

# 2011 Kansas Behavioral Risk Factor Surveillance System Local Data

## East Central Kansas Public Health Coalition



November 2013



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

State of Kansas  
Sam Brownback, Governor

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

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**Kansas Department of Health and Environment**  
**Bureau of Health Promotion**  
November 2013

# **Kansas Department of Health and Environment (KDHE)**

## **Mission**

To protect and improve the health and environment of all Kansans

## **Vision**

Healthy Kansans living in safe and sustainable environments

**[www.kdheks.gov](http://www.kdheks.gov)**

## Foreword

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

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

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

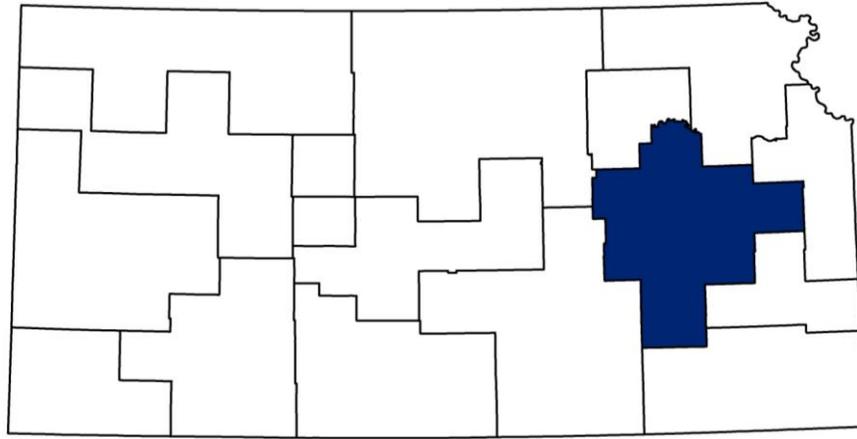
During the 2011 survey year, data were collected from more than 20,000 adult Kansans, providing estimates for 43 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 43 health risk indicators analyzed at the county or regional level. By the conclusion of the 10-year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

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

Sincerely,

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 East Central Kansas Public Health Coalition comprises the following counties:  
Chase, Coffey, Franklin, Greenwood, Lyon, Morris, Osage, Wabaunsee

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,281	17.0	0.4	16.2	17.8
East Central Kansas Public Health Coalition	104	15.8	1.7	12.4	19.1
<b>Gender</b>					
Men	63	21.8	2.9	16.2	27.4
Women	41	10.4	1.9	6.6	14.1
<b>Age Group</b>					
18 to 44 Years	53	25.3	3.5	18.5	32.1
45 to 64 Years	46	12.1	1.9	8.5	15.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	100	15.9	1.8	12.5	19.4
<b>Race</b>					
White	95	15.5	1.8	12.0	18.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	45	15.5	2.6	10.4	20.6
Some College or College Graduate	59	16.1	2.2	11.8	20.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	13.6	2.8	8.1	19.1
\$35,000 or Higher per Year	61	17.6	2.3	13.2	22.1
<b>Disability Status</b>					
Living with a Disability	18	8.6	2.5	3.6	13.5
Living without a Disability	86	18.2	2.1	14.1	22.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	28	14.2	3.0	8.2	20.2
Overweight (25 ≤ BMI < 30)	41	19.9	3.4	13.2	26.6
Obese (BMI ≥ 30)	33	14.4	2.5	9.4	19.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	77	16.4	2.0	12.4	20.4
Does not participate in leisure time physical activity	27	14.2	3.1	8.1	20.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	23	26.9	5.5	16.2	37.7
Did Not Meet Both Aerobic and Strengthening Guidelines	80	14.4	1.8	10.8	17.9
<b>Smoking Status</b>					
Current smoker	33	23.7	4.5	14.8	32.6
Non-smoker	71	13.4	1.7	10.1	16.8
<b>Health Insurance Status</b>					
Insured	88	15.5	1.8	11.9	19.0
Uninsured	15	18.0	4.9	8.4	27.6

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	823	5.4	0.2	5.0	5.9
East Central Kansas Public Health Coalition	40	5.1	1.0	3.2	6.9
<b>Gender</b>					
Men	21	6.4	1.7	3.2	9.7
Women	19	3.9	1.0	1.8	5.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	22	5.3	1.2	2.9	7.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	40	5.3	1.0	3.4	7.3
<b>Race</b>					
White	36	4.8	1.0	2.9	6.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	19	6.3	1.7	3.0	9.6
Some College or College Graduate	21	3.9	0.9	2.0	5.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	21	6.2	1.6	3.1	9.2
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	31	5.9	1.2	3.5	8.3

	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)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	24	3.7	0.8	2.1	5.4
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	36	5.4	1.1	3.3	7.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	23	3.9	0.9	2.1	5.7
<b>Health Insurance Status</b>					
Insured	33	4.3	0.8	2.6	5.9
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,493	23.1	0.3	22.4	23.8
East Central Kansas Public Health Coalition	323	26.5	1.7	23.2	29.9
<b>Gender</b>					
Men	121	26.1	2.7	20.8	31.3
Women	202	27.0	2.1	22.8	31.2
<b>Age Group</b>					
18 to 44 Years	27	11.8	2.5	6.8	16.8
45 to 64 Years	131	31.8	2.7	26.5	37.0
65 Years and Older	161	49.1	3.1	43.0	55.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	316	26.6	1.7	23.3	29.9
<b>Race</b>					
White	305	26.7	1.8	23.3	30.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	171	31.8	2.8	26.3	37.2
Some College or College Graduate	152	21.3	2.0	17.4	25.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	161	35.2	3.2	29.0	41.4
\$35,000 or Higher per Year	120	22.7	2.2	18.3	27.1
<b>Disability Status</b>					
Living with a Disability	177	54.4	3.7	47.0	61.7
Living without a Disability	138	16.8	1.7	13.4	20.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	73	18.1	3.0	12.2	24.0
Overweight (25 ≤ BMI <30)	101	24.6	2.7	19.4	29.8
Obese (BMI ≥ 30)	132	37.9	3.3	31.5	44.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	208	23.7	1.9	20.0	27.4
Does not participate in leisure time physical activity	110	34.1	3.6	27.0	41.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	23	14.2	3.4	7.5	20.8
Did Not Meet Both Aerobic and Strengthening Guidelines	279	27.6	1.9	23.9	31.3
<b>Smoking Status</b>					
Current smoker	77	35.8	4.5	27.0	44.6
Non-smoker	245	23.7	1.7	20.3	27.0
<b>Health Insurance Status</b>					
Insured	293	27.1	1.8	23.7	30.6
Uninsured	30	27.4	5.5	16.6	38.3

Numerator: Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample 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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,150	48.8	0.8	47.3	50.4
East Central Kansas Public Health Coalition	160	48.3	3.6	41.3	55.2
<b>Gender</b>					
Men	56	43.9	5.7	32.7	55.0
Women	104	52.1	4.3	43.6	60.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	68	53.9	5.2	43.8	64.0
65 Years and Older	84	52.2	4.5	43.4	61.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	158	50.1	3.5	43.3	56.9
<b>Race</b>					
White	150	46.3	3.6	39.2	53.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	88	48.8	4.9	39.1	58.4
Some College or College Graduate	72	47.5	5.0	37.8	57.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	88	53.7	5.4	43.2	64.3
\$35,000 or Higher per Year	50	38.6	5.4	28.0	49.1
<b>Disability Status</b>					
Living with a Disability	131	75.6	3.8	68.1	83.1
Living without a Disability	28	18.4	3.8	11.0	25.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	33	48.8	9.0	31.0	66.5
Overweight (25 ≤ BMI <30)	47	43.4	5.8	32.0	54.7
Obese (BMI ≥ 30)	69	50.5	5.2	40.2	60.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	92	45.0	4.3	36.6	53.3
Does not participate in leisure time physical activity	68	54.1	6.5	41.3	66.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	141	47.7	3.8	40.3	55.2
<b>Smoking Status</b>					
Current smoker	47	57.6	7.9	42.1	73.1
Non-smoker	113	44.2	3.8	36.7	51.7
<b>Health Insurance Status</b>					
Insured	143	48.1	3.5	41.2	55.0
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,709	8.8	0.3	8.2	9.3
East Central Kansas Public Health Coalition	79	7.9	1.1	5.8	10.1
<b>Gender</b>					
Men	18	5.3	1.5	2.3	8.3
Women	61	10.4	1.6	7.3	13.5
<b>Age Group</b>					
18 to 44 Years	24	9.9	2.2	5.6	14.2
45 to 64 Years	33	6.7	1.3	4.2	9.2
65 Years and Older	22	5.9	1.3	3.3	8.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	77	7.9	1.1	5.7	10.1
<b>Race</b>					
White	75	8.1	1.2	5.8	10.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	6.2	1.4	3.5	8.9
Some College or College Graduate	45	9.6	1.7	6.3	12.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	11.2	2.1	7.0	15.4
\$35,000 or Higher per Year	27	5.8	1.3	3.3	8.3
<b>Disability Status</b>					
Living with a Disability	38	12.5	2.4	7.8	17.2
Living without a Disability	37	6.4	1.3	3.9	8.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	7.7	2.1	3.5	11.8
Overweight (25 ≤ BMI < 30)	20	6.0	1.6	2.9	9.1
Obese (BMI ≥ 30)	36	10.5	2.1	6.3	14.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	49	7.5	1.4	4.9	10.2
Does not participate in leisure time physical activity	26	8.5	1.9	4.7	12.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	61	7.2	1.1	5.0	9.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	65	8.2	1.2	5.7	10.6
<b>Health Insurance Status</b>					
Insured	68	7.4	1.1	5.2	9.5
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

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

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,108	6.9	0.2	6.5	7.2
East Central Kansas Public Health Coalition	116	9.1	1.0	7.2	11.1
<b>Gender</b>					
Men	39	8.0	1.5	5.0	10.9
Women	77	10.2	1.4	7.6	12.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	33	7.1	1.3	4.5	9.7
65 Years and Older	69	21.8	2.6	16.7	27.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	112	9.2	1.0	7.2	11.2
<b>Race</b>					
White	112	9.6	1.1	7.5	11.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	55	9.9	1.6	6.7	13.0
Some College or College Graduate	61	8.4	1.2	6.0	10.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	50	9.5	1.5	6.5	12.5
\$35,000 or Higher per Year	48	9.4	1.6	6.2	12.5
<b>Disability Status</b>					
Living with a Disability	52	14.2	2.2	9.8	18.6
Living without a Disability	62	7.6	1.1	5.3	9.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	37	8.5	1.7	5.2	11.7
Overweight (25 ≤ BMI <30)	42	11.5	2.1	7.4	15.7
Obese (BMI ≥ 30)	32	7.7	1.5	4.7	10.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	74	7.7	1.0	5.7	9.7
Does not participate in leisure time physical activity	41	13.3	2.5	8.3	18.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	99	9.3	1.1	7.1	11.4
<b>Smoking Status</b>					
Current smoker	23	11.2	2.8	5.7	16.6
Non-smoker	93	8.6	1.0	6.6	10.5
<b>Health Insurance Status</b>					
Insured	104	9.0	1.0	7.0	10.9
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

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

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,950	6.2	0.2	5.9	6.5
East Central Kansas Public Health Coalition	97	6.6	0.8	5.0	8.2
<b>Gender</b>					
Men	42	7.2	1.3	4.6	9.8
Women	55	6.0	0.9	4.2	7.8
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	36	7.4	1.4	4.7	10.1
65 Years and Older	59	18.1	2.5	13.3	22.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	97	6.9	0.8	5.3	8.6
<b>Race</b>					
White	96	7.1	0.9	5.4	8.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	43	7.4	1.3	4.8	10.0
Some College or College Graduate	54	5.8	0.9	4.0	7.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	6.6	1.2	4.2	8.9
\$35,000 or Higher per Year	48	7.1	1.2	4.7	9.4
<b>Disability Status</b>					
Living with a Disability	42	10.2	1.8	6.7	13.8
Living without a Disability	54	5.5	0.9	3.7	7.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	30	5.6	1.2	3.2	8.0
Overweight (25 ≤ BMI <30)	36	8.2	1.6	5.0	11.4
Obese (BMI ≥ 30)	28	6.5	1.4	3.7	9.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	64	5.9	0.9	4.2	7.6
Does not participate in leisure time physical activity	33	8.8	1.9	5.1	12.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	16	<i>10.2</i>	2.9	4.5	15.9
Did Not Meet Both Aerobic and Strengthening Guidelines	78	6.3	0.9	4.6	7.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	83	6.9	0.9	5.1	8.6
<b>Health Insurance Status</b>					
Insured	89	7.2	0.9	5.4	9.0
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,379	27.1	0.5	26.2	28.0
East Central Kansas Public Health Coalition	180	29.5	2.2	25.2	33.8
<b>Gender</b>					
Men	82	34.3	3.5	27.5	41.2
Women	98	24.9	2.6	19.8	30.0
<b>Age Group</b>					
18 to 44 Years	96	52.1	4.1	44.0	60.1
45 to 64 Years	56	15.3	2.2	11.1	19.6
65 Years and Older	27	8.6	1.9	4.9	12.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	167	28.6	2.3	24.2	33.1
<b>Race</b>					
White	161	27.9	2.3	23.4	32.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	102	36.4	3.5	29.7	43.2
Some College or College Graduate	78	22.6	2.6	17.5	27.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	89	36.1	3.6	29.0	43.1
\$35,000 or Higher per Year	69	20.8	2.6	15.8	25.8
<b>Disability Status</b>					
Living with a Disability	33	14.9	3.0	9.0	20.8
Living without a Disability	142	33.9	2.7	28.6	39.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	62	38.6	4.6	29.6	47.5
Overweight (25 ≤ BMI < 30)	55	27.3	3.6	20.2	34.4
Obese (BMI ≥ 30)	52	22.8	3.2	16.5	29.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	123	30.6	2.6	25.4	35.8
Does not participate in leisure time physical activity	54	26.5	4.0	18.6	34.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	21	30.5	6.0	18.7	42.3
Did Not Meet Both Aerobic and Strengthening Guidelines	148	28.6	2.4	23.8	33.3
<b>Smoking Status</b>					
Current smoker	64	45.4	5.0	35.6	55.1
Non-smoker	114	24.1	2.4	19.5	28.8
<b>Health Insurance Status</b>					
Insured	126	22.8	2.2	18.5	27.2
Uninsured	50	57.2	6.0	45.5	68.9

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,660	38.4	0.5	37.5	39.3
East Central Kansas Public Health Coalition	360	39.2	2.1	35.1	43.3
<b>Gender</b>					
Men	137	40.6	3.3	34.2	47.1
Women	223	38.0	2.7	32.7	43.2
<b>Age Group</b>					
18 to 44 Years	25	17.4	3.7	10.2	24.7
45 to 64 Years	173	46.3	3.0	40.5	52.2
65 Years and Older	157	51.4	3.3	45.0	57.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	355	40.2	2.1	36.0	44.4
<b>Race</b>					
White	346	39.7	2.2	35.4	43.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	153	43.6	3.5	36.7	50.5
Some College or College Graduate	206	35.5	2.5	30.6	40.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	139	39.3	3.7	32.1	46.6
\$35,000 or Higher per Year	163	36.7	2.8	31.3	42.2
<b>Disability Status</b>					
Living with a Disability	156	54.6	3.9	46.9	62.3
Living without a Disability	197	32.8	2.4	28.0	37.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	85	33.0	4.1	25.0	41.1
Overweight (25 ≤ BMI < 30)	130	39.7	3.3	33.2	46.2
Obese (BMI ≥ 30)	130	43.8	3.6	36.7	50.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	226	33.7	2.4	29.1	38.3
Does not participate in leisure time physical activity	129	53.4	4.3	45.1	61.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	38	34.2	5.5	23.3	45.0
Did Not Meet Both Aerobic and Strengthening Guidelines	306	40.2	2.3	35.6	44.7
<b>Smoking Status</b>					
Current smoker	61	43.7	5.6	32.8	54.6
Non-smoker	297	38.2	2.2	33.8	42.6
<b>Health Insurance Status</b>					
Insured	338	40.8	2.2	36.5	45.1
Uninsured	22	27.0	6.5	14.3	39.8

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,658	6.6	0.2	6.2	7.0
East Central Kansas Public Health Coalition	81	6.0	0.8	4.4	7.6
<b>Gender</b>					
Men	30	5.4	1.3	2.9	7.9
Women	51	6.6	1.0	4.5	8.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	33	7.4	1.4	4.7	10.2
65 Years and Older	44	13.6	2.1	9.5	17.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	80	6.2	0.8	4.6	7.9
<b>Race</b>					
White	78	6.3	0.9	4.6	8.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	49	8.0	1.4	5.2	10.7
Some College or College Graduate	32	4.1	0.8	2.4	5.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	47	9.4	1.7	6.0	12.9
\$35,000 or Higher per Year	19	3.3	0.8	1.6	4.9
<b>Disability Status</b>					
Living with a Disability	47	13.2	2.1	9.0	17.3
Living without a Disability	30	3.6	0.8	1.9	5.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	26	4.7	1.0	2.7	6.7
Overweight (25 ≤ BMI <30)	22	5.2	1.2	2.8	7.5
Obese (BMI ≥ 30)	30	8.7	2.0	4.7	12.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	40	4.2	0.9	2.5	5.9
Does not participate in leisure time physical activity	37	10.2	1.9	6.5	13.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	65	5.7	0.8	4.1	7.2
<b>Smoking Status</b>					
Current smoker	33	12.6	2.7	7.3	17.9
Non-smoker	48	4.0	0.6	2.7	5.2
<b>Health Insurance Status</b>					
Insured	75	6.2	0.8	4.7	7.8
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,360	15.9	0.3	15.2	16.5
East Central Kansas Public Health Coalition	160	15.8	1.6	12.6	18.9
<b>Gender</b>					
Men	48	12.5	2.5	7.6	17.4
Women	112	18.8	2.0	14.8	22.8
<b>Age Group</b>					
18 to 44 Years	34	15.6	3.0	9.7	21.5
45 to 64 Years	85	18.6	2.2	14.2	22.9
65 Years and Older	40	11.2	1.9	7.6	14.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	156	15.6	1.5	12.5	18.6
<b>Race</b>					
White	149	15.4	1.6	12.2	18.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	63	15.5	2.6	10.5	20.6
Some College or College Graduate	97	16.0	1.8	12.4	19.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	73	21.4	3.2	15.1	27.6
\$35,000 or Higher per Year	69	14.5	2.0	10.6	18.3
<b>Disability Status</b>					
Living with a Disability	87	32.4	3.6	25.4	39.4
Living without a Disability	68	10.4	1.7	7.0	13.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	33	11.4	2.8	5.8	16.9
Overweight (25 ≤ BMI < 30)	44	13.4	2.7	8.2	18.7
Obese (BMI ≥ 30)	75	23.5	3.0	17.6	29.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	97	14.5	1.8	10.9	18.1
Does not participate in leisure time physical activity	59	19.1	3.3	12.7	25.5
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	140	16.1	1.8	12.7	19.6
<b>Smoking Status</b>					
Current smoker	53	31.2	4.8	21.8	40.6
Non-smoker	107	11.0	1.3	8.5	13.5
<b>Health Insurance Status</b>					
Insured	135	14.8	1.6	11.7	17.9
Uninsured	25	23.2	5.6	12.3	34.1

**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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,584	9.5	0.2	9.1	10.0
East Central Kansas Public Health Coalition	123	9.4	1.0	7.4	11.4
<b>Gender</b>					
Men	55	10.1	1.6	7.0	13.3
Women	68	8.7	1.3	6.1	11.2
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	53	11.7	1.9	8.1	15.4
65 Years and Older	59	17.0	2.3	12.6	21.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	120	9.6	1.1	7.5	11.6
<b>Race</b>					
White	116	9.0	1.0	7.1	11.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	60	11.1	1.7	7.7	14.4
Some College or College Graduate	63	7.7	1.1	5.5	9.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	60	12.7	2.0	8.8	16.7
\$35,000 or Higher per Year	45	6.9	1.2	4.6	9.3
<b>Disability Status</b>					
Living with a Disability	66	20.0	2.8	14.6	25.5
Living without a Disability	54	5.6	0.9	3.8	7.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	36	7.4	1.4	4.6	10.2
Obese (BMI ≥ 30)	68	18.8	2.6	13.7	23.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	60	6.3	1.0	4.4	8.3
Does not participate in leisure time physical activity	61	16.7	2.5	11.7	21.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	111	10.1	1.2	7.8	12.4
<b>Smoking Status</b>					
Current smoker	23	10.5	2.6	5.5	15.6
Non-smoker	100	9.1	1.1	6.9	11.2
<b>Health Insurance Status</b>					
Insured	108	9.4	1.1	7.3	11.6
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,714	23.0	0.4	22.3	23.7
East Central Kansas Public Health Coalition	284	23.9	1.7	20.6	27.1
<b>Gender</b>					
Men	101	21.8	2.4	17.0	26.5
Women	183	25.8	2.3	21.3	30.2
<b>Age Group</b>					
18 to 44 Years	33	13.2	2.5	8.2	18.2
45 to 64 Years	122	29.2	2.6	24.0	34.4
65 Years and Older	127	37.7	3.0	31.7	43.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	277	24.3	1.7	21.0	27.6
<b>Race</b>					
White	264	22.7	1.7	19.5	26.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	136	25.2	2.6	20.1	30.2
Some College or College Graduate	147	22.5	2.1	18.4	26.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	145	30.6	2.9	24.9	36.3
\$35,000 or Higher per Year	92	18.9	2.3	14.5	23.4
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	67	18.6	2.9	12.9	24.2
Overweight (25 ≤ BMI < 30)	79	18.1	2.3	13.5	22.7
Obese (BMI ≥ 30)	121	33.3	3.1	27.1	39.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	167	20.4	1.9	16.7	24.1
Does not participate in leisure time physical activity	117	32.8	3.4	26.2	39.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	33	24.8	4.6	15.9	33.8
Did Not Meet Both Aerobic and Strengthening Guidelines	239	23.7	1.8	20.1	27.2
<b>Smoking Status</b>					
Current smoker	73	32.4	4.2	24.2	40.6
Non-smoker	210	21.3	1.8	17.8	24.7
<b>Health Insurance Status</b>					
Insured	252	24.3	1.8	20.8	27.7
Uninsured	32	25.2	4.9	15.5	34.9

**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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,179	24.5	0.4	23.7	25.2
East Central Kansas Public Health Coalition	299	25.0	1.7	21.7	28.3
<b>Gender</b>					
Men	109	23.4	2.5	18.5	28.3
Women	190	26.4	2.3	21.9	30.8
<b>Age Group</b>					
18 to 44 Years	33	13.2	2.5	8.2	18.2
45 to 64 Years	126	30.7	2.7	25.4	36.0
65 Years and Older	138	40.6	3.1	34.5	46.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	291	25.4	1.7	22.0	28.8
<b>Race</b>					
White	277	23.5	1.7	20.2	26.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	144	26.8	2.7	21.6	32.0
Some College or College Graduate	154	23.2	2.1	19.0	27.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	154	32.9	3.0	27.0	38.8
\$35,000 or Higher per Year	96	19.3	2.3	14.8	23.8
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	71	19.1	2.9	13.4	24.8
Overweight (25 ≤ BMI <30)	85	19.6	2.4	14.9	24.4
Obese (BMI ≥ 30)	125	34.6	3.2	28.3	40.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	174	20.8	1.9	17.0	24.5
Does not participate in leisure time physical activity	125	35.7	3.5	28.9	42.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	34	25.2	4.6	16.2	34.1
Did Not Meet Both Aerobic and Strengthening Guidelines	251	24.9	1.8	21.2	28.5
<b>Smoking Status</b>					
Current smoker	76	34.6	4.3	26.2	43.1
Non-smoker	222	22.1	1.8	18.6	25.5
<b>Health Insurance Status</b>					
Insured	267	25.6	1.8	22.1	29.1
Uninsured	32	25.2	4.9	15.5	34.9

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	16,604	83.5	0.4	82.7	84.2
East Central Kansas Public Health Coalition	821	87.5	1.4	84.8	90.1
<b>Gender</b>					
Men	314	86.1	2.1	82.0	90.3
Women	507	88.7	1.7	85.3	92.1
<b>Age Group</b>					
18 to 44 Years	187	86.2	2.6	81.1	91.2
45 to 64 Years	350	86.5	1.9	82.8	90.3
65 Years and Older	281	91.9	1.6	88.7	95.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	794	87.3	1.4	84.5	90.1
<b>Race</b>					
White	776	87.8	1.4	85.0	90.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	370	93.7	1.5	90.7	96.7
Some College or College Graduate	450	81.4	2.1	77.2	85.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	331	89.2	2.1	85.1	93.4
\$35,000 or Higher per Year	374	84.3	2.0	80.3	88.4
<b>Disability Status</b>					
Living with a Disability	251	87.4	2.4	82.7	92.1
Living without a Disability	567	87.6	1.6	84.4	90.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	227	84.9	2.7	79.6	90.3
Overweight (25 ≤ BMI < 30)	278	88.0	2.1	83.9	92.1
Obese (BMI ≥ 30)	275	89.0	2.4	84.2	93.8
<b>Smoking Status</b>					
Current smoker	159	90.0	2.9	84.3	95.6
Non-smoker	658	86.6	1.5	83.6	89.7
<b>Health Insurance Status</b>					
Insured	725	87.1	1.5	84.2	89.9
Uninsured	90	87.9	3.9	80.3	95.6

**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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,956	45.3	0.5	44.4	46.2
East Central Kansas Public Health Coalition	436	47.9	2.2	43.6	52.1
<b>Gender</b>					
Men	166	45.5	3.3	39.1	52.0
Women	270	50.0	2.8	44.5	55.5
<b>Age Group</b>					
18 to 44 Years	103	49.8	4.0	41.9	57.7
45 to 64 Years	184	44.2	2.8	38.7	49.8
65 Years and Older	146	49.4	3.2	43.1	55.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	421	47.6	2.2	43.3	51.9
<b>Race</b>					
White	412	48.5	2.2	44.1	52.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	225	58.5	3.3	51.9	65.0
Some College or College Graduate	210	37.5	2.6	32.5	42.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	191	53.4	3.5	46.6	60.3
\$35,000 or Higher per Year	177	41.0	2.8	35.4	46.5
<b>Disability Status</b>					
Living with a Disability	161	55.5	3.8	48.1	62.9
Living without a Disability	275	45.6	2.6	40.5	50.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	105	42.3	4.4	33.7	50.9
Overweight (25 ≤ BMI < 30)	142	47.9	3.5	41.0	54.7
Obese (BMI ≥ 30)	166	52.2	3.5	45.2	59.1
<b>Smoking Status</b>					
Current smoker	103	54.2	5.0	44.4	63.9
Non-smoker	333	46.2	2.4	41.5	50.8
<b>Health Insurance Status</b>					
Insured	386	48.4	2.3	43.9	52.8
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,740	26.8	0.4	26.0	27.6
East Central Kansas Public Health Coalition	282	27.7	1.9	24.0	31.3
<b>Gender</b>					
Men	114	30.9	3.1	24.8	36.9
Women	168	24.8	2.1	20.6	28.9
<b>Age Group</b>					
18 to 44 Years	45	20.7	3.3	14.3	27.2
45 to 64 Years	120	30.6	2.7	25.4	35.8
65 Years and Older	114	37.3	3.1	31.3	43.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	270	27.0	1.8	23.4	30.6
<b>Race</b>					
White	266	27.5	1.9	23.7	31.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	160	36.1	3.1	30.0	42.3
Some College or College Graduate	121	19.4	2.0	15.5	23.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	145	35.7	3.3	29.3	42.1
\$35,000 or Higher per Year	94	20.6	2.3	16.1	25.0
<b>Disability Status</b>					
Living with a Disability	125	40.1	3.5	33.1	47.0
Living without a Disability	157	24.0	2.2	19.7	28.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	73	25.7	3.8	18.3	33.1
Overweight (25 ≤ BMI < 30)	85	27.0	3.1	21.1	33.0
Obese (BMI ≥ 30)	106	29.3	3.0	23.4	35.2
<b>Smoking Status</b>					
Current smoker	79	37.6	4.6	28.6	46.6
Non-smoker	203	24.7	2.0	20.9	28.6
<b>Health Insurance Status</b>					
Insured	248	26.2	1.8	22.6	29.7
Uninsured	32	34.2	6.0	22.5	45.9

**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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,375	41.4	0.5	40.5	42.4
East Central Kansas Public Health Coalition	364	45.9	2.2	41.7	50.1
<b>Gender</b>					
Men	161	50.1	3.3	43.7	56.5
Women	203	42.2	2.8	36.6	47.7
<b>Age Group</b>					
18 to 44 Years	103	52.8	4.0	45.0	60.5
45 to 64 Years	164	45.1	2.9	39.5	50.8
65 Years and Older	92	31.6	3.1	25.6	37.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	351	45.7	2.2	41.4	50.0
<b>Race</b>					
White	343	46.4	2.2	42.0	50.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	173	52.0	3.4	45.4	58.6
Some College or College Graduate	191	40.2	2.7	35.0	45.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	153	49.3	3.6	42.2	56.3
\$35,000 or Higher per Year	157	41.3	2.8	35.7	46.8
<b>Disability Status</b>					
Living with a Disability	114	44.4	3.9	36.9	52.0
Living without a Disability	247	46.8	2.6	41.7	51.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	107	51.0	4.3	42.6	59.3
Overweight (25 ≤ BMI < 30)	104	38.7	3.5	31.9	45.5
Obese (BMI ≥ 30)	137	48.0	3.5	41.1	54.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	231	41.8	2.6	36.8	46.8
Does not participate in leisure time physical activity	132	56.6	3.8	49.1	64.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	27	34.1	5.9	22.6	45.6
Did Not Meet Both Aerobic and Strengthening Guidelines	327	48.5	2.4	43.8	53.1
<b>Smoking Status</b>					
Current smoker	95	54.9	4.8	45.5	64.2
Non-smoker	268	43.3	2.4	38.5	48.0
<b>Health Insurance Status</b>					
Insured	305	42.2	2.3	37.8	46.7
Uninsured	54	57.6	5.8	46.3	68.9

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,908	22.3	0.4	21.4	23.1
East Central Kansas Public Health Coalition	184	23.8	2.0	19.9	27.6
<b>Gender</b>					
Men	86	28.0	3.2	21.7	34.3
Women	98	19.9	2.3	15.4	24.3
<b>Age Group</b>					
18 to 44 Years	59	30.5	3.8	23.1	37.9
45 to 64 Years	70	18.8	2.3	14.2	23.4
65 Years and Older	55	18.3	2.5	13.4	23.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	180	24.3	2.0	20.3	28.2
<b>Race</b>					
White	172	23.8	2.0	19.8	27.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	91	26.2	3.2	19.9	32.4
Some College or College Graduate	93	21.6	2.3	17.0	26.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	96	31.5	3.4	24.7	38.2
\$35,000 or Higher per Year	62	17.2	2.3	12.7	21.7
<b>Disability Status</b>					
Living with a Disability	59	23.4	3.3	16.9	30.0
Living without a Disability	124	23.9	2.4	19.2	28.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	56	27.4	4.0	19.5	35.3
Overweight (25 ≤ BMI < 30)	50	20.3	3.3	13.8	26.8
Obese (BMI ≥ 30)	70	24.7	3.1	18.6	30.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	109	20.3	2.2	16.0	24.6
Does not participate in leisure time physical activity	75	33.0	4.0	25.1	40.9
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	169	25.3	2.2	21.1	29.6
<b>Smoking Status</b>					
Current smoker	53	32.5	4.7	23.3	41.7
Non-smoker	131	21.2	2.1	17.0	25.3
<b>Health Insurance Status</b>					
Insured	153	21.7	2.0	17.8	25.6
Uninsured	28	30.9	5.7	19.8	42.1

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,212	16.7	0.4	15.9	17.5
East Central Kansas Public Health Coalition	113	16.2	1.7	12.9	19.5
<b>Gender</b>					
Men	58	20.6	2.9	15.0	26.3
Women	55	12.2	1.8	8.7	15.8
<b>Age Group</b>					
18 to 44 Years	52	24.8	3.4	18.0	31.5
45 to 64 Years	56	14.6	2.1	10.6	18.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	102	14.8	1.6	11.7	18.0
<b>Race</b>					
White	98	14.9	1.7	11.5	18.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	71	22.2	2.8	16.7	27.8
Some College or College Graduate	42	10.4	1.8	6.9	13.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	79	29.8	3.3	23.3	36.3
\$35,000 or Higher per Year	20	5.8	1.6	2.7	8.9
<b>Disability Status</b>					
Living with a Disability	32	15.4	3.0	9.4	21.4
Living without a Disability	75	15.7	2.0	11.7	19.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	32	18.6	3.6	11.5	25.6
Overweight (25 ≤ BMI < 30)	32	13.0	2.5	8.1	17.8
Obese (BMI ≥ 30)	41	17.3	2.9	11.6	23.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	76	14.3	1.8	10.8	17.9
Does not participate in leisure time physical activity	32	19.7	3.8	12.3	27.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	90	15.7	1.8	12.1	19.3
<b>Smoking Status</b>					
Current smoker	42	30.4	4.7	21.2	39.6
Non-smoker	70	11.4	1.5	8.5	14.4

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,123	20.1	0.5	19.2	21.0
East Central Kansas Public Health Coalition	108	20.1	2.1	16.0	24.2
<b>Gender</b>					
Men	57	25.9	3.5	19.0	32.8
Women	51	14.8	2.3	10.4	19.2
<b>Age Group</b>					
18 to 44 Years	52	24.8	3.4	18.0	31.5
45 to 64 Years	56	14.6	2.1	10.6	18.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	97	18.5	2.0	14.5	22.4
<b>Race</b>					
White	93	18.5	2.1	14.3	22.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	67	28.8	3.7	21.6	36.1
Some College or College Graduate	41	12.5	2.1	8.3	16.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	76	40.0	4.4	31.5	48.6
\$35,000 or Higher per Year	20	6.7	1.8	3.1	10.3
<b>Disability Status</b>					
Living with a Disability	29	22.0	4.3	13.5	30.6
Living without a Disability	73	18.5	2.4	13.9	23.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	31	23.1	4.4	14.4	31.7
Overweight (25 ≤ BMI < 30)	30	17.1	3.3	10.7	23.6
Obese (BMI ≥ 30)	39	20.1	3.4	13.4	26.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	73	17.2	2.2	12.9	21.5
Does not participate in leisure time physical activity	30	26.7	5.0	17.0	36.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	86	19.5	2.3	15.0	24.0
<b>Smoking Status</b>					
Current smoker	41	33.4	5.1	23.3	43.5
Non-smoker	66	14.7	2.0	10.9	18.6

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,606	19.7	0.4	18.9	20.6
East Central Kansas Public Health Coalition	110	17.3	1.8	13.7	21.0
<b>Gender</b>					
Men	66	23.7	3.1	17.7	29.7
Women	44	11.4	2.1	7.4	15.4
<b>Age Group</b>					
18 to 44 Years	57	29.2	3.7	21.9	36.4
45 to 64 Years	35	9.3	1.7	5.9	12.6
65 Years and Older	18	6.0	1.5	3.0	9.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	101	16.2	1.8	12.7	19.8
<b>Race</b>					
White	94	16.4	1.9	12.6	20.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	65	21.4	3.0	15.6	27.3
Some College or College Graduate	45	13.3	2.1	9.1	17.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	65	26.0	3.4	19.3	32.6
\$35,000 or Higher per Year	29	8.4	1.8	4.9	11.9
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	91	20.2	2.3	15.6	24.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	43	23.0	3.9	15.4	30.5
Overweight (25 ≤ BMI <30)	32	15.7	3.2	9.4	21.9
Obese (BMI ≥ 30)	30	14.2	2.7	8.9	19.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	81	18.3	2.2	14.0	22.6
Does not participate in leisure time physical activity	25	13.7	3.5	6.9	20.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	15	19.5	5.2	9.2	29.7
Did Not Meet Both Aerobic and Strengthening Guidelines	88	16.4	2.0	12.5	20.4
<b>Smoking Status</b>					
Current smoker	36	28.1	4.8	18.6	37.6
Non-smoker	73	13.8	1.8	10.2	17.3
<b>Health Insurance Status</b>					
Insured	68	11.2	1.6	8.0	14.4
Uninsured	39	44.8	5.9	33.2	56.4

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,334	14.3	0.3	13.7	15.0
East Central Kansas Public Health Coalition	101	13.7	1.5	10.7	16.7
<b>Gender</b>					
Men	37	13.6	2.5	8.7	18.4
Women	64	13.7	1.8	10.1	17.4
<b>Age Group</b>					
18 to 44 Years	37	16.1	2.9	10.5	21.7
45 to 64 Years	56	16.3	2.2	11.9	20.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	94	12.7	1.4	9.9	15.5
<b>Race</b>					
White	89	12.6	1.5	9.6	15.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	53	17.0	2.6	11.9	22.0
Some College or College Graduate	48	10.4	1.6	7.3	13.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	69	26.0	3.2	19.7	32.3
\$35,000 or Higher per Year	22	5.7	1.3	3.1	8.3
<b>Disability Status</b>					
Living with a Disability	48	24.3	3.5	17.5	31.1
Living without a Disability	52	10.4	1.7	7.1	13.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	26	12.9	3.0	7.0	18.9
Overweight (25 ≤ BMI < 30)	23	8.8	2.0	5.0	12.7
Obese (BMI ≥ 30)	47	19.6	3.0	13.7	25.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	55	10.9	1.6	7.7	14.1
Does not participate in leisure time physical activity	45	21.0	3.5	14.1	27.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	88	14.1	1.7	10.8	17.5
<b>Smoking Status</b>					
Current smoker	46	33.0	4.7	23.8	42.1
Non-smoker	55	7.7	1.2	5.4	9.9
<b>Health Insurance Status</b>					
Insured	55	7.4	1.1	5.2	9.6
Uninsured	46	48.4	5.9	36.8	59.9

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,614	15.0	0.3	14.4	15.6
East Central Kansas Public Health Coalition	184	16.0	1.4	13.4	18.7
<b>Gender</b>					
Men	75	16.4	2.1	12.3	20.5
Women	109	15.7	1.7	12.3	19.1
<b>Age Group</b>					
18 to 44 Years	18	6.2	1.5	3.2	9.2
45 to 64 Years	77	21.0	2.5	16.1	26.0
65 Years and Older	87	28.5	2.9	22.8	34.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	178	16.1	1.4	13.3	18.8
<b>Race</b>					
White	170	15.2	1.3	12.5	17.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	118	22.0	2.3	17.5	26.5
Some College or College Graduate	66	10.1	1.5	7.2	13.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	112	24.0	2.6	19.0	29.0
\$35,000 or Higher per Year	43	9.9	1.7	6.5	13.3
<b>Disability Status</b>					
Living with a Disability	124	42.7	3.7	35.5	49.9
Living without a Disability	52	7.0	1.1	4.9	9.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	50	13.6	2.4	8.9	18.2
Overweight (25 ≤ BMI <30)	46	12.4	2.0	8.5	16.2
Obese (BMI ≥ 30)	78	22.5	2.8	17.1	27.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	83	10.4	1.3	7.8	13.0
Does not participate in leisure time physical activity	94	30.2	3.4	23.6	36.8
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	160	17.3	1.6	14.2	20.3
<b>Smoking Status</b>					
Current smoker	54	22.3	3.3	15.7	28.8
Non-smoker	130	14.2	1.5	11.3	17.0
<b>Health Insurance Status</b>					
Insured	162	16.4	1.5	13.5	19.3
Uninsured	22	16.7	3.8	9.2	24.2

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,519	10.5	0.3	10.0	11.0
East Central Kansas Public Health Coalition	117	10.8	1.2	8.5	13.2
<b>Gender</b>					
Men	44	10.2	1.7	6.8	13.6
Women	73	11.4	1.7	8.1	14.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	63	17.4	2.4	12.7	22.1
65 Years and Older	41	13.3	2.3	8.8	17.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	111	10.6	1.2	8.2	13.0
<b>Race</b>					
White	108	10.4	1.2	8.0	12.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	64	13.2	2.0	9.4	17.1
Some College or College Graduate	53	8.4	1.4	5.6	11.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	65	14.4	2.1	10.3	18.4
\$35,000 or Higher per Year	32	7.6	1.6	4.5	10.7
<b>Disability Status</b>					
Living with a Disability	84	31.1	3.5	24.1	38.0
Living without a Disability	31	4.5	1.0	2.5	6.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	30	10.2	2.3	5.6	14.8
Overweight (25 ≤ BMI < 30)	34	9.8	1.9	6.0	13.5
Obese (BMI ≥ 30)	45	12.4	2.1	8.2	16.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	57	7.9	1.3	5.5	10.4
Does not participate in leisure time physical activity	58	18.6	2.9	12.9	24.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	101	11.4	1.4	8.7	14.1
<b>Smoking Status</b>					
Current smoker	28	11.6	2.5	6.7	16.5
Non-smoker	89	10.6	1.4	7.9	13.3
<b>Health Insurance Status</b>					
Insured	104	11.2	1.3	8.6	13.8
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,937	10.2	0.3	9.6	10.8
East Central Kansas Public Health Coalition	96	11.9	1.5	9.0	14.8
<b>Gender</b>					
Men	33	10.4	2.3	5.9	14.8
Women	63	13.3	1.9	9.5	17.1
<b>Age Group</b>					
18 to 44 Years	32	14.8	2.8	9.2	20.3
45 to 64 Years	46	11.4	2.0	7.5	15.3
65 Years and Older	18	6.6	1.7	3.3	9.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	92	12.0	1.5	9.0	15.0
<b>Race</b>					
White	86	11.1	1.5	8.2	14.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	51	14.3	2.5	9.4	19.2
Some College or College Graduate	45	9.4	1.6	6.3	12.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	17.1	2.8	11.6	22.7
\$35,000 or Higher per Year	31	8.8	1.8	5.2	12.3
<b>Disability Status</b>					
Living with a Disability	55	23.6	3.5	16.8	30.4
Living without a Disability	39	8.2	1.6	5.0	11.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	22	9.5	2.5	4.7	14.4
Overweight (25 ≤ BMI < 30)	26	<i>11.3</i>	2.9	5.7	16.9
Obese (BMI ≥ 30)	42	<i>14.9</i>	2.6	9.9	19.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	49	9.4	1.7	6.1	12.8
Does not participate in leisure time physical activity	46	<i>18.7</i>	3.1	12.6	24.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	84	12.9	1.7	9.5	16.2
<b>Smoking Status</b>					
Current smoker	37	<i>22.1</i>	4.2	13.8	30.4
Non-smoker	59	8.7	1.4	6.0	11.4
<b>Health Insurance Status</b>					
Insured	78	10.5	1.5	7.6	13.5
Uninsured	18	<i>20.6</i>	5.0	10.8	30.3

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,985	39.5	0.7	38.2	40.8
East Central Kansas Public Health Coalition	186	41.6	3.1	35.5	47.6
<b>Gender</b>					
Men	66	44.3	5.4	33.7	54.8
Women	120	39.7	3.6	32.6	46.7
<b>Age Group</b>					
18 to 44 Years	47	42.0	5.5	31.3	52.8
45 to 64 Years	85	44.5	4.2	36.3	52.8
65 Years and Older	53	34.6	4.5	25.8	43.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	181	42.1	3.1	36.0	48.3
<b>Race</b>					
White	174	41.6	3.2	35.2	47.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	84	45.4	4.8	35.9	54.8
Some College or College Graduate	102	37.8	3.7	30.5	45.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	88	45.8	4.9	36.3	55.4
\$35,000 or Higher per Year	75	37.3	4.2	29.1	45.5
<b>Disability Status</b>					
Living with a Disability	107	56.8	4.6	47.8	65.8
Living without a Disability	74	32.8	4.2	24.6	41.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	43	40.1	6.1	28.1	52.1
Overweight (25 ≤ BMI < 30)	62	44.8	5.6	33.8	55.8
Obese (BMI ≥ 30)	71	41.2	4.7	32.0	50.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	111	39.6	3.8	32.2	47.0
Does not participate in leisure time physical activity	70	44.7	5.6	33.8	55.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	155	41.3	3.4	34.7	48.0
<b>Smoking Status</b>					
Current smoker	51	50.3	6.3	37.9	62.7
Non-smoker	134	38.1	3.5	31.3	44.9
<b>Health Insurance Status</b>					
Insured	164	42.2	3.3	35.8	48.5
Uninsured	21	38.5	7.9	22.9	54.1

**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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,236	4.4	0.2	4.1	4.7
East Central Kansas Public Health Coalition	67	5.3	0.7	3.8	6.7
<b>Gender</b>					
Men	38	7.9	1.4	5.1	10.7
Women	29	2.8	0.6	1.7	3.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	21	5.3	1.3	2.7	7.9
65 Years and Older	44	15.3	2.4	10.6	19.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	64	5.2	0.8	3.8	6.7
<b>Race</b>					
White	62	4.9	0.7	3.5	6.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	38	7.2	1.3	4.6	9.7
Some College or College Graduate	29	3.4	0.7	2.0	4.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	38	7.4	1.4	4.7	10.2
\$35,000 or Higher per Year	17	3.4	1.0	1.5	5.4
<b>Disability Status</b>					
Living with a Disability	38	11.5	2.1	7.4	15.7
Living without a Disability	26	3.1	0.7	1.7	4.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	29	7.9	1.6	4.8	11.1
Obese (BMI ≥ 30)	23	5.5	1.3	2.9	8.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	31	3.9	0.8	2.3	5.5
Does not participate in leisure time physical activity	34	8.7	1.7	5.3	12.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	61	5.9	0.9	4.2	7.6
<b>Smoking Status</b>					
Current smoker	16	6.0	1.7	2.6	9.4
Non-smoker	50	5.0	0.8	3.4	6.6
<b>Health Insurance Status</b>					
Insured	61	5.9	0.9	4.2	7.6
Uninsured	*	*	*	*	*

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,333	4.5	0.2	4.2	4.8
East Central Kansas Public Health Coalition	58	4.5	0.7	3.1	5.9
<b>Gender</b>					
Men	31	6.2	1.3	3.6	8.8
Women	27	2.9	0.6	1.7	4.2
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	40	13.4	2.2	9.1	17.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	55	4.5	0.7	3.0	5.9
<b>Race</b>					
White	53	4.4	0.7	2.9	5.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	25	5.2	1.2	2.8	7.6
Some College or College Graduate	33	3.8	0.7	2.4	5.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	5.2	1.2	2.9	7.4
\$35,000 or Higher per Year	22	4.4	1.1	2.2	6.7
<b>Disability Status</b>					
Living with a Disability	35	9.4	1.8	5.9	12.8
Living without a Disability	22	2.9	0.8	1.5	4.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	27	6.9	1.6	3.7	10.0
Obese (BMI ≥ 30)	20	4.2	1.0	2.1	6.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	32	3.8	0.8	2.2	5.4
Does not participate in leisure time physical activity	25	6.4	1.5	3.5	9.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	47	4.7	0.8	3.1	6.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	51	5.0	0.8	3.4	6.7
<b>Health Insurance Status</b>					
Insured	54	5.1	0.8	3.4	6.7
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults Who Had A Stroke, 2011

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	831	2.7	0.1	2.5	3.0
East Central Kansas Public Health Coalition	37	2.3	0.4	1.5	3.2
<b>Gender</b>					
Men	*	*	*	*	*
Women	24	2.4	0.6	1.3	3.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	22	6.5	1.5	3.6	9.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	36	2.4	0.5	1.5	3.3
<b>Race</b>					
White	33	2.0	0.4	1.2	2.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	25	3.7	0.8	2.0	5.3
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	3.8	0.9	2.0	5.7
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	25	6.1	1.4	3.3	8.9
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)	17	3.7	1.1	1.7	5.8
Obese (BMI ≥ 30)	15	3.0	0.8	1.3	4.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	21	1.9	0.5	1.0	2.8
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	32	2.4	0.5	1.4	3.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	30	2.3	0.5	1.4	3.3
<b>Health Insurance Status</b>					
Insured	33	2.3	0.5	1.4	3.2
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,234	30.8	0.4	30.1	31.6
East Central Kansas Public Health Coalition	411	34.3	1.9	30.6	37.9
<b>Gender</b>					
Men	174	37.5	3.0	31.7	43.3
Women	237	31.3	2.3	26.8	35.7
<b>Age Group</b>					
18 to 44 Years	44	16.5	2.7	11.3	21.7
45 to 64 Years	171	42.9	2.8	37.3	48.4
65 Years and Older	191	57.1	3.1	51.1	63.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	401	34.8	1.9	31.1	38.5
<b>Race</b>					
White	385	33.7	1.9	30.0	37.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	196	38.5	3.0	32.6	44.4
Some College or College Graduate	215	30.1	2.2	25.8	34.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	183	38.5	3.2	32.3	44.7
\$35,000 or Higher per Year	168	34.1	2.6	28.9	39.3
<b>Disability Status</b>					
Living with a Disability	180	57.5	3.7	50.2	64.8
Living without a Disability	219	26.6	2.0	22.6	30.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	83	20.5	2.8	15.0	26.0
Overweight (25 ≤ BMI < 30)	141	34.5	3.1	28.5	40.5
Obese (BMI ≥ 30)	172	49.6	3.4	42.9	56.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	261	30.4	2.1	26.2	34.5
Does not participate in leisure time physical activity	140	43.7	3.8	36.3	51.2
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	39	30.3	5.2	20.1	40.6
Did Not Meet Both Aerobic and Strengthening Guidelines	343	34.6	2.0	30.6	38.6
<b>Smoking Status</b>					
Current smoker	81	36.2	4.4	27.6	44.8
Non-smoker	328	33.7	2.0	29.8	37.7
<b>Health Insurance Status</b>					
Insured	372	35.8	2.0	31.9	39.7
Uninsured	38	31.1	5.4	20.6	41.6

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	10,021	58.3	0.4	57.4	59.2
East Central Kansas Public Health Coalition	489	59.7	2.0	55.7	63.7
<b>Gender</b>					
Men	193	60.2	3.1	54.1	66.3
Women	296	59.3	2.7	54.1	64.5
<b>Age Group</b>					
18 to 44 Years	155	71.5	3.7	64.2	78.8
45 to 64 Years	225	61.5	2.7	56.3	66.8
65 Years and Older	103	31.5	2.9	25.8	37.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	469	59.3	2.1	55.2	63.3
<b>Race</b>					
White	454	59.2	2.1	55.1	63.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	222	61.7	3.2	55.4	68.0
Some College or College Graduate	267	57.9	2.5	52.9	62.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	187	60.5	3.4	53.8	67.2
\$35,000 or Higher per Year	231	59.0	2.7	53.7	64.3
<b>Disability Status</b>					
Living with a Disability	128	52.4	3.7	45.2	59.6
Living without a Disability	361	62.3	2.4	57.6	67.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	150	62.9	4.1	54.8	71.0
Overweight (25 ≤ BMI < 30)	169	58.9	3.3	52.5	65.3
Obese (BMI ≥ 30)	148	56.8	3.4	50.2	63.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	355	60.9	2.4	56.2	65.6
Does not participate in leisure time physical activity	134	56.8	3.8	49.2	64.3
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	52	57.0	5.5	46.2	67.8
Did Not Meet Both Aerobic and Strengthening Guidelines	419	60.2	2.2	55.8	64.5
<b>Smoking Status</b>					
Current smoker	113	72.2	4.0	64.3	80.2
Non-smoker	373	55.8	2.3	51.3	60.3
<b>Health Insurance Status</b>					
Insured	412	56.8	2.2	52.5	61.0
Uninsured	73	76.8	4.7	67.6	86.0

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,059	32.4	0.7	31.0	33.7
East Central Kansas Public Health Coalition	103	31.5	2.9	25.8	37.1
<b>Gender</b>					
Men	37	30.9	4.6	21.8	39.9
Women	66	32.0	3.6	25.0	39.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	103	32.2	2.9	26.5	37.9
<b>Race</b>					
White	98	31.3	2.9	25.6	37.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	52	28.3	3.8	20.9	35.8
Some College or College Graduate	51	35.8	4.3	27.4	44.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	30.5	3.9	22.9	38.1
\$35,000 or Higher per Year	32	36.7	5.6	25.7	47.7
<b>Disability Status</b>					
Living with a Disability	37	25.4	4.1	17.4	33.4
Living without a Disability	66	36.0	3.9	28.3	43.7
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	34	32.7	5.3	22.3	43.0
Overweight (25 ≤ BMI < 30)	43	32.5	4.5	23.6	41.4
Obese (BMI ≥ 30)	22	28.4	5.8	17.1	39.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>66</i>	<i>32.7</i>	<i>3.6</i>	<i>25.6</i>	<i>39.8</i>
Does not participate in leisure time physical activity	<i>37</i>	<i>29.4</i>	<i>4.7</i>	<i>20.2</i>	<i>38.6</i>
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>92</i>	<i>31.8</i>	<i>3.1</i>	<i>25.7</i>	<i>37.9</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>85</i>	<i>29.2</i>	<i>3.0</i>	<i>23.4</i>	<i>35.1</i>
<b>Health Insurance Status</b>					
Insured	<i>101</i>	<i>31.1</i>	<i>2.9</i>	<i>25.4</i>	<i>36.8</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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,792	29.2	0.7	27.9	30.6
East Central Kansas Public Health Coalition	101	33.7	3.1	27.6	39.7
<b>Gender</b>					
Men	38	36.3	5.1	26.2	46.3
Women	63	31.5	3.6	24.3	38.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	100	33.2	3.0	27.3	39.1
<b>Race</b>					
White	93	31.8	3.0	25.9	37.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	49	31.6	4.2	23.2	39.9
Some College or College Graduate	52	36.6	4.4	28.0	45.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	54	32.7	4.1	24.6	40.7
\$35,000 or Higher per Year	30	35.7	5.6	24.7	46.7
<b>Disability Status</b>					
Living with a Disability	32	26.6	4.7	17.4	35.8
Living without a Disability	68	37.6	4.0	29.7	45.5
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	37	39.0	5.8	27.5	50.4
Overweight (25 ≤ BMI < 30)	34	26.6	4.3	18.1	35.1
Obese (BMI ≥ 30)	27	41.2	6.4	28.7	53.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>68</i>	<i>34.5</i>	<i>3.7</i>	<i>27.2</i>	<i>41.8</i>
Does not participate in leisure time physical activity	<i>33</i>	<i>32.3</i>	<i>5.3</i>	<i>21.8</i>	<i>42.8</i>
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	<i>85</i>	<i>31.9</i>	<i>3.3</i>	<i>25.5</i>	<i>38.3</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>91</i>	<i>33.4</i>	<i>3.2</i>	<i>27.2</i>	<i>39.7</i>
<b>Health Insurance Status</b>					
Insured	<i>100</i>	<i>33.9</i>	<i>3.1</i>	<i>27.8</i>	<i>40.0</i>
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,907	29.6	0.4	28.7	30.4
East Central Kansas Public Health Coalition	316	32.7	1.9	28.9	36.5
<b>Gender</b>					
Men	134	33.5	2.9	27.8	39.3
Women	182	31.9	2.5	26.9	36.8
<b>Age Group</b>					
18 to 44 Years	73	29.6	3.5	22.8	36.4
45 to 64 Years	161	40.9	2.8	35.4	46.5
65 Years and Older	81	25.5	2.7	20.1	30.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	308	32.7	2.0	28.8	36.5
<b>Race</b>					
White	296	31.9	2.0	28.0	35.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	140	32.7	3.0	26.8	38.5
Some College or College Graduate	176	32.7	2.5	27.9	37.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	135	34.6	3.2	28.3	40.9
\$35,000 or Higher per Year	146	33.5	2.6	28.3	38.6
<b>Disability Status</b>					
Living with a Disability	125	46.5	3.7	39.2	53.8
Living without a Disability	184	28.3	2.2	23.9	32.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	205	31.7	2.3	27.2	36.2
Does not participate in leisure time physical activity	106	35.0	3.6	27.8	42.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	28	28.5	5.6	17.6	39.5
Did Not Meet Both Aerobic and Strengthening Guidelines	275	33.5	2.1	29.4	37.7
<b>Smoking Status</b>					
Current smoker	61	31.4	4.3	23.0	39.8
Non-smoker	254	33.2	2.2	29.0	37.4
<b>Health Insurance Status</b>					
Insured	273	32.3	2.0	28.4	36.3
Uninsured	41	35.0	5.6	24.1	45.9

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	12,869	64.4	0.5	63.5	65.3
East Central Kansas Public Health Coalition	650	66.2	2.2	61.9	70.4
<b>Gender</b>					
Men	296	73.8	3.2	67.5	80.0
Women	354	58.7	2.9	53.0	64.4
<b>Age Group</b>					
18 to 44 Years	140	57.0	4.1	49.0	65.1
45 to 64 Years	295	75.9	2.5	71.1	80.8
65 Years and Older	212	69.5	2.9	63.9	75.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	633	66.7	2.2	62.4	71.0
<b>Race</b>					
White	612	65.6	2.3	61.1	70.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	277	64.9	3.5	58.1	71.8
Some College or College Graduate	373	67.5	2.6	62.3	72.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	260	66.9	3.6	59.9	73.9
\$35,000 or Higher per Year	316	72.2	2.6	67.2	77.3
<b>Disability Status</b>					
Living with a Disability	210	73.5	3.5	66.7	80.4
Living without a Disability	427	63.9	2.7	58.7	69.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	451	65.5	2.6	60.4	70.6
Does not participate in leisure time physical activity	191	68.2	4.2	60.0	76.4
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	67	59.9	5.8	48.6	71.3
Did Not Meet Both Aerobic and Strengthening Guidelines	553	67.1	2.4	62.4	71.9
<b>Smoking Status</b>					
Current smoker	116	63.0	4.9	53.4	72.7
Non-smoker	530	67.0	2.4	62.3	71.7
<b>Health Insurance Status</b>					
Insured	575	68.0	2.3	63.6	72.4
Uninsured	73	62.4	6.1	50.4	74.4

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,339	19.4	0.4	18.6	20.1
East Central Kansas Public Health Coalition	181	22.6	1.9	18.8	26.3
<b>Gender</b>					
Men	107	32.9	3.3	26.5	39.4
Women	74	13.1	1.8	9.6	16.7
<b>Age Group</b>					
18 to 44 Years	51	26.9	3.8	19.6	34.3
45 to 64 Years	73	18.9	2.3	14.5	23.4
65 Years and Older	55	19.5	2.6	14.4	24.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	171	21.4	1.9	17.7	25.1
<b>Race</b>					
White	168	22.3	2.0	18.4	26.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	99	26.5	3.2	20.3	32.7
Some College or College Graduate	82	18.7	2.2	14.4	23.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	76	23.0	3.2	16.8	29.3
\$35,000 or Higher per Year	79	21.7	2.5	16.8	26.6
<b>Disability Status</b>					
Living with a Disability	62	18.9	2.6	13.8	23.9
Living without a Disability	118	23.7	2.4	19.0	28.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	52	25.7	4.1	17.7	33.6
Overweight (25 ≤ BMI <30)	53	21.7	3.3	15.2	28.2
Obese (BMI ≥ 30)	69	21.8	2.7	16.4	27.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	115	21.0	2.2	16.6	25.4
Does not participate in leisure time physical activity	66	26.5	3.7	19.2	33.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	15	13.2	3.5	6.4	20.0
Did Not Meet Both Aerobic and Strengthening Guidelines	157	23.8	2.2	19.5	28.0
<b>Smoking Status</b>					
Current smoker	46	32.2	5.2	22.1	42.3
Non-smoker	133	19.5	1.9	15.8	23.1
<b>Health Insurance Status</b>					
Insured	153	21.3	2.0	17.4	25.2
Uninsured	26	29.2	5.9	17.6	40.8

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,547	22.0	0.4	21.2	22.8
East Central Kansas Public Health Coalition	187	24.0	1.9	20.1	27.8
<b>Gender</b>					
Men	83	26.7	3.2	20.4	32.9
Women	104	21.4	2.3	17.0	25.9
<b>Age Group</b>					
18 to 44 Years	55	28.2	3.7	20.8	35.5
45 to 64 Years	94	25.8	2.6	20.8	30.8
65 Years and Older	37	11.9	2.2	7.6	16.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	180	23.6	1.9	19.8	27.4
<b>Race</b>					
White	174	23.5	2.0	19.6	27.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	108	31.3	3.2	25.0	37.6
Some College or College Graduate	79	16.6	2.0	12.6	20.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	105	35.1	3.5	28.3	41.9
\$35,000 or Higher per Year	57	15.4	2.2	11.1	19.7
<b>Disability Status</b>					
Living with a Disability	76	32.7	3.6	25.6	39.7
Living without a Disability	104	20.6	2.3	16.0	25.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	64	26.7	3.9	19.0	34.4
Overweight (25 ≤ BMI <30)	55	23.3	3.3	16.8	29.8
Obese (BMI ≥ 30)	61	23.5	3.1	17.4	29.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	103	20.6	2.3	16.1	25.1
Does not participate in leisure time physical activity	79	32.2	3.8	24.7	39.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	17	18.8	5.0	9.0	28.6
Did Not Meet Both Aerobic and Strengthening Guidelines	159	24.3	2.2	20.1	28.6
<b>Health Insurance Status</b>					
Insured	145	20.4	1.9	16.6	24.2
Uninsured	42	46.4	5.9	34.7	58.0

**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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,868	55.5	1.1	53.4	57.6
East Central Kansas Public Health Coalition	81	47.6	4.8	38.1	57.1
<b>Gender</b>					
Men	37	51.7	7.3	37.3	66.1
Women	44	42.9	5.9	31.4	54.4
<b>Age Group</b>					
18 to 44 Years	25	49.4	8.0	33.6	65.1
45 to 64 Years	38	46.3	5.9	34.7	57.9
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	77	45.8	4.9	36.3	55.3
<b>Race</b>					
White	70	44.4	5.1	34.4	54.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	47	45.2	6.4	32.6	57.8
Some College or College Graduate	34	52.1	6.7	38.9	65.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	55.7	6.3	43.3	68.0
\$35,000 or Higher per Year	18	38.0	7.9	22.5	53.4
<b>Disability Status</b>					
Living with a Disability	40	54.6	6.9	41.1	68.2
Living without a Disability	38	43.6	6.6	30.6	56.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	27	43.5	8.8	26.3	60.8
Overweight (25 ≤ BMI <30)	20	47.8	8.7	30.7	64.9
Obese (BMI ≥ 30)	30	51.6	7.8	36.4	66.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	53	53.8	6.4	41.2	66.4
Does not participate in leisure time physical activity	26	38.5	7.8	23.3	53.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	66	46.5	5.3	36.1	56.9
<b>Health Insurance Status</b>					
Insured	60	44.1	5.5	33.4	54.8
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	760	5.3	0.2	4.9	5.8
East Central Kansas Public Health Coalition	57	8.4	1.2	6.0	10.8
<b>Gender</b>					
Men	55	16.8	2.4	12.1	21.5
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	27	13.1	2.5	8.2	18.0
45 to 64 Years	22	5.8	1.3	3.3	8.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	55	8.6	1.3	6.1	11.1
<b>Race</b>					
White	53	8.3	1.2	5.9	10.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	36	10.9	2.0	7.0	14.8
Some College or College Graduate	21	5.9	1.4	3.1	8.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	9.2	2.1	5.0	13.4
\$35,000 or Higher per Year	25	7.3	1.5	4.3	10.4
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	40	8.6	1.4	5.8	11.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI <30)	24	10.4	2.2	6.0	14.8
Obese (BMI ≥ 30)	20	9.4	2.2	5.0	13.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	38	7.9	1.4	5.1	10.7
Does not participate in leisure time physical activity	18	9.1	2.3	4.6	13.7
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	44	7.8	1.3	5.2	10.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	47	8.4	1.3	5.8	11.0
<b>Health Insurance Status</b>					
Insured	42	6.4	1.1	4.3	8.4
Uninsured	13	16.7	4.7	7.4	26.0

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

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

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

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	684	10.1	0.4	9.2	11.0
East Central Kansas Public Health Coalition	55	16.8	2.4	12.1	21.5
<b>Age Group</b>					
18 to 44 Years	25	25.0	4.7	15.7	34.2
45 to 64 Years	22	12.2	2.7	7.0	17.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	53	17.5	2.5	12.5	22.4
<b>Race</b>					
White	51	17.2	2.5	12.2	22.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	35	19.5	3.5	12.7	26.4
Some College or College Graduate	20	13.2	3.1	7.1	19.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	22	17.3	3.9	9.6	25.1
\$35,000 or Higher per Year	24	14.7	3.1	8.7	20.7
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	38	16.8	2.8	11.4	22.3
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	24	17.5	3.6	10.3	24.6
Obese (BMI ≥ 30)	18	16.8	4.1	8.8	24.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	38	17.3	2.9	11.5	23.1
Does not participate in leisure time physical activity	16	15.1	4.1	7.2	23.1
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	*	*	*	*	*
Did Not Meet Both Aerobic and Strengthening Guidelines	42	15.8	2.6	10.7	20.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	46	17.7	2.7	12.4	23.0
<b>Health Insurance Status</b>					
Insured	40	13.4	2.2	9.1	17.8
Uninsured	13	27.7	7.4	13.2	42.2

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,699	11.5	0.3	11.0	12.1
East Central Kansas Public Health Coalition	140	13.7	1.4	11.0	16.4
<b>Gender</b>					
Men	130	26.7	2.7	21.4	32.0
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	19	10.0	2.5	5.1	14.8
45 to 64 Years	46	11.0	1.7	7.6	14.3
65 Years and Older	73	26.4	2.8	20.8	31.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	134	13.2	1.3	10.7	15.8
<b>Race</b>					
White	129	13.3	1.4	10.5	16.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	60	14.0	2.2	9.7	18.4
Some College or College Graduate	80	13.4	1.7	10.1	16.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	61	15.2	2.5	10.3	20.2
\$35,000 or Higher per Year	62	14.1	2.0	10.3	18.0
<b>Disability Status</b>					
Living with a Disability	46	16.6	2.8	11.1	22.2
Living without a Disability	89	12.3	1.6	9.2	15.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	31	11.0	2.8	5.6	16.4
Overweight (25 ≤ BMI <30)	53	16.0	2.4	11.3	20.7
Obese (BMI ≥ 30)	54	15.5	2.3	11.0	20.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	97	13.7	1.6	10.5	16.8
Does not participate in leisure time physical activity	41	14.0	2.9	8.3	19.6
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	20	15.4	3.9	7.7	23.0
Did Not Meet Both Aerobic and Strengthening Guidelines	110	12.9	1.5	10.0	15.9
<b>Smoking Status</b>					
Current smoker	22	12.8	3.7	5.6	20.0
Non-smoker	116	14.0	1.4	11.1	16.8
<b>Health Insurance Status</b>					
Insured	126	13.6	1.3	11.0	16.2
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,108	15.7	0.3	15.1	16.3
East Central Kansas Public Health Coalition	213	16.8	1.4	14.1	19.6
<b>Gender</b>					
Men	70	13.6	1.9	9.8	17.3
Women	143	19.9	2.1	15.8	23.9
<b>Age Group</b>					
18 to 44 Years	22	9.3	2.2	4.9	13.7
45 to 64 Years	83	19.4	2.3	15.0	23.9
65 Years and Older	107	28.9	2.7	23.6	34.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	210	17.4	1.5	14.5	20.3
<b>Race</b>					
White	200	16.2	1.4	13.4	18.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	88	16.6	2.2	12.2	21.0
Some College or College Graduate	125	17.1	1.7	13.7	20.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	104	21.2	2.5	16.3	26.2
\$35,000 or Higher per Year	78	14.4	2.0	10.5	18.2
<b>Disability Status</b>					
Living with a Disability	105	33.6	3.6	26.6	40.7
Living without a Disability	107	11.5	1.4	8.9	14.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	46	10.4	2.1	6.2	14.5
Overweight (25 ≤ BMI < 30)	80	16.7	2.1	12.6	20.9
Obese (BMI ≥ 30)	73	21.5	2.8	16.0	27.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	138	15.8	1.7	12.5	19.2
Does not participate in leisure time physical activity	75	20.5	2.7	15.2	25.9
<b>Aerobic and Strengthening Exercise (2-Level)</b>					
Met Both Aerobic and Strengthening Guidelines	20	16.1	4.1	8.1	24.1
Did Not Meet Both Aerobic and Strengthening Guidelines	183	17.0	1.6	14.0	20.1
<b>Smoking Status</b>					
Current smoker	34	14.7	2.9	8.9	20.5
Non-smoker	178	17.6	1.6	14.4	20.7
<b>Health Insurance Status</b>					
Insured	197	17.8	1.5	14.8	20.8
Uninsured	16	14.6	4.0	6.7	22.5

**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>