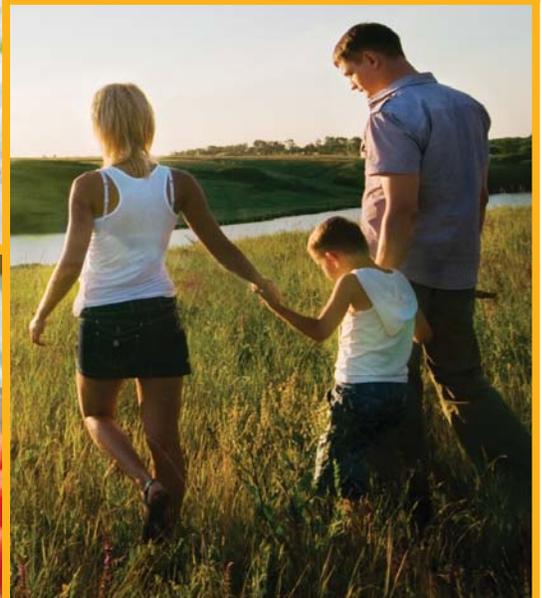


# 2015 Kansas Behavioral Risk Factor Surveillance System Local Data

## North Central Kansas Public Health Initiative



January 2017



# **2015 Kansas Behavioral Risk Factor Surveillance System Local Data**

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**Kansas Department of Health and Environment  
Bureau of Health Promotion**  
January 2017

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

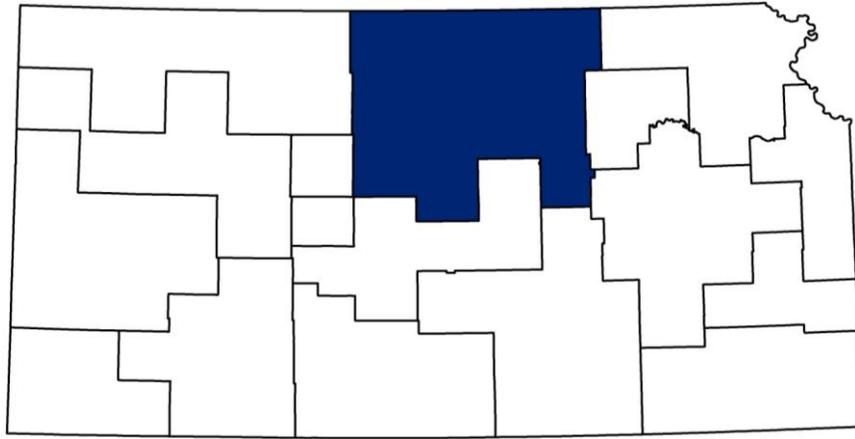
## **Mission**

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)**



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

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2015 can also  
be accessed at <http://www.kdheks.gov/brfss/>

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## Percentage of Adults Who Are Binge Drinkers, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,556	15.6	0.3	15.0	16.3
North Central Kansas Public Health Initiative	80	12.4	1.4	9.6	15.2
<b>Gender</b>					
Men	55	18.4	2.5	13.5	23.3
Women	25	6.6	1.4	3.9	9.2
<b>Age Group</b>					
18 to 44 Years	35	18.6	3.7	12.6	24.6
45 to 64 Years	35	13.2	2.3	8.7	17.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	78	12.2	1.4	9.3	15.0
<b>Race</b>					
White	80	12.9	1.5	9.9	15.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	30	10.2	2.0	6.4	14.1
Some College or College Graduate	50	14.0	2.0	10.0	18.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	10.3	2.1	6.2	14.5
\$35,000 or Higher per Year	45	15.3	2.3	10.8	19.9
<b>Disability Status</b>					
Living with a Disability	15	8.7	2.3	4.2	13.3
Living without a Disability	64	13.7	1.8	10.2	17.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	18	9.9	2.4	5.3	14.6
Overweight (25 ≤ BMI < 30)	31	12.4	2.3	7.9	16.9
Obese (BMI ≥ 30)	27	15.7	3.0	9.7	21.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	47	11.4	1.7	8.0	14.8
Does not participate in leisure time physical activity	25	13.5	2.8	8.0	18.9
<b>Smoking Status</b>					
Current smoker	17	12.8	3.2	6.6	19.0
Non-smoker	62	12.2	1.6	9.1	15.4
<b>Health Insurance Status</b>					
Insured	68	12.0	1.5	9.0	14.9
Uninsured	12	17.5	5.2	7.2	27.7

**Numerator:** Male respondents who reported having five or more drinks on one occasion in the past 30 days or female respondents who reported 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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	965	5.1	0.2	4.7	5.5
North Central Kansas Public Health Initiative	30	4.4	0.9	2.7	6.2
<b>Gender</b>					
Men	20	6.2	1.5	3.2	9.1
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	18	6.2	1.5	3.2	9.2
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	29	4.3	0.9	2.6	6.0
<b>Race</b>					
White	30	4.6	0.9	2.8	6.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	15	5.2	1.4	2.4	8.0
Some College or College Graduate	15	3.9	1.1	1.7	6.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	17	5.4	1.4	2.7	8.2
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	24	5.0	1.1	2.8	7.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	16	3.3	0.9	1.6	5.1
Does not participate in leisure time physical activity	13	7.9	2.3	3.3	12.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	21	4.2	1.0	2.3	6.1
<b>Health Insurance Status</b>					
Insured	26	4.5	0.9	2.6	6.3
Uninsured	*	*	*	*	*

**Numerator:** Male respondents who reported consuming an average of more than 14 drinks per week and female respondents who reported consuming an average of more than 7 drink per week 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,320	24.5	0.3	23.9	25.1
North Central Kansas Public Health Initiative	296	30.3	1.8	26.8	33.8
<b>Gender</b>					
Men	119	26.8	2.5	22.0	31.7
Women	177	33.8	2.5	28.8	38.7
<b>Age Group</b>					
18 to 44 Years	21	11.3	2.5	6.5	16.2
45 to 64 Years	99	31.5	2.9	25.8	37.2
65 Years and Older	175	53.9	3.2	47.7	60.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	296	30.8	1.8	27.3	34.4
<b>Race</b>					
White	288	30.9	1.8	27.3	34.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	134	34.0	2.9	28.3	39.8
Some College or College Graduate	160	27.5	2.2	23.2	31.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	119	34.7	3.2	28.4	41.0
\$35,000 or Higher per Year	121	28.4	2.6	23.4	33.4
<b>Disability Status</b>					
Living with a Disability	149	60.2	3.7	52.9	67.5
Living without a Disability	139	19.5	1.7	16.0	22.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	58	23.8	3.4	17.1	30.5
Overweight (25 ≤ BMI < 30)	108	31.0	3.0	25.1	36.9
Obese (BMI ≥ 30)	106	36.4	3.3	29.8	42.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	174	29.5	2.3	25.0	34.0
Does not participate in leisure time physical activity	103	36.1	3.4	29.4	42.7
<b>Smoking Status</b>					
Current smoker	36	31.2	5.2	21.1	41.4
Non-smoker	250	30.5	1.9	26.7	34.3
<b>Health Insurance Status</b>					
Insured	283	32.5	1.9	28.8	36.2
Uninsured	13	18.5	5.3	8.1	29.0

**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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,152	48.2	0.8	46.7	49.7
North Central Kansas Public Health Initiative	134	49.8	3.6	42.7	57.0
<b>Gender</b>					
Men	54	50.9	5.4	40.4	61.4
Women	80	49.0	4.9	39.3	58.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	41	47.0	5.9	35.5	58.5
65 Years and Older	84	53.6	4.8	44.3	62.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	134	49.8	3.6	42.7	57.0
<b>Race</b>					
White	129	49.6	3.7	42.4	56.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	69	57.6	5.4	47.0	68.2
Some College or College Graduate	65	43.5	4.7	34.3	52.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	62	61.7	5.8	50.3	73.0
\$35,000 or Higher per Year	42	36.5	5.3	26.1	46.9
<b>Disability Status</b>					
Living with a Disability	103	70.7	4.7	61.5	79.9
Living without a Disability	31	23.8	4.3	15.4	32.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	28	59.7	8.4	43.2	76.2
Overweight (25 ≤ BMI <30)	37	32.5	5.4	22.0	43.1
Obese (BMI ≥ 30)	59	60.8	5.5	50.0	71.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	71	44.1	4.7	35.0	53.2
Does not participate in leisure time physical activity	63	61.3	5.7	50.2	72.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	113	48.3	3.8	40.9	55.8
<b>Health Insurance Status</b>					
Insured	128	50.2	3.7	43.0	57.5
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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,990	8.7	0.2	8.2	9.1
North Central Kansas Public Health Initiative	54	5.3	0.8	3.7	7.0
<b>Gender</b>					
Men	20	5.0	1.3	2.5	7.4
Women	34	5.7	1.1	3.5	7.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	23	7.5	1.7	4.1	10.9
65 Years and Older	26	6.5	1.4	3.7	9.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	53	5.2	0.8	3.6	6.9
<b>Race</b>					
White	52	5.3	0.9	3.6	6.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	25	6.1	1.4	3.2	8.9
Some College or College Graduate	29	4.9	1.0	2.9	6.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	6.1	1.4	3.4	8.9
\$35,000 or Higher per Year	17	4.3	1.2	2.0	6.6
<b>Disability Status</b>					
Living with a Disability	26	10.0	2.3	5.5	14.4
Living without a Disability	26	3.6	0.8	2.0	5.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	15	3.9	1.2	1.6	6.2
Obese (BMI ≥ 30)	22	7.2	1.8	3.7	10.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	31	5.0	1.1	2.9	7.1
Does not participate in leisure time physical activity	19	6.7	1.7	3.4	10.0
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	42	4.9	0.9	3.1	6.6
<b>Health Insurance Status</b>					
Insured	51	6.0	1.0	4.1	7.8
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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), 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,273	7.1	0.2	6.8	7.5
North Central Kansas Public Health Initiative	110	10.2	1.0	8.2	12.3
<b>Gender</b>					
Men	41	7.9	1.3	5.3	10.5
Women	69	12.5	1.6	9.4	15.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	25	7.0	1.4	4.2	9.8
65 Years and Older	77	23.8	2.6	18.6	29.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	110	10.4	1.1	8.3	12.5
<b>Race</b>					
White	108	10.5	1.1	8.4	12.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	49	11.4	1.7	8.0	14.7
Some College or College Graduate	60	9.3	1.3	6.8	11.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	49	13.6	2.0	9.6	17.6
\$35,000 or Higher per Year	43	8.3	1.4	5.7	11.0
<b>Disability Status</b>					
Living with a Disability	56	19.9	2.7	14.5	25.2
Living without a Disability	52	6.9	1.0	4.9	9.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	27	9.0	2.0	5.2	12.9
Overweight (25 ≤ BMI < 30)	46	12.9	2.0	8.9	16.8
Obese (BMI ≥ 30)	29	9.1	1.7	5.7	12.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	63	9.0	1.3	6.6	11.5
Does not participate in leisure time physical activity	42	15.3	2.4	10.7	20.0
<b>Smoking Status</b>					
Current smoker	13	7.8	2.2	3.4	12.2
Non-smoker	94	10.9	1.2	8.5	13.3
<b>Health Insurance Status</b>					
Insured	105	11.2	1.2	9.0	13.5
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,155	6.4	0.2	6.1	6.7
North Central Kansas Public Health Initiative	88	7.6	0.9	5.9	9.3
<b>Gender</b>					
Men	43	8.9	1.4	6.1	11.8
Women	45	6.3	1.0	4.3	8.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	26	7.5	1.5	4.5	10.5
65 Years and Older	59	16.9	2.3	12.4	21.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	88	7.7	0.9	6.0	9.5
<b>Race</b>					
White	87	7.8	0.9	6.1	9.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	44	9.1	1.5	6.2	12.0
Some College or College Graduate	44	6.6	1.1	4.5	8.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	8.7	1.6	5.6	11.8
\$35,000 or Higher per Year	34	6.8	1.3	4.3	9.3
<b>Disability Status</b>					
Living with a Disability	33	10.6	2.0	6.7	14.4
Living without a Disability	50	6.2	1.0	4.3	8.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	22	6.7	1.6	3.6	9.8
Overweight (25 ≤ BMI < 30)	29	7.5	1.5	4.5	10.5
Obese (BMI ≥ 30)	29	8.4	1.7	5.2	11.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	51	6.7	1.0	4.7	8.7
Does not participate in leisure time physical activity	30	10.4	2.0	6.5	14.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	79	8.4	1.0	6.4	10.4
<b>Health Insurance Status</b>					
Insured	85	8.6	1.0	6.6	10.6
Uninsured	*	*	*	*	*

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

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

\* Insufficient sample and/or statistically unreliable estimate

## Percentage of Adults Who had a Heart Attack, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,263	4.0	0.1	3.7	4.2
North Central Kansas Public Health Initiative	51	4.9	0.8	3.4	6.5
<b>Gender</b>					
Men	28	6.0	1.3	3.5	8.6
Women	23	3.8	0.9	2.1	5.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	16	5.2	1.4	2.5	7.8
65 Years and Older	35	11.2	2.2	7.0	15.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	51	5.0	0.8	3.4	6.6
<b>Race</b>					
White	50	4.9	0.8	3.3	6.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	30	7.8	1.6	4.7	10.9
Some College or College Graduate	21	2.9	0.7	1.5	4.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	28	6.6	1.4	4.0	9.3
\$35,000 or Higher per Year	16	3.6	1.0	1.7	5.5
<b>Disability Status</b>					
Living with a Disability	30	9.9	1.9	6.1	13.6
Living without a Disability	21	3.3	0.9	1.6	5.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	19	5.5	1.5	2.5	8.5
Obese (BMI ≥ 30)	16	5.0	1.3	2.4	7.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	28	4.5	1.0	2.6	6.5
Does not participate in leisure time physical activity	19	6.0	1.5	3.1	8.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	44	5.2	0.9	3.4	6.9
<b>Health Insurance Status</b>					
Insured	47	5.0	0.8	3.4	6.7
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,274	3.8	0.1	3.6	4.0
North Central Kansas Public Health Initiative	44	4.3	0.7	3.0	5.7
<b>Gender</b>					
Men	23	4.7	1.0	2.7	6.7
Women	21	4.0	1.0	2.1	5.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	33	11.1	2.0	7.2	15.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	44	4.4	0.7	3.0	5.8
<b>Race</b>					
White	43	4.4	0.7	3.0	5.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	23	5.7	1.2	3.3	8.2
Some College or College Graduate	20	3.2	0.8	1.6	4.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	20	5.6	1.3	3.0	8.2
\$35,000 or Higher per Year	18	3.9	1.0	1.9	5.8
<b>Disability Status</b>					
Living with a Disability	28	10.8	2.1	6.6	15.0
Living without a Disability	16	2.1	0.6	1.0	3.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	19	5.3	1.3	2.8	7.8
Obese (BMI ≥ 30)	17	5.4	1.4	2.7	8.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	20	3.1	0.8	1.6	4.6
Does not participate in leisure time physical activity	22	8.2	1.9	4.6	11.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	35	4.2	0.8	2.7	5.8
<b>Health Insurance Status</b>					
Insured	43	4.8	0.8	3.3	6.4
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	907	3.0	0.1	2.8	3.3
North Central Kansas Public Health Initiative	42	4.4	0.7	3.0	5.8
<b>Gender</b>					
Men	13	3.1	0.9	1.3	4.8
Women	29	5.7	1.1	3.5	7.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	31	11.4	2.1	7.3	15.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	42	4.5	0.7	3.0	5.9
<b>Race</b>					
White	42	4.6	0.8	3.1	6.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	5.8	1.3	3.3	8.3
Some College or College Graduate	18	3.4	0.9	1.7	5.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	21	7.0	1.6	3.9	10.1
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	24	9.2	2.0	5.3	13.1
Living without a Disability	15	2.5	0.7	1.1	3.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	19	6.3	1.6	3.3	9.4
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	21	3.7	0.9	2.0	5.4
Does not participate in leisure time physical activity	17	6.5	1.7	3.1	9.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	33	4.3	0.8	2.7	5.9
<b>Health Insurance Status</b>					
Insured	40	4.9	0.8	3.2	6.5
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	9,207	31.6	0.4	30.9	32.3
North Central Kansas Public Health Initiative	378	36.5	1.8	32.9	40.1
<b>Gender</b>					
Men	166	36.4	2.7	31.1	41.7
Women	212	36.6	2.4	31.8	41.4
<b>Age Group</b>					
18 to 44 Years	29	12.8	2.4	8.0	17.5
45 to 64 Years	147	43.8	3.0	37.8	49.8
65 Years and Older	198	57.6	3.2	51.3	63.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	378	37.1	1.8	33.5	40.7
<b>Race</b>					
White	369	37.0	1.9	33.3	40.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	162	39.1	2.9	33.4	44.9
Some College or College Graduate	213	34.2	2.3	29.7	38.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	141	38.1	3.1	32.0	44.3
\$35,000 or Higher per Year	161	34.1	2.6	29.0	39.3
<b>Disability Status</b>					
Living with a Disability	142	51.8	3.9	44.3	59.4
Living without a Disability	225	30.9	2.1	26.9	34.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	62	23.2	3.1	17.2	29.1
Overweight (25 ≤ BMI < 30)	141	38.6	3.1	32.5	44.8
Obese (BMI ≥ 30)	139	45.5	3.5	38.6	52.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	225	35.0	2.3	30.5	39.5
Does not participate in leisure time physical activity	125	43.4	3.6	36.4	50.4
<b>Smoking Status</b>					
Current smoker	48	32.6	4.7	23.5	41.7
Non-smoker	317	37.2	2.0	33.2	41.2
<b>Health Insurance Status</b>					
Insured	353	38.8	2.0	35.0	42.6
Uninsured	23	22.5	4.9	12.9	32.0

**Numerator:** Respondents who reported 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 Who Did Not Have Their Blood Cholesterol Checked  
Within the Past Five Years, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,834	25.9	0.4	25.1	26.7
North Central Kansas Public Health Initiative	159	26.7	1.9	22.9	30.5
<b>Gender</b>					
Men	84	32.0	3.0	26.2	37.9
Women	75	21.3	2.4	16.6	25.9
<b>Age Group</b>					
18 to 44 Years	92	52.3	4.0	44.4	60.1
45 to 64 Years	50	18.9	2.7	13.7	24.1
65 Years and Older	16	5.2	1.5	2.4	8.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	157	26.7	2.0	22.9	30.6
<b>Race</b>					
White	153	26.8	2.0	22.9	30.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	66	27.8	3.1	21.7	33.8
Some College or College Graduate	92	25.7	2.5	20.8	30.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	55	25.0	3.2	18.8	31.3
\$35,000 or Higher per Year	71	27.2	2.9	21.6	32.9
<b>Disability Status</b>					
Living with a Disability	25	16.0	3.2	9.8	22.2
Living without a Disability	127	30.5	2.4	25.8	35.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	49	31.8	4.0	23.9	39.7
Overweight (25 ≤ BMI < 30)	50	25.1	3.2	18.8	31.4
Obese (BMI ≥ 30)	48	26.7	3.6	19.7	33.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	96	25.0	2.4	20.3	29.7
Does not participate in leisure time physical activity	46	28.2	3.8	20.8	35.5
<b>Smoking Status</b>					
Current smoker	32	29.1	4.7	19.8	38.4
Non-smoker	119	26.1	2.2	21.8	30.4
<b>Health Insurance Status</b>					
Insured	126	23.9	2.0	20.0	27.8
Uninsured	29	44.2	6.7	31.0	57.4

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

**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 Tested and Diagnosed with High Cholesterol, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,479	37.4	0.4	36.5	38.2
North Central Kansas Public Health Initiative	298	35.5	2.0	31.6	39.4
<b>Gender</b>					
Men	121	32.8	2.9	27.1	38.5
Women	177	37.9	2.7	32.6	43.2
<b>Age Group</b>					
18 to 44 Years	14	10.2	2.8	4.7	15.6
45 to 64 Years	113	37.9	3.1	31.7	44.1
65 Years and Older	170	50.6	3.3	44.2	57.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	297	36.0	2.0	32.0	39.9
<b>Race</b>					
White	290	35.9	2.0	32.0	39.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	124	39.7	3.3	33.1	46.2
Some College or College Graduate	174	32.9	2.5	28.1	37.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	123	40.4	3.5	33.5	47.2
\$35,000 or Higher per Year	131	33.9	2.8	28.3	39.5
<b>Disability Status</b>					
Living with a Disability	107	43.2	3.9	35.6	50.9
Living without a Disability	186	32.9	2.4	28.3	37.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	55	25.5	3.7	18.3	32.7
Overweight (25 ≤ BMI < 30)	134	47.7	3.6	40.7	54.7
Obese (BMI ≥ 30)	91	34.8	3.5	28.0	41.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	189	35.4	2.5	30.4	40.4
Does not participate in leisure time physical activity	89	39.9	3.8	32.4	47.4
<b>Smoking Status</b>					
Current smoker	40	33.7	5.4	23.1	44.3
Non-smoker	253	36.9	2.2	32.6	41.2
<b>Health Insurance Status</b>					
Insured	283	37.6	2.1	33.5	41.7
Uninsured	14	17.4	5.1	7.5	27.3

**Numerator:** Respondents who reported 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 Have Chronic Obstructive Pulmonary Disease  
(COPD), Emphysema or Chronic Bronchitis, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,752	6.2	0.2	5.8	6.5
North Central Kansas Public Health Initiative	67	7.7	1.1	5.5	9.8
<b>Gender</b>					
Men	25	4.8	1.1	2.6	7.0
Women	42	10.5	1.9	6.7	14.2
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	25	8.5	1.8	4.9	12.1
65 Years and Older	34	12.3	2.7	7.0	17.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	67	7.8	1.1	5.6	10.0
<b>Race</b>					
White	65	7.7	1.1	5.4	9.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	32	9.6	2.1	5.5	13.7
Some College or College Graduate	35	6.3	1.2	4.0	8.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	11.7	2.5	6.8	16.5
\$35,000 or Higher per Year	20	5.1	1.3	2.5	7.7
<b>Disability Status</b>					
Living with a Disability	43	20.6	3.4	13.8	27.3
Living without a Disability	21	2.9	0.7	1.5	4.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	20	7.4	1.9	3.7	11.1
Obese (BMI ≥ 30)	20	6.9	1.7	3.6	10.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	32	6.9	1.5	4.0	9.7
Does not participate in leisure time physical activity	30	11.0	2.3	6.6	15.5
<b>Smoking Status</b>					
Current smoker	<i>21</i>	<i>20.8</i>	<i>5.0</i>	<i>11.0</i>	<i>30.6</i>
Non-smoker	42	5.1	0.9	3.4	6.8
<b>Health Insurance Status</b>					
Insured	61	7.9	1.2	5.5	10.4
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported they had been told by a doctor, nurse or other health professional that they have 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,  
2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,472	19.4	0.3	18.8	20.1
North Central Kansas Public Health Initiative	161	18.8	1.6	15.8	21.9
<b>Gender</b>					
Men	41	10.3	1.7	6.9	13.7
Women	120	27.3	2.4	22.5	32.0
<b>Age Group</b>					
18 to 44 Years	39	19.4	3.0	13.5	25.4
45 to 64 Years	66	20.7	2.6	15.7	25.8
65 Years and Older	55	15.4	2.1	11.2	19.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	160	19.0	1.6	15.9	22.1
<b>Race</b>					
White	154	18.9	1.6	15.8	22.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	64	18.1	2.4	13.4	22.9
Some College or College Graduate	97	19.5	2.0	15.5	23.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	76	25.5	3.0	19.7	31.3
\$35,000 or Higher per Year	58	15.0	2.1	10.9	19.1
<b>Disability Status</b>					
Living with a Disability	83	36.4	3.7	29.1	43.7
Living without a Disability	77	13.0	1.6	9.9	16.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	40	18.3	3.7	12.3	24.4
Overweight (25 ≤ BMI <30)	42	14.0	2.4	9.4	18.6
Obese (BMI ≥ 30)	64	23.9	3.0	18.0	29.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	101	19.7	2.0	15.7	23.7
Does not participate in leisure time physical activity	53	20.2	2.9	14.6	25.8
<b>Smoking Status</b>					
Current smoker	39	31.1	4.8	21.7	40.5
Non-smoker	120	17.0	1.7	13.8	20.3
<b>Health Insurance Status</b>					
Insured	140	18.4	1.6	15.2	21.5
Uninsured	19	21.9	5.2	11.7	32.0

**Numerator:** Respondents who reported they had ever 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,878	9.7	0.2	9.3	10.1
North Central Kansas Public Health Initiative	102	8.3	0.9	6.6	10.1
<b>Gender</b>					
Men	47	8.7	1.4	6.0	11.3
Women	55	7.9	1.2	5.6	10.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	41	9.8	1.6	6.7	13.0
65 Years and Older	55	14.9	2.1	10.7	19.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	101	8.3	0.9	6.5	10.0
<b>Race</b>					
White	99	8.4	0.9	6.6	10.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	6.8	1.3	4.3	9.3
Some College or College Graduate	67	9.1	1.2	6.8	11.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	52	12.3	1.9	8.7	16.0
\$35,000 or Higher per Year	44	7.4	1.2	5.0	9.7
<b>Disability Status</b>					
Living with a Disability	50	15.6	2.3	11.0	20.2
Living without a Disability	47	5.2	0.8	3.6	6.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	33	8.4	1.5	5.4	11.4
Obese (BMI ≥ 30)	46	11.6	1.9	7.9	15.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	55	7.0	1.0	5.0	8.9
Does not participate in leisure time physical activity	41	11.9	2.0	8.0	15.8
<b>Smoking Status</b>					
Current smoker	16	9.8	2.6	4.8	14.9
Non-smoker	81	7.6	0.9	5.8	9.4
<b>Health Insurance Status</b>					
Insured	93	8.7	1.0	6.8	10.6
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,248	20.0	0.3	19.3	20.6
North Central Kansas Public Health Initiative	227	25.3	1.7	22.0	28.7
<b>Gender</b>					
Men	96	23.4	2.4	18.7	28.2
Women	131	27.2	2.4	22.5	32.0
<b>Age Group</b>					
18 to 44 Years	33	17.2	3.0	11.4	23.1
45 to 64 Years	75	25.7	2.8	20.1	31.2
65 Years and Older	118	35.7	3.0	29.7	41.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	227	25.6	1.7	22.2	29.0
<b>Race</b>					
White	218	25.3	1.7	21.8	28.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	98	26.4	2.7	21.2	31.7
Some College or College Graduate	129	24.6	2.2	20.2	29.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	99	32.9	3.2	26.7	39.2
\$35,000 or Higher per Year	84	20.0	2.3	15.5	24.5
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	56	23.8	3.2	17.5	30.1
Overweight (25 ≤ BMI < 30)	74	23.9	2.9	18.2	29.5
Obese (BMI ≥ 30)	84	28.9	3.2	22.8	35.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	120	22.1	2.1	18.0	26.3
Does not participate in leisure time physical activity	101	37.6	3.5	30.8	44.4
<b>Smoking Status</b>					
Current smoker	44	32.9	4.8	23.5	42.2
Non-smoker	181	23.9	1.8	20.3	27.5
<b>Health Insurance Status</b>					
Insured	212	26.4	1.8	22.8	30.0
Uninsured	14	20.4	5.5	9.6	31.1

**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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,842	21.9	0.3	21.2	22.5
North Central Kansas Public Health Initiative	245	27.5	1.8	24.0	31.0
<b>Gender</b>					
Men	105	25.0	2.5	20.1	29.8
Women	140	30.0	2.6	25.0	35.0
<b>Age Group</b>					
18 to 44 Years	35	18.1	3.0	12.1	24.0
45 to 64 Years	78	26.3	2.9	20.7	31.9
65 Years and Older	131	41.5	3.3	35.1	47.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	245	27.8	1.8	24.3	31.4
<b>Race</b>					
White	234	27.3	1.8	23.7	30.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	109	30.4	2.9	24.6	36.2
Some College or College Graduate	136	25.5	2.3	21.1	29.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	111	37.8	3.4	31.2	44.4
\$35,000 or Higher per Year	89	20.8	2.3	16.3	25.4
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	61	27.4	3.7	20.2	34.6
Overweight (25 ≤ BMI <30)	78	24.8	2.9	19.1	30.5
Obese (BMI ≥ 30)	91	30.7	3.2	24.4	37.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	130	24.1	2.3	19.7	28.6
Does not participate in leisure time physical activity	109	40.5	3.5	33.6	47.4
<b>Smoking Status</b>					
Current smoker	48	38.6	5.2	28.3	48.9
Non-smoker	195	25.3	1.9	21.6	29.0
<b>Health Insurance Status</b>					
Insured	228	28.6	1.9	24.9	32.4
Uninsured	16	22.2	5.6	11.2	33.2

Numerator: Respondents who reported they were limited in any activities because of physical, mental or emotional problems or who reported having a health problem that requires them to use special equipment such as a cane, a wheelchair, a special bed or a special telephone.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient sample 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 the Recommended Level of Physical Activity (Aerobic and/or Strengthening), 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	16,199	80.7	0.4	80.0	81.4
North Central Kansas Public Health Initiative	643	83.7	1.6	80.6	86.8
<b>Gender</b>					
Men	273	80.7	2.5	75.7	85.6
Women	370	86.8	1.8	83.2	90.4
<b>Age Group</b>					
18 to 44 Years	131	78.0	3.4	71.3	84.6
45 to 64 Years	247	83.7	2.4	78.9	88.4
65 Years and Older	261	90.9	1.6	87.7	94.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	638	83.8	1.6	80.8	86.9
<b>Race</b>					
White	628	84.3	1.6	81.3	87.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	263	89.2	2.1	85.0	93.3
Some College or College Graduate	379	79.9	2.2	75.6	84.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	241	90.5	2.0	86.6	94.4
\$35,000 or Higher per Year	296	77.9	2.6	73.0	82.9
<b>Disability Status</b>					
Living with a Disability	210	89.6	2.5	84.7	94.5
Living without a Disability	430	81.4	2.0	77.6	85.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	151	79.4	3.3	72.9	85.9
Overweight (25 ≤ BMI < 30)	232	82.4	2.8	77.0	87.8
Obese (BMI ≥ 30)	210	87.5	2.5	82.6	92.4
<b>Smoking Status</b>					
Current smoker	98	84.3	3.9	76.6	91.9
Non-smoker	541	83.5	1.7	80.1	86.9
<b>Health Insurance Status</b>					
Insured	584	84.4	1.6	81.2	87.6
Uninsured	54	82.0	5.3	71.6	92.5

**Numerator:** Respondents not participating in the recommended level of physical activity or participating in insufficient recommended level of physical activity for either aerobic or muscle strengthening guidelines.

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

Not participating in the recommended level of physical activity referred to not participating in aerobic and strengthening exercises according to guidelines.

Participating in insufficient level of recommended physical activity referred to participating only in aerobic or only in strengthening exercises according to 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.

\* 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 the Recommended Level of Physical Activity (Aerobic and Strengthening), 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,120	40.3	0.4	39.4	41.2
North Central Kansas Public Health Initiative	339	42.3	2.1	38.2	46.5
<b>Gender</b>					
Men	153	43.4	3.1	37.3	49.5
Women	186	41.2	2.8	35.7	46.8
<b>Age Group</b>					
18 to 44 Years	69	40.0	4.1	31.9	48.0
45 to 64 Years	136	43.3	3.2	37.0	49.7
65 Years and Older	131	43.4	3.5	36.6	50.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	337	42.5	2.1	38.3	46.6
<b>Race</b>					
White	331	42.7	2.1	38.5	46.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	147	46.9	3.4	40.1	53.6
Some College or College Graduate	192	39.3	2.6	34.1	44.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	131	45.3	3.6	38.2	52.4
\$35,000 or Higher per Year	144	37.9	2.9	32.2	43.7
<b>Disability Status</b>					
Living with a Disability	137	55.2	4.0	47.4	63.0
Living without a Disability	201	37.2	2.5	32.4	42.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	75	38.8	4.3	30.4	47.2
Overweight (25 ≤ BMI <30)	118	40.5	3.4	33.7	47.2
Obese (BMI ≥ 30)	116	46.0	3.7	38.6	53.3
<b>Smoking Status</b>					
Current smoker	63	50.9	5.5	40.1	61.7
Non-smoker	273	40.3	2.3	35.8	44.7
<b>Health Insurance Status</b>					
Insured	305	42.6	2.2	38.3	47.0
Uninsured	31	42.1	6.9	28.5	55.6

**Numerator:** Respondents who did not participate in the recommended level of aerobic and strengthening exercises during the past month.

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

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.

\* Insufficient sample and/or statistically unreliable estimate

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**Percentage of Adults Not Participating in Any Physical Activity Other Than Their Regular Job in the Past 30 Days (Leisure Time Physical Activity), 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,698	26.5	0.4	25.8	27.3
North Central Kansas Public Health Initiative	253	29.5	1.8	25.8	33.1
<b>Gender</b>					
Men	115	30.3	2.8	24.9	35.8
Women	138	28.6	2.4	23.8	33.4
<b>Age Group</b>					
18 to 44 Years	45	25.4	3.6	18.4	32.4
45 to 64 Years	102	31.5	2.9	25.8	37.3
65 Years and Older	102	31.0	3.0	25.2	36.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	250	29.2	1.8	25.6	32.8
<b>Race</b>					
White	248	29.8	1.9	26.1	33.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	110	31.8	3.0	25.9	37.7
Some College or College Graduate	142	27.7	2.3	23.1	32.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	100	32.0	3.2	25.8	38.2
\$35,000 or Higher per Year	105	26.2	2.6	21.1	31.3
<b>Disability Status</b>					
Living with a Disability	109	41.3	3.7	34.0	48.6
Living without a Disability	143	24.7	2.1	20.6	28.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	51	22.3	3.3	15.9	28.7
Overweight (25 ≤ BMI <30)	89	27.8	3.0	21.9	33.6
Obese (BMI ≥ 30)	89	36.4	3.6	29.4	43.4
<b>Smoking Status</b>					
Current smoker	51	39.4	5.2	29.3	49.6
Non-smoker	199	27.0	1.9	23.2	30.8
<b>Health Insurance Status</b>					
Insured	227	29.4	1.9	25.6	33.3
Uninsured	24	31.6	6.2	19.4	43.7

**Numerator:** Respondents who reported 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,  
2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,386	43.7	0.4	42.9	44.6
North Central Kansas Public Health Initiative	319	45.3	2.1	41.1	49.4
<b>Gender</b>					
Men	156	51.8	3.2	45.6	58.0
Women	163	39.1	2.8	33.6	44.6
<b>Age Group</b>					
18 to 44 Years	86	51.3	4.1	43.2	59.4
45 to 64 Years	137	47.5	3.2	41.1	53.8
65 Years and Older	95	34.6	3.4	27.8	41.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	316	45.3	2.1	41.2	49.5
<b>Race</b>					
White	310	45.6	2.2	41.4	49.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	119	44.3	3.4	37.6	51.0
Some College or College Graduate	200	46.1	2.7	40.8	51.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	121	48.4	3.6	41.3	55.5
\$35,000 or Higher per Year	156	44.3	3.0	38.5	50.2
<b>Disability Status</b>					
Living with a Disability	96	48.3	4.1	40.3	56.3
Living without a Disability	222	44.2	2.5	39.4	49.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	78	43.8	4.3	35.5	52.2
Overweight (25 ≤ BMI < 30)	113	43.8	3.5	36.9	50.6
Obese (BMI ≥ 30)	106	49.8	3.8	42.3	57.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	199	42.7	2.6	37.6	47.8
Does not participate in leisure time physical activity	117	53.0	3.8	45.6	60.5
<b>Smoking Status</b>					
Current smoker	76	65.6	5.0	55.9	75.4
Non-smoker	242	40.9	2.3	36.5	45.4
<b>Health Insurance Status</b>					
Insured	288	44.7	2.2	40.3	49.1
Uninsured	29	51.3	7.1	37.4	65.2

**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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,217	22.3	0.4	21.6	23.1
North Central Kansas Public Health Initiative	165	23.9	1.9	20.3	27.6
<b>Gender</b>					
Men	83	26.5	2.8	21.0	32.0
Women	82	21.4	2.4	16.6	26.2
<b>Age Group</b>					
18 to 44 Years	45	27.6	3.8	20.2	34.9
45 to 64 Years	56	20.6	2.7	15.3	26.0
65 Years and Older	62	23.1	2.9	17.4	28.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	163	23.8	1.9	20.1	27.4
<b>Race</b>					
White	158	23.3	1.9	19.6	26.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	75	28.9	3.2	22.6	35.2
Some College or College Graduate	90	20.7	2.2	16.3	25.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	66	24.5	3.1	18.4	30.7
\$35,000 or Higher per Year	69	21.3	2.6	16.2	26.3
<b>Disability Status</b>					
Living with a Disability	58	27.3	3.5	20.4	34.2
Living without a Disability	106	22.6	2.2	18.3	26.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	36	21.0	3.6	14.0	28.0
Overweight (25 ≤ BMI < 30)	67	28.2	3.3	21.7	34.7
Obese (BMI ≥ 30)	51	22.4	3.1	16.2	28.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	90	18.6	2.0	14.6	22.6
Does not participate in leisure time physical activity	73	36.4	3.8	28.9	43.8
<b>Smoking Status</b>					
Current smoker	40	36.2	5.2	25.9	46.4
Non-smoker	125	21.4	1.9	17.6	25.2
<b>Health Insurance Status</b>					
Insured	145	23.1	1.9	19.2	26.9
Uninsured	19	30.3	6.3	17.9	42.7

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

## Percentage of Adults Who Lack Health Care Coverage, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,027	12.8	0.3	12.2	13.4
North Central Kansas Public Health Initiative	76	12.1	1.5	9.3	15.0
<b>Gender</b>					
Men	42	14.7	2.3	10.2	19.3
Women	34	9.6	1.8	6.1	13.1
<b>Age Group</b>					
18 to 44 Years	33	20.2	3.3	13.7	26.7
45 to 64 Years	39	12.8	2.1	8.6	17.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	73	11.6	1.4	8.8	14.4
<b>Race</b>					
White	72	11.7	1.5	8.8	14.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	12.8	2.3	8.3	17.3
Some College or College Graduate	42	11.8	1.9	8.0	15.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	18.8	2.9	13.2	24.5
\$35,000 or Higher per Year	20	6.5	1.6	3.3	9.7
<b>Disability Status</b>					
Living with a Disability	16	9.5	2.6	4.5	14.5
Living without a Disability	56	12.9	1.8	9.4	16.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	18	12.1	3.0	6.1	18.0
Overweight (25 ≤ BMI <30)	23	9.5	2.1	5.4	13.6
Obese (BMI ≥ 30)	26	13.7	2.7	8.4	19.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	44	11.6	1.8	8.0	15.2
Does not participate in leisure time physical activity	24	12.6	2.7	7.4	17.9
<b>Smoking Status</b>					
Current smoker	24	20.7	4.2	12.5	28.9
Non-smoker	47	10.0	1.6	6.9	13.0

**Numerator:** Respondents who reported 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,  
2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,921	15.7	0.4	15.0	16.5
North Central Kansas Public Health Initiative	72	16.4	2.0	12.5	20.2
<b>Gender</b>					
Men	40	18.5	2.9	12.9	24.2
Women	32	13.8	2.6	8.7	18.9
<b>Age Group</b>					
18 to 44 Years	33	20.2	3.3	13.7	26.7
45 to 64 Years	39	12.8	2.1	8.6	17.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	69	15.7	1.9	11.9	19.5
<b>Race</b>					
White	68	15.8	2.0	11.9	19.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	32	19.6	3.5	12.9	26.4
Some College or College Graduate	40	14.5	2.4	9.9	19.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	39	27.4	4.1	19.3	35.5
\$35,000 or Higher per Year	19	7.9	2.0	4.0	11.7
<b>Disability Status</b>					
Living with a Disability	13	14.5	4.1	6.4	22.5
Living without a Disability	55	16.6	2.3	12.1	21.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	18	17.2	4.2	9.0	25.3
Overweight (25 ≤ BMI <30)	22	13.6	3.0	7.8	19.5
Obese (BMI ≥ 30)	25	17.5	3.4	10.7	24.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	43	15.9	2.5	11.1	20.8
Does not participate in leisure time physical activity	21	16.7	3.7	9.5	23.8
<b>Smoking Status</b>					
Current smoker	23	23.8	4.8	14.5	33.2
Non-smoker	44	13.9	2.2	9.7	18.2

**Numerator:** Respondents ages 18-64 years old who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,278	20.1	0.4	19.4	20.8
North Central Kansas Public Health Initiative	102	16.3	1.6	13.1	19.5
<b>Gender</b>					
Men	67	24.6	2.8	19.1	30.1
Women	35	8.1	1.5	5.2	11.0
<b>Age Group</b>					
18 to 44 Years	49	28.3	3.6	21.2	35.4
45 to 64 Years	35	13.2	2.3	8.8	17.7
65 Years and Older	17	4.6	1.3	2.1	7.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	98	15.7	1.6	12.5	18.9
<b>Race</b>					
White	94	15.5	1.6	12.3	18.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	41	16.4	2.6	11.3	21.5
Some College or College Graduate	60	16.0	2.1	11.8	20.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	16.7	2.7	11.4	22.0
\$35,000 or Higher per Year	42	15.5	2.4	10.8	20.3
<b>Disability Status</b>					
Living with a Disability	17	9.8	2.6	4.7	14.8
Living without a Disability	82	18.6	2.1	14.6	22.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	29	18.3	3.4	11.7	24.9
Overweight (25 ≤ BMI < 30)	40	16.5	2.7	11.2	21.7
Obese (BMI ≥ 30)	26	15.5	3.1	9.4	21.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	58	15.3	2.1	11.3	19.3
Does not participate in leisure time physical activity	33	17.8	3.2	11.6	24.1
<b>Smoking Status</b>					
Current smoker	28	28.8	5.0	19.0	38.5
Non-smoker	70	13.5	1.7	10.2	16.9
<b>Health Insurance Status</b>					
Insured	71	12.3	1.5	9.2	15.3
Uninsured	30	46.6	6.6	33.8	59.5

**Numerator:** Respondents who reported 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 a Doctor Because of Cost In the Past 12 Months, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,120	11.0	0.3	10.5	11.6
North Central Kansas Public Health Initiative	61	7.4	1.0	5.3	9.4
<b>Gender</b>					
Men	22	6.8	1.5	3.8	9.8
Women	39	7.9	1.4	5.2	10.6
<b>Age Group</b>					
18 to 44 Years	19	8.5	2.0	4.5	12.4
45 to 64 Years	34	9.9	1.8	6.3	13.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	61	7.5	1.0	5.4	9.5
<b>Race</b>					
White	60	7.5	1.1	5.4	9.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	26	7.5	1.6	4.4	10.7
Some College or College Graduate	35	7.3	1.4	4.6	9.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	35	12.2	2.2	7.9	16.5
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	27	11.4	2.3	6.9	15.9
Living without a Disability	32	6.0	1.2	3.7	8.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	18	9.1	2.3	4.6	13.6
Overweight (25 ≤ BMI < 30)	15	5.0	1.5	2.1	7.9
Obese (BMI ≥ 30)	21	8.8	2.0	4.9	12.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	35	6.9	1.3	4.4	9.4
Does not participate in leisure time physical activity	22	9.1	2.1	5.0	13.1
<b>Smoking Status</b>					
Current smoker	22	17.5	3.8	10.1	24.8
Non-smoker	37	5.5	1.0	3.5	7.5
<b>Health Insurance Status</b>					
Insured	40	5.4	0.9	3.6	7.2
Uninsured	21	22.5	5.1	12.5	32.5

**Numerator:** Respondents who reported 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,945	15.7	0.3	15.1	16.2
North Central Kansas Public Health Initiative	185	20.8	1.6	17.7	24.0
<b>Gender</b>					
Men	81	19.7	2.3	15.3	24.1
Women	104	21.9	2.3	17.5	26.4
<b>Age Group</b>					
18 to 44 Years	26	12.3	2.4	7.6	17.1
45 to 64 Years	63	20.7	2.6	15.7	25.7
65 Years and Older	95	32.2	3.3	25.8	38.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	182	20.6	1.6	17.4	23.7
<b>Race</b>					
White	177	20.6	1.6	17.4	23.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	98	28.2	2.9	22.6	33.9
Some College or College Graduate	86	15.4	1.8	12.0	18.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	97	29.3	3.7	23.2	35.4
\$35,000 or Higher per Year	53	12.8	1.9	9.1	16.5
<b>Disability Status</b>					
Living with a Disability	125	52.9	3.8	45.3	60.4
Living without a Disability	51	8.3	1.3	5.8	10.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	42	19.2	3.3	12.7	25.7
Overweight (25 ≤ BMI < 30)	56	17.8	2.6	12.7	22.9
Obese (BMI ≥ 30)	70	25.4	3.0	19.6	31.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	82	16.2	2.0	12.4	20.1
Does not participate in leisure time physical activity	87	32.9	3.3	26.3	39.4
<b>Smoking Status</b>					
Current smoker	45	37.1	5.2	26.9	47.3
Non-smoker	131	17.2	1.6	14.0	20.3
<b>Health Insurance Status</b>					
Insured	166	21.2	1.7	17.8	24.6
Uninsured	18	20.1	4.9	10.6	29.7

**Numerator:** Respondents who reported 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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,560	10.0	0.2	9.5	10.4
North Central Kansas Public Health Initiative	103	11.1	1.2	8.8	13.4
<b>Gender</b>					
Men	48	10.9	1.7	7.6	14.2
Women	55	11.3	1.7	8.0	14.5
<b>Age Group</b>					
18 to 44 Years	16	7.2	1.9	3.6	10.8
45 to 64 Years	40	12.6	2.1	8.6	16.7
65 Years and Older	47	14.5	2.3	10.1	19.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	102	11.1	1.2	8.8	13.5
<b>Race</b>					
White	102	11.5	1.2	9.1	13.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	47	13.6	2.1	9.5	17.7
Some College or College Graduate	56	9.4	1.4	6.7	12.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	17.9	2.5	12.9	22.8
\$35,000 or Higher per Year	27	5.8	1.3	3.3	8.2
<b>Disability Status</b>					
Living with a Disability	77	32.2	3.6	25.2	39.1
Living without a Disability	22	3.4	0.8	1.8	5.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	23	9.7	2.2	5.4	14.0
Overweight (25 ≤ BMI < 30)	35	10.8	2.1	6.7	14.9
Obese (BMI ≥ 30)	33	12.3	2.2	8.0	16.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	50	9.4	1.5	6.5	12.3
Does not participate in leisure time physical activity	47	17.5	2.6	12.4	22.7
<b>Smoking Status</b>					
Current smoker	27	19.9	4.0	12.1	27.7
Non-smoker	71	9.3	1.2	7.0	11.7
<b>Health Insurance Status</b>					
Insured	95	11.6	1.3	9.1	14.2
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 14 or more days when their physical health was not good 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 Their Mental Health Was Not Good on 14  
or More Days in the Past 30 Days, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,978	9.7	0.3	9.2	10.2
North Central Kansas Public Health Initiative	69	8.9	1.2	6.6	11.2
<b>Gender</b>					
Men	25	7.6	1.6	4.4	10.8
Women	44	10.3	1.7	7.0	13.5
<b>Age Group</b>					
18 to 44 Years	24	12.4	2.5	7.5	17.4
45 to 64 Years	31	9.5	1.8	6.0	13.0
65 Years and Older	13	3.2	0.9	1.3	5.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	69	9.1	1.2	6.8	11.4
<b>Race</b>					
White	66	8.9	1.2	6.5	11.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	6.4	1.5	3.5	9.2
Some College or College Graduate	45	10.8	1.7	7.5	14.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	11.0	2.1	6.9	15.0
\$35,000 or Higher per Year	24	7.8	1.7	4.5	11.1
<b>Disability Status</b>					
Living with a Disability	38	17.5	3.0	11.7	23.3
Living without a Disability	30	6.0	1.2	3.7	8.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	21	9.3	2.3	4.9	13.8
Overweight (25 ≤ BMI < 30)	16	6.9	1.8	3.3	10.4
Obese (BMI ≥ 30)	25	10.8	2.3	6.3	15.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	42	8.3	1.4	5.5	11.0
Does not participate in leisure time physical activity	22	11.3	2.6	6.3	16.4
<b>Smoking Status</b>					
Current smoker	21	16.6	3.8	9.1	24.1
Non-smoker	47	7.7	1.2	5.3	10.1
<b>Health Insurance Status</b>					
Insured	59	8.9	1.2	6.4	11.3
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 14 or more days when their mental health was not good 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 Their Poor Physical or Mental Health Kept Them From Doing Their Usual Activities, such as Self-care, Work or Recreation in the Past 30 Days, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,379	38.7	0.6	37.6	39.9
North Central Kansas Public Health Initiative	131	34.1	2.8	28.6	39.6
<b>Gender</b>					
Men	43	30.7	4.4	22.1	39.4
Women	88	36.4	3.6	29.3	43.5
<b>Age Group</b>					
18 to 44 Years	36	36.6	5.3	26.2	47.0
45 to 64 Years	52	35.0	4.5	26.2	43.7
65 Years and Older	42	29.2	4.5	20.4	38.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	130	34.2	2.8	28.7	39.7
<b>Race</b>					
White	126	34.4	2.9	28.7	40.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	52	36.3	4.7	27.1	45.5
Some College or College Graduate	78	32.4	3.5	25.6	39.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	70	45.5	4.8	36.1	54.8
\$35,000 or Higher per Year	40	23.6	3.8	16.2	31.1
<b>Disability Status</b>					
Living with a Disability	84	52.3	4.7	43.2	61.5
Living without a Disability	46	21.8	3.3	15.3	28.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	32	30.5	5.3	20.2	40.8
Overweight (25 ≤ BMI < 30)	42	30.5	4.7	21.3	39.6
Obese (BMI ≥ 30)	48	43.7	5.3	33.3	54.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	79	36.3	3.8	28.8	43.8
Does not participate in leisure time physical activity	48	35.0	4.7	25.7	44.2
<b>Smoking Status</b>					
Current smoker	36	49.5	7.2	35.5	63.6
Non-smoker	92	30.6	3.1	24.6	36.7
<b>Health Insurance Status</b>					
Insured	119	33.4	2.9	27.7	39.1
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported 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:** 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 Ages 18 Years and Older Who Did Not Get Immunized  
Against Influenza During the Past 12 Months, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	10,526	57.4	0.4	56.6	58.3
North Central Kansas Public Health Initiative	416	56.3	2.1	52.2	60.3
<b>Gender</b>					
Men	195	60.6	3.0	54.7	66.6
Women	221	52.0	2.8	46.5	57.5
<b>Age Group</b>					
18 to 44 Years	113	63.3	4.0	55.4	71.1
45 to 64 Years	163	58.4	3.2	52.1	64.7
65 Years and Older	136	44.4	3.3	37.9	50.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	413	56.5	2.1	52.4	60.5
<b>Race</b>					
White	404	56.2	2.1	52.1	60.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	160	56.5	3.4	49.9	63.1
Some College or College Graduate	255	56.0	2.6	50.8	61.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	155	59.0	3.5	52.1	65.9
\$35,000 or Higher per Year	190	53.6	3.0	47.8	59.5
<b>Disability Status</b>					
Living with a Disability	109	49.1	3.9	41.4	56.7
Living without a Disability	306	59.4	2.4	54.7	64.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	99	53.7	4.3	45.4	62.1
Overweight (25 ≤ BMI <30)	166	59.2	3.4	52.5	65.9
Obese (BMI ≥ 30)	124	56.6	3.6	49.5	63.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	268	53.1	2.5	48.1	58.1
Does not participate in leisure time physical activity	147	63.6	3.4	56.9	70.3
<b>Smoking Status</b>					
Current smoker	73	61.0	5.5	50.3	71.7
Non-smoker	342	55.5	2.2	51.1	59.9
<b>Health Insurance Status</b>					
Insured	355	52.8	2.2	48.5	57.1
Uninsured	57	81.7	5.7	70.5	92.8

**Numerator:** Respondents who reported they did not get a flu shot or flu vaccine sprayed in their 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 65 Years Old and Older Who Did Not Get Immunized  
Against Influenza During the Past 12 Months, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,557	38.3	0.7	36.9	39.6
North Central Kansas Public Health Initiative	136	44.4	3.3	37.9	50.9
<b>Gender</b>					
Men	51	45.3	5.2	35.1	55.5
Women	85	43.8	4.3	35.4	52.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	136	44.4	3.3	37.9	50.9
<b>Race</b>					
White	132	43.8	3.3	37.3	50.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	59	39.9	4.7	30.6	49.2
Some College or College Graduate	76	49.4	4.3	40.9	57.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	57	44.5	5.3	34.1	55.0
\$35,000 or Higher per Year	44	41.0	5.2	30.7	51.3
<b>Disability Status</b>					
Living with a Disability	52	41.3	5.2	31.1	51.5
Living without a Disability	83	46.8	4.3	38.5	55.2
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	34	41.3	6.9	27.7	54.9
Overweight (25 ≤ BMI < 30)	66	52.4	5.2	42.2	62.7
Obese (BMI ≥ 30)	28	37.4	5.8	26.0	48.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	<i>84</i>	<i>40.3</i>	<i>4.0</i>	<i>32.4</i>	<i>48.2</i>
Does not participate in leisure time physical activity	<i>52</i>	<i>53.9</i>	<i>5.5</i>	<i>43.1</i>	<i>64.7</i>
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>126</i>	<i>45.7</i>	<i>3.4</i>	<i>39.1</i>	<i>52.3</i>
<b>Health Insurance Status</b>					
Insured	<i>131</i>	<i>43.4</i>	<i>3.3</i>	<i>36.9</i>	<i>49.9</i>
Uninsured	*	*	*	*	*

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

**Denominator:** All respondents 65 years old 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 65 Years Old and Older Who Never Had Pneumonia  
Vaccination, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,711	26.2	0.6	25.0	27.4
North Central Kansas Public Health Initiative	99	31.3	3.0	25.4	37.2
<b>Gender</b>					
Men	38	33.7	5.0	23.9	43.5
Women	61	29.7	3.8	22.4	37.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	99	31.3	3.0	25.4	37.2
<b>Race</b>					
White	97	31.5	3.1	25.5	37.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	43	29.3	4.3	20.8	37.8
Some College or College Graduate	56	34.1	4.1	26.1	42.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	32.0	4.9	22.4	41.7
\$35,000 or Higher per Year	34	30.4	4.8	20.9	39.9
<b>Disability Status</b>					
Living with a Disability	32	27.1	4.7	18.0	36.2
Living without a Disability	66	34.3	4.0	26.5	42.1
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	25	27.6	5.9	16.1	39.1
Overweight (25 ≤ BMI < 30)	43	33.9	4.9	24.4	43.4
Obese (BMI ≥ 30)	25	32.3	5.6	21.2	43.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	73	33.2	3.8	25.8	40.6
Does not participate in leisure time physical activity	26	27.1	5.0	17.3	36.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	89	30.7	3.1	24.7	36.8
<b>Health Insurance Status</b>					
Insured	96	31.1	3.0	25.1	37.0
Uninsured	*	*	*	*	*

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

Denominator: All respondents 65 years old 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 Reported That They Do Not Always Wear a Seatbelt  
When They Drive or Ride in a Car, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,288	17.0	0.3	16.3	17.6
North Central Kansas Public Health Initiative	240	32.9	2.0	29.0	36.9
<b>Gender</b>					
Men	150	46.9	3.7	40.7	53.0
Women	90	19.3	2.1	15.1	23.4
<b>Age Group</b>					
18 to 44 Years	66	41.6	4.7	33.6	49.7
45 to 64 Years	89	31.0	3.0	25.0	37.0
65 Years and Older	84	24.7	2.7	19.5	30.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	238	32.9	2.0	29.0	36.9
<b>Race</b>					
White	235	33.3	2.1	29.2	37.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	105	37.1	3.3	30.6	43.5
Some College or College Graduate	135	30.1	2.5	25.1	35.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	91	35.0	3.4	28.3	41.8
\$35,000 or Higher per Year	115	33.3	2.9	27.6	39.1
<b>Disability Status</b>					
Living with a Disability	68	26.5	3.3	19.9	33.0
Living without a Disability	171	35.7	2.5	30.9	40.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	42	24.6	3.7	17.2	31.9
Overweight (25 ≤ BMI < 30)	97	36.0	3.3	29.5	42.5
Obese (BMI ≥ 30)	93	40.4	3.7	33.1	47.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	153	31.3	2.4	26.5	36.0
Does not participate in leisure time physical activity	86	36.9	3.6	29.8	44.0
<b>Smoking Status</b>					
Current smoker	33	28.1	4.9	18.5	37.7
Non-smoker	204	33.6	2.2	29.3	37.9
<b>Health Insurance Status</b>					
Insured	215	32.4	2.1	28.2	36.5
Uninsured	22	35.8	6.7	22.6	49.0

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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,343	17.7	0.3	17.0	18.4
North Central Kansas Public Health Initiative	125	16.6	1.6	13.5	19.7
<b>Gender</b>					
Men	58	16.9	2.3	12.5	21.3
Women	67	16.3	2.2	12.0	20.6
<b>Age Group</b>					
18 to 44 Years	37	18.8	3.0	12.9	24.7
45 to 64 Years	62	20.1	2.5	15.1	25.1
65 Years and Older	25	9.1	2.5	4.1	14.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	124	16.7	1.6	13.6	19.8
<b>Race</b>					
White	120	16.6	1.6	13.5	19.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	59	21.3	2.9	15.7	27.0
Some College or College Graduate	66	13.3	1.7	10.0	16.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	70	26.8	3.2	20.5	33.2
\$35,000 or Higher per Year	39	10.9	1.8	7.3	14.5
<b>Disability Status</b>					
Living with a Disability	48	23.4	3.5	16.4	30.3
Living without a Disability	77	14.1	1.7	10.8	17.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	45	22.2	3.6	15.1	29.2
Overweight (25 ≤ BMI < 30)	39	15.1	2.5	10.1	20.1
Obese (BMI ≥ 30)	35	14.8	2.6	9.8	19.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	68	14.7	1.9	10.9	18.4
Does not participate in leisure time physical activity	51	23.2	3.2	16.9	29.5
<b>Health Insurance Status</b>					
Insured	101	15.2	1.6	12.0	18.4
Uninsured	24	29.7	5.9	18.2	41.2

**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, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,790	55.1	1.1	53.0	57.2
North Central Kansas Public Health Initiative	66	56.8	5.1	46.7	66.8
<b>Gender</b>					
Men	31	60.4	6.9	46.9	74.0
Women	35	52.9	7.5	38.2	67.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	26	39.0	6.8	25.6	52.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	65	56.4	5.1	46.3	66.5
<b>Race</b>					
White	63	56.1	5.2	45.8	66.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	33	61.8	7.3	47.6	76.0
Some College or College Graduate	33	51.1	6.9	37.6	64.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	71.1	5.7	60.0	82.2
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability	*	*	*	*	*
Living without a Disability	39	54.3	6.4	41.9	66.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	40	63.0	6.7	49.8	76.1
Does not participate in leisure time physical activity	26	53.5	8.0	37.8	69.1
<b>Health Insurance Status</b>					
Insured	53	56.2	5.8	44.9	67.6
Uninsured	*	*	*	*	*

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

**Denominator:** 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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	982	5.6	0.2	5.2	6.0
North Central Kansas Public Health Initiative	54	9.2	1.3	6.7	11.8
<b>Gender</b>					
Men	49	16.7	2.4	12.1	21.4
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	25	14.2	2.8	8.8	19.7
45 to 64 Years	22	9.3	2.1	5.2	13.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	53	9.0	1.3	6.5	11.6
<b>Race</b>					
White	50	8.7	1.3	6.2	11.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	25	11.1	2.3	6.6	15.5
Some College or College Graduate	29	7.9	1.5	4.9	10.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	19	9.5	2.2	5.2	13.8
\$35,000 or Higher per Year	30	10.9	2.0	6.9	14.9
<b>Disability Status</b>					
Living with a Disability	17	9.4	2.4	4.7	14.2
Living without a Disability	37	9.2	1.5	6.2	12.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	15	6.8	1.9	3.1	10.6
Obese (BMI ≥ 30)	26	<i>13.8</i>	2.7	8.6	19.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	35	10.5	1.8	7.0	14.0
Does not participate in leisure time physical activity	14	6.3	1.8	2.8	9.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	42	9.0	1.4	6.2	11.9
<b>Health Insurance Status</b>					
Insured	43	8.0	1.3	5.5	10.5
Uninsured	11	<i>19.5</i>	5.6	8.4	30.5

**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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	893	10.5	0.4	9.8	11.3
North Central Kansas Public Health Initiative	49	16.7	2.4	12.1	21.4
<b>Age Group</b>					
18 to 44 Years	21	23.5	4.8	14.1	32.9
45 to 64 Years	21	15.8	3.5	9.0	22.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	48	16.4	2.4	11.8	21.1
<b>Race</b>					
White	45	15.8	2.4	11.1	20.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	24	20.2	4.0	12.4	28.0
Some College or College Graduate	25	14.0	2.8	8.4	19.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	16	17.6	4.3	9.3	25.9
\$35,000 or Higher per Year	28	17.8	3.3	11.3	24.3
<b>Disability Status</b>					
Living with a Disability	15	18.4	4.8	9.1	27.7
Living without a Disability	34	16.2	2.7	10.8	21.5
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	11	20.7	5.9	9.1	32.2
Overweight (25 ≤ BMI < 30)	15	11.9	3.3	5.5	18.4
Obese (BMI ≥ 30)	21	19.3	4.1	11.3	27.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	32	19.6	3.3	13.2	26.0
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	38	16.4	2.6	11.2	21.5
<b>Health Insurance Status</b>					
Insured	38	14.5	2.4	9.8	19.1
Uninsured	*	*	*	*	*

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

Denominator: All male respondents, excluding unknowns and refusals.

\* Insufficient sample and/or statistically unreliable estimate

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

**Percentage of Adults Who Ever Served on Active Duty in the United States  
Armed Forces, 2015**

**North Central Kansas Public Health Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,099	11.8	0.2	11.3	12.3
North Central Kansas Public Health Initiative	125	13.8	1.3	11.1	16.4
<b>Gender</b>					
Men	114	25.1	2.5	20.3	29.9
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	16	8.5	2.1	4.3	12.7
45 to 64 Years	36	12.4	2.2	8.1	16.8
65 Years and Older	73	23.1	2.7	17.8	28.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	125	14.0	1.4	11.3	16.7
<b>Race</b>					
White	121	13.8	1.4	11.1	16.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	53	15.8	2.3	11.2	20.3
Some College or College Graduate	72	12.4	1.6	9.2	15.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	40	13.0	2.1	8.8	17.2
\$35,000 or Higher per Year	70	16.4	2.1	12.2	20.6
<b>Disability Status</b>					
Living with a Disability	51	19.6	2.8	14.1	25.2
Living without a Disability	72	12.0	1.6	8.9	15.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	28	12.3	2.5	7.5	17.2
Overweight (25 ≤ BMI < 30)	55	16.3	2.5	11.5	21.2
Obese (BMI ≥ 30)	38	14.0	2.5	9.1	18.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	72	13.8	1.8	10.3	17.3
Does not participate in leisure time physical activity	45	15.5	2.4	10.8	20.2
<b>Smoking Status</b>					
Current smoker	<i>18</i>	<i>14.7</i>	<i>3.6</i>	<i>7.6</i>	<i>21.8</i>
Non-smoker	104	14.0	1.5	11.0	16.9
<b>Health Insurance Status</b>					
Insured	120	15.1	1.5	12.2	18.0
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 Are Obese, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,154	34.2	0.4	33.4	35.0
North Central Kansas Public Health Initiative	264	34.8	2.0	30.9	38.7
<b>Gender</b>					
Men	132	38.7	3.0	32.9	44.5
Women	132	30.5	2.5	25.5	35.5
<b>Age Group</b>					
18 to 44 Years	62	34.1	3.8	26.6	41.6
45 to 64 Years	114	40.1	3.2	33.8	46.4
65 Years and Older	87	28.8	2.9	23.1	34.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	263	35.1	2.0	31.2	39.0
<b>Race</b>					
White	257	35.3	2.0	31.3	39.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	103	33.8	3.1	27.6	39.9
Some College or College Graduate	161	35.6	2.6	30.5	40.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	97	36.0	3.3	29.4	42.5
\$35,000 or Higher per Year	133	35.5	2.9	29.8	41.1
<b>Disability Status</b>					
Living with a Disability	91	38.8	3.8	31.4	46.3
Living without a Disability	172	33.4	2.4	28.8	38.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	159	31.3	2.4	26.6	36.1
Does not participate in leisure time physical activity	89	43.4	3.9	35.8	50.9
<b>Smoking Status</b>					
Current smoker	35	30.6	4.9	21.7	40.1
Non-smoker	227	35.9	2.2	31.6	40.3
<b>Health Insurance Status</b>					
Insured	237	34.2	2.1	30.1	38.3
Uninsured	26	41.1	6.8	27.7	54.4

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, 2015

### North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	14,432	68.0	0.4	67.2	68.8
North Central Kansas Public Health Initiative	573	71.7	1.9	68.0	75.4
<b>Gender</b>					
Men	294	79.2	2.4	74.4	84.0
Women	279	63.6	2.8	58.0	69.1
<b>Age Group</b>					
18 to 44 Years	122	67.1	3.7	59.8	74.4
45 to 64 Years	227	77.1	2.7	71.8	82.5
65 Years and Older	222	71.0	3.2	64.6	77.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	568	71.7	1.9	67.9	75.4
<b>Race</b>					
White	555	71.8	1.9	68.0	75.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	212	67.7	3.2	61.4	74.0
Some College or College Graduate	359	74.5	2.3	70.0	79.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	202	69.5	3.4	62.8	76.3
\$35,000 or Higher per Year	292	75.9	2.5	71.1	80.7
<b>Disability Status</b>					
Living with a Disability	169	72.2	3.6	65.0	79.4
Living without a Disability	402	72.0	2.2	67.6	76.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	359	69.3	2.5	64.5	74.2
Does not participate in leisure time physical activity	178	78.7	3.1	72.7	84.8
<b>Smoking Status</b>					
Current smoker	74	63.6	5.3	53.1	74.0
Non-smoker	493	73.8	2.0	69.9	77.8
<b>Health Insurance Status</b>					
Insured	521	72.2	2.0	68.3	76.1
Uninsured	49	71.2	6.5	58.5	83.9

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.

## Technical Notes

The 2015 BRFSS data for your county/region on 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 less precise. 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 between the two prevalence estimates while overlapping confidence intervals indicate that two estimates are not statistically 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, the BRFSS estimates for 2011 and subsequent years cannot be compared to estimates from the years prior to 2011.

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>