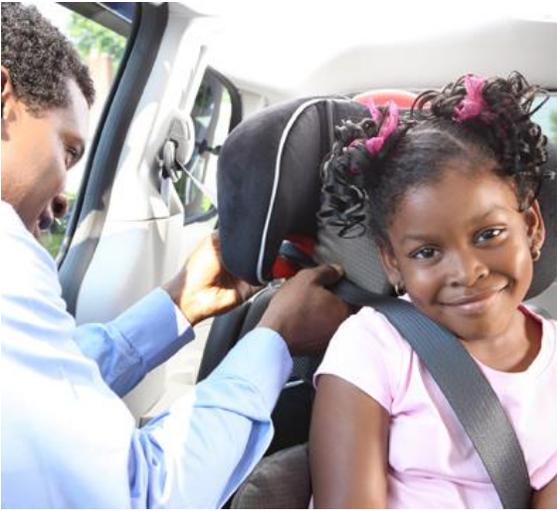


# 2017 Kansas Behavioral Risk Factor Surveillance System Local Data

## Southwest Surveillance Region



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# **2017 Kansas Behavioral Risk Factor Surveillance System Local Data**

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**Kansas Department of Health and Environment  
Bureau of Health Promotion  
February 2019**

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

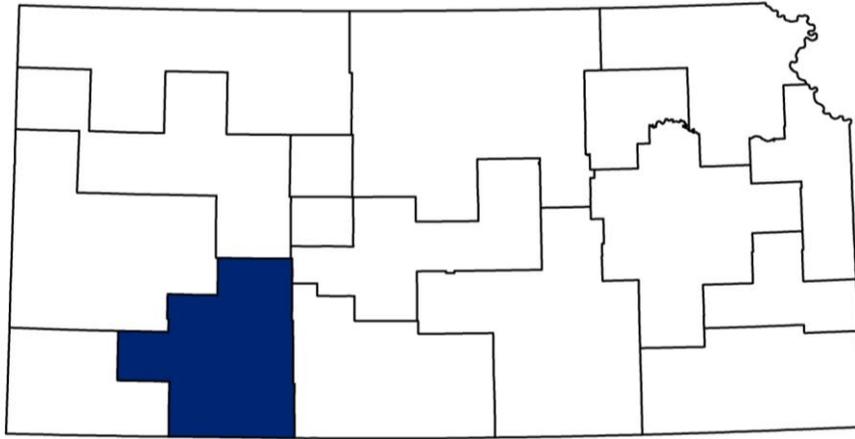
## **Mission**

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

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2017 can also be accessed at <http://www.kdheks.gov/brfss/>

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**Unpublished Tables** - The following data tables are not published due to insufficient sample and/or statistically unreliable estimates for Southwest Surveillance Region:  
Stroke

# Percentage of Adults Who Are Binge Drinkers, 2017

## Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,785	17.2	0.4	16.5	17.9
Southwest Surveillance Region	56	16.7	2.5	11.8	21.6
<b>Gender</b>					
Men	40	22.4	3.8	14.9	30.0
Women	16	11.1	3.3	4.7	17.6
<b>Age Group</b>					
18 to 44 Years	29	19.2	3.9	11.6	26.8
45 to 64 Years	18	19.1	4.9	9.5	28.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	11	21.9	6.2	9.7	34.0
Non-Hispanic	45	14.7	2.4	10.0	19.4
<b>Race</b>					
White	52	16.2	2.6	11.1	21.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	19	15.1	3.7	7.8	22.3
Some College or College Graduate	36	17.8	3.4	11.1	24.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	15	14.9	4.2	6.6	23.2
\$35,000 or Higher per Year	34	18.6	3.7	11.4	25.8
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	47	18.8	3.0	12.9	24.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	15	20.0	5.2	9.8	30.3
Overweight (25 ≤ BMI < 30)	23	19.3	4.5	10.5	28.2
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	35	18.1	3.4	11.5	24.8
Does not participate in leisure time physical activity	20	15.1	3.7	7.8	22.4
<b>Smoking Status</b>					
Current smoker	12	30.4	8.0	14.7	46.0
Non-smoker	44	14.4	2.6	9.3	19.4
<b>Health Insurance Status</b>					
Insured	42	13.9	2.6	8.8	18.9
Uninsured	*	*	*	*	*

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,067	6.0	0.2	5.6	6.4
Southwest Surveillance Region	21	4.9	1.2	2.5	7.3
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	18	5.2	1.4	2.4	8.0
<b>Race</b>					
White	18	4.0	1.1	1.8	6.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	17	4.3	1.2	1.9	6.7
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,634	24.1	0.3	23.5	24.8
Southwest Surveillance Region	110	17.2	2.1	13.1	21.2
<b>Gender</b>					
Men	43	15.3	3.1	9.2	21.3
Women	67	19.1	2.8	13.7	24.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	28	19.3	3.9	11.6	27.0
65 Years and Older	68	42.7	5.2	32.5	52.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	102	20.4	2.3	15.9	24.9
<b>Race</b>					
White	104	17.3	2.1	13.2	21.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	37	16.1	3.3	9.7	22.6
Some College or College Graduate	73	18.4	2.5	13.5	23.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	36	24.1	4.8	14.6	33.5
\$35,000 or Higher per Year	51	13.6	2.3	9.2	18.1
<b>Disability Status</b>					
Living with a Disability†	51	40.9	6.3	28.5	53.3
Living without a Disability	54	11.5	1.9	7.8	15.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	19	9.3	2.4	4.5	14.1
Overweight (25 ≤ BMI < 30)	38	16.5	3.1	10.3	22.6
Obese (BMI ≥ 30)	39	23.0	4.5	14.1	31.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	58	17.4	2.8	11.9	22.9
Does not participate in leisure time physical activity	43	17.7	3.2	11.5	23.9
<b>Smoking Status</b>					
Current smoker	18	23.4	5.9	11.8	35.0
Non-smoker	87	16.2	2.2	11.9	20.5
<b>Health Insurance Status</b>					
Insured	101	17.1	2.0	13.2	21.0
Uninsured	*	*	*	*	*

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

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

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,148	49.7	0.8	48.2	51.2
Southwest Surveillance Region	48	50.9	6.5	38.2	63.7
<b>Gender</b>					
Men	*	*	*	*	*
Women	29	40.8	7.4	26.3	55.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	26	41.6	6.9	28.2	55.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	44	45.7	6.0	33.9	57.5
<b>Race</b>					
White	46	48.2	6.5	35.5	60.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	28	42.4	7.2	28.3	56.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	33	69.8	8.0	54.1	85.5
Living without a Disability	12	28.5	7.8	13.2	43.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	21	38.9	8.8	21.7	56.2
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	37	46.3	7.4	31.7	60.8
<b>Health Insurance Status</b>					
Insured	44	47.7	6.0	35.9	59.5
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

## Percentage of Adults with Current Asthma, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,901	9.1	0.3	8.6	9.6
Southwest Surveillance Region	31	7.0	1.6	3.8	10.1
<b>Gender</b>					
Men	*	*	*	*	*
Women	18	7.6	2.2	3.4	11.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	24	7.3	1.8	3.7	11.0
<b>Race</b>					
White	25	6.3	1.5	3.4	9.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	19	6.4	1.8	2.9	10.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	17	5.9	1.7	2.4	9.3
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	18	6.5	1.8	3.1	10.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	16	7.2	2.1	3.1	11.2
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	22	5.9	1.6	2.8	9.0
<b>Health Insurance Status</b>					
Insured	25	5.9	1.4	3.0	8.7
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

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**Please refer to Technical Notes for more information.**

**Percentage of Adults Who Have Been Diagnosed With Cancer (Excluding Skin Cancer), 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,030	7.1	0.2	6.7	7.4
Southwest Surveillance Region	33	4.4	1.0	2.5	6.4
<b>Gender</b>					
Men	*	*	*	*	*
Women	23	5.1	1.2	2.8	7.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	21	14.6	3.4	7.9	21.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	31	5.5	1.1	3.4	7.7
<b>Race</b>					
White	31	4.7	1.1	2.6	6.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	22	4.7	1.1	2.6	6.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	20	3.6	0.9	1.8	5.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	22	4.9	1.2	2.6	7.2
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	29	4.4	0.9	2.6	6.2
<b>Health Insurance Status</b>					
Insured	33	5.6	1.3	3.2	8.1
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,960	6.3	0.2	5.9	6.6
Southwest Surveillance Region	40	5.1	0.9	3.3	6.9
<b>Gender</b>					
Men	18	5.1	1.4	2.4	7.8
Women	22	5.1	1.2	2.8	7.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	30	20.4	3.9	12.7	28.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	40	7.8	1.4	5.1	10.4
<b>Race</b>					
White	39	5.6	1.0	3.6	7.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	29	6.1	1.2	3.7	8.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	22	5.5	1.3	3.0	8.1
<b>Disability Status</b>					
Living with a Disability†	20	12.5	3.2	6.2	18.7
Living without a Disability	19	3.7	0.9	1.8	5.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	16	6.7	1.9	2.9	10.5
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	27	5.3	1.2	3.0	7.6
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	34	5.2	1.0	3.2	7.2
<b>Health Insurance Status</b>					
Insured	38	6.0	1.1	3.8	8.1
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution.

Please refer to Technical Notes for more information.

## Percentage of Adults Who had a Heart Attack, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,202	4.2	0.1	3.9	4.4
Southwest Surveillance Region	33	4.5	0.9	2.7	6.3
<b>Gender</b>					
Men	19	5.2	1.4	2.4	8.0
Women	14	3.8	1.1	1.6	6.0
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	25	17.2	3.7	10.0	24.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	30	5.7	1.2	3.4	8.0
<b>Race</b>					
White	29	4.2	0.9	2.4	6.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	22	5.5	1.3	3.0	8.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	17	4.9	1.4	2.2	7.6
<b>Disability Status</b>					
Living with a Disability†	21	14.5	3.6	7.4	21.5
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	16	7.1	2.0	3.2	11.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	27	4.7	1.1	2.6	6.8
<b>Health Insurance Status</b>					
Insured	32	5.5	1.1	3.3	7.8
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.

† **Living with a Disability:** Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* **Insufficient sample and/or statistically unreliable estimate**

**Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution.**

**Please refer to Technical Notes for more information.**

## Percentage of Adults Who had Angina or Coronary Heart Disease, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,154	4.0	0.1	3.7	4.3
Southwest Surveillance Region	33	4.8	1.1	2.6	7.0
<b>Gender</b>					
Men	*	*	*	*	*
Women	17	4.6	1.2	2.3	6.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	22	14.9	3.3	8.4	21.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	30	5.5	1.1	3.4	7.6
<b>Race</b>					
White	29	4.0	0.8	2.5	5.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	24	6.0	1.3	3.4	8.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	17	3.9	1.0	1.9	5.8
<b>Disability Status</b>					
Living with a Disability†	21	12.1	2.9	6.3	17.8
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	17	3.5	0.9	1.7	5.3
Does not participate in leisure time physical activity	14	5.8	1.7	2.5	9.1
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	24	3.8	0.8	2.1	5.4
<b>Health Insurance Status</b>					
Insured	31	4.8	0.9	3.0	6.6
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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 Hypertension, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,757	32.8	0.4	32.0	33.5
Southwest Surveillance Region	165	29.8	2.7	24.6	35.1
<b>Gender</b>					
Men	75	32.2	4.1	24.2	40.3
Women	90	27.4	3.4	20.8	34.0
<b>Age Group</b>					
18 to 44 Years	21	13.3	3.4	6.6	20.0
45 to 64 Years	56	41.3	5.3	30.8	51.7
65 Years and Older	84	54.0	5.5	43.2	64.9
<b>Ethnicity</b>					
Hispanic	14	21.5	5.6	10.6	32.4
Non-Hispanic	148	34.1	2.9	28.3	39.8
<b>Race</b>					
White	156	31.1	2.8	25.6	36.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	59	27.9	4.1	19.9	35.9
Some College or College Graduate	105	31.6	3.4	24.9	38.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	35.1	5.3	24.6	45.6
\$35,000 or Higher per Year	85	30.3	3.7	23.1	37.6
<b>Disability Status</b>					
Living with a Disability†	60	48.2	6.5	35.5	60.9
Living without a Disability	97	25.4	3.0	19.6	31.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	23	14.2	3.4	7.6	20.8
Overweight (25 ≤ BMI < 30)	57	25.8	4.0	18.0	33.6
Obese (BMI ≥ 30)	70	50.0	5.7	38.8	61.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	96	32.3	3.7	25.1	39.5
Does not participate in leisure time physical activity	57	27.5	4.1	19.4	35.6
<b>Smoking Status</b>					
Current smoker	24	36.0	7.6	21.1	50.8
Non-smoker	136	29.8	2.9	24.0	35.5
<b>Health Insurance Status</b>					
Insured	151	30.6	2.8	25.1	36.1
Uninsured	12	26.7	7.3	12.3	41.0

**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.

† **Living with a Disability:** Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* **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, 2017 ‡**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,246	15.2	0.4	14.5	15.9
Southwest Surveillance Region	63	19.2	2.6	14.0	24.3
<b>Gender</b>					
Men	34	21.4	4.0	13.5	29.3
Women	29	16.8	3.3	10.4	23.1
<b>Age Group</b>					
18 to 44 Years	37	28.1	4.6	19.0	37.2
45 to 64 Years	21	16.5	4.2	8.3	24.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	13	21.0	5.7	9.8	32.3
Non-Hispanic	50	18.6	2.7	13.2	23.9
<b>Race</b>					
White	55	16.3	2.4	11.6	20.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	33	23.5	4.4	15.0	32.1
Some College or College Graduate	30	15.0	2.9	9.3	20.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	15	17.8	4.9	8.2	27.4
\$35,000 or Higher per Year	33	16.4	3.1	10.4	22.4
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	46	17.1	2.7	11.8	22.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	15	16.5	4.7	7.3	25.8
Overweight (25 ≤ BMI < 30)	25	20.5	4.4	12.0	29.0
Obese (BMI ≥ 30)	15	14.7	4.0	6.9	22.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	30	15.3	3.0	9.4	21.2
Does not participate in leisure time physical activity	25	22.7	4.7	13.6	31.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	48	17.7	2.7	12.4	23.0
<b>Health Insurance Status</b>					
Insured	46	17.2	2.8	11.7	22.6
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported they had not checked their blood cholesterol in the past five years or never had their blood cholesterol checked.

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

‡ In 2017, the cholesterol questions have been modified for all states.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017 ‡**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,314	34.1	0.4	33.2	34.9
Southwest Surveillance Region	126	33.9	3.3	27.5	40.4
<b>Gender</b>					
Men	56	35.1	5.1	25.1	45.1
Women	70	32.7	4.1	24.6	40.8
<b>Age Group</b>					
18 to 44 Years	18	26.8	6.1	14.9	38.7
45 to 64 Years	52	39.2	5.4	28.6	49.7
65 Years and Older	55	39.1	5.2	28.8	49.3
<b>Ethnicity</b>					
Hispanic	12	30.1	7.5	15.5	44.7
Non-Hispanic	113	36.4	3.4	29.7	43.0
<b>Race</b>					
White	120	34.6	3.4	27.9	41.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	45	34.1	5.5	23.4	44.8
Some College or College Graduate	81	34.0	4.0	26.3	41.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	33.8	6.3	21.4	46.2
\$35,000 or Higher per Year	72	36.0	4.5	27.2	44.8
<b>Disability Status</b>					
Living with a Disability†	37	45.4	7.3	31.1	59.7
Living without a Disability	85	31.6	3.8	24.3	39.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	26	27.2	5.7	16.1	38.4
Overweight (25 ≤ BMI < 30)	36	26.2	5.1	16.2	36.1
Obese (BMI ≥ 30)	56	47.8	6.3	35.5	60.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	72	34.3	4.4	25.8	42.9
Does not participate in leisure time physical activity	47	36.4	5.6	25.4	47.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	107	35.2	3.7	28.0	42.4
<b>Health Insurance Status</b>					
Insured	116	34.9	3.5	28.0	41.8
Uninsured	*	*	*	*	*

**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.

‡ In 2017, the cholesterol questions have been modified for all states.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,644	6.4	0.2	6.0	6.8
Southwest Surveillance Region	28	3.5	0.8	2.0	5.1
<b>Gender</b>					
Men	*	*	*	*	*
Women	17	4.1	1.2	1.8	6.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	18	10.9	2.9	5.3	16.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	27	5.1	1.2	2.9	7.4
<b>Race</b>					
White	23	3.1	0.7	1.7	4.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	18	4.2	1.2	1.9	6.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	16	11.7	3.5	4.9	18.5
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	15	3.2	0.9	1.4	5.0
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	20	2.9	0.7	1.5	4.4
<b>Health Insurance Status</b>					
Insured	27	4.3	1.0	2.4	6.2
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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,  
2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,374	20.9	0.4	20.2	21.6
Southwest Surveillance Region	76	16.4	2.2	12.1	20.7
<b>Gender</b>					
Men	22	9.5	2.7	4.2	14.8
Women	54	23.5	3.4	16.9	30.1
<b>Age Group</b>					
18 to 44 Years	25	16.1	3.5	9.2	23.0
45 to 64 Years	28	18.5	3.7	11.2	25.8
65 Years and Older	22	13.8	3.4	7.1	20.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	65	17.7	2.4	13.1	22.4
<b>Race</b>					
White	68	15.3	2.2	11.1	19.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	29	16.5	3.5	9.7	23.3
Some College or College Graduate	47	16.5	2.7	11.2	21.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	28	20.7	4.5	11.8	29.6
\$35,000 or Higher per Year	35	12.6	2.5	7.6	17.6
<b>Disability Status</b>					
Living with a Disability†	31	29.4	5.9	17.8	40.9
Living without a Disability	41	12.6	2.2	8.2	16.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	22	20.6	4.5	11.7	29.5
Overweight (25 ≤ BMI < 30)	21	11.5	2.8	6.0	17.0
Obese (BMI ≥ 30)	24	18.5	4.5	9.7	27.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	51	19.6	3.1	13.6	25.7
Does not participate in leisure time physical activity	20	11.2	2.8	5.6	16.7
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	63	17.1	2.5	12.3	22.0
<b>Health Insurance Status</b>					
Insured	65	15.6	2.2	11.3	19.9
Uninsured	*	*	*	*	*

**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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,844	10.5	0.2	10.0	11.0
Southwest Surveillance Region	53	11.5	2.1	7.5	15.6
<b>Gender</b>					
Men	28	15.3	3.5	8.3	22.2
Women	25	7.7	2.0	3.9	11.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	16	14.4	4.2	6.3	22.6
65 Years and Older	27	17.3	3.6	10.2	24.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	43	10.4	2.0	6.5	14.3
<b>Race</b>					
White	48	10.9	2.0	6.9	14.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	22	11.6	3.1	5.5	17.7
Some College or College Graduate	31	11.6	2.7	6.2	16.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	26	11.5	2.8	6.0	16.9
<b>Disability Status</b>					
Living with a Disability†	28	28.5	6.3	16.2	40.8
Living without a Disability	23	6.6	1.8	3.2	10.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	27	20.7	4.9	11.2	30.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	28	10.4	2.5	5.5	15.2
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	46	11.1	2.1	6.9	15.2
<b>Health Insurance Status</b>					
Insured	47	10.8	2.0	6.8	14.8
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.

† **Living with a Disability:** Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017†

Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,832	25.9	0.4	25.2	26.7
Southwest Surveillance Region	100	21.1	2.5	16.3	25.9
<b>Gender</b>					
Men	43	20.9	3.8	13.5	28.3
Women	57	21.3	3.2	15.1	27.5
<b>Age Group</b>					
18 to 44 Years	17	13.3	3.5	6.4	20.2
45 to 64 Years	30	23.7	4.6	14.7	32.8
65 Years and Older	50	35.5	5.0	25.7	45.4
<b>Ethnicity</b>					
Hispanic	13	24.3	6.2	12.2	36.5
Non-Hispanic	85	19.6	2.3	15.1	24.2
<b>Race</b>					
White	89	19.3	2.4	14.6	24.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	41	21.8	3.9	14.2	29.4
Some College or College Graduate	57	19.6	3.0	13.7	25.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	39	31.4	5.5	20.6	42.3
\$35,000 or Higher per Year	36	11.6	2.5	6.8	16.4
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	16	11.6	3.2	5.3	17.8
Overweight (25 ≤ BMI < 30)	40	23.2	4.3	14.8	31.6
Obese (BMI ≥ 30)	32	23.6	4.9	14.0	33.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	49	17.5	3.0	11.7	23.4
Does not participate in leisure time physical activity	45	27.4	4.5	18.5	36.2
<b>Smoking Status</b>					
Current smoker	19	33.1	7.8	17.8	48.4
Non-smoker	81	19.2	2.5	14.3	24.2
<b>Health Insurance Status</b>					
Insured	89	20.4	2.5	15.5	25.3
Uninsured	*	*	*	*	*

Numerator: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living)

Denominator: All respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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), 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	15,354	81.0	0.4	80.3	81.7
Southwest Surveillance Region	322	85.9	2.2	81.6	90.1
<b>Gender</b>					
Men	146	87.0	2.7	81.7	92.3
Women	176	84.8	3.3	78.2	91.3
<b>Age Group</b>					
18 to 44 Years	117	84.4	3.4	77.7	91.0
45 to 64 Years	98	86.0	3.8	78.7	93.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	44	82.7	5.2	72.6	92.8
Non-Hispanic	276	87.0	2.2	82.7	91.4
<b>Race</b>					
White	299	85.9	2.2	81.5	90.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	127	91.5	2.5	86.6	96.3
Some College or College Graduate	194	80.8	3.3	74.3	87.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	94	84.0	4.4	75.4	92.7
\$35,000 or Higher per Year	189	87.1	2.6	81.9	92.3
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	236	84.9	2.5	80.1	89.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	76	79.8	5.3	69.4	90.3
Overweight (25 ≤ BMI < 30)	119	86.3	3.5	79.5	93.1
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	274	84.5	2.5	79.6	89.4
<b>Health Insurance Status</b>					
Insured	280	86.3	2.3	81.7	90.9
Uninsured	*	*	*	*	*

**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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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), 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,754	41.2	0.5	40.3	42.1
Southwest Surveillance Region	185	46.8	3.2	40.5	53.2
<b>Gender</b>					
Men	87	50.4	4.8	41.0	59.8
Women	98	43.4	4.3	34.9	51.8
<b>Age Group</b>					
18 to 44 Years	62	43.4	4.9	33.8	53.0
45 to 64 Years	58	50.1	5.7	39.0	61.2
65 Years and Older	65	50.2	5.8	38.8	61.6
<b>Ethnicity</b>					
Hispanic	22	39.2	7.2	25.1	53.3
Non-Hispanic	163	50.6	3.4	43.9	57.3
<b>Race</b>					
White	173	46.6	3.4	40.0	53.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	79	50.8	5.1	40.7	60.9
Some College or College Graduate	106	43.5	4.1	35.5	51.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	53	42.8	5.8	31.4	54.2
\$35,000 or Higher per Year	105	47.4	4.3	39.0	55.8
<b>Disability Status</b>					
Living with a Disability†	52	57.9	7.1	44.0	71.8
Living without a Disability	128	43.0	3.7	35.8	50.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	37	34.5	5.7	23.2	45.7
Overweight (25 ≤ BMI < 30)	64	45.2	5.3	34.7	55.6
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	150	43.4	3.5	36.6	50.2
<b>Health Insurance Status</b>					
Insured	158	45.3	3.5	38.5	52.2
Uninsured	*	*	*	*	*

**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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

Italicized prevalence estimates have a margin of error >5 and should be interpreted with caution.

Please refer to Technical Notes for more information.

**Percentage of Adults Not Participating in Any Physical Activity Other Than Their Regular Job in the Past 30 Days (Leisure Time Physical Activity), 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,721	27.9	0.4	27.1	28.7
Southwest Surveillance Region	150	34.6	2.9	28.9	40.3
<b>Gender</b>					
Men	73	39.2	4.5	30.4	47.9
Women	77	30.1	3.7	22.9	37.4
<b>Age Group</b>					
18 to 44 Years	58	36.9	4.6	28.0	45.9
45 to 64 Years	38	29.1	4.9	19.4	38.7
65 Years and Older	53	40.5	5.4	30.0	51.0
<b>Ethnicity</b>					
Hispanic	18	27.5	6.1	15.5	39.5
Non-Hispanic	131	37.2	3.2	31.0	43.4
<b>Race</b>					
White	138	33.4	3.0	27.6	39.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	66	37.8	4.6	28.7	46.9
Some College or College Graduate	84	32.1	3.6	24.9	39.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	45	32.9	5.2	22.8	43.1
\$35,000 or Higher per Year	79	34.5	4.0	26.7	42.2
<b>Disability Status</b>					
Living with a Disability†	45	44.9	6.6	31.9	57.9
Living without a Disability	102	31.5	3.2	25.2	37.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	35	29.4	5.1	19.4	39.4
Overweight (25 ≤ BMI < 30)	49	35.6	5.0	25.7	45.5
Obese (BMI ≥ 30)	53	38.4	5.5	27.7	49.1
<b>Smoking Status</b>					
Current smoker	26	44.9	8.0	29.2	60.6
Non-smoker	122	31.8	3.1	25.8	37.8
<b>Health Insurance Status</b>					
Insured	126	33.1	3.1	27.0	39.1
Uninsured	23	41.4	7.8	26.2	56.6

**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.

† **Living with a Disability:** Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* **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,  
2017‡**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,946	37.5	0.4	36.7	38.4
Southwest Surveillance Region	172	45.3	3.2	39.1	51.5
<b>Gender</b>					
Men	90	51.5	4.8	42.1	60.8
Women	82	39.6	4.2	31.3	47.9
<b>Age Group</b>					
18 to 44 Years	63	43.3	4.9	33.7	52.9
45 to 64 Years	57	50.4	5.6	39.4	61.3
65 Years and Older	50	40.7	5.8	29.2	52.1
<b>Ethnicity</b>					
Hispanic	28	49.4	7.2	35.2	63.6
Non-Hispanic	142	43.0	3.3	36.5	49.5
<b>Race</b>					
White	160	45.1	3.3	38.6	51.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	67	47.8	5.1	37.9	57.7
Some College or College Graduate	105	43.5	4.0	35.7	51.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	43	40.6	6.0	28.8	52.4
\$35,000 or Higher per Year	106	48.9	4.2	40.6	57.1
<b>Disability Status</b>					
Living with a Disability†	38	40.9	6.4	28.2	53.5
Living without a Disability	131	45.8	3.6	38.7	53.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	41	44.9	6.2	32.8	57.0
Overweight (25 ≤ BMI < 30)	65	49.7	5.3	39.3	60.0
Obese (BMI ≥ 30)	54	46.4	6.0	34.7	58.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	101	43.9	4.0	36.0	51.9
Does not participate in leisure time physical activity	68	48.7	5.3	38.4	59.0
<b>Smoking Status</b>					
Current smoker	35	71.7	7.0	57.9	85.4
Non-smoker	136	40.4	3.4	33.8	47.1
<b>Health Insurance Status</b>					
Insured	144	43.5	3.4	36.8	50.2
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

‡ In 2017, the fruit and vegetable questions have been modified for all states. Fruit consumption includes: fruits and 100% PURE fruit juices/blends.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017‡**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,049	17.3	0.4	16.6	18.0
Southwest Surveillance Region	76	23.9	3.0	18.0	29.7
<b>Gender</b>					
Men	42	31.3	4.9	21.7	40.9
Women	34	16.8	3.2	10.7	23.0
<b>Age Group</b>					
18 to 44 Years	28	23.7	4.6	14.6	32.7
45 to 64 Years	21	21.6	4.8	12.2	30.9
65 Years and Older	26	28.1	6.4	15.7	40.6
<b>Ethnicity</b>					
Hispanic	14	29.2	7.1	15.3	43.1
Non-Hispanic	60	20.6	2.9	14.9	26.4
<b>Race</b>					
White	72	24.3	3.1	18.1	30.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	35	31.2	5.2	20.9	41.4
Some College or College Graduate	41	17.8	3.0	11.9	23.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	28	28.9	6.0	17.2	40.6
\$35,000 or Higher per Year	38	21.0	3.7	13.7	28.3
<b>Disability Status</b>					
Living with a Disability†	20	21.1	5.9	9.4	32.7
Living without a Disability	53	24.0	3.4	17.2	30.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	18	19.7	4.9	10.1	29.4
Overweight (25 ≤ BMI < 30)	28	25.0	5.0	15.2	34.7
Obese (BMI ≥ 30)	24	26.6	5.9	15.0	38.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	46	24.3	3.8	16.8	31.8
Does not participate in leisure time physical activity	30	23.3	4.6	14.3	32.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	67	24.3	3.2	18.0	30.6
<b>Health Insurance Status</b>					
Insured	63	21.6	3.1	15.5	27.7
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

‡ In 2017, the fruit and vegetable questions have been modified for all states. Vegetable consumption includes: green leafy or lettuce salad, fried potatoes, any other kind of potatoes/sweet potatoes, or other vegetables.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

## Percentage of Adults Who Lack Health Care Coverage, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,969	12.5	0.3	11.8	13.1
Southwest Surveillance Region	57	20.5	2.7	15.2	25.7
<b>Gender</b>					
Men	36	26.2	4.3	17.9	34.6
Women	21	14.7	3.2	8.5	20.9
<b>Age Group</b>					
18 to 44 Years	40	30.6	4.5	21.8	39.3
45 to 64 Years	16	16.8	4.3	8.4	25.2
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	28	40.0	6.4	27.4	52.6
Non-Hispanic	27	9.8	2.0	5.8	13.8
<b>Race</b>					
White	49	19.2	2.7	13.8	24.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	32.2	4.5	23.3	41.1
Some College or College Graduate	17	8.7	2.3	4.2	13.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	30.7	5.7	19.6	41.9
\$35,000 or Higher per Year	17	8.9	2.4	4.1	13.7
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	40	17.6	2.8	12.1	23.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	16	18.8	4.7	9.6	27.9
Overweight (25 ≤ BMI < 30)	18	20.0	4.6	11.0	29.0
Obese (BMI ≥ 30)	17	20.5	4.9	10.9	30.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	28	17.5	3.3	11.1	24.0
Does not participate in leisure time physical activity	23	23.3	4.7	14.1	32.5
<b>Smoking Status</b>					
Current smoker	13	27.7	7.5	12.9	42.4
Non-smoker	38	16.8	2.7	11.4	22.1

Numerator: Respondents who reported they had no health care coverage.

Denominator: All respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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,  
2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,830	15.3	0.4	14.5	16.1
Southwest Surveillance Region	56	25.2	3.2	18.8	31.5
<b>Gender</b>					
Men	36	32.1	5.0	22.2	42.0
Women	20	18.1	3.9	10.4	25.7
<b>Age Group</b>					
18 to 44 Years	40	30.6	4.5	21.8	39.3
45 to 64 Years	16	16.8	4.3	8.4	25.2
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	27	40.7	6.6	27.8	53.6
Non-Hispanic	27	13.5	2.8	8.1	18.9
<b>Race</b>					
White	48	23.8	3.4	17.2	30.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	39.9	5.3	29.5	50.4
Some College or College Graduate	16	10.3	2.8	4.9	15.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	40.0	6.9	26.5	53.4
\$35,000 or Higher per Year	17	10.4	2.9	4.8	16.0
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	40	21.1	3.3	14.6	27.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	16	23.6	5.8	12.3	34.9
Overweight (25 ≤ BMI < 30)	18	25.9	5.7	14.7	37.0
Obese (BMI ≥ 30)	17	23.6	5.6	12.6	34.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	28	21.4	4.0	13.7	29.2
Does not participate in leisure time physical activity	22	28.9	5.8	17.6	40.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	37	20.6	3.3	14.0	27.1

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,646	22.4	0.4	21.7	23.2
Southwest Surveillance Region	110	27.5	2.7	22.3	32.8
<b>Gender</b>					
Men	73	38.8	4.3	30.3	47.2
Women	37	16.1	2.9	10.3	21.9
<b>Age Group</b>					
18 to 44 Years	65	36.0	4.3	27.6	44.3
45 to 64 Years	28	21.0	4.4	12.2	29.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	25	31.5	5.9	20.0	43.0
Non-Hispanic	83	24.5	2.8	19.1	30.0
<b>Race</b>					
White	98	26.2	2.8	20.8	31.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	55	34.6	4.4	25.9	43.3
Some College or College Graduate	54	20.0	2.8	14.4	25.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	31.0	5.3	20.5	41.5
\$35,000 or Higher per Year	49	18.9	2.9	13.2	24.7
<b>Disability Status</b>					
Living with a Disability†	22	20.2	4.8	10.8	29.6
Living without a Disability	79	27.7	3.1	21.6	33.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	30	30.3	5.3	19.9	40.7
Overweight (25 ≤ BMI < 30)	41	32.6	5.0	22.8	42.3
Obese (BMI ≥ 30)	23	16.3	3.7	9.1	23.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	51	21.4	3.2	15.0	27.7
Does not participate in leisure time physical activity	46	33.8	4.8	24.5	43.2
<b>Smoking Status</b>					
Current smoker	19	38.8	8.2	22.7	54.8
Non-smoker	82	23.4	2.7	18.1	28.6
<b>Health Insurance Status</b>					
Insured	82	23.3	2.8	17.9	28.7
Uninsured	27	44.6	7.5	29.8	59.3

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

Denominator: All respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,144	12.1	0.3	11.5	12.7
Southwest Surveillance Region	49	13.3	2.2	9.1	17.6
<b>Gender</b>					
Men	25	15.6	3.5	8.8	22.4
Women	24	11.0	2.6	6.0	16.1
<b>Age Group</b>					
18 to 44 Years	26	14.7	3.3	8.1	21.2
45 to 64 Years	17	16.3	4.2	8.0	24.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	14	20.6	5.4	10.0	31.1
Non-Hispanic	33	9.9	1.9	6.2	13.6
<b>Race</b>					
White	45	14.2	2.4	9.5	18.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	18.1	3.7	10.8	25.5
Some College or College Graduate	22	8.5	2.1	4.5	12.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	25	25.2	5.2	14.9	35.4
\$35,000 or Higher per Year	17	9.6	2.7	4.3	14.9
<b>Disability Status</b>					
Living with a Disability†	15	22.9	6.3	10.6	35.2
Living without a Disability	31	12.0	2.4	7.2	16.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	18	15.2	4.0	7.5	23.0
Obese (BMI ≥ 30)	17	18.3	4.8	8.8	27.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	30	16.3	3.2	9.9	22.7
Does not participate in leisure time physical activity	18	12.9	3.4	6.2	19.6
<b>Smoking Status</b>					
Current smoker	15	29.9	7.7	14.9	44.9
Non-smoker	33	11.8	2.4	7.1	16.4
<b>Health Insurance Status</b>					
Insured	28	7.6	1.7	4.2	11.0
Uninsured	21	36.6	7.4	22.1	51.1

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,766	16.7	0.3	16.0	17.3
Southwest Surveillance Region	64	11.5	1.8	8.0	15.0
<b>Gender</b>					
Men	25	10.9	2.8	5.4	16.5
Women	39	12.1	2.2	7.7	16.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	19	13.6	3.5	6.7	20.4
65 Years and Older	34	28.6	5.6	17.6	39.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	58	14.7	2.3	10.3	19.2
<b>Race</b>					
White	58	11.5	1.9	7.8	15.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	29	13.4	3.0	7.5	19.4
Some College or College Graduate	35	9.6	1.8	6.0	13.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	25	19.5	4.7	10.3	28.8
\$35,000 or Higher per Year	20	6.6	1.8	3.0	10.1
<b>Disability Status</b>					
Living with a Disability†	39	35.7	5.9	24.0	47.3
Living without a Disability	22	5.6	1.6	2.5	8.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	20	13.4	3.8	6.0	20.8
Obese (BMI ≥ 30)	21	10.5	2.6	5.3	15.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	26	8.0	2.1	4.0	12.0
Does not participate in leisure time physical activity	32	18.4	3.7	11.2	25.6
<b>Smoking Status</b>					
Current smoker	13	26.6	7.7	11.5	41.7
Non-smoker	48	9.0	1.5	6.1	11.9
<b>Health Insurance Status</b>					
Insured	59	12.9	2.1	8.8	17.0
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,574	11.3	0.3	10.8	11.8
Southwest Surveillance Region	35	6.9	1.4	4.2	9.7
<b>Gender</b>					
Men	*	*	*	*	*
Women	20	6.3	1.6	3.1	9.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	16	13.4	3.6	6.4	20.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	30	8.6	1.9	4.9	12.2
<b>Race</b>					
White	32	7.0	1.5	4.1	10.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	15	6.0	1.7	2.6	9.4
Some College or College Graduate	20	7.9	2.3	3.5	12.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	24	23.2	5.2	12.9	33.4
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	8.6	2.6	3.6	13.7
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	19	13.3	3.6	6.2	20.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	27	6.7	1.6	3.5	9.8
<b>Health Insurance Status</b>					
Insured	30	6.9	1.6	3.9	10.0
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,163	11.4	0.3	10.8	12.0
Southwest Surveillance Region	27	5.9	1.4	3.1	8.7
<b>Gender</b>					
Men	*	*	*	*	*
Women	22	8.3	2.0	4.3	12.2
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	22	5.6	1.4	3.0	8.3
<b>Race</b>					
White	23	5.8	1.5	2.9	8.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	19	7.1	1.9	3.5	10.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	17	20.5	5.8	9.2	31.9
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	22	4.7	1.2	2.4	7.0
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* Insufficient sample and/or statistically unreliable estimate

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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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,399	40.8	0.6	39.6	42.0
Southwest Surveillance Region	59	31.1	4.4	22.6	39.7
<b>Gender</b>					
Men	22	30.9	7.6	16.0	45.8
Women	37	31.3	5.2	21.1	41.5
<b>Age Group</b>					
18 to 44 Years	21	36.3	7.1	22.5	50.1
45 to 64 Years	17	22.6	5.8	11.2	33.9
65 Years and Older	20	30.6	6.5	17.9	43.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	47	27.7	4.2	19.5	35.9
<b>Race</b>					
White	52	28.8	4.4	20.1	37.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	18	33.2	7.9	17.8	48.7
Some College or College Graduate	40	29.0	4.9	19.3	38.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	21	33.0	8.1	17.1	48.8
\$35,000 or Higher per Year	28	30.6	6.1	18.6	42.5
<b>Disability Status</b>					
Living with a Disability†	28	38.8	7.6	23.9	53.7
Living without a Disability	30	28.1	5.4	17.5	38.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	16	33.1	8.1	17.2	49.0
Overweight (25 ≤ BMI < 30)	18	27.9	7.0	14.1	41.7
Obese (BMI ≥ 30)	21	32.9	7.8	17.6	48.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	33	32.9	5.8	21.4	44.3
Does not participate in leisure time physical activity	23	25.0	5.8	13.6	36.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	48	30.8	4.8	21.4	40.1
<b>Health Insurance Status</b>					
Insured	51	31.0	4.6	21.9	40.0
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	11,141	61.6	0.4	60.7	62.4
Southwest Surveillance Region	243	64.4	3.0	58.5	70.2
<b>Gender</b>					
Men	117	66.7	4.4	58.0	75.4
Women	126	62.1	4.0	54.2	70.0
<b>Age Group</b>					
18 to 44 Years	101	67.5	4.6	58.5	76.6
45 to 64 Years	80	70.2	5.0	60.4	80.0
65 Years and Older	58	43.7	5.4	33.1	54.4
<b>Ethnicity</b>					
Hispanic	45	80.2	5.8	68.8	91.6
Non-Hispanic	196	57.7	3.3	51.2	64.2
<b>Race</b>					
White	222	62.8	3.2	56.6	69.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	107	73.7	4.4	65.1	82.2
Some College or College Graduate	134	55.4	4.0	47.6	63.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	65	63.9	5.6	53.0	74.9
\$35,000 or Higher per Year	138	63.3	4.1	55.3	71.3
<b>Disability Status</b>					
Living with a Disability†	50	60.1	6.3	47.6	72.5
Living without a Disability	189	65.9	3.5	59.1	72.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	59	57.8	6.0	46.1	69.5
Overweight (25 ≤ BMI < 30)	90	66.8	4.9	57.1	76.4
Obese (BMI ≥ 30)	72	67.4	5.4	56.8	78.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	140	58.8	3.9	51.1	66.5
Does not participate in leisure time physical activity	103	74.7	4.1	66.5	82.8
<b>Smoking Status</b>					
Current smoker	34	63.3	8.1	47.4	79.1
Non-smoker	207	64.1	3.2	57.8	70.5
<b>Health Insurance Status</b>					
Insured	193	56.7	3.4	50.0	63.4
Uninsured	*	*	*	*	*

**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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,774	44.0	0.7	42.5	45.4
Southwest Surveillance Region	58	43.7	5.4	33.1	54.4
<b>Gender</b>					
Men	26	47.1	8.8	29.9	64.3
Women	32	40.4	6.6	27.5	53.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	57	43.7	5.5	32.9	54.6
<b>Race</b>					
White	54	42.6	5.6	31.7	53.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	34	42.0	6.0	30.2	53.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	29	44.9	7.2	30.8	58.9
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	36	45.1	7.2	31.1	59.2
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	24	41.1	8.8	23.9	58.2
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	29	35.7	6.9	22.2	49.1
Does not participate in leisure time physical activity	29	55.6	8.0	39.9	71.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	50	44.3	5.4	33.8	54.9
<b>Health Insurance Status</b>					
Insured	58	44.2	5.5	33.5	55.0
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,472	23.5	0.6	22.2	24.8
Southwest Surveillance Region	41	31.8	5.0	22.1	41.5
<b>Gender</b>					
Men	20	34.5	7.8	19.2	49.8
Women	21	29.1	6.3	16.8	41.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	39	30.5	4.9	20.9	40.2
<b>Race</b>					
White	38	31.8	5.2	21.7	41.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	27	33.1	5.6	22.0	44.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	20	29.5	6.3	17.2	41.9
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	29	34.1	6.4	21.5	46.7
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	16	29.3	7.7	14.2	44.4
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	21	26.6	6.3	14.3	39.0
Does not participate in leisure time physical activity	20	39.6	7.8	24.4	54.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	32	28.8	4.9	19.2	38.3
<b>Health Insurance Status</b>					
Insured	41	32.1	5.0	22.4	41.9
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,294	16.6	0.3	16.0	17.3
Southwest Surveillance Region	114	27.2	2.7	21.9	32.5
<b>Gender</b>					
Men	67	31.0	4.0	23.1	38.9
Women	47	23.6	3.6	16.5	30.7
<b>Age Group</b>					
18 to 44 Years	47	29.2	4.3	20.8	37.7
45 to 64 Years	36	27.1	4.7	18.0	36.3
65 Years and Older	31	24.3	4.4	15.6	32.9
<b>Ethnicity</b>					
Hispanic	13	21.0	5.6	9.9	32.0
Non-Hispanic	99	29.0	2.9	23.3	34.8
<b>Race</b>					
White	110	28.0	2.8	22.5	33.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	46	26.9	4.2	18.7	35.2
Some College or College Graduate	67	27.2	3.4	20.4	33.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	23.3	4.9	13.7	32.9
\$35,000 or Higher per Year	72	27.8	3.5	20.9	34.7
<b>Disability Status</b>					
Living with a Disability†	24	24.5	5.6	13.5	35.5
Living without a Disability	88	28.2	3.1	22.0	34.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	29	34.2	5.9	22.5	45.8
Overweight (25 ≤ BMI < 30)	48	34.0	4.9	24.3	43.7
Obese (BMI ≥ 30)	28	16.1	3.3	9.6	22.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	63	23.5	3.2	17.2	29.9
Does not participate in leisure time physical activity	51	34.1	4.7	24.9	43.3
<b>Smoking Status</b>					
Current smoker	13	25.8	7.4	11.2	40.3
Non-smoker	101	27.8	2.9	22.1	33.5
<b>Health Insurance Status</b>					
Insured	95	25.3	2.8	19.8	30.7
Uninsured	18	35.3	7.6	20.4	50.2

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

## Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,145	17.4	0.4	16.7	18.1
Southwest Surveillance Region	56	15.6	2.3	11.1	20.2
<b>Gender</b>					
Men	31	19.5	3.8	12.1	26.9
Women	25	11.8	2.6	6.7	17.0
<b>Age Group</b>					
18 to 44 Years	17	10.3	2.7	5.0	15.6
45 to 64 Years	22	22.1	4.7	12.8	31.4
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	13	21.1	5.6	10.2	32.1
Non-Hispanic	43	13.6	2.4	9.0	18.2
<b>Race</b>					
White	51	15.1	2.3	10.5	19.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	18.3	3.8	10.9	25.8
Some College or College Graduate	29	13.3	2.8	7.9	18.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	25.3	5.3	14.9	35.8
\$35,000 or Higher per Year	25	11.0	2.6	6.0	16.1
<b>Disability Status</b>					
Living with a Disability†	19	23.6	5.8	12.3	34.9
Living without a Disability	35	12.9	2.5	8.1	17.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	18.4	4.5	9.6	27.1
Overweight (25 ≤ BMI < 30)	21	18.7	4.5	9.9	27.4
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	30	13.6	2.8	8.0	19.2
Does not participate in leisure time physical activity	26	21.6	4.4	13.1	30.2
<b>Health Insurance Status</b>					
Insured	43	14.0	2.4	9.3	18.7
Uninsured	13	23.6	6.7	10.4	36.8

**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.

† **Living with a Disability:** Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* **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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,708	57.1	1.1	54.9	59.2
Southwest Surveillance Region	30	61.0	7.6	46.0	76.0
<b>Gender</b>					
Men	*	*	*	*	*
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	*	*	*	*	*
<b>Race</b>					
White	25	55.9	8.3	39.7	72.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Health Insurance Status</b>					
Insured	*	*	*	*	*
Uninsured	*	*	*	*	*

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

Denominator: Current smokers, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

## Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,011	5.5	0.2	5.1	5.9
Southwest Surveillance Region	24	5.9	1.3	3.3	8.5
<b>Gender</b>					
Men	23	11.5	2.6	6.4	16.6
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	20	5.8	1.4	3.2	8.5
<b>Race</b>					
White	24	6.5	1.5	3.6	9.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	16	8.0	2.2	3.7	12.3
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	19	6.6	1.7	3.4	9.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	21	6.0	1.5	3.1	8.8
<b>Health Insurance Status</b>					
Insured	21	6.0	1.4	3.3	8.8
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	919	10.1	0.4	9.4	10.9
Southwest Surveillance Region	23	11.5	2.6	6.4	16.6
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	19	12.1	2.8	6.5	17.7
<b>Race</b>					
White	23	12.7	2.9	7.1	18.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	16	15.0	4.0	7.2	22.8
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	18	12.7	3.2	6.4	19.0
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	<i>21</i>	<i>12.7</i>	<i>3.0</i>	<i>6.8</i>	<i>18.7</i>
<b>Health Insurance Status</b>					
Insured	<i>20</i>	<i>12.5</i>	<i>2.9</i>	<i>6.7</i>	<i>18.3</i>
Uninsured	*	*	*	*	*

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

Denominator: All male respondents, excluding unknowns and refusals.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017**

**Southwest Surveillance Region**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,748	10.9	0.2	10.4	11.4
Southwest Surveillance Region	38	7.4	1.5	4.3	10.4
<b>Gender</b>					
Men	38	14.6	3.0	8.8	20.4
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	26	20.2	4.1	12.1	28.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	35	8.6	1.8	5.1	12.1
<b>Race</b>					
White	35	7.1	1.5	4.2	9.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	23	7.6	2.1	3.5	11.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	27	9.4	2.3	5.0	13.8
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	24	6.7	1.7	3.4	10.0

	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	8.0	2.1	3.9	12.2
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	25	6.6	1.5	3.5	9.6
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	32	7.3	1.6	4.1	10.4
<b>Health Insurance Status</b>					
Insured	37	8.3	1.7	5.0	11.5
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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,551	32.3	0.4	31.5	33.2
Southwest Surveillance Region	126	35.6	3.1	29.4	41.7
<b>Gender</b>					
Men	67	36.0	4.5	27.3	44.8
Women	59	35.1	4.4	26.4	43.7
<b>Age Group</b>					
18 to 44 Years	38	28.3	4.6	19.3	37.3
45 to 64 Years	55	52.6	5.6	41.7	63.6
65 Years and Older	32	24.5	4.7	15.4	33.7
<b>Ethnicity</b>					
Hispanic	25	45.7	7.0	32.1	59.3
Non-Hispanic	100	31.2	3.1	25.0	37.3
<b>Race</b>					
White	114	34.6	3.3	28.2	41.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	44	32.5	4.8	23.1	42.0
Some College or College Graduate	82	38.4	4.1	30.4	46.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	35	31.8	5.6	20.7	42.8
\$35,000 or Higher per Year	77	42.2	4.4	33.6	50.7
<b>Disability Status</b>					
Living with a Disability†	32	41.8	7.1	27.9	55.6
Living without a Disability	90	34.4	3.6	27.4	41.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	69	35.2	4.2	27.0	43.4
Does not participate in leisure time physical activity	53	40.6	5.2	30.4	50.9
<b>Smoking Status</b>					
Current smoker	12	27.0	7.5	12.3	41.8
Non-smoker	112	37.7	3.5	30.9	44.6
<b>Health Insurance Status</b>					
Insured	109	35.6	3.4	28.9	42.3
Uninsured	17	37.0	7.8	21.6	52.4

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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, 2017

### Southwest Surveillance Region

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	13,706	67.2	0.4	66.3	68.0
Southwest Surveillance Region	280	72.9	2.7	67.6	78.2
<b>Gender</b>					
Men	150	80.8	3.3	74.3	87.3
Women	130	64.3	4.2	56.2	72.5
<b>Age Group</b>					
18 to 44 Years	96	69.5	4.2	61.2	77.8
45 to 64 Years	93	79.5	4.6	70.5	88.4
65 Years and Older	88	70.0	5.0	60.1	79.9
<b>Ethnicity</b>					
Hispanic	51	84.7	4.5	75.9	93.6
Non-Hispanic	226	67.1	3.2	60.8	73.4
<b>Race</b>					
White	260	73.2	2.8	67.8	78.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	107	73.3	4.2	65.0	81.5
Some College or College Graduate	173	72.6	3.5	65.8	79.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	76	67.3	5.3	56.9	77.7
\$35,000 or Higher per Year	167	79.4	3.2	73.2	85.7
<b>Disability Status</b>					
Living with a Disability†	72	84.9	4.2	76.8	93.1
Living without a Disability	200	70.7	3.2	64.4	77.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	165	72.4	3.6	65.3	79.4
Does not participate in leisure time physical activity	102	78.7	3.9	71.1	86.3
<b>Smoking Status</b>					
Current smoker	33	69.9	7.2	55.8	84.0
Non-smoker	242	74.0	2.9	68.3	79.7
<b>Health Insurance Status</b>					
Insured	244	72.8	3.0	66.9	78.6
Uninsured	35	74.6	6.4	62.0	87.1

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.

† Living with a Disability: Respondents who have at least one of the six disability types (hearing, vision, cognition, mobility, self-care, and/or independent living).

\* 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 2017 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 greater than 30 percent

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>

In 2017, cholesterol questions and fruits and vegetables modules were modified for all states. Due to the changes in methodology, we do not advise comparing 2017 findings to the previous modules.

For more information on new fruits and vegetables module: please visit <https://www.cdc.gov/nutrition/data-statistics/using-the-new-BRFSS-modules.html>

In 2017 and 2016, a six-item set of questions identify disability in hearing, vision, cognition, mobility, self-care, and independent living for all states. Respondents who responded "yes" to at least one of the six functional disability questions were identified as adults living with a disability.

For more information on disability questions: please visit [https://www.cdc.gov/brfss/data\\_documentation/pdf/BRFSS\\_Data\\_Users\\_Guide\\_on\\_Disability\\_Questions\\_2018-508.pdf](https://www.cdc.gov/brfss/data_documentation/pdf/BRFSS_Data_Users_Guide_on_Disability_Questions_2018-508.pdf)

Please visit the BRFSS questionnaires below to see the questions on specific topics:

2017 Kansas BRFSS: <http://www.kdheks.gov/brfss/PDF/ks2017svy.pdf>

2016 Kansas BRFSS: <http://www.kdheks.gov/brfss/PDF/ks2016svy.pdf>

2015 Kansas BRFSS: <http://www.kdheks.gov/brfss/PDF/ks2015svy.pdf>