

# 2011 Kansas Behavioral Risk Factor Surveillance System Local Data

## Western Pyramid Region



November 2013



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

State of Kansas  
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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.

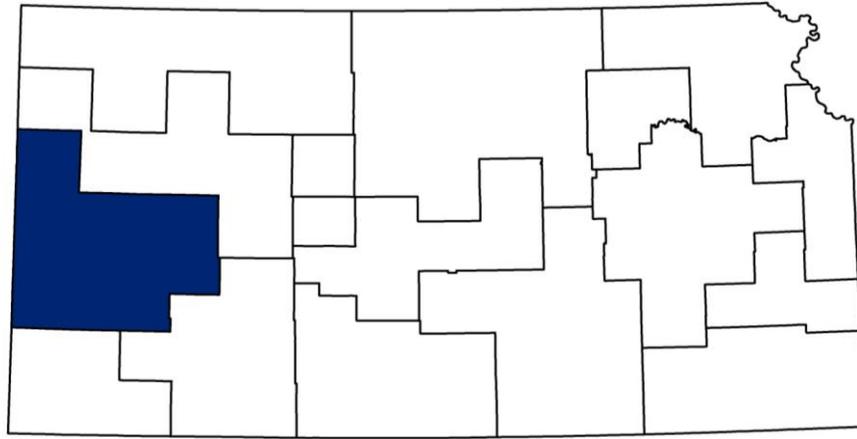
During the 2011 survey year, data were collected from more than 20,000 adult Kansans, providing estimates for 43 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 43 health risk indicators analyzed at the county or regional level. By the conclusion of the 10-year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

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

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



The Western Pyramid Region comprises the following counties:  
Finney, Greeley, Hamilton, Kearny, Lane, Scott, Wallace, Wichita

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2011 can also be accessed at <http://www.kdheks.gov/brfss/>

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# Percentage of Adults Who Are Binge Drinkers, 2011

## Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,281	17.0	0.4	16.2	17.8
Western Pyramid Region	39	14.7	2.7	9.4	20.0
<b>Gender</b>					
Men	28	24.8	5.0	15.1	34.6
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	21	20.3	4.7	11.1	29.5
45 to 64 Years	17	12.6	3.7	5.4	19.9
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	33	13.8	2.5	8.9	18.6
<b>Race</b>					
White	36	16.1	2.9	10.4	21.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	15	14.4	4.1	6.3	22.5
Some College or College Graduate	24	15.2	3.3	8.7	21.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	27	16.5	3.4	9.9	23.1
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	33	15.3	3.1	9.3	21.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	18	18.2	5.2	8.0	28.5
Obese (BMI ≥ 30)	14	18.3	5.0	8.4	28.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	29	14.0	2.9	8.4	19.6
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	35	16.0	3.1	10.0	22.0
<b>Smoking Status</b>					
Current smoker	12	29.7	7.9	14.3	45.1
Non-smoker	27	10.6	2.6	5.6	15.6
<b>Health Insurance Status</b>					
Insured	35	15.1	2.8	9.6	20.5
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	823	5.4	0.2	5.0	5.9
Western Pyramid 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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,493	23.1	0.3	22.4	23.8
Western Pyramid Region	111	18.3	2.1	14.1	22.5
<b>Gender</b>					
Men	35	16.4	3.1	10.2	22.5
Women	76	20.2	2.9	14.5	25.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	45	24.5	4.1	16.6	32.5
65 Years and Older	60	47.6	5.3	37.2	58.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	105	24.5	2.7	19.2	29.8
<b>Race</b>					
White	105	22.5	2.6	17.4	27.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	45	16.0	3.0	10.2	21.9
Some College or College Graduate	66	21.3	3.0	15.4	27.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	21.9	3.9	14.2	29.6
\$35,000 or Higher per Year	43	17.8	3.1	11.7	23.9
<b>Disability Status</b>					
Living with a Disability	63	51.4	7.1	37.5	65.3
Living without a Disability	48	11.3	2.0	7.4	15.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	23	17.8	4.6	8.7	26.9
Overweight (25 ≤ BMI < 30)	36	14.9	2.9	9.1	20.7
Obese (BMI ≥ 30)	42	21.1	4.0	13.4	28.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	72	19.1	2.7	13.9	24.3
Does not participate in leisure time physical activity	39	16.5	3.5	9.6	23.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	90	16.0	2.1	11.9	20.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	97	19.2	2.4	14.5	23.9
<b>Health Insurance Status</b>					
Insured	105	19.9	2.3	15.3	24.5
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,150	48.8	0.8	47.3	50.4
Western Pyramid Region	51	36.6	5.3	26.2	47.1
<b>Gender</b>					
Men	*	*	*	*	*
Women	39	41.6	6.8	28.2	54.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	30	44.9	7.4	30.4	59.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	49	38.8	5.5	28.0	49.7
<b>Race</b>					
White	49	39.5	5.6	28.5	50.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	31	39.1	6.8	25.7	52.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	30	47.2	8.5	30.5	63.9
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	40	55.2	8.1	39.3	71.2
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	26	27.9	5.9	16.4	39.4
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	45	43.1	6.2	30.9	55.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	46	40.2	5.9	28.7	51.7
<b>Health Insurance Status</b>					
Insured	50	40.1	5.6	29.1	51.2
Uninsured	*	*	*	*	*

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

## Percentage of Adults with Current Asthma, 2011

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,709	8.8	0.3	8.2	9.3
Western Pyramid Region	24	7.0	1.8	3.5	10.4
<b>Gender</b>					
Men	*	*	*	*	*
Women	17	8.9	2.7	3.7	14.1
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	21	8.1	2.2	3.8	12.5
<b>Race</b>					
White	21	7.1	2.0	3.2	11.1
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	18	8.9	2.4	4.2	13.7
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	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	19	7.1	2.1	3.0	11.2
<b>Health Insurance Status</b>					
Insured	23	7.4	1.9	3.7	11.2
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,108	6.9	0.2	6.5	7.2
Western Pyramid Region	33	5.5	1.1	3.3	7.6
<b>Gender</b>					
Men	*	*	*	*	*
Women	22	5.5	1.3	2.9	8.0
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	16	16.6	4.5	7.7	25.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	31	7.7	1.6	4.6	10.8
<b>Race</b>					
White	30	6.1	1.2	3.7	8.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	20	7.0	1.8	3.5	10.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	17	9.1	2.5	4.2	14.1
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	13	11.7	3.4	5.0	18.3
Living without a Disability	20	4.2	1.1	1.9	6.4

	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	29	7.1	1.5	4.1	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	26	4.5	1.0	2.5	6.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	26	4.9	1.1	2.7	7.1
<b>Health Insurance Status</b>					
Insured	29	5.3	1.1	3.1	7.6
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,950	6.2	0.2	5.9	6.5
Western Pyramid Region	37	4.7	0.9	3.0	6.4
<b>Gender</b>					
Men	16	4.4	1.2	2.0	6.9
Women	21	4.9	1.2	2.6	7.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	24	18.6	3.8	11.2	25.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	37	7.1	1.3	4.6	9.6
<b>Race</b>					
White	36	6.2	1.1	4.0	8.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	17	4.1	1.1	2.0	6.2
Some College or College Graduate	20	5.5	1.4	2.8	8.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	18	6.8	1.8	3.2	10.3
\$35,000 or Higher per Year	15	3.9	1.1	1.8	6.1
<b>Disability Status</b>					
Living with a Disability	16	13.6	3.6	6.5	20.8
Living without a Disability	21	2.8	0.7	1.5	4.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	16	7.8	2.2	3.5	12.2
Overweight (25 ≤ BMI <30)	15	5.6	1.6	2.5	8.8
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	25	4.6	1.0	2.6	6.6
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	26	3.8	0.8	2.2	5.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	33	5.2	1.0	3.2	7.2
<b>Health Insurance Status</b>					
Insured	37	5.8	1.0	3.7	7.8
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,379	27.1	0.5	26.2	28.0
Western Pyramid Region	80	32.9	3.4	26.2	39.7
<b>Gender</b>					
Men	36	32.2	5.2	22.1	42.4
Women	44	33.6	4.6	24.6	42.6
<b>Age Group</b>					
18 to 44 Years	47	51.1	5.7	40.0	62.2
45 to 64 Years	19	16.8	4.5	8.0	25.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	23	43.2	7.4	28.7	57.8
Non-Hispanic	57	27.5	3.5	20.7	34.4
<b>Race</b>					
White	61	29.2	3.6	22.2	36.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	43	40.4	5.2	30.3	50.6
Some College or College Graduate	37	24.1	4.2	15.9	32.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	36	36.1	6.0	24.3	47.8
\$35,000 or Higher per Year	30	25.5	4.4	16.8	34.2
<b>Disability Status</b>					
Living with a Disability	14	24.9	7.4	10.5	39.3
Living without a Disability	66	34.9	3.9	27.2	42.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	23	37.4	6.8	24.0	50.7
Overweight (25 ≤ BMI < 30)	26	35.7	6.2	23.5	48.0
Obese (BMI ≥ 30)	26	28.2	5.6	17.1	39.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	53	30.9	3.9	23.2	38.6
Does not participate in leisure time physical activity	27	37.6	6.9	24.1	51.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	68	33.9	3.8	26.5	41.4
<b>Smoking Status</b>					
Current smoker	21	46.1	8.2	30.2	62.1
Non-smoker	59	29.3	3.8	21.9	36.7
<b>Health Insurance Status</b>					
Insured	60	28.6	3.6	21.5	35.8
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,660	38.4	0.5	37.5	39.3
Western Pyramid Region	125	35.7	3.6	28.6	42.8
<b>Gender</b>					
Men	43	37.3	5.9	25.6	48.9
Women	82	34.3	4.3	25.8	42.7
<b>Age Group</b>					
18 to 44 Years	14	26.9	6.9	13.4	40.4
45 to 64 Years	53	37.1	5.4	26.6	47.6
65 Years and Older	57	48.9	5.6	38.0	59.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	114	38.6	3.7	31.4	45.8
<b>Race</b>					
White	110	35.6	3.7	28.4	42.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	54	40.4	6.0	28.7	52.1
Some College or College Graduate	71	31.4	4.3	23.0	39.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	50	39.1	6.8	25.9	52.3
\$35,000 or Higher per Year	57	34.6	4.8	25.2	44.1
<b>Disability Status</b>					
Living with a Disability	41	49.3	7.1	35.3	63.3
Living without a Disability	84	32.3	4.1	24.3	40.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	30	32.6	6.6	19.6	45.6
Overweight (25 ≤ BMI <30)	47	40.1	6.6	27.1	53.0
Obese (BMI ≥ 30)	40	36.5	6.3	24.1	48.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	89	36.6	4.1	28.5	44.6
Does not participate in leisure time physical activity	36	33.6	7.5	18.9	48.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	101	32.4	3.8	24.9	39.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	112	38.0	3.9	30.3	45.7
<b>Health Insurance Status</b>					
Insured	119	36.8	3.7	29.5	44.2
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,658	6.6	0.2	6.2	7.0
Western Pyramid Region	23	3.5	0.8	1.9	5.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	16	3.5	1.0	1.6	5.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	14	10.8	3.7	4.8	16.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	22	4.7	1.1	2.5	6.8
<b>Race</b>					
White	23	4.8	1.2	2.6	7.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	18	6.2	1.7	2.9	9.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	14	5.9	1.7	2.4	9.3
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	17	15.5	4.2	7.3	23.7
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	19	3.3	0.9	1.5	5.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	17	3.3	0.9	1.5	5.2
<b>Health Insurance Status</b>					
Insured	22	4.1	1.0	2.1	6.0
Uninsured	*	*	*	*	*

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

**Denominator:** All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

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

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

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,360	15.9	0.3	15.2	16.5
Western Pyramid Region	56	13.4	2.2	9.2	17.7
<b>Gender</b>					
Men	15	8.7	2.4	3.9	13.5
Women	41	17.9	3.4	11.1	24.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	29	20.4	4.2	12.3	28.6
65 Years and Older	16	11.0	3.0	5.2	16.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	50	16.4	2.7	11.1	21.7
<b>Race</b>					
White	50	15.5	2.6	10.4	20.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	19	11.8	3.1	5.7	17.8
Some College or College Graduate	37	15.6	3.0	9.6	21.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	25	18.5	4.5	9.7	27.3
\$35,000 or Higher per Year	24	11.4	2.6	6.3	16.6
<b>Disability Status</b>					
Living with a Disability	31	29.7	6.2	17.6	41.8
Living without a Disability	25	10.0	2.2	5.6	14.4

	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)	31	24.3	4.8	14.8	33.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	36	13.6	2.6	8.5	18.7
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	50	14.6	2.5	9.7	19.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	46	12.5	2.3	8.0	16.9
<b>Health Insurance Status</b>					
Insured	51	13.3	2.2	8.9	17.7
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,584	9.5	0.2	9.1	10.0
Western Pyramid Region	44	11.5	2.1	7.4	15.6
<b>Gender</b>					
Men	26	14.9	3.2	8.6	21.2
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	24	20.9	4.3	12.4	29.4
65 Years and Older	17	17.3	4.5	8.4	26.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	32	9.1	1.8	5.5	12.7
<b>Race</b>					
White	32	9.1	2.1	5.0	13.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	23	13.4	3.3	6.9	19.9
Some College or College Graduate	21	9.2	2.3	4.8	13.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	20	16.6	4.4	7.9	25.3
\$35,000 or Higher per Year	20	9.7	2.5	4.8	14.6
<b>Disability Status</b>					
Living with a Disability	18	17.4	4.6	8.4	26.3
Living without a Disability	25	9.8	2.3	5.3	14.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	26	17.9	4.0	9.9	25.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	29	10.6	2.2	6.4	14.9
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	38	11.5	2.3	7.0	16.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	37	11.3	2.2	7.0	15.6
<b>Health Insurance Status</b>					
Insured	37	10.2	2.1	6.0	14.3
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,714	23.0	0.4	22.3	23.7
Western Pyramid Region	84	15.8	2.3	11.4	20.2
<b>Gender</b>					
Men	29	15.1	3.5	8.2	22.1
Women	55	16.4	2.8	10.9	22.0
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	32	17.7	3.9	10.0	25.4
65 Years and Older	43	33.1	4.8	23.7	42.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	79	20.0	2.6	14.9	25.2
<b>Race</b>					
White	78	18.2	2.5	13.3	23.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	32	13.7	3.3	7.3	20.1
Some College or College Graduate	52	18.4	3.0	12.5	24.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	46	22.5	4.4	14.0	31.1
\$35,000 or Higher per Year	25	12.6	3.2	6.2	18.9
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	12.8	3.7	5.6	20.0
Overweight (25 ≤ BMI < 30)	27	14.2	3.4	7.5	20.8
Obese (BMI ≥ 30)	31	20.5	4.7	11.2	29.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	51	14.0	2.4	9.4	18.6
Does not participate in leisure time physical activity	33	20.0	5.1	10.0	29.9
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	74	16.0	2.5	11.1	20.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	69	15.0	2.4	10.3	19.7
<b>Health Insurance Status</b>					
Insured	77	15.5	2.3	11.0	20.0
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,179	24.5	0.4	23.7	25.2
Western Pyramid Region	96	17.9	2.3	13.3	22.5
<b>Gender</b>					
Men	33	17.2	3.7	9.9	24.5
Women	63	18.6	3.0	12.8	24.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	34	19.8	4.1	11.7	27.9
65 Years and Older	53	42.0	5.2	31.9	52.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	89	22.2	2.7	16.9	27.5
<b>Race</b>					
White	88	20.5	2.6	15.4	25.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	16.0	3.4	9.4	22.6
Some College or College Graduate	56	20.4	3.2	14.1	26.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	52	25.1	4.6	16.1	34.1
\$35,000 or Higher per Year	27	13.6	3.3	7.1	20.1
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	23	14.4	3.8	6.9	21.9
Overweight (25 ≤ BMI < 30)	30	15.6	3.5	8.7	22.5
Obese (BMI ≥ 30)	37	24.0	4.9	14.4	33.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	59	16.0	2.5	11.1	20.9
Does not participate in leisure time physical activity	37	22.4	5.2	12.2	32.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	85	18.4	2.6	13.3	23.5
<b>Smoking Status</b>					
Current smoker	16	19.7	5.9	8.2	31.3
Non-smoker	80	17.5	2.5	12.5	22.4
<b>Health Insurance Status</b>					
Insured	88	17.8	2.4	13.0	22.5
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	16,604	83.5	0.4	82.7	84.2
Western Pyramid Region	323	88.2	2.1	84.0	92.4
<b>Gender</b>					
Men	120	88.8	3.0	82.9	94.7
Women	203	87.7	3.0	81.7	93.6
<b>Age Group</b>					
18 to 44 Years	88	87.2	3.7	79.9	94.5
45 to 64 Years	130	90.2	2.5	85.3	95.0
65 Years and Older	105	86.9	3.9	79.2	94.7
<b>Ethnicity</b>					
Hispanic	53	89.9	4.4	81.4	98.5
Non-Hispanic	270	87.3	2.3	82.8	91.7
<b>Race</b>					
White	275	88.6	2.1	84.5	92.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	143	93.2	2.6	88.0	98.3
Some College or College Graduate	180	82.4	3.4	75.8	89.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	119	92.1	2.9	86.4	97.9
\$35,000 or Higher per Year	156	84.5	3.4	77.9	91.1
<b>Disability Status</b>					
Living with a Disability	85	88.8	4.4	80.2	97.3
Living without a Disability	236	88.0	2.4	83.2	92.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	84	79.3	5.4	68.7	89.8
Overweight (25 ≤ BMI <30)	110	90.9	2.9	85.2	96.5
Obese (BMI ≥ 30)	107	90.8	3.6	83.7	97.9
<b>Smoking Status</b>					
Current smoker	45	88.0	4.4	79.4	96.6
Non-smoker	277	88.2	2.4	83.4	93.0
<b>Health Insurance Status</b>					
Insured	286	86.3	2.5	81.5	91.2
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,956	45.3	0.5	44.4	46.2
Western Pyramid Region	186	53.5	3.5	46.8	60.3
<b>Gender</b>					
Men	64	52.8	5.4	42.3	63.4
Women	122	54.2	4.4	45.5	62.9
<b>Age Group</b>					
18 to 44 Years	52	52.5	5.7	41.3	63.7
45 to 64 Years	81	58.9	4.9	49.2	68.6
65 Years and Older	53	44.3	5.4	33.7	54.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	148	45.3	3.5	38.3	52.2
<b>Race</b>					
White	151	48.6	3.7	41.4	55.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	86	62.0	4.9	52.3	71.7
Some College or College Graduate	100	43.6	4.4	35.0	52.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	71	64.6	5.6	53.7	75.5
\$35,000 or Higher per Year	85	44.9	4.6	35.9	53.9
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	132	54.0	3.9	46.3	61.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	43	42.7	6.5	29.9	55.5
Overweight (25 ≤ BMI < 30)	57	50.2	6.2	38.0	62.4
Obese (BMI ≥ 30)	70	61.6	5.7	50.4	72.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	155	50.5	3.8	43.0	58.1
<b>Health Insurance Status</b>					
Insured	162	51.6	3.7	44.4	58.9
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,740	26.8	0.4	26.0	27.6
Western Pyramid Region	109	30.0	3.3	23.5	36.6
<b>Gender</b>					
Men	39	30.0	5.3	19.5	40.4
Women	70	30.1	4.1	22.0	38.2
<b>Age Group</b>					
18 to 44 Years	26	28.8	5.4	18.3	39.4
45 to 64 Years	46	34.2	5.4	23.6	44.8
65 Years and Older	37	25.5	4.3	17.0	34.0
<b>Ethnicity</b>					
Hispanic	24	45.3	7.5	30.6	60.0
Non-Hispanic	85	22.3	2.8	16.7	27.8
<b>Race</b>					
White	86	23.5	3.1	17.5	29.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	56	39.4	5.2	29.3	49.6
Some College or College Graduate	53	18.8	3.2	12.5	25.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	47	37.9	6.3	25.6	50.2
\$35,000 or Higher per Year	45	24.8	4.3	16.4	33.1
<b>Disability Status</b>					
Living with a Disability	37	37.7	7.1	23.9	51.6
Living without a Disability	72	28.6	3.8	21.2	36.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	22	18.2	5.7	8.2	28.2
Overweight (25 ≤ BMI <30)	36	32.3	6.3	20.0	44.7
Obese (BMI ≥ 30)	41	33.7	5.6	22.6	44.7
<b>Smoking Status</b>					
Current smoker	18	36.4	8.2	20.3	52.4
Non-smoker	90	28.2	3.6	21.1	35.2
<b>Health Insurance Status</b>					
Insured	95	28.0	3.4	21.3	34.7
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,375	41.4	0.5	40.5	42.4
Western Pyramid Region	142	47.2	3.5	40.3	54.0
<b>Gender</b>					
Men	73	54.5	5.3	44.2	64.9
Women	69	39.9	4.5	31.1	48.7
<b>Age Group</b>					
18 to 44 Years	47	51.2	5.8	39.9	62.5
45 to 64 Years	67	49.7	5.3	39.3	60.1
65 Years and Older	28	30.1	5.4	19.5	40.8
<b>Ethnicity</b>					
Hispanic	24	49.3	7.6	34.4	64.2
Non-Hispanic	118	46.2	3.6	39.2	53.2
<b>Race</b>					
White	124	47.9	3.7	40.7	55.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	64	49.8	5.3	39.5	60.2
Some College or College Graduate	78	44.3	4.4	35.7	53.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	47	49.3	6.3	36.9	61.8
\$35,000 or Higher per Year	78	48.3	4.6	39.3	57.3
<b>Disability Status</b>					
Living with a Disability	32	46.2	7.2	32.1	60.3
Living without a Disability	109	47.3	4.0	39.4	55.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	33	38.1	6.4	25.7	50.6
Overweight (25 ≤ BMI < 30)	49	50.9	6.1	39.0	62.9
Obese (BMI ≥ 30)	54	53.8	6.0	42.1	65.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	101	44.3	3.9	36.6	52.0
Does not participate in leisure time physical activity	41	53.7	6.9	40.1	67.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	124	49.1	3.8	41.6	56.5
<b>Smoking Status</b>					
Current smoker	24	55.1	8.3	38.8	71.3
Non-smoker	118	45.2	3.8	37.7	52.7
<b>Health Insurance Status</b>					
Insured	122	45.2	3.7	37.9	52.4
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,908	22.3	0.4	21.4	23.1
Western Pyramid Region	76	24.8	3.3	18.4	31.2
<b>Gender</b>					
Men	35	28.5	5.2	18.3	38.8
Women	41	21.4	4.0	13.6	29.2
<b>Age Group</b>					
18 to 44 Years	24	28.8	5.5	18.0	39.5
45 to 64 Years	30	21.0	4.3	12.5	29.5
65 Years and Older	22	20.9	4.8	11.5	30.4
<b>Ethnicity</b>					
Hispanic	16	35.6	7.5	20.9	50.4
Non-Hispanic	60	19.3	2.8	13.8	24.8
<b>Race</b>					
White	60	20.5	3.1	14.5	26.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	39	28.6	5.0	18.8	38.5
Some College or College Graduate	37	20.6	3.9	12.9	28.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	31.7	6.2	19.6	43.9
\$35,000 or Higher per Year	27	16.4	3.7	9.2	23.6
<b>Disability Status</b>					
Living with a Disability	20	21.9	5.2	11.8	32.0
Living without a Disability	55	25.2	3.8	17.7	32.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	27.2	6.5	14.6	39.9
Overweight (25 ≤ BMI < 30)	26	28.3	6.3	16.0	40.7
Obese (BMI ≥ 30)	28	20.9	4.7	11.8	30.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	46	19.7	3.3	13.2	26.1
Does not participate in leisure time physical activity	30	37.2	7.3	22.9	51.5
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	69	26.4	3.6	19.3	33.6
<b>Smoking Status</b>					
Current smoker	14	29.5	7.6	14.6	44.3
Non-smoker	62	23.7	3.6	16.6	30.8
<b>Health Insurance Status</b>					
Insured	61	20.5	3.2	14.2	26.7
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,212	16.7	0.4	15.9	17.5
Western Pyramid Region	39	18.3	3.0	12.4	24.2
<b>Gender</b>					
Men	16	17.1	4.5	8.2	25.9
Women	23	19.5	4.0	11.6	27.3
<b>Age Group</b>					
18 to 44 Years	21	23.8	5.0	14.0	33.7
45 to 64 Years	16	17.0	4.5	8.2	25.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	18	32.7	7.0	19.0	46.5
Non-Hispanic	21	11.0	2.6	6.0	16.0
<b>Race</b>					
White	21	10.8	2.6	5.8	15.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	28	26.8	4.8	17.4	36.2
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	25	33.9	6.2	21.7	46.1
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	30	17.9	3.4	11.3	24.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	15	24.5	6.7	12.6	36.4
Obese (BMI ≥ 30)	13	15.8	4.4	7.2	24.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	25	15.9	3.1	9.8	22.1
Does not participate in leisure time physical activity	14	23.9	6.7	10.8	37.0
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	37	20.3	3.4	13.6	26.9
<b>Smoking Status</b>					
Current smoker	15	29.4	7.3	15.0	43.8
Non-smoker	24	15.3	3.3	8.9	21.7

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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,123	20.1	0.5	19.2	21.0
Western Pyramid Region	37	21.1	3.5	14.2	27.9
<b>Gender</b>					
Men	15	18.5	5.0	8.6	28.4
Women	22	23.6	4.8	14.1	33.2
<b>Age Group</b>					
18 to 44 Years	21	23.8	5.0	14.0	33.7
45 to 64 Years	16	17.0	4.5	8.2	25.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	17	33.9	7.4	19.4	48.3
Non-Hispanic	20	13.1	3.1	7.0	19.2
<b>Race</b>					
White	21	13.3	3.1	7.2	19.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	30.8	5.6	19.9	41.8
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	41.5	7.6	26.5	56.5
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	28	19.3	3.7	11.9	26.6

	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	28.3	7.1	14.3	42.3
Obese (BMI ≥ 30)	13	18.1	5.0	8.3	27.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	24	18.5	3.7	11.2	25.8
Does not participate in leisure time physical activity	13	26.7	7.6	11.9	41.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	36	23.6	3.9	15.9	31.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	22	17.8	3.9	10.1	25.6

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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,606	19.7	0.4	18.9	20.6
Western Pyramid Region	59	27.5	3.5	20.7	34.3
<b>Gender</b>					
Men	38	42.2	5.5	31.4	53.0
Women	21	13.9	3.4	7.2	20.6
<b>Age Group</b>					
18 to 44 Years	34	40.1	5.6	29.0	51.1
45 to 64 Years	19	19.8	5.1	9.7	29.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	24	49.1	7.5	34.5	63.7
Non-Hispanic	35	16.3	3.0	10.5	22.1
<b>Race</b>					
White	37	17.7	3.2	11.5	23.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	33	36.4	5.3	26.0	46.9
Some College or College Graduate	26	16.8	3.5	9.9	23.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	37.6	6.6	24.7	50.5
\$35,000 or Higher per Year	25	18.6	3.9	10.9	26.3
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	52	29.5	3.9	21.8	37.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	18	23.1	5.8	11.8	34.4
Overweight (25 ≤ BMI <30)	23	34.6	6.5	21.9	47.3
Obese (BMI ≥ 30)	17	26.9	6.0	15.2	38.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	43	24.6	3.7	17.3	32.0
Does not participate in leisure time physical activity	16	34.1	7.3	19.7	48.5
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	52	29.7	3.9	22.1	37.2
<b>Smoking Status</b>					
Current smoker	16	41.2	8.2	25.1	57.2
Non-smoker	43	23.7	3.8	16.3	31.1
<b>Health Insurance Status</b>					
Insured	44	22.7	3.5	15.8	29.7
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,334	14.3	0.3	13.7	15.0
Western Pyramid Region	37	14.4	2.7	9.1	19.6
<b>Gender</b>					
Men	*	*	*	*	*
Women	25	17.3	3.8	9.8	24.8
<b>Age Group</b>					
18 to 44 Years	17	16.8	4.2	8.5	25.1
45 to 64 Years	17	16.5	4.7	7.4	25.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	16	25.3	6.3	12.9	37.7
Non-Hispanic	21	8.8	2.3	4.2	13.4
<b>Race</b>					
White	23	10.3	2.5	5.3	15.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	21	20.4	4.4	11.8	29.1
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	27	26.0	5.5	15.2	36.8
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	28	14.2	3.0	8.3	20.1

	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	24	13.3	3.0	7.5	19.1
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	32	14.6	2.9	8.9	20.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	26	13.4	3.0	7.4	19.3
<b>Health Insurance Status</b>					
Insured	19	8.5	2.5	3.6	13.4
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,614	15.0	0.3	14.4	15.6
Western Pyramid Region	74	15.9	2.4	11.3	20.6
<b>Gender</b>					
Men	31	19.3	4.1	11.3	27.4
Women	43	12.8	2.4	8.0	17.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	33	27.0	5.1	17.1	36.9
65 Years and Older	37	33.3	5.3	23.0	43.6
<b>Ethnicity</b>					
Hispanic	14	19.9	5.6	8.9	31.0
Non-Hispanic	60	13.9	2.1	9.9	18.0
<b>Race</b>					
White	59	12.1	1.8	8.5	15.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	31	15.8	3.5	8.9	22.7
Some College or College Graduate	43	16.2	3.0	10.3	22.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	22.4	4.5	13.6	31.2
\$35,000 or Higher per Year	21	11.0	3.2	4.7	17.4
<b>Disability Status</b>					
Living with a Disability	43	33.6	5.7	22.4	44.8
Living without a Disability	31	12.2	2.7	7.0	17.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	25	17.6	4.6	8.6	26.6
Obese (BMI ≥ 30)	26	17.5	4.1	9.4	25.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	46	14.4	2.5	9.6	19.2
Does not participate in leisure time physical activity	28	19.5	5.3	9.1	30.0
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	62	14.6	2.4	9.8	19.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	63	17.0	2.7	11.7	22.3
<b>Health Insurance Status</b>					
Insured	66	15.3	2.4	10.6	20.1
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,519	10.5	0.3	10.0	11.0
Western Pyramid Region	45	8.7	1.8	5.2	12.2
<b>Gender</b>					
Men	19	10.9	3.7	4.8	17.0
Women	26	6.6	1.7	3.3	9.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	26	14.0	3.3	7.5	20.5
65 Years and Older	14	9.0	2.6	4.0	14.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	38	7.9	1.5	4.9	10.9
<b>Race</b>					
White	37	6.8	1.3	4.2	9.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	30	10.2	2.5	5.3	15.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	31	19.3	4.5	10.6	28.1
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	32	27.5	6.0	15.8	39.2
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	24	6.7	1.6	3.5	9.9
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	37	8.5	2.0	4.7	12.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	33	6.6	1.5	3.6	9.6
<b>Health Insurance Status</b>					
Insured	40	8.6	1.9	4.8	12.3
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,937	10.2	0.3	9.6	10.8
Western Pyramid Region	23	6.4	1.7	3.2	9.7
<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	20	6.2	1.5	3.3	9.1
<b>Race</b>					
White	21	6.6	1.7	3.4	9.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	16	7.5	2.2	3.2	11.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	17	14.6	4.3	6.2	23.0
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	14	12.9	3.7	5.7	20.1
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	15	5.9	1.8	2.5	9.4
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	7.2	1.9	3.4	11.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	19	5.6	1.7	2.3	8.8
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,985	39.5	0.7	38.2	40.8
Western Pyramid Region	64	31.1	4.6	22.2	40.1
<b>Gender</b>					
Men	24	33.8	7.3	19.5	48.1
Women	40	28.6	5.6	17.6	39.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	30	35.5	6.7	22.4	48.7
65 Years and Older	22	33.7	7.2	19.5	47.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	58	38.1	5.1	28.2	48.0
<b>Race</b>					
White	58	36.9	5.1	26.9	47.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	28	31.3	6.6	18.3	44.3
Some College or College Graduate	36	30.8	6.0	19.2	42.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	32	35.8	7.8	20.6	51.0
\$35,000 or Higher per Year	22	25.0	6.0	13.3	36.8
<b>Disability Status</b>					
Living with a Disability	41	60.9	7.0	47.2	74.7
Living without a Disability	23	19.9	5.0	10.0	29.7

	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)	25	37.5	7.9	22.0	53.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	39	30.0	5.0	20.2	39.8
Does not participate in leisure time physical activity	25	33.6	9.7	14.6	52.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	55	31.1	5.1	21.2	41.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	49	28.4	4.9	18.8	38.1
<b>Health Insurance Status</b>					
Insured	56	30.3	4.8	20.8	39.8
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,236	4.4	0.2	4.1	4.7
Western Pyramid Region	27	4.5	1.1	2.3	6.6
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	21	18.4	4.4	9.7	27.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	25	5.7	1.4	3.0	8.5
<b>Race</b>					
White	23	4.5	1.1	2.3	6.8
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	9.0	2.6	3.8	14.1
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	16	4.3	1.3	1.8	6.8
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	24	4.2	1.1	2.0	6.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	22	4.6	1.3	2.1	7.1
<b>Health Insurance Status</b>					
Insured	27	5.5	1.4	2.8	8.1
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,333	4.5	0.2	4.2	4.8
Western Pyramid Region	20	4.0	1.2	1.7	6.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	14	13.4	3.6	6.3	20.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	18	4.4	1.2	2.1	6.7
<b>Race</b>					
White	17	3.9	1.1	1.8	6.1
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	16	3.6	1.0	1.6	5.5
<b>Health Insurance Status</b>					
Insured	20	4.9	1.4	2.1	7.6
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	831	2.7	0.1	2.5	3.0
Western Pyramid 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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,234	30.8	0.4	30.1	31.6
Western Pyramid Region	154	32.7	3.1	26.8	38.7
<b>Gender</b>					
Men	54	35.2	4.9	25.6	44.8
Women	100	30.4	3.7	23.2	37.7
<b>Age Group</b>					
18 to 44 Years	19	18.9	4.3	10.5	27.3
45 to 64 Years	57	39.9	5.1	29.8	50.0
65 Years and Older	77	60.8	5.2	50.6	71.0
<b>Ethnicity</b>					
Hispanic	21	30.0	6.4	17.5	42.5
Non-Hispanic	132	34.2	3.2	27.8	40.5
<b>Race</b>					
White	133	34.5	3.3	27.9	41.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	72	34.1	4.5	25.2	42.9
Some College or College Graduate	82	31.2	4.0	23.3	39.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	65	42.8	5.9	31.2	54.4
\$35,000 or Higher per Year	61	27.5	3.9	19.8	35.3
<b>Disability Status</b>					
Living with a Disability	52	44.2	6.7	31.0	57.4
Living without a Disability	101	29.9	3.4	23.3	36.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	32	21.8	4.6	12.7	30.8
Overweight (25 ≤ BMI < 30)	45	26.8	4.8	17.3	36.3
Obese (BMI ≥ 30)	65	46.3	5.8	34.9	57.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	109	34.5	3.6	27.5	41.5
Does not participate in leisure time physical activity	45	28.7	5.7	17.6	39.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	131	32.2	3.3	25.8	38.7
<b>Smoking Status</b>					
Current smoker	22	38.5	7.8	23.2	53.9
Non-smoker	132	31.2	3.2	24.9	37.5
<b>Health Insurance Status</b>					
Insured	141	34.0	3.3	27.5	40.4
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	10,021	58.3	0.4	57.4	59.2
Western Pyramid Region	195	62.1	3.2	55.8	68.3
<b>Gender</b>					
Men	83	65.6	4.8	56.1	75.1
Women	112	58.8	4.2	50.6	67.0
<b>Age Group</b>					
18 to 44 Years	77	76.5	4.6	67.6	85.4
45 to 64 Years	81	56.5	5.3	46.2	66.9
65 Years and Older	36	29.4	5.0	19.5	39.2
<b>Ethnicity</b>					
Hispanic	36	70.8	6.6	57.9	83.6
Non-Hispanic	158	57.6	3.4	51.0	64.3
<b>Race</b>					
White	162	58.6	3.5	51.8	65.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	90	68.9	4.5	60.0	77.8
Some College or College Graduate	104	54.0	4.3	45.6	62.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	61	53.6	6.1	41.7	65.6
\$35,000 or Higher per Year	104	64.2	4.2	56.0	72.4
<b>Disability Status</b>					
Living with a Disability	32	42.0	7.1	28.0	56.0
Living without a Disability	163	66.6	3.5	59.7	73.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	53	65.1	5.8	53.8	76.5
Overweight (25 ≤ BMI <30)	64	60.8	5.7	49.6	72.0
Obese (BMI ≥ 30)	66	65.1	5.5	54.4	75.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	139	59.8	3.7	52.5	67.1
Does not participate in leisure time physical activity	56	67.4	6.0	55.7	79.0
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	165	63.3	3.5	56.5	70.1
<b>Smoking Status</b>					
Current smoker	38	75.3	7.1	61.3	89.2
Non-smoker	156	58.6	3.6	51.5	65.6
<b>Health Insurance Status</b>					
Insured	167	59.8	3.4	53.0	66.5
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,059	32.4	0.7	31.0	33.7
Western Pyramid Region	36	29.4	5.0	19.5	39.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	24	32.2	6.5	19.5	44.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	33	26.0	4.7	16.9	35.1
<b>Race</b>					
White	33	30.4	5.3	19.9	40.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	20	37.3	7.6	22.3	52.2
Some College or College Graduate	16	19.9	5.3	9.5	30.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	20	33.6	7.6	18.8	48.4
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	25	38.7	7.3	24.3	53.1
<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>28</i>	<i>35.5</i>	<i>6.3</i>	<i>23.2</i>	<i>47.8</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>30</i>	<i>31.3</i>	<i>5.7</i>	<i>20.2</i>	<i>42.5</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>35</i>	<i>31.3</i>	<i>5.3</i>	<i>21.0</i>	<i>41.6</i>
<b>Health Insurance Status</b>					
Insured	<i>36</i>	<i>30.7</i>	<i>5.1</i>	<i>20.6</i>	<i>40.8</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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,792	29.2	0.7	27.9	30.6
Western Pyramid Region	46	45.4	5.5	34.6	56.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	30	42.5	6.7	29.5	55.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	41	39.7	5.5	28.9	50.5
<b>Race</b>					
White	40	40.2	5.6	29.2	51.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	50.5	7.7	35.5	65.5
Some College or College Graduate	22	38.3	7.3	23.9	52.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	24	44.6	7.9	29.1	60.0
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	36	61.0	6.8	47.7	74.3
<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	35	50.9	6.5	38.1	63.8
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	39	43.9	5.9	32.3	55.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	46	47.6	5.7	36.5	58.6
<b>Health Insurance Status</b>					
Insured	44	42.7	5.5	32.0	53.4
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,907	29.6	0.4	28.7	30.4
Western Pyramid Region	120	36.6	3.4	29.9	43.4
<b>Gender</b>					
Men	48	37.6	5.2	27.4	47.7
Women	72	35.7	4.5	26.9	44.5
<b>Age Group</b>					
18 to 44 Years	33	33.0	5.4	22.4	43.6
45 to 64 Years	51	46.2	5.6	35.3	57.2
65 Years and Older	36	27.7	4.9	18.2	37.2
<b>Ethnicity</b>					
Hispanic	23	39.7	7.4	25.2	54.2
Non-Hispanic	97	35.0	3.5	28.1	41.9
<b>Race</b>					
White	102	37.0	3.7	29.8	44.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	58	40.0	5.1	30.0	50.0
Some College or College Graduate	62	32.4	4.4	23.8	41.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	43	32.8	5.7	21.6	44.1
\$35,000 or Higher per Year	59	36.6	4.6	27.5	45.6
<b>Disability Status</b>					
Living with a Disability	37	48.0	7.3	33.8	62.2
Living without a Disability	83	34.3	3.8	26.8	41.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	79	34.3	3.9	26.7	42.0
Does not participate in leisure time physical activity	41	42.2	7.1	28.2	56.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	107	38.4	3.8	31.0	45.8
<b>Smoking Status</b>					
Current smoker	15	36.5	8.2	20.4	52.7
Non-smoker	105	36.8	3.7	29.4	44.1
<b>Health Insurance Status</b>					
Insured	107	37.8	3.7	30.5	45.1
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	12,869	64.4	0.5	63.5	65.3
Western Pyramid Region	249	74.4	3.0	68.6	80.2
<b>Gender</b>					
Men	115	81.8	3.8	74.2	89.3
Women	134	66.7	4.4	58.2	75.3
<b>Age Group</b>					
18 to 44 Years	65	70.8	5.2	60.7	81.0
45 to 64 Years	104	81.9	3.5	75.0	88.7
65 Years and Older	80	69.6	4.8	60.1	79.0
<b>Ethnicity</b>					
Hispanic	47	83.1	5.8	71.7	94.5
Non-Hispanic	202	69.8	3.3	63.4	76.2
<b>Race</b>					
White	207	71.3	3.3	64.9	77.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	111	79.6	3.9	72.0	87.2
Some College or College Graduate	138	67.8	4.4	59.2	76.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	92	81.2	3.9	73.5	88.9
\$35,000 or Higher per Year	122	71.3	4.2	63.1	79.4
<b>Disability Status</b>					
Living with a Disability	67	80.2	5.1	70.2	90.2
Living without a Disability	182	73.5	3.4	66.8	80.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	172	70.4	3.6	63.3	77.5
Does not participate in leisure time physical activity	77	84.0	4.7	74.7	93.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	217	76.9	3.1	70.8	82.9
<b>Smoking Status</b>					
Current smoker	34	76.4	6.0	64.6	88.1
Non-smoker	214	73.8	3.4	67.1	80.4
<b>Health Insurance Status</b>					
Insured	221	72.8	3.3	66.4	79.2
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,339	19.4	0.4	18.6	20.1
Western Pyramid Region	113	35.0	3.4	28.4	41.7
<b>Gender</b>					
Men	56	44.7	5.4	34.2	55.3
Women	57	26.1	3.8	18.7	33.5
<b>Age Group</b>					
18 to 44 Years	46	44.5	5.6	33.5	55.4
45 to 64 Years	41	26.7	4.7	17.6	35.9
65 Years and Older	26	23.8	4.5	14.9	32.6
<b>Ethnicity</b>					
Hispanic	17	36.5	7.5	21.8	51.2
Non-Hispanic	96	34.4	3.4	27.8	41.0
<b>Race</b>					
White	94	32.0	3.3	25.5	38.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	49	35.1	5.1	25.1	45.0
Some College or College Graduate	64	35.3	4.3	26.9	43.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	36	35.6	6.3	23.2	48.0
\$35,000 or Higher per Year	64	38.7	4.5	29.9	47.5
<b>Disability Status</b>					
Living with a Disability	25	34.0	7.2	19.8	48.1
Living without a Disability	88	35.4	3.8	27.9	42.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	21	31.8	6.6	18.8	44.8
Overweight (25 ≤ BMI <30)	47	36.6	6.0	24.9	48.2
Obese (BMI ≥ 30)	39	37.0	5.8	25.5	48.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	83	34.2	3.7	26.9	41.4
Does not participate in leisure time physical activity	30	37.1	7.1	23.2	51.0
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	96	34.4	3.7	27.2	41.6
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	100	38.9	3.8	31.5	46.4
<b>Health Insurance Status</b>					
Insured	100	34.9	3.5	28.0	41.9
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,547	22.0	0.4	21.2	22.8
Western Pyramid Region	55	22.0	3.1	16.0	28.0
<b>Gender</b>					
Men	27	25.0	4.7	15.7	34.3
Women	28	19.3	4.0	11.5	27.0
<b>Age Group</b>					
18 to 44 Years	27	27.6	5.0	17.8	37.4
45 to 64 Years	21	20.9	4.9	11.2	30.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	14	28.1	6.8	14.8	41.4
Non-Hispanic	41	18.9	3.1	12.9	24.9
<b>Race</b>					
White	44	22.4	3.5	15.6	29.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	32	27.6	4.7	18.3	36.8
Some College or College Graduate	23	15.2	3.5	8.3	22.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	31	33.9	6.0	22.1	45.7
\$35,000 or Higher per Year	17	14.0	3.5	7.2	20.9
<b>Disability Status</b>					
Living with a Disability	16	23.8	6.4	11.2	36.4
Living without a Disability	38	21.2	3.5	14.4	28.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	19	20.6	4.9	10.9	30.3
Overweight (25 ≤ BMI <30)	19	23.7	5.6	12.8	34.6
Obese (BMI ≥ 30)	15	22.3	5.5	11.4	33.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	37	20.0	3.3	13.5	26.5
Does not participate in leisure time physical activity	18	26.7	6.6	13.8	39.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	45	22.5	3.4	15.7	29.2
<b>Health Insurance Status</b>					
Insured	40	19.0	3.2	12.7	25.4
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,868	55.5	1.1	53.4	57.6
Western Pyramid Region	34	68.4	7.2	54.2	82.5
<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

## Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	760	5.3	0.2	4.9	5.8
Western Pyramid Region	17	4.4	1.2	2.0	6.7
<b>Gender</b>					
Men	16	9.0	2.5	4.1	13.8
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	17	6.7	1.8	3.1	10.2
<b>Race</b>					
White	17	6.0	1.6	2.8	9.2
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	16	5.1	1.4	2.3	7.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	15	4.9	1.4	2.1	7.7
<b>Health Insurance Status</b>					
Insured	15	4.7	1.4	2.0	7.4
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

### Western Pyramid Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	684	10.1	0.4	9.2	11.0
Western Pyramid Region	16	9.0	2.5	4.1	13.8
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	16	14.5	3.8	7.1	22.0
<b>Race</b>					
White	16	13.2	3.5	6.3	20.1
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	<i>16</i>	<i>10.6</i>	<i>2.9</i>	<i>4.8</i>	<i>16.3</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>14</i>	<i>10.4</i>	<i>3.1</i>	<i>4.4</i>	<i>16.4</i>
<b>Health Insurance Status</b>					
Insured	<i>14</i>	<i>9.4</i>	<i>2.8</i>	<i>4.0</i>	<i>14.8</i>
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,699	11.5	0.3	11.0	12.1
Western Pyramid Region	32	5.7	1.3	3.2	8.2
<b>Gender</b>					
Men	30	10.6	2.5	5.7	15.6
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	23	20.4	4.3	11.8	28.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	31	7.4	1.5	4.5	10.4
<b>Race</b>					
White	29	6.0	1.2	3.6	8.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	19	9.4	2.6	4.3	14.4
<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	21	5.0	1.4	2.2	7.7

	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	5.8	1.7	2.5	9.1
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	25	7.0	1.7	3.6	10.5
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	19	3.3	0.8	1.6	4.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	25	5.0	1.3	2.4	7.6
<b>Health Insurance Status</b>					
Insured	31	6.7	1.5	3.7	9.8
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**

**Western Pyramid Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,108	15.7	0.3	15.1	16.3
Western Pyramid Region	73	14.1	2.1	9.9	18.3
<b>Gender</b>					
Men	22	12.9	3.3	6.4	19.3
Women	51	15.3	2.8	9.8	20.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	22	15.6	4.1	7.6	23.5
65 Years and Older	45	36.8	5.2	26.6	46.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	61	13.6	2.1	9.5	17.6
<b>Race</b>					
White	61	13.3	2.2	9.0	17.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	33	16.2	3.5	9.3	23.1
Some College or College Graduate	40	11.7	2.2	7.5	16.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	21.0	4.5	12.2	29.8
\$35,000 or Higher per Year	21	8.9	2.3	4.3	13.5
<b>Disability Status</b>					
Living with a Disability	33	27.7	5.6	16.8	38.6
Living without a Disability	40	11.2	2.3	6.6	15.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	21	17.7	4.9	8.1	27.4
Overweight (25 ≤ BMI <30)	21	10.5	3.0	4.7	16.4
Obese (BMI ≥ 30)	27	15.4	3.9	7.7	23.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	49	14.4	2.6	9.2	19.5
Does not participate in leisure time physical activity	24	13.4	3.6	6.4	20.5
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	60	12.8	2.2	8.6	17.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	61	13.2	2.1	9.1	17.4
<b>Health Insurance Status</b>					
Insured	67	14.4	2.3	9.9	18.9
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>