\$35,000 or Higher per Year	232	62.8	2.9	57.1	68.6
Disability Status					
Living with a Disability	110	51.6	3.9	44.0	59.3
Living without a Disability	366	66.5	2.4	61.8	71.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	152	64.9	3.6	57.8	72.1
Overweight (25 ≤ BMI <30)	157	62.9	3.6	55.9	70.0
Obese (BMI ≥ 30)	142	59.0	3.6	52.0	66.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	317	61.1	2.5	56.3	66.0
Does not participate in leisure time physical activity	157	66.4	3.6	59.4	73.4
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	45	56.6	6.6	43.7	69.5
Did Not Meet Both Aerobic and Strengthening Guidelines	413	63.6	2.2	59.3	67.9
Smoking Status					
Current smoker	95	80.5	3.9	72.9	88.2
Non-smoker	380	58.9	2.3	54.5	63.4
Health Insurance Status					
Insured	408	58.3	2.1	54.2	62.5
Uninsured	66	84.9	5.2	74.6	95.1

Numerator: Respondents who reported they did not have a flu shot or vaccine sprayed in the nose during the past 12 months.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 65 Years and Older Who Did Not Get Immunized
Against Influenza During the Past 12 Months, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,059	32.4	0.7	31.0	33.7
North Central Kansas Public Health Initiative	139	43.4	3.0	37.4	49.3
Gender					
Men	41	40.9	5.3	30.5	51.3
Women	98	45.0	3.6	37.8	52.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	134	42.6	3.1	36.6	48.6
Race					
White	136	43.2	3.1	37.2	49.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	80	44.7	4.0	36.8	52.6
Some College or College Graduate	59	41.3	4.5	32.4	50.2
Annual Household Income					
Less than \$35,000 per Year	65	38.8	4.3	30.4	47.1
\$35,000 or Higher per Year	49	54.7	5.5	43.8	65.5
Disability Status					
Living with a Disability	41	34.5	4.8	25.2	43.8
Living without a Disability	98	48.9	3.9	41.2	56.6
Weight Category					
Normal or Underweight (BMI <25)	47	37.6	4.9	28.1	47.1
Overweight (25 ≤ BMI < 30)	53	51.6	5.3	41.2	61.9
Obese (BMI ≥ 30)	34	37.9	5.6	27.0	48.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	<i>87</i>	<i>42.4</i>	<i>3.8</i>	<i>35.0</i>	<i>49.8</i>
Does not participate in leisure time physical activity	<i>51</i>	<i>45.0</i>	<i>5.1</i>	<i>35.0</i>	<i>55.1</i>
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>122</i>	<i>43.8</i>	<i>3.3</i>	<i>37.4</i>	<i>50.1</i>
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	<i>127</i>	<i>42.3</i>	<i>3.1</i>	<i>36.2</i>	<i>48.4</i>
Health Insurance Status					
Insured	<i>135</i>	<i>43.0</i>	<i>3.1</i>	<i>37.0</i>	<i>49.0</i>
Uninsured	*	*	*	*	*

Numerator: Respondents ages 65 years and older who reported they did not receive a flu shot or vaccine sprayed in the nose during the past 12 months.

Denominator: All respondents ages 65 years and older, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Ages 65 Years and Older Who Never Had Pneumonia
Vaccination, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,792	29.2	0.7	27.9	30.6
North Central Kansas Public Health Initiative	129	41.5	3.1	35.5	47.5
Gender					
Men	42	45.2	5.5	34.4	55.9
Women	87	39.2	3.6	32.1	46.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	123	40.4	3.1	34.3	46.5
Race					
White	125	41.1	3.1	35.0	47.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	81	46.0	4.1	38.0	54.0
Some College or College Graduate	48	34.3	4.5	25.5	43.1
Annual Household Income					
Less than \$35,000 per Year	57	39.6	4.5	30.8	48.3
\$35,000 or Higher per Year	44	47.8	5.6	36.7	58.9
Disability Status					
Living with a Disability	40	32.3	4.8	23.0	41.6
Living without a Disability	89	47.1	4.0	39.3	54.9
Weight Category					
Normal or Underweight (BMI <25)	44	36.8	5.0	27.0	46.5
Overweight (25 ≤ BMI < 30)	46	48.2	5.4	37.6	58.8
Obese (BMI ≥ 30)	37	41.9	5.7	30.6	53.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	83	41.3	3.8	33.9	48.8
Does not participate in leisure time physical activity	45	41.4	5.2	31.1	51.6
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	109	40.5	3.3	34.1	47.0
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	116	40.0	3.2	33.8	46.2
Health Insurance Status					
Insured	124	40.9	3.1	34.8	46.9
Uninsured	*	*	*	*	*

Numerator: Respondents ages 65 years and older who reported they never had a pneumonia vaccination.

Denominator: All respondents ages 65 years and older, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults who are Obese, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,907	29.6	0.4	28.7	30.4
North Central Kansas Public Health Initiative	275	34.2	2.1	30.2	38.3
Gender					
Men	123	36.8	3.2	30.5	43.1
Women	152	31.5	2.6	26.5	36.6
Age Group					
18 to 44 Years	54	32.6	4.1	24.6	40.5
45 to 64 Years	119	38.9	3.7	32.8	44.9
65 Years and Older	102	30.2	2.8	24.7	35.7
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	267	33.8	2.1	29.7	37.9
Race					
White	271	34.2	2.1	30.1	38.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	119	33.9	3.2	27.6	40.2
Some College or College Graduate	156	34.5	2.7	29.2	39.8
Annual Household Income					
Less than \$35,000 per Year	112	36.4	3.5	29.6	43.3
\$35,000 or Higher per Year	129	35.2	2.9	29.4	41.0
Disability Status					
Living with a Disability	107	42.9	4.0	35.1	50.7
Living without a Disability	163	31.5	2.4	26.7	36.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	176	33.5	2.5	28.6	38.4
Does not participate in leisure time physical activity	96	36.6	3.9	29.0	44.2
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	17	17.0	4.4	8.4	25.6
Did Not Meet Both Aerobic and Strengthening Guidelines	246	36.3	2.3	31.8	40.8
Smoking Status					
Current smoker	37	31.8	5.2	21.6	42.0
Non-smoker	234	34.5	2.2	30.1	38.9
Health Insurance Status					
Insured	244	33.7	2.1	29.6	37.9
Uninsured	31	37.4	6.8	24.0	50.8

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who are Overweight or Obese, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	12,869	64.4	0.5	63.5	65.3
North Central Kansas Public Health Initiative	562	67.7	2.1	63.6	71.8
Gender					
Men	258	76.5	3.2	70.2	82.7
Women	304	58.5	2.7	53.3	63.8
Age Group					
18 to 44 Years	101	62.0	4.4	53.3	70.6
45 to 64 Years	248	75.2	2.6	70.1	80.3
65 Years and Older	213	65.8	2.9	60.2	71.4
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	548	67.2	2.1	63.0	71.4
Race					
White	553	67.9	2.1	63.7	72.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	228	67.3	3.3	60.8	73.8
Some College or College Graduate	334	68.0	2.7	62.6	73.3
Annual Household Income					
Less than \$35,000 per Year	210	66.1	3.5	59.1	73.0
\$35,000 or Higher per Year	273	68.8	3.0	63.0	74.7
Disability Status					
Living with a Disability	185	79.4	2.9	73.6	85.1
Living without a Disability	362	63.3	2.6	58.2	68.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	365	64.7	2.5	59.7	69.7
Does not participate in leisure time physical activity	185	74.2	3.9	66.6	81.8
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	52	54.6	6.7	41.4	67.8
Did Not Meet Both Aerobic and Strengthening Guidelines	481	69.1	2.3	64.7	73.5
Smoking Status					
Current smoker	80	62.2	5.6	51.1	73.2
Non-smoker	478	68.9	2.2	64.5	73.3
Health Insurance Status					
Insured	513	68.6	2.1	64.5	72.7
Uninsured	48	63.0	7.5	48.4	77.6

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported That They Do Not Always Wear a Seatbelt
When They Drive or Ride in a Car, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,339	19.4	0.4	18.6	20.1
North Central Kansas Public Health Initiative	219	29.9	2.1	25.8	34.0
Gender					
Men	129	41.8	3.4	35.1	48.5
Women	90	18.5	2.3	13.9	23.0
Age Group					
18 to 44 Years	46	31.2	4.2	22.9	39.4
45 to 64 Years	102	32.5	3.0	26.7	38.3
65 Years and Older	71	24.5	2.7	19.1	29.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	215	30.3	2.1	26.1	34.4
Race					
White	218	30.6	2.1	26.4	34.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	91	30.3	3.4	23.6	37.1
Some College or College Graduate	128	29.6	2.6	24.6	34.6
Annual Household Income					
Less than \$35,000 per Year	84	25.8	3.1	19.8	31.9
\$35,000 or Higher per Year	108	30.7	2.9	25.2	36.3
Disability Status					
Living with a Disability	63	29.6	3.9	21.9	37.2
Living without a Disability	155	30.0	2.4	25.2	34.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	50	21.2	3.4	14.5	27.9
Overweight (25 ≤ BMI <30)	75	32.9	3.7	25.6	40.3
Obese (BMI ≥ 30)	88	36.1	3.6	29.0	43.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	136	27.2	2.5	22.4	32.1
Does not participate in leisure time physical activity	83	36.6	3.9	29.0	44.2
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	18	30.4	7.4	15.9	44.9
Did Not Meet Both Aerobic and Strengthening Guidelines	194	30.1	2.2	25.8	34.5
Smoking Status					
Current smoker	41	29.6	5.1	19.5	39.6
Non-smoker	175	29.9	2.3	25.5	34.4
Health Insurance Status					
Insured	190	28.6	2.1	24.5	32.7
Uninsured	28	36.2	6.9	22.8	49.7

Numerator: Respondents who reported they nearly always, sometimes, seldom, or never use a seatbelt when they ride or drive in a car.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Currently Smoke Cigarettes, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,547	22.0	0.4	21.2	22.8
North Central Kansas Public Health Initiative	132	18.7	1.8	15.1	22.3
Gender					
Men	57	21.7	3.0	15.7	27.6
Women	75	15.8	2.0	11.9	19.8
Age Group					
18 to 44 Years	35	23.6	3.8	16.1	31.2
45 to 64 Years	75	21.8	2.6	16.8	26.8
65 Years and Older	22	6.5	1.6	3.4	9.7
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	127	18.4	1.8	14.8	22.0
Race					
White	128	18.2	1.8	14.7	21.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	76	25.0	3.2	18.7	31.3
Some College or College Graduate	56	14.0	2.1	10.0	18.0
Annual Household Income					
Less than \$35,000 per Year	72	26.4	3.4	19.8	32.9
\$35,000 or Higher per Year	45	14.9	2.4	10.3	19.6
Disability Status					
Living with a Disability	45	21.1	3.5	14.3	27.9
Living without a Disability	86	18.2	2.2	14.0	22.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	45	22.3	3.7	15.0	29.5
Overweight (25 ≤ BMI < 30)	43	17.2	3.7	11.2	23.3
Obese (BMI ≥ 30)	37	17.8	3.1	11.8	23.9
Leisure Time Physical Activity					
Participates in leisure time physical activity	79	17.9	2.2	13.6	22.1
Does not participate in leisure time physical activity	52	21.5	3.6	14.5	28.4
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	118	19.7	2.0	15.7	23.7
Health Insurance Status					
Insured	92	13.6	1.6	10.5	16.7
Uninsured	40	44.9	7.1	31.0	58.7

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Stopped Smoking for One Day or Longer Because
They Were Trying to Quit Smoking, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,868	55.5	1.1	53.4	57.6
North Central Kansas Public Health Initiative	76	66.2	4.9	56.5	75.9
Gender					
Men	33	67.5	7.1	53.5	81.4
Women	43	64.5	6.5	51.8	77.3
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	40	57.2	6.5	44.4	70.0
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	74	68.7	4.8	59.3	78.1
Race					
White	75	67.5	4.9	57.9	77.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	45	71.2	6.1	59.3	83.2
Some College or College Graduate	31	59.5	7.8	44.2	74.8
Annual Household Income					
Less than \$35,000 per Year	40	61.8	7.2	47.6	76.0
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	55	71.7	5.7	60.5	82.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	48	68.3	6.0	56.6	80.0
Does not participate in leisure time physical activity	28	62.9	8.8	45.7	80.1
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	68	65.5	5.3	55.1	75.9
Health Insurance Status					
Insured	54	67.2	5.4	56.5	77.9
Uninsured	*	*	*	*	*

Numerator: Current smokers who stopped smoking for one day or longer because they were trying to quit smoking.

Denominator: Among current smokers, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Adults Who Currently Use Any Smokeless Tobacco Products, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	760	5.3	0.2	4.9	5.8
North Central Kansas Public Health Initiative	44	9.0	1.5	6.0	12.0
Gender					
Men	42	18.1	2.9	12.3	23.8
Women	*	*	*	*	*
Age Group					
18 to 44 Years	20	16.2	3.5	9.3	23.1
45 to 64 Years	16	5.3	1.4	2.5	8.1
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	43	8.9	1.5	5.9	11.9
Race					
White	42	8.8	1.5	5.8	11.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	22	11.5	2.7	6.2	16.9
Some College or College Graduate	22	7.2	1.7	3.8	10.6
Annual Household Income					
Less than \$35,000 per Year	16	10.4	2.8	4.8	15.9
\$35,000 or Higher per Year	19	6.4	1.6	3.3	9.6
Disability Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	31	9.1	1.8	5.6	12.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	20	12.8	3.7	6.6	19.0
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	28	8.8	1.9	5.2	12.5
Does not participate in leisure time physical activity	*	*	*	*	*
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	38	8.9	1.7	5.7	12.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	35	8.8	1.7	5.5	12.1
Health Insurance Status					
Insured	35	8.2	1.6	5.1	11.2
Uninsured	*	*	*	*	*

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Percentage of Men Who Currently Use Any Smokeless Tobacco Products, 2011

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	684	10.1	0.4	9.2	11.0
North Central Kansas Public Health Initiative	42	18.1	2.9	12.3	23.8
Age Group					
18 to 44 Years	19	28.9	5.9	17.4	40.4
45 to 64 Years	15	10.2	2.8	4.8	15.6
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	41	17.8	3.0	12.0	23.6
Race					
White	40	17.5	2.9	11.8	23.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	21	21.6	4.8	12.1	31.0
Some College or College Graduate	21	15.1	3.5	8.2	22.0
Annual Household Income					
Less than \$35,000 per Year	15	20.8	5.3	10.4	31.2
\$35,000 or Higher per Year	19	11.9	2.9	6.2	17.6
Disability Status					
Living with a Disability	*	*	*	*	*
Living without a Disability	30	18.4	3.4	11.7	25.1
Weight Category					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	20	21.1	4.9	11.5	30.8
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	27	20.0	4.0	12.2	27.8
Does not participate in leisure time physical activity	*	*	*	*	*
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	36	17.2	3.1	11.1	23.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	34	18.4	3.3	11.9	24.8
Health Insurance Status					
Insured	34	17.1	3.1	11.0	23.2
Uninsured	*	*	*	*	*

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

Denominator: All male respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Ever Served on Active Duty in the United States
Armed Forces, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,699	11.5	0.3	11.0	12.1
North Central Kansas Public Health Initiative	106	11.9	1.3	9.3	14.4
Gender					
Men	94	21.6	2.5	16.7	26.5
Women	*	*	*	*	*
Age Group					
18 to 44 Years	14	7.7	2.2	3.5	12.0
45 to 64 Years	38	11.9	2.1	7.8	15.9
65 Years and Older	54	18.6	2.5	13.8	23.4
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	103	11.8	1.3	9.2	14.4
Race					
White	106	12.2	1.3	9.6	14.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	42	10.5	1.8	6.9	14.0
Some College or College Graduate	64	12.9	1.8	9.4	16.5
Annual Household Income					
Less than \$35,000 per Year	52	14.0	2.2	9.7	18.2
\$35,000 or Higher per Year	46	12.1	2.0	8.2	15.9
Disability Status					
Living with a Disability	41	17.2	3.0	11.4	23.0
Living without a Disability	63	10.2	1.4	7.4	13.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	21	9.1	2.2	4.7	13.5
Overweight (25 ≤ BMI <30)	48	15.0	2.3	10.4	19.5
Obese (BMI ≥ 30)	35	12.6	2.4	7.8	17.3
Leisure Time Physical Activity					
Participates in leisure time physical activity	65	10.3	1.5	7.4	13.1
Does not participate in leisure time physical activity	38	15.5	2.8	10.1	20.9
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	89	11.9	1.4	9.1	14.8
Smoking Status					
Current smoker	20	15.0	3.8	7.6	22.5
Non-smoker	86	11.2	1.3	8.6	13.9
Health Insurance Status					
Insured	98	13.2	1.5	10.3	16.1
Uninsured	*	*	*	*	*

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 and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

**Percentage of Adults Who Have Vision Impairment In One of Both Eyes, Even
When Wearing Glasses, 2011**

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,108	15.7	0.3	15.1	16.3
North Central Kansas Public Health Initiative	179	16.9	1.5	14.0	19.9
Gender					
Men	51	14.3	2.2	10.0	18.7
Women	128	19.5	2.0	15.6	23.4
Age Group					
18 to 44 Years	15	9.8	2.6	4.8	14.9
45 to 64 Years	55	15.0	2.1	10.9	19.2
65 Years and Older	108	31.1	2.8	25.6	36.7
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	176	17.0	1.5	14.1	20.0
Race					
White	177	17.2	1.5	14.2	20.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	103	19.8	2.3	15.4	24.2
Some College or College Graduate	76	14.8	2.0	10.9	18.7
Annual Household Income					
Less than \$35,000 per Year	91	23.1	2.9	17.3	28.8
\$35,000 or Higher per Year	49	11.0	1.7	7.6	14.4
Disability Status					
Living with a Disability	82	27.4	3.3	20.9	33.9
Living without a Disability	93	13.5	1.7	10.2	16.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI <25)	61	16.8	2.6	11.6	21.9
Overweight (25 ≤ BMI <30)	52	17.3	2.7	12.1	22.5
Obese (BMI ≥ 30)	62	18.5	2.8	13.1	23.9
Leisure Time Physical Activity					
Participates in leisure time physical activity	110	15.3	1.7	11.9	18.7
Does not participate in leisure time physical activity	64	20.1	3.0	14.3	25.9
Aerobic and Strengthening Exercise (2-Level)					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	154	17.7	1.7	14.4	21.0
Smoking Status					
Current smoker	19	13.2	3.2	6.9	19.5
Non-smoker	158	17.7	1.7	14.5	21.0
Health Insurance Status					
Insured	163	17.0	1.5	14.0	20.0
Uninsured	15	16.7	4.8	7.3	26.1

Numerator: Respondents who reported they had been told by a doctor, nurse, or other health professional that they have vision impairment in one of both eyes, even when wearing glasses.

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution. Please refer to Technical Notes for more information.

Technical Notes

Data on 43 health risk indicators, analyzed by various subpopulation groups (e.g. gender, age group, ethnicity, etc.), are included in this report. The indicators are summarized in tables that show:

- Unweighted Frequency: the number of respondents who reported the risk behavior
- Weighted Percentage: the prevalence estimate for the risk behavior within a particular subpopulation group category
- Standard Error: used to compute the 95% confidence limits
- Lower and upper 95% confidence limits

Prevalence estimates vary in precision depending on sample size. One way of describing the precision of an estimate is the margin of error, which is the half-width of the confidence interval. When the sample size is large for a particular subpopulation group, the corresponding margin of error for an estimate is small. When the sample size is small for a particular subpopulation group, the corresponding margin of error for an estimate is large. Large margins of error (i.e. >5) indicate that an estimate may be unreliable. Prevalence estimates that have a margin of error >5 are *italicized* in this report and should be interpreted with caution.

To determine whether two weighted percentages are significantly different from one another, the reader must compare the confidence intervals. Confidence intervals which do not overlap indicate a statistically significant difference while overlapping confidence intervals indicate that two estimates are not statistically significantly different from one another. It is incorrect to say two estimates are different if their confidence limits overlap.

Estimates have been censored with an asterisk ("*") when the sample size was inadequate and/or when the estimates were statistically unreliable. Specifically, estimates were censored when any of the following conditions were met:

- the numerator of the indicator is less than 5
- the denominator of the indicator is less than 50
- the relative standard error (RSE) is 30 percent or higher

RSE is obtained by dividing the standard error of the estimate by the estimate itself, then multiplying that result by 100 to be expressed as a percent.

2011 BRFSS data represent a new baseline for public health surveillance. Due to changes in BRFSS survey methodology, 2011 BRFSS estimates cannot be compared to estimates from previous years.

For more information on changes to the Kansas BRFSS survey methodology beginning in 2011, please visit: <http://www.kdheks.gov/brfss/newmethod.html>

For more detailed technical notes on the Kansas BRFSS, please visit: <http://www.kdheks.gov/brfss/technotes.html>