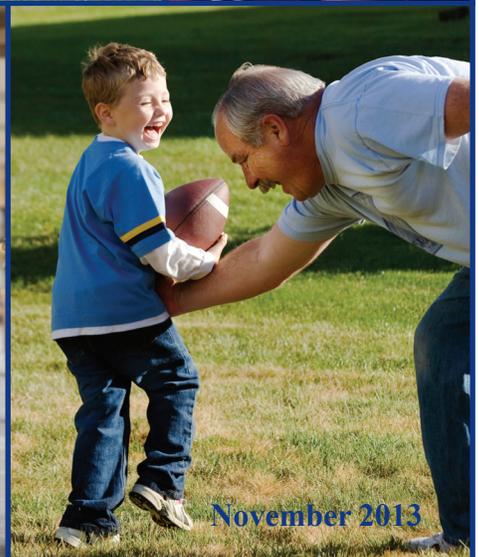


# 2011 Kansas Behavioral Risk Factor Surveillance System Local Data Southwest Surveillance Region





# **2011 Kansas Behavioral Risk Factor Surveillance System Local Data**

State of Kansas  
Sam Brownback, Governor

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

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**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](http://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.

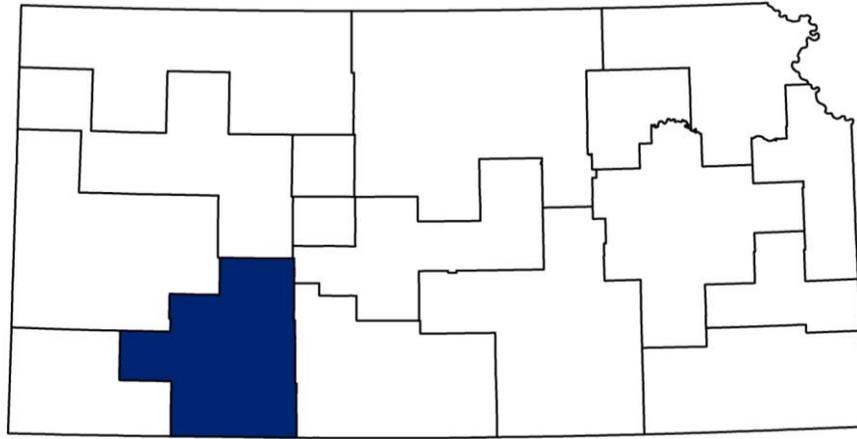
During the 2011 survey year, data were collected from more than 20,000 adult Kansans, providing estimates for 43 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 43 health risk indicators analyzed at the county or regional level. By the conclusion of the 10-year 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,



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



The Southwest Surveillance Region comprises the following counties:  
Clark, Ford, Gray, Haskell, Hodgeman, Meade

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

## Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,281	17.0	0.4	16.2	17.8
Southwest Surveillance Region	34	16.9	3.2	10.6	23.1
<b>Gender</b>					
Men	24	21.9	4.5	13.0	30.8
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	19	20.6	5.2	10.4	30.7
45 to 64 Years	13	18.9	5.2	8.7	29.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	28	16.4	3.0	10.4	22.3
<b>Race</b>					
White	25	12.6	2.5	7.6	17.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	14	14.7	4.1	6.7	22.8
Some College or College Graduate	20	20.2	5.0	10.4	30.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	21	21.0	5.0	11.3	30.8
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	27	17.7	3.7	10.5	24.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	22.8	6.0	11.0	34.6
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	24	17.7	4.0	9.8	25.5
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	24	11.9	2.6	6.8	16.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	21	12.1	3.2	5.9	18.3
<b>Health Insurance Status</b>					
Insured	29	16.4	3.2	10.2	22.7
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	823	5.4	0.2	5.0	5.9
Southwest Surveillance Region	*	*	*	*	*
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	*	*	*	*	*
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	*	*	*	*	*
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,493	23.1	0.3	22.4	23.8
Southwest Surveillance Region	96	17.7	2.2	13.5	22.0
<b>Gender</b>					
Men	45	18.3	3.2	12.1	24.5
Women	51	17.0	2.8	11.5	22.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	36	24.7	4.4	16.1	33.3
65 Years and Older	55	49.5	5.5	38.8	60.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	93	25.9	2.9	20.2	31.5
<b>Race</b>					
White	94	25.4	2.9	19.7	31.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	39	12.1	2.4	7.4	16.7
Some College or College Graduate	55	25.5	3.7	18.1	32.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	39	14.0	2.8	8.4	19.5
\$35,000 or Higher per Year	45	21.3	3.6	14.3	28.3
<b>Disability Status</b>					
Living with a Disability	43	48.5	7.1	34.6	62.4
Living without a Disability	50	11.7	2.0	7.9	15.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	12.0	3.2	5.8	18.2
Overweight (25 ≤ BMI < 30)	40	26.9	4.8	17.5	36.2
Obese (BMI ≥ 30)	31	17.9	4.0	10.2	25.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	59	15.8	2.4	11.1	20.6
Does not participate in leisure time physical activity	34	19.5	4.1	11.4	27.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	81	17.5	2.3	13.0	22.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	85	18.9	2.5	14.0	23.8
<b>Health Insurance Status</b>					
Insured	91	21.5	2.6	16.4	26.7
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,150	48.8	0.8	47.3	50.4
Southwest Surveillance Region	41	43.5	6.0	31.8	55.3
<b>Gender</b>					
Men	*	*	*	*	*
Women	22	43.5	7.7	28.3	58.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	22	42.4	7.5	27.7	57.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	41	45.8	6.0	34.1	57.5
<b>Race</b>					
White	40	43.2	6.0	31.4	55.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	25	45.2	7.9	29.7	60.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	11	24.9	7.3	10.7	39.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	27	47.7	7.5	33.0	62.3
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	34	42.0	6.4	29.5	54.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	34	41.2	6.4	28.7	53.7
<b>Health Insurance Status</b>					
Insured	37	39.7	5.9	28.1	51.4
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,709	8.8	0.3	8.2	9.3
Southwest Surveillance Region	31	8.8	2.3	4.3	13.3
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	30	11.1	2.4	6.3	15.9
<b>Race</b>					
White	28	9.6	2.2	5.2	14.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	24	16.4	4.6	7.3	25.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	22	10.0	2.9	4.2	15.8
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	27	8.0	1.9	4.2	11.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	27	9.1	2.6	4.0	14.3
<b>Health Insurance Status</b>					
Insured	29	9.1	2.1	5.0	13.3
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,108	6.9	0.2	6.5	7.2
Southwest Surveillance Region	27	4.7	1.2	2.3	7.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	20	16.2	4.1	8.1	24.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	26	6.6	1.7	3.2	10.0
<b>Race</b>					
White	25	6.1	1.6	2.9	9.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	15	13.5	3.9	5.8	21.1
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	21	4.1	1.1	1.9	6.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	25	5.1	1.4	2.3	7.9
<b>Health Insurance Status</b>					
Insured	24	5.7	1.6	2.6	8.9
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,950	6.2	0.2	5.9	6.5
Southwest Surveillance Region	30	6.6	1.5	3.6	9.6
<b>Gender</b>					
Men	15	7.0	2.1	3.0	11.0
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	18	16.3	3.9	8.7	24.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	28	9.0	2.1	5.0	13.1
<b>Race</b>					
White	29	9.6	2.2	5.3	13.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	22	11.0	2.8	5.6	16.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	19	5.6	1.7	2.3	8.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	16	14.0	4.0	6.2	21.8
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	22	6.8	1.8	3.2	10.3
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	22	5.7	1.5	2.8	8.6
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	21	5.9	1.7	2.6	9.2
<b>Health Insurance Status</b>					
Insured	29	8.2	1.9	4.4	11.9
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

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

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,379	27.1	0.5	26.2	28.0
Southwest Surveillance Region	78	37.2	3.9	29.6	44.9
<b>Gender</b>					
Men	42	40.6	5.5	29.7	51.4
Women	36	32.6	5.2	22.4	42.9
<b>Age Group</b>					
18 to 44 Years	45	57.6	6.3	45.2	69.9
45 to 64 Years	18	16.1	4.2	7.8	24.4
65 Years and Older	14	16.2	4.5	7.3	25.1
<b>Ethnicity</b>					
Hispanic	28	57.9	7.9	42.5	73.3
Non-Hispanic	50	24.5	3.6	17.4	31.6
<b>Race</b>					
White	52	26.5	3.8	19.1	33.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	44	47.3	5.6	36.4	58.3
Some College or College Graduate	32	20.6	3.9	13.0	28.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	46.3	6.6	33.2	59.3
\$35,000 or Higher per Year	33	26.5	4.7	17.2	35.8
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	67	40.4	4.4	31.7	49.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	38	53.3	6.9	39.7	66.9
Overweight (25 ≤ BMI < 30)	17	23.8	6.0	12.0	35.7
Obese (BMI ≥ 30)	17	25.0	6.7	11.8	38.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	50	36.3	4.7	27.0	45.5
Does not participate in leisure time physical activity	26	40.1	7.2	26.0	54.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	67	39.9	4.3	31.5	48.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	59	35.0	4.3	26.5	43.5
<b>Health Insurance Status</b>					
Insured	55	30.2	4.0	22.4	38.1
Uninsured	*	*	*	*	*

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,660	38.4	0.5	37.5	39.3
Southwest Surveillance Region	108	36.5	3.9	28.9	44.1
<b>Gender</b>					
Men	49	41.0	6.0	29.3	52.7
Women	59	31.3	4.6	22.2	40.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	48	36.8	5.2	26.5	47.1
65 Years and Older	43	39.2	5.4	28.6	49.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	99	39.1	3.8	31.6	46.6
<b>Race</b>					
White	101	38.6	3.9	30.9	46.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	47	35.6	6.1	23.7	47.5
Some College or College Graduate	61	37.5	4.8	28.0	46.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	37.9	7.3	23.5	52.2
\$35,000 or Higher per Year	50	34.3	5.0	24.5	44.1
<b>Disability Status</b>					
Living with a Disability	36	42.6	6.7	29.5	55.7
Living without a Disability	70	34.1	4.5	25.2	43.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	17	11.2	3.3	4.7	17.6
Overweight (25 ≤ BMI < 30)	36	40.1	6.6	27.2	53.0
Obese (BMI ≥ 30)	48	53.1	7.3	38.7	67.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	71	33.5	4.6	24.6	42.5
Does not participate in leisure time physical activity	35	42.2	6.9	28.6	55.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	92	40.6	4.4	32.0	49.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	96	38.5	4.4	30.0	47.1
<b>Health Insurance Status</b>					
Insured	98	36.8	3.8	29.3	44.3
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,658	6.6	0.2	6.2	7.0
Southwest Surveillance Region	23	5.3	1.4	2.6	8.1
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	23	8.4	2.2	4.2	12.6
<b>Race</b>					
White	22	7.2	1.9	3.4	11.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	21	5.8	1.6	2.6	9.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	17	3.8	1.1	1.7	6.0
<b>Health Insurance Status</b>					
Insured	22	6.6	1.8	3.1	10.2
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

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

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,360	15.9	0.3	15.2	16.5
Southwest Surveillance Region	40	9.5	1.9	5.7	13.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	31	15.4	3.3	8.8	21.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	23	13.9	3.3	7.5	20.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	37	13.6	2.7	8.2	18.9
<b>Race</b>					
White	37	12.9	2.6	7.7	18.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	21	10.5	2.5	5.7	15.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	18	8.5	2.3	3.9	13.1
<b>Disability Status</b>					
Living with a Disability	20	30.3	7.3	16.0	44.7
Living without a Disability	20	6.3	1.7	2.9	9.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	12.5	3.8	5.2	19.9
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	26	8.8	2.1	4.7	12.9
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	35	10.2	2.2	5.9	14.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	28	6.1	1.4	3.4	8.7
<b>Health Insurance Status</b>					
Insured	37	11.5	2.4	6.8	16.2
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,584	9.5	0.2	9.1	10.0
Southwest Surveillance Region	43	11.7	2.6	6.6	16.8
<b>Gender</b>					
Men	*	*	*	*	*
Women	25	10.9	3.0	5.1	16.8
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	18	12.6	3.3	6.1	19.0
65 Years and Older	20	16.1	3.7	8.7	23.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	38	11.0	2.1	6.9	15.1
<b>Race</b>					
White	38	12.9	3.1	6.8	18.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	22	10.8	2.7	5.4	16.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	28	11.0	3.0	5.1	16.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	22	21.3	5.7	10.1	32.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	29	12.4	3.3	5.9	18.8
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	41	13.9	3.1	7.8	19.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	40	13.5	3.2	7.3	19.6
<b>Health Insurance Status</b>					
Insured	38	10.8	2.2	6.5	15.2
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,714	23.0	0.4	22.3	23.7
Southwest Surveillance Region	71	13.6	2.0	9.6	17.5
<b>Gender</b>					
Men	29	13.2	2.9	7.4	18.9
Women	42	14.1	2.5	9.1	19.0
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	28	16.1	3.3	9.6	22.5
65 Years and Older	35	29.4	4.8	20.0	38.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	68	19.0	2.7	13.8	24.2
<b>Race</b>					
White	68	18.6	2.7	13.4	23.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	28	8.5	2.2	4.1	12.9
Some College or College Graduate	43	21.2	3.5	14.4	28.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	37	16.8	3.7	9.5	24.0
\$35,000 or Higher per Year	27	11.7	2.6	6.6	16.7
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	27	19.2	4.0	11.4	27.0
Obese (BMI ≥ 30)	28	16.2	3.9	8.6	23.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	42	11.2	2.0	7.3	15.1
Does not participate in leisure time physical activity	29	19.4	4.7	10.2	28.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	61	13.8	2.2	9.5	18.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	57	11.2	1.8	7.8	14.7
<b>Health Insurance Status</b>					
Insured	67	17.0	2.5	12.1	21.9
Uninsured	*	*	*	*	*

**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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,179	24.5	0.4	23.7	25.2
Southwest Surveillance Region	78	14.6	2.1	10.5	18.6
<b>Gender</b>					
Men	32	14.2	3.0	8.3	20.2
Women	46	15.0	2.6	9.9	20.1
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	29	16.4	3.3	9.9	22.9
65 Years and Older	41	35.0	5.1	25.0	45.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	74	20.1	2.7	14.7	25.4
<b>Race</b>					
White	74	19.6	2.7	14.3	24.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	31	9.2	2.3	4.7	13.8
Some College or College Graduate	47	22.6	3.6	15.7	29.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	17.5	3.8	10.2	24.9
\$35,000 or Higher per Year	30	12.4	2.6	7.2	17.6
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	29	19.8	4.0	12.0	27.7
Obese (BMI ≥ 30)	31	17.5	4.0	9.7	25.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	45	12.0	2.1	7.9	16.1
Does not participate in leisure time physical activity	33	20.9	4.8	11.6	30.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	68	15.0	2.3	10.5	19.4
<b>Smoking Status</b>					
Current smoker	14	23.5	6.7	10.3	36.6
Non-smoker	63	12.1	1.8	8.5	15.7
<b>Health Insurance Status</b>					
Insured	73	18.2	2.6	13.2	23.2
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	16,604	83.5	0.4	82.7	84.2
Southwest Surveillance Region	286	86.2	2.9	80.4	92.0
<b>Gender</b>					
Men	125	85.9	3.8	78.6	93.3
Women	161	86.6	4.7	77.4	95.8
<b>Age Group</b>					
18 to 44 Years	83	89.3	4.5	80.5	98.1
45 to 64 Years	112	80.7	5.2	70.5	90.8
65 Years and Older	90	87.0	3.7	79.8	94.2
<b>Ethnicity</b>					
Hispanic	48	83.8	6.6	70.7	96.8
Non-Hispanic	238	87.6	2.6	82.6	92.6
<b>Race</b>					
White	244	90.0	2.1	85.8	94.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	137	89.5	3.7	82.3	96.8
Some College or College Graduate	147	80.9	4.7	71.7	90.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	110	89.4	4.1	81.4	97.3
\$35,000 or Higher per Year	143	82.1	4.8	72.6	91.6
<b>Disability Status</b>					
Living with a Disability	68	88.7	4.4	80.1	97.4
Living without a Disability	218	86.7	3.3	80.3	93.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	82	79.9	5.9	68.4	91.4
Overweight (25 ≤ BMI < 30)	96	89.8	4.5	80.9	98.7
Obese (BMI ≥ 30)	90	88.8	5.0	79.0	98.7
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	244	89.0	2.9	83.2	94.7
<b>Health Insurance Status</b>					
Insured	245	86.5	2.9	80.7	92.2
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,956	45.3	0.5	44.4	46.2
Southwest Surveillance Region	163	47.7	3.8	40.3	55.2
<b>Gender</b>					
Men	66	44.3	5.3	33.8	54.8
Women	97	52.4	5.2	42.2	62.6
<b>Age Group</b>					
18 to 44 Years	44	48.0	6.3	35.6	60.3
45 to 64 Years	63	45.5	5.3	35.1	55.9
65 Years and Older	55	50.9	5.6	40.0	61.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	138	47.8	3.8	40.4	55.3
<b>Race</b>					
White	139	46.9	3.9	39.2	54.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	88	53.1	5.5	42.3	63.9
Some College or College Graduate	74	40.4	4.6	31.2	49.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	64	48.9	6.5	36.1	61.7
\$35,000 or Higher per Year	76	42.8	4.9	33.3	52.4
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	117	46.9	4.3	38.5	55.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	36	30.0	6.0	18.1	41.8
Overweight (25 ≤ BMI < 30)	55	55.8	6.2	43.6	67.9
Obese (BMI ≥ 30)	57	55.3	6.9	41.7	68.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	134	47.4	4.2	39.1	55.7
<b>Health Insurance Status</b>					
Insured	142	49.3	3.9	41.6	56.9
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,740	26.8	0.4	26.0	27.6
Southwest Surveillance Region	110	28.6	3.2	22.2	35.0
<b>Gender</b>					
Men	49	27.9	4.6	18.8	37.0
Women	61	29.6	4.4	21.1	38.1
<b>Age Group</b>					
18 to 44 Years	25	26.2	5.4	15.7	36.7
45 to 64 Years	42	29.5	4.6	20.4	38.5
65 Years and Older	42	34.4	5.0	24.7	44.1
<b>Ethnicity</b>					
Hispanic	16	26.1	6.7	12.9	39.4
Non-Hispanic	94	30.0	3.3	23.5	36.5
<b>Race</b>					
White	94	30.0	3.4	23.4	36.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	58	31.8	4.8	22.3	41.2
Some College or College Graduate	51	24.2	3.8	16.9	31.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	25.4	5.3	15.0	35.8
\$35,000 or Higher per Year	52	28.0	4.2	19.8	36.2
<b>Disability Status</b>					
Living with a Disability	33	41.4	7.2	27.3	55.5
Living without a Disability	77	26.8	3.6	19.8	33.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	25	20.3	5.3	9.8	30.8
Overweight (25 ≤ BMI <30)	37	36.1	5.9	24.7	47.6
Obese (BMI ≥ 30)	38	29.9	5.9	18.3	41.5
<b>Smoking Status</b>					
Current smoker	19	32.7	7.7	17.6	47.7
Non-smoker	91	27.7	3.6	20.7	34.8
<b>Health Insurance Status</b>					
Insured	99	31.7	3.5	24.8	38.5
Uninsured	*	*	*	*	*

**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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,375	41.4	0.5	40.5	42.4
Southwest Surveillance Region	137	44.5	3.8	37.1	51.9
<b>Gender</b>					
Men	75	52.0	5.5	41.2	62.7
Women	62	34.5	4.8	25.2	43.9
<b>Age Group</b>					
18 to 44 Years	45	46.2	6.3	33.9	58.6
45 to 64 Years	57	48.4	5.3	38.0	58.7
65 Years and Older	34	31.5	5.1	21.5	41.5
<b>Ethnicity</b>					
Hispanic	20	37.4	7.6	22.4	52.4
Non-Hispanic	117	48.6	3.8	41.1	56.0
<b>Race</b>					
White	118	47.3	3.9	39.6	55.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	67	47.1	5.5	36.3	58.0
Some College or College Graduate	69	40.2	4.7	31.1	49.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	52	41.9	6.3	29.6	54.2
\$35,000 or Higher per Year	68	46.2	5.0	36.4	56.1
<b>Disability Status</b>					
Living with a Disability	29	48.4	7.6	33.6	63.3
Living without a Disability	107	43.5	4.2	35.3	51.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	35	34.6	6.3	22.3	46.9
Overweight (25 ≤ BMI < 30)	44	50.2	6.3	38.0	62.5
Obese (BMI ≥ 30)	49	53.5	7.0	39.7	67.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	77	35.6	4.4	27.1	44.2
Does not participate in leisure time physical activity	60	65.9	6.2	53.8	77.9
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	125	47.8	4.1	39.8	55.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	110	40.3	4.1	32.3	48.2
<b>Health Insurance Status</b>					
Insured	117	47.4	3.9	39.7	55.1
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,908	22.3	0.4	21.4	23.1
Southwest Surveillance Region	57	20.5	3.2	14.2	26.8
<b>Gender</b>					
Men	28	23.3	4.8	13.8	32.8
Women	29	16.7	3.8	9.3	24.1
<b>Age Group</b>					
18 to 44 Years	18	21.3	5.3	10.9	31.6
45 to 64 Years	23	20.5	4.8	11.1	29.9
65 Years and Older	16	18.5	4.7	9.3	27.6
<b>Ethnicity</b>					
Hispanic	13	25.5	7.2	11.4	39.7
Non-Hispanic	44	17.7	3.0	11.9	23.5
<b>Race</b>					
White	47	18.8	3.0	12.8	24.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	29	22.6	4.8	13.2	32.0
Some College or College Graduate	27	16.3	3.5	9.5	23.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	31	19.3	3.7	12.1	26.4
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	45	20.0	3.5	13.1	27.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	20	18.1	4.6	9.1	27.2
Obese (BMI ≥ 30)	22	30.2	6.9	16.6	43.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	26	14.3	3.3	7.9	20.7
Does not participate in leisure time physical activity	31	37.0	7.0	23.2	50.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	52	22.2	3.6	15.2	29.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	42	16.6	3.2	10.3	22.9
<b>Health Insurance Status</b>					
Insured	49	22.4	3.6	15.4	29.4
Uninsured	*	*	*	*	*

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,212	16.7	0.4	15.9	17.5
Southwest Surveillance Region	48	25.9	3.8	18.4	33.4
<b>Gender</b>					
Men	29	31.4	5.4	20.8	42.1
Women	19	18.3	5.0	8.5	28.2
<b>Age Group</b>					
18 to 44 Years	25	37.4	6.4	24.8	49.9
45 to 64 Years	18	19.3	4.4	10.6	28.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	25	53.0	7.8	37.7	68.3
Non-Hispanic	23	10.5	2.4	5.7	15.2
<b>Race</b>					
White	25	13.5	3.4	6.7	20.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	36	36.4	5.5	25.7	47.2
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	32	44.0	6.6	31.2	56.9
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	41	28.5	4.4	19.9	37.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	19	38.6	7.3	24.3	52.9
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	36	29.2	4.7	19.9	38.5
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	40	25.3	4.1	17.2	33.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	39	28.1	4.5	19.3	36.9

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,123	20.1	0.5	19.2	21.0
Southwest Surveillance Region	43	30.5	4.5	21.8	39.3
<b>Gender</b>					
Men	24	35.9	6.2	23.7	48.0
Women	19	22.9	6.1	11.0	34.7
<b>Age Group</b>					
18 to 44 Years	25	37.4	6.4	24.8	49.9
45 to 64 Years	18	19.3	4.4	10.6	28.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	18	12.4	3.1	6.3	18.4
<b>Race</b>					
White	20	16.1	4.3	7.7	24.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	43.1	6.3	30.7	55.4
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	29	52.4	7.5	37.7	67.0
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	39	32.5	4.9	22.9	42.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	17	44.1	8.0	28.5	59.7
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	35	34.3	5.4	23.7	44.8
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	37	29.7	4.8	20.4	39.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	34	33.3	5.2	23.1	43.5

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,606	19.7	0.4	18.9	20.6
Southwest Surveillance Region	56	25.7	3.7	18.5	32.8
<b>Gender</b>					
Men	37	35.8	5.5	25.1	46.5
Women	19	11.9	3.0	6.0	17.8
<b>Age Group</b>					
18 to 44 Years	28	37.4	6.2	25.2	49.6
45 to 64 Years	18	14.0	3.5	7.1	20.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	22	44.6	7.9	29.0	60.1
Non-Hispanic	34	15.0	2.9	9.3	20.7
<b>Race</b>					
White	35	16.8	3.6	9.9	23.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	30	32.3	5.5	21.5	43.0
Some College or College Graduate	26	16.6	3.5	9.7	23.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	37.7	6.6	24.7	50.8
\$35,000 or Higher per Year	23	14.8	3.4	8.1	21.5
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	48	27.5	4.1	19.4	35.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	21	36.7	7.1	22.8	50.6
Overweight (25 ≤ BMI <30)	14	16.4	4.7	7.3	25.5
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	38	26.7	4.4	18.0	35.4
Does not participate in leisure time physical activity	17	24.5	6.8	11.2	37.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	48	27.5	4.1	19.4	35.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	44	26.3	4.2	18.0	34.6
<b>Health Insurance Status</b>					
Insured	36	15.4	2.9	9.8	21.0
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,334	14.3	0.3	13.7	15.0
Southwest Surveillance Region	33	13.7	2.9	8.1	19.3
<b>Gender</b>					
Men	*	*	*	*	*
Women	23	20.2	5.0	10.3	30.0
<b>Age Group</b>					
18 to 44 Years	15	18.4	5.1	8.4	28.3
45 to 64 Years	16	11.9	3.1	5.9	18.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	12	23.5	6.8	10.1	36.9
Non-Hispanic	21	8.2	1.9	4.4	11.9
<b>Race</b>					
White	22	9.4	2.3	5.0	13.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	17	14.5	3.8	7.2	21.9
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	19	19.1	4.9	9.4	28.8
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	20	12.5	3.2	6.2	18.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	12	21.6	6.3	9.3	33.9
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	24	15.3	3.7	8.1	22.6
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	27	11.9	2.6	6.7	17.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	25	14.1	3.4	7.5	20.8
<b>Health Insurance Status</b>					
Insured	16	5.1	1.4	2.3	7.9
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,614	15.0	0.3	14.4	15.6
Southwest Surveillance Region	57	15.2	2.9	9.6	20.9
<b>Gender</b>					
Men	25	15.7	4.2	7.5	24.0
Women	32	14.5	3.6	7.3	21.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	20	11.9	3.0	6.1	17.8
65 Years and Older	28	24.0	4.7	14.7	33.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	47	10.8	1.8	7.4	14.3
<b>Race</b>					
White	47	12.8	2.9	7.1	18.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	19.8	4.6	10.8	28.7
Some College or College Graduate	22	8.7	2.1	4.6	12.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	22.5	5.6	11.6	33.4
\$35,000 or Higher per Year	16	6.1	1.7	2.8	9.3
<b>Disability Status</b>					
Living with a Disability	30	32.1	6.1	20.1	44.1
Living without a Disability	26	12.7	3.3	6.2	19.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	16	11.5	3.1	5.5	17.6
Obese (BMI ≥ 30)	23	18.3	5.3	7.8	28.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	30	14.2	3.6	7.2	21.2
Does not participate in leisure time physical activity	26	18.3	5.1	8.3	28.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	51	17.3	3.4	10.6	23.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	49	16.3	3.4	9.6	23.1
<b>Health Insurance Status</b>					
Insured	46	10.7	2.1	6.7	14.8
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,519	10.5	0.3	10.0	11.0
Southwest Surveillance Region	32	6.0	1.3	3.5	8.5
<b>Gender</b>					
Men	18	6.4	1.9	2.8	10.1
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	17	13.6	3.4	6.9	20.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	30	8.3	1.8	4.7	11.9
<b>Race</b>					
White	28	6.7	1.4	3.8	9.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	20	9.1	2.3	4.7	13.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	24	10.9	2.8	5.4	16.5
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	24	29.9	6.2	17.8	42.0
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	21	6.7	1.7	3.3	10.1
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	27	6.3	1.5	3.4	9.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	28	6.2	1.5	3.4	9.1
<b>Health Insurance Status</b>					
Insured	25	5.4	1.2	3.0	7.9
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,937	10.2	0.3	9.6	10.8
Southwest Surveillance Region	22	6.4	1.7	3.0	9.8
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	21	9.5	2.6	4.4	14.5
<b>Race</b>					
White	20	8.8	2.4	4.0	13.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	20	7.3	2.1	3.2	11.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	19	7.3	2.2	3.1	11.6
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,985	39.5	0.7	38.2	40.8
Southwest Surveillance Region	55	31.8	5.1	21.7	41.9
<b>Gender</b>					
Men	25	32.6	7.6	17.7	47.6
Women	30	30.9	6.9	17.4	44.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	23	34.8	7.0	21.0	48.5
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	48	31.8	4.8	22.3	41.2
<b>Race</b>					
White	47	29.3	4.9	19.8	38.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	23	27.8	7.3	13.6	42.0
Some College or College Graduate	32	37.8	7.1	23.9	51.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	39.8	8.6	22.8	56.7
\$35,000 or Higher per Year	19	23.0	5.9	11.3	34.6
<b>Disability Status</b>					
Living with a Disability	30	57.8	9.1	39.9	75.6
Living without a Disability	24	23.0	5.8	11.7	34.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	29.1	8.3	12.7	45.4
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	38	33.3	6.3	20.9	45.7
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	47	34.2	5.8	22.9	45.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	44	31.2	5.8	19.8	42.6
<b>Health Insurance Status</b>					
Insured	44	32.1	5.2	21.9	42.3
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,236	4.4	0.2	4.1	4.7
Southwest Surveillance Region	22	3.1	0.7	1.7	4.5
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	18	14.5	3.5	7.6	21.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	22	4.9	1.1	2.7	7.1
<b>Race</b>					
White	22	4.6	1.1	2.5	6.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	20	3.5	0.9	1.8	5.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	20	3.4	0.9	1.7	5.1
<b>Health Insurance Status</b>					
Insured	21	4.1	1.0	2.2	6.0
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

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 Angina or Coronary Heart Disease, 2011

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,333	4.5	0.2	4.2	4.8
Southwest Surveillance Region	24	4.0	1.0	2.1	5.9
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	17	14.7	3.6	7.6	21.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	24	6.3	1.5	3.4	9.3
<b>Race</b>					
White	24	6.0	1.4	3.2	8.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	17	4.6	1.3	2.0	7.2
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	19	3.8	1.0	1.7	5.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	20	3.5	0.9	1.8	5.1
<b>Health Insurance Status</b>					
Insured	22	4.6	1.1	2.5	6.8
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

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 Stroke, 2011

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	831	2.7	0.1	2.5	3.0
Southwest Surveillance Region	*	*	*	*	*
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	*	*	*	*	*
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	*	*	*	*	*
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,234	30.8	0.4	30.1	31.6
Southwest Surveillance Region	141	28.4	3.1	22.3	34.5
<b>Gender</b>					
Men	64	30.3	4.7	21.1	39.4
Women	77	25.8	3.5	18.9	32.8
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	48	32.3	4.8	22.9	41.8
65 Years and Older	81	66.1	5.5	55.4	76.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	132	35.0	3.3	28.6	41.5
<b>Race</b>					
White	134	37.2	3.7	30.0	44.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	61	24.7	4.4	16.1	33.3
Some College or College Graduate	79	34.5	4.2	26.3	42.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	62	30.8	5.7	19.7	41.9
\$35,000 or Higher per Year	59	25.5	3.8	18.1	33.0
<b>Disability Status</b>					
Living with a Disability	48	49.5	7.1	35.7	63.4
Living without a Disability	90	25.1	3.5	18.3	31.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	30	18.4	5.4	7.9	28.9
Overweight (25 ≤ BMI <30)	50	30.0	4.9	20.4	39.6
Obese (BMI ≥ 30)	56	43.6	6.6	30.7	56.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	91	28.6	3.9	20.9	36.3
Does not participate in leisure time physical activity	46	27.6	5.0	17.9	37.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	117	30.2	3.5	23.3	37.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	128	31.4	3.6	24.3	38.4
<b>Health Insurance Status</b>					
Insured	129	31.4	3.2	25.0	37.8
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	10,021	58.3	0.4	57.4	59.2
Southwest Surveillance Region	191	63.1	3.5	56.2	70.0
<b>Gender</b>					
Men	81	57.7	5.3	47.4	68.0
Women	110	70.2	4.0	62.5	78.0
<b>Age Group</b>					
18 to 44 Years	64	68.7	5.7	57.5	79.9
45 to 64 Years	82	65.0	5.0	55.2	74.7
65 Years and Older	43	40.9	5.4	30.3	51.4
<b>Ethnicity</b>					
Hispanic	37	71.1	7.1	57.1	85.0
Non-Hispanic	154	58.5	3.6	51.3	65.6
<b>Race</b>					
White	155	59.0	3.7	51.8	66.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	89	66.5	5.1	56.5	76.4
Some College or College Graduate	101	57.6	4.6	48.7	66.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	64	64.2	6.0	52.5	76.0
\$35,000 or Higher per Year	106	64.6	4.7	55.4	73.8
<b>Disability Status</b>					
Living with a Disability	37	54.4	6.9	40.8	68.0
Living without a Disability	152	64.1	4.0	56.3	71.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	66	68.3	6.2	56.2	80.5
Overweight (25 ≤ BMI <30)	52	51.3	6.1	39.3	63.4
Obese (BMI ≥ 30)	59	65.4	6.4	52.9	78.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	126	62.7	4.3	54.3	71.0
Does not participate in leisure time physical activity	64	64.0	6.3	51.6	76.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	163	63.6	3.8	56.3	71.0
<b>Smoking Status</b>					
Current smoker	33	62.7	8.4	46.2	79.2
Non-smoker	156	63.1	3.9	55.5	70.7
<b>Health Insurance Status</b>					
Insured	157	58.8	3.8	51.4	66.2
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,059	32.4	0.7	31.0	33.7
Southwest Surveillance Region	43	40.9	5.4	30.3	51.4
<b>Gender</b>					
Men	*	*	*	*	*
Women	25	39.4	6.8	26.1	52.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	40	40.2	5.4	29.7	50.7
<b>Race</b>					
White	39	37.9	5.3	27.5	48.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	43.8	7.7	28.7	58.8
Some College or College Graduate	19	37.3	7.4	22.9	51.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	19	36.0	7.7	20.9	51.1
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	27	39.6	6.7	26.4	52.8
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>23</i>	<i>37.7</i>	<i>6.9</i>	<i>24.1</i>	<i>51.2</i>
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>37</i>	<i>42.9</i>	<i>6.0</i>	<i>31.1</i>	<i>54.7</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>37</i>	<i>39.5</i>	<i>5.6</i>	<i>28.6</i>	<i>50.4</i>
<b>Health Insurance Status</b>					
Insured	<i>41</i>	<i>40.4</i>	<i>5.5</i>	<i>29.6</i>	<i>51.1</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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,792	29.2	0.7	27.9	30.6
Southwest Surveillance Region	37	37.0	5.5	26.3	47.7
<b>Gender</b>					
Men	*	*	*	*	*
Women	19	26.7	5.9	15.1	38.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	33	32.0	5.0	22.1	41.9
<b>Race</b>					
White	32	29.8	4.9	20.2	39.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	19	37.4	7.8	22.1	52.6
Some College or College Graduate	18	36.8	7.5	22.2	51.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	25	40.3	7.0	26.6	54.0
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	19	33.4	7.2	19.2	47.5
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	32	38.8	6.1	26.9	50.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	32	33.1	5.3	22.7	43.5
<b>Health Insurance Status</b>					
Insured	37	37.9	5.6	26.9	48.8
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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,907	29.6	0.4	28.7	30.4
Southwest Surveillance Region	102	30.4	3.5	23.6	37.2
<b>Gender</b>					
Men	53	34.8	5.1	24.9	44.8
Women	49	24.0	4.2	15.9	32.2
<b>Age Group</b>					
18 to 44 Years	30	31.2	5.8	19.8	42.7
45 to 64 Years	43	33.0	5.2	22.8	43.2
65 Years and Older	28	21.3	4.0	13.4	29.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	86	29.7	3.4	23.0	36.3
<b>Race</b>					
White	87	28.3	3.3	21.9	34.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	43	31.0	5.3	20.6	41.4
Some College or College Graduate	59	30.4	4.1	22.4	38.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	38	32.3	6.3	20.0	44.6
\$35,000 or Higher per Year	54	28.8	4.2	20.6	37.0
<b>Disability Status</b>					
Living with a Disability	31	34.7	6.6	21.8	47.7
Living without a Disability	69	29.5	4.0	21.7	37.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>61</i>	<i>29.1</i>	<i>4.3</i>	<i>20.7</i>	<i>37.4</i>
Does not participate in leisure time physical activity	<i>38</i>	<i>32.0</i>	<i>6.1</i>	<i>20.0</i>	<i>43.9</i>
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>90</i>	<i>31.5</i>	<i>3.8</i>	<i>24.0</i>	<i>39.0</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>93</i>	<i>30.9</i>	<i>3.8</i>	<i>23.5</i>	<i>38.3</i>
<b>Health Insurance Status</b>					
Insured	<i>90</i>	<i>33.1</i>	<i>3.8</i>	<i>25.6</i>	<i>40.5</i>
Uninsured	*	*	*	*	*

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	12,869	64.4	0.5	63.5	65.3
Southwest Surveillance Region	212	60.0	3.9	52.4	67.7
<b>Gender</b>					
Men	105	64.8	5.4	54.2	75.5
Women	107	53.1	5.4	42.7	63.6
<b>Age Group</b>					
18 to 44 Years	48	52.0	6.6	39.1	64.8
45 to 64 Years	92	68.8	5.0	59.1	78.6
65 Years and Older	71	66.3	5.5	55.5	77.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	181	63.2	3.7	55.9	70.4
<b>Race</b>					
White	183	62.5	4.0	54.6	70.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	90	58.8	5.8	47.4	70.2
Some College or College Graduate	121	61.9	4.9	52.3	71.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	82	56.2	6.8	43.0	69.5
\$35,000 or Higher per Year	109	63.7	5.0	53.9	73.6
<b>Disability Status</b>					
Living with a Disability	60	74.3	7.3	60.1	88.6
Living without a Disability	150	58.3	4.4	49.6	67.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>134</i>	<i>55.8</i>	<i>4.8</i>	<i>46.5</i>	<i>65.2</i>
Does not participate in leisure time physical activity	<i>75</i>	<i>71.0</i>	<i>6.8</i>	<i>57.8</i>	<i>84.3</i>
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>186</i>	<i>63.0</i>	<i>4.2</i>	<i>54.7</i>	<i>71.2</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>181</i>	<i>59.1</i>	<i>4.4</i>	<i>50.4</i>	<i>67.8</i>
<b>Health Insurance Status</b>					
Insured	<i>188</i>	<i>67.0</i>	<i>3.6</i>	<i>60.0</i>	<i>74.1</i>
Uninsured	*	*	*	*	*

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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,339	19.4	0.4	18.6	20.1
Southwest Surveillance Region	77	24.8	3.3	18.3	31.3
<b>Gender</b>					
Men	44	25.5	4.3	17.0	34.0
Women	33	24.0	5.2	13.8	34.1
<b>Age Group</b>					
18 to 44 Years	24	26.6	5.6	15.7	37.6
45 to 64 Years	24	21.3	4.6	12.4	30.2
65 Years and Older	28	25.8	4.7	16.6	35.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	69	29.5	3.7	22.3	36.6
<b>Race</b>					
White	68	26.9	3.5	20.0	33.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	38	24.8	4.5	16.0	33.6
Some College or College Graduate	38	23.8	4.8	14.4	33.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	28	22.1	5.1	12.2	32.1
\$35,000 or Higher per Year	37	25.5	4.9	15.9	35.1
<b>Disability Status</b>					
Living with a Disability	18	31.2	7.3	16.8	45.5
Living without a Disability	59	24.0	3.7	16.8	31.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	23	25.2	6.1	13.2	37.3
Overweight (25 ≤ BMI <30)	23	26.0	5.6	15.0	37.0
Obese (BMI ≥ 30)	26	23.3	5.7	12.2	34.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	49	25.6	4.2	17.4	33.7
Does not participate in leisure time physical activity	28	23.1	5.1	13.1	33.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	68	23.5	3.3	17.0	30.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	61	21.0	3.4	14.4	27.6
<b>Health Insurance Status</b>					
Insured	66	26.4	3.6	19.4	33.4
Uninsured	*	*	*	*	*

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,547	22.0	0.4	21.2	22.8
Southwest Surveillance Region	51	20.6	3.1	14.5	26.7
<b>Gender</b>					
Men	35	28.9	4.8	19.5	38.3
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	15	18.8	4.8	9.3	28.2
45 to 64 Years	25	26.1	5.2	15.9	36.3
65 Years and Older	11	16.4	4.9	6.8	26.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	40	21.3	3.4	14.5	28.0
<b>Race</b>					
White	38	18.9	3.2	12.6	25.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	30	25.2	4.7	15.9	34.4
Some College or College Graduate	21	14.3	3.2	7.9	20.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	24.7	5.4	14.1	35.4
\$35,000 or Higher per Year	20	17.3	4.1	9.4	25.2
<b>Disability Status</b>					
Living with a Disability	14	34.1	7.8	18.9	49.3
Living without a Disability	36	18.8	3.4	12.1	25.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	19.3	4.8	9.9	28.7
Overweight (25 ≤ BMI < 30)	20	23.9	5.6	12.8	34.9
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	31	19.7	3.8	12.2	27.2
Does not participate in leisure time physical activity	19	23.7	5.6	12.7	34.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	40	17.9	3.1	11.8	23.9
<b>Health Insurance Status</b>					
Insured	42	22.8	3.7	15.6	30.0
Uninsured	*	*	*	*	*

**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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,868	55.5	1.1	53.4	57.6
Southwest Surveillance Region	30	70.2	7.0	56.5	83.9
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	*	*	*	*	*
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	*	*	*	*	*
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

## Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	760	5.3	0.2	4.9	5.8
Southwest Surveillance Region	16	5.6	1.6	2.5	8.8
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	15	7.8	2.3	3.4	12.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	14	5.4	1.6	2.3	8.6
<b>Health Insurance Status</b>					
Insured	15	7.2	2.1	3.0	11.3
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

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

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	684	10.1	0.4	9.2	11.0
Southwest Surveillance Region	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	13	13.9	4.1	5.7	22.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	*	*	*	*	*
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	*	*	*	*	*
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,699	11.5	0.3	11.0	12.1
Southwest Surveillance Region	35	7.2	1.4	4.4	10.0
<b>Gender</b>					
Men	32	11.1	2.3	6.5	15.7
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	20	19.0	4.2	10.7	27.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	34	10.8	2.1	6.7	14.9
<b>Race</b>					
White	34	10.2	2.0	6.3	14.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	23	9.8	2.2	5.4	14.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	16	7.3	2.1	3.2	11.4
\$35,000 or Higher per Year	17	8.1	2.3	3.6	12.7
<b>Disability Status</b>					
Living with a Disability	13	15.7	4.6	6.8	24.7
Living without a Disability	21	5.9	1.5	3.0	8.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	18	6.1	1.7	2.8	9.4
Does not participate in leisure time physical activity	16	10.1	2.8	4.6	15.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	29	7.9	1.7	4.6	11.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	25	5.9	1.4	3.2	8.7
<b>Health Insurance Status</b>					
Insured	33	9.6	1.9	5.9	13.3
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**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,108	15.7	0.3	15.1	16.3
Southwest Surveillance Region	56	10.1	1.7	6.7	13.5
<b>Gender</b>					
Men	22	8.1	2.1	4.0	12.1
Women	34	12.9	2.9	7.2	18.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	21	13.4	3.5	6.6	20.2
65 Years and Older	30	25.3	4.5	16.6	34.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	54	14.6	2.4	10.0	19.2
<b>Race</b>					
White	54	14.6	2.4	9.9	19.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	8.3	2.2	4.0	12.6
Some College or College Graduate	31	12.9	2.8	7.5	18.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	24	9.4	2.4	4.7	14.1
<b>Disability Status</b>					
Living with a Disability	21	20.9	4.9	11.4	30.5
Living without a Disability	35	8.6	1.9	4.9	12.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	24	15.6	3.8	8.0	23.1
Obese (BMI ≥ 30)	15	8.5	2.5	3.7	13.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	32	8.3	1.9	4.5	12.0
Does not participate in leisure time physical activity	23	15.0	3.8	7.5	22.5
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	48	10.9	2.0	7.0	14.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	48	9.7	1.7	6.4	13.1
<b>Health Insurance Status</b>					
Insured	54	13.1	2.2	8.7	17.5
Uninsured	*	*	*	*	*

**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>