

2017 Kansas Behavioral Risk Factor Surveillance System Local Data

Southwest Kansas Health Initiative



This page is intentionally blank.

2017 Kansas Behavioral Risk Factor Surveillance System Local Data

State of Kansas
Laura Kelly, Governor

Kansas Department of Health and Environment
Lee A. Norman, M.D., Acting Secretary

Report Preparation:
Pratik Pandya, MPH
Advanced Epidemiologist
Health Promotion and BRFSS Epidemiology
Bureau of Epidemiology and Public Health Informatics (BEPHI)

Report Supervision:
Belle Federman, ScD
Senior Epidemiologist
Health Promotion and BRFSS Epidemiology
Bureau of Epidemiology and Public Health Informatics (BEPHI)

Project Funding:
Partial funding for the 2017 Behavioral Risk Factor Survey was provided by cooperative agreement 6NU58DP006025-03-01 from the Centers for Disease Control and Prevention, Atlanta GA and by Kansas Health Foundation 200804006-01, Wichita, KS.

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

Kansas Department of Health and Environment (KDHE)

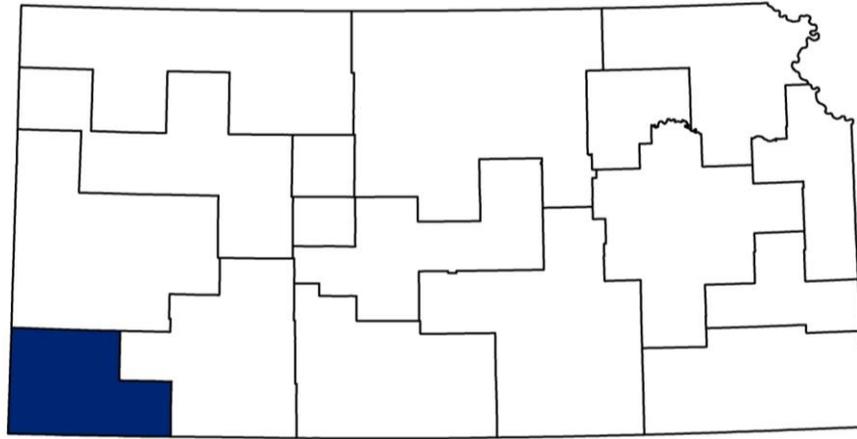
Mission

To protect and improve the health and environment of all Kansans

Vision

Healthy Kansans living in safe and sustainable environments

www.kdheks.gov



The Southwest Kansas Health Initiative comprises the following counties:
Grant, Morton, Seward, Stanton, Stevens

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

If you have any questions about survey methodology or need assistance interpreting the data, please contact:

Pratik Pandya, MPH
Advanced Epidemiologist
Health Promotion and BRFSS Epidemiology
Bureau of Epidemiology and Public Health Informatics (BEPHI)
Kansas Department of Health and Environment
Curtis State Office Building,
1000 SW Jackson Street, Suite 230
Topeka, KS 66612-1274
Telephone: 785-296-6513
Fax: 785-296-8059
Pratik.Pandya@ks.gov

Belle Federman, ScD
Senior Epidemiologist
Health Promotion and BRFSS Epidemiology
Bureau of Epidemiology and Public Health Informatics (BEPHI)
Kansas Department of Health & Environment
Curtis State Office Building
1000 SW Jackson, Suite 230
Topeka, KS 66612-1274
Telephone: 785-296-1152
Fax: 785-296-8059
Belle.Federman@ks.gov



Table of Contents

Alcohol Consumption

Binge Drinking.....	1
Heavy Drinking.....	3

Arthritis

Arthritis	5
Activity Limitation Due to Arthritis	7

Asthma	9
---------------------	---

Cancer

Cancer (Excluding Skin Cancer)	11
Skin Cancer	13

Cardiovascular Health

High Blood Pressure	15
---------------------------	----

Cholesterol

Not Checked Cholesterol within Five Years	17
High Blood Cholesterol Status.....	19

Chronic Obstructive Pulmonary Disease (COPD)	21
---	----

Depressive Disorder	23
----------------------------------	----

Diabetes	25
-----------------------	----

Disability	27
-------------------------	----

Exercise and Physical Activity

Not Participating in the Recommended Level of Physical Activity (Aerobic and/or Strengthening)	29
Did Not Participate in the Recommended Level of Aerobic and Strengthening Physical Activity.....	31
Not Participating in Any Physical Activity	33

Fruits and Vegetable Consumption

Consuming Fruits Less than 1 Time Per Day	35
---	----

Consuming Vegetables Less than 1 Time Per Day.....	37
--	----

Health Care Access

Lack Health Care Coverage	39
Lack Health Care Coverage 18 to 64 Years Old Only	41
No Personal Doctor	43
Did Not See Doctor Due to Cost.....	45

General Health	47
-----------------------------	----

Healthy Days - Health Related Quality of Life

Physical Health Status.....	49
Mental Health Status	51
Poor Physical or Mental Health is Barrier to Usual Activities.....	53

Immunization

Not Immunized Against Influenza.....	55
Not Immunized Against Influenza 65 Years and Older Only	57
Never Had Pneumonia Vaccination 65 Years and Older Only	59

Seatbelt Use	61
---------------------------	----

Tobacco Use

Current Smoker	63
----------------------	----

Veteran Status	65
-----------------------------	----

Weight Status (BMI Categories)

Obese.....	67
Overweight or Obese	69

Technical Notes	71
------------------------------	----

Unpublished Tables - The following data tables are not published due to insufficient sample and/or statistically unreliable estimates for Southwest Kansas Health Initiative: Heart Attack, Coronary Heart Disease, Stroke, Tried Quitting Smoking, Smokeless Tobacco Use, and Male Smokeless Tobacco Use.

Percentage of Adults Who Are Binge Drinkers, 2017

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,785	17.2	0.4	16.5	17.9
Southwest Kansas Health Initiative	37	14.6	2.6	9.5	19.7
Gender					
Men	25	18.7	4.0	10.9	26.6
Women	*	*	*	*	*
Age Group					
18 to 44 Years	24	22.0	4.6	13.0	31.0
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	28	13.2	2.6	8.1	18.4
Race					
White	37	16.9	3.0	11.1	22.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	14	11.0	3.2	4.6	17.3
Some College or College Graduate	23	18.5	4.0	10.6	26.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	25	19.2	4.1	11.3	27.2
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	28	16.7	3.3	10.2	23.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	17	17.4	4.6	8.4	26.4
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	26	13.0	2.8	7.5	18.6
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	29	14.0	2.8	8.4	19.6
Health Insurance Status					
Insured	33	16.2	3.0	10.3	22.1
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,067	6.0	0.2	5.6	6.4
Southwest Kansas Health Initiative	16	6.4	1.8	2.9	9.9
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	12	5.7	1.7	2.4	9.0
Race					
White	16	7.4	2.0	3.4	11.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

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

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,634	24.1	0.3	23.5	24.8
Southwest Kansas Health Initiative	84	21.1	2.7	15.8	26.4
Gender					
Men	25	14.0	3.3	7.4	20.5
Women	59	28.3	4.1	20.2	36.4
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	28	24.4	5.3	14.0	34.8
65 Years and Older	44	60.1	6.6	47.2	73.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	75	27.3	3.3	20.8	33.8
Race					
White	73	21.8	3.0	15.8	27.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	35	20.4	4.1	12.4	28.4
Some College or College Graduate	49	22.3	3.5	15.4	29.2
Annual Household Income					
Less than \$35,000 per Year	32	28.7	5.6	17.6	39.7
\$35,000 or Higher per Year	41	20.4	3.8	13.0	27.9
Disability Status					
Living with a Disability†	44	42.9	6.7	29.8	56.0
Living without a Disability	37	14.4	3.0	8.5	20.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	19	15.7	4.3	7.2	24.2
Overweight (25 ≤ BMI < 30)	27	23.0	5.1	13.0	33.1
Obese (BMI ≥ 30)	27	22.6	5.0	12.8	32.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	45	18.8	3.5	12.0	25.6
Does not participate in leisure time physical activity	32	28.7	5.5	18.0	39.4
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	61	21.2	3.2	14.9	27.4
Health Insurance Status					
Insured	79	24.2	3.1	18.1	30.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,148	49.7	0.8	48.2	51.2
Southwest Kansas Health Initiative	47	56.3	7.1	42.4	70.3
Gender					
Men	*	*	*	*	*
Women	35	61.3	8.3	45.0	77.6
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	43	59.1	7.0	45.3	72.9
Race					
White	39	52.3	7.8	37.1	67.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	<i>31</i>	<i>51.6</i>	<i>8.5</i>	<i>34.9</i>	<i>68.3</i>
Health Insurance Status					
Insured	<i>43</i>	<i>53.6</i>	<i>7.3</i>	<i>39.2</i>	<i>67.9</i>
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

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

Please refer to Technical Notes for more information.

Percentage of Adults with Current Asthma, 2017

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,901	9.1	0.3	8.6	9.6
Southwest Kansas Health Initiative	19	4.0	1.0	2.0	6.0
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	16	5.3	1.5	2.5	8.2
Race					
White	17	4.3	1.2	2.0	6.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
Health Insurance Status					
Insured	18	4.5	1.2	2.2	6.9
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

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

Please refer to Technical Notes for more information.

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

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,030	7.1	0.2	6.7	7.4
Southwest Kansas Health Initiative	19	4.5	1.3	2.0	7.1
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	17	5.7	1.5	2.8	8.5
Race					
White	*	*	*	*	*
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	18	6.0	1.7	2.7	9.4
Health Insurance Status					
Insured	17	4.5	1.2	2.2	6.8
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,960	6.3	0.2	5.9	6.6
Southwest Kansas Health Initiative	18	2.8	0.7	1.3	4.2
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	17	4.1	1.1	2.0	6.2
Race					
White	16	2.7	0.7	1.2	4.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	14	4.1	1.2	1.7	6.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
Health Insurance Status					
Insured	16	3.3	0.9	1.5	5.1
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 with Diagnosed Hypertension, 2017

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,757	32.8	0.4	32.0	33.5
Southwest Kansas Health Initiative	112	29.7	3.2	23.5	35.9
Gender					
Men	54	30.6	4.7	21.4	39.7
Women	58	28.8	4.2	20.5	37.1
Age Group					
18 to 44 Years	20	10.3	2.6	5.3	15.4
45 to 64 Years	44	44.9	6.6	32.0	57.9
65 Years and Older	48	66.1	6.1	54.2	78.0
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	101	37.3	3.6	30.3	44.3
Race					
White	101	30.1	3.4	23.5	36.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	48	30.9	4.9	21.3	40.5
Some College or College Graduate	64	28.7	3.8	21.2	36.2
Annual Household Income					
Less than \$35,000 per Year	33	34.5	6.4	22.0	47.1
\$35,000 or Higher per Year	60	31.2	4.5	22.4	40.0
Disability Status					
Living with a Disability†	39	44.3	6.8	31.1	57.6
Living without a Disability	67	25.7	3.8	18.3	33.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	41	36.3	6.0	24.6	48.1
Obese (BMI ≥ 30)	41	30.2	5.2	20.0	40.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	69	26.3	3.8	18.9	33.7
Does not participate in leisure time physical activity	34	38.7	6.7	25.7	51.8
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	85	26.4	3.3	20.0	32.8
Health Insurance Status					
Insured	102	33.7	3.6	26.5	40.8
Uninsured	*	*	*	*	*

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,246	15.2	0.4	14.5	15.9
Southwest Kansas Health Initiative	41	16.8	2.9	11.2	22.5
Gender					
Men	23	23.3	4.9	13.6	33.0
Women	18	10.2	2.6	5.1	15.3
Age Group					
18 to 44 Years	28	25.6	4.9	15.9	35.3
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	11	19.6	5.8	8.3	30.9
Non-Hispanic	30	15.6	3.1	9.5	21.6
Race					
White	34	14.5	2.7	9.3	19.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	24	20.3	4.5	11.4	29.2
Some College or College Graduate	17	12.9	3.3	6.4	19.3
Annual Household Income					
Less than \$35,000 per Year	13	17.8	5.3	7.5	28.1
\$35,000 or Higher per Year	14	7.5	2.1	3.4	11.6
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	32	18.9	3.7	11.6	26.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	14	30.0	8.1	14.2	45.9
Overweight (25 ≤ BMI < 30)	14	14.5	4.3	6.1	22.9
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	31	20.5	4.0	12.7	28.3
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	26	15.9	3.4	9.1	22.6
Health Insurance Status					
Insured	34	18.8	3.5	12.0	25.6
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,314	34.1	0.4	33.2	34.9
Southwest Kansas Health Initiative	82	28.1	3.5	21.2	35.0
Gender					
Men	37	29.3	5.3	18.9	39.8
Women	45	27.0	4.7	17.8	36.2
Age Group					
18 to 44 Years	14	13.0	3.7	5.7	20.2
45 to 64 Years	35	40.3	7.1	26.5	54.1
65 Years and Older	33	45.1	7.5	30.4	59.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	71	29.2	3.5	22.5	36.0
Race					
White	72	26.4	3.6	19.3	33.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	30	25.7	5.4	15.2	36.2
Some College or College Graduate	52	31.5	4.5	22.6	40.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	58	36.5	5.2	26.4	46.6
Disability Status					
Living with a Disability†	24	33.5	7.2	19.5	47.6
Living without a Disability	52	26.0	4.2	17.7	34.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	28	28.4	6.1	16.5	40.2
Obese (BMI ≥ 30)	30	28.6	5.9	17.1	40.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	50	25.7	4.3	17.4	34.1
Does not participate in leisure time physical activity	27	40.3	7.4	25.7	54.8
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	65	28.1	3.9	20.5	35.7
Health Insurance Status					
Insured	76	31.6	4.0	23.8	39.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,644	6.4	0.2	6.0	6.8
Southwest Kansas Health Initiative	20	4.1	1.1	2.0	6.3
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	19	6.4	1.7	3.1	9.7
Race					
White	18	4.1	1.2	1.9	6.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
Health Insurance Status					
Insured	18	4.8	1.3	2.2	7.4
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

† 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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,374	20.9	0.4	20.2	21.6
Southwest Kansas Health Initiative	53	12.9	2.1	8.9	17.0
Gender					
Men	*	*	*	*	*
Women	42	20.6	3.6	13.6	27.6
Age Group					
18 to 44 Years	23	14.1	3.1	8.0	20.3
45 to 64 Years	16	10.0	2.7	4.7	15.3
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	43	14.3	2.4	9.7	18.9
Race					
White	48	13.8	2.3	9.3	18.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	25	12.9	3.0	7.0	18.7
Some College or College Graduate	28	13.3	2.9	7.6	18.9
Annual Household Income					
Less than \$35,000 per Year	20	17.1	4.4	8.4	25.8
\$35,000 or Higher per Year	22	10.8	2.7	5.6	16.0
Disability Status					
Living with a Disability†	27	31.5	6.2	19.4	43.7
Living without a Disability	21	6.1	1.6	3.1	9.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	23	19.7	4.7	10.6	28.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	22	7.6	2.0	3.8	11.5
Does not participate in leisure time physical activity	24	21.8	5.0	12.0	31.7
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	31	9.3	2.0	5.4	13.2
Health Insurance Status					
Insured	43	12.1	2.2	7.8	16.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,844	10.5	0.2	10.0	11.0
Southwest Kansas Health Initiative	25	9.1	2.3	4.7	13.6
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	22	10.8	2.7	5.5	16.1
Race					
White	22	10.0	2.6	4.8	15.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	<i>20</i>	<i>9.9</i>	<i>2.8</i>	<i>4.5</i>	<i>15.4</i>
Health Insurance Status					
Insured	<i>23</i>	<i>9.7</i>	<i>2.4</i>	<i>5.0</i>	<i>14.4</i>
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,832	25.9	0.4	25.2	26.7
Southwest Kansas Health Initiative	84	27.7	3.3	21.3	34.1
Gender					
Men	28	21.4	4.4	12.8	29.9
Women	56	34.8	4.8	25.5	44.1
Age Group					
18 to 44 Years	23	20.6	4.4	12.0	29.3
45 to 64 Years	26	26.9	5.9	15.4	38.4
65 Years and Older	35	54.0	7.3	39.6	68.4
Ethnicity					
Hispanic	15	25.4	6.2	13.3	37.5
Non-Hispanic	69	29.8	3.6	22.8	36.8
Race					
White	72	25.1	3.2	18.8	31.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	46	35.5	5.4	24.9	46.1
Some College or College Graduate	38	19.6	3.5	12.8	26.5
Annual Household Income					
Less than \$35,000 per Year	36	40.2	6.6	27.2	53.2
\$35,000 or Higher per Year	35	20.3	3.9	12.7	28.0
Weight Category					
Normal or Underweight (BMI < 25)	23	37.3	8.1	21.4	53.2
Overweight (25 ≤ BMI < 30)	25	17.9	4.0	10.1	25.8
Obese (BMI ≥ 30)	30	36.3	6.3	23.9	48.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	44	21.3	3.7	14.1	28.5
Does not participate in leisure time physical activity	33	38.1	6.7	24.9	51.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	56	22.8	3.4	16.2	29.4
Health Insurance Status					
Insured	72	27.5	3.5	20.6	34.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	15,354	81.0	0.4	80.3	81.7
Southwest Kansas Health Initiative	218	81.8	2.9	76.1	87.4
Gender					
Men	93	80.0	4.4	71.3	88.7
Women	125	83.6	3.7	76.5	90.8
Age Group					
18 to 44 Years	83	73.6	4.9	64.0	83.3
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	41	77.1	5.8	65.7	88.6
Non-Hispanic	176	85.3	2.6	80.2	90.5
Race					
White	196	83.0	3.0	77.1	88.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	120	75.2	4.2	66.9	83.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	122	82.8	3.7	75.6	89.9
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	149	82.9	3.1	76.7	89.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	79	84.2	4.2	75.9	92.5
Obese (BMI ≥ 30)	71	81.7	5.1	71.8	91.6
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	176	80.5	3.4	73.9	87.1
Health Insurance Status					
Insured	191	82.3	3.1	76.3	88.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,754	41.2	0.5	40.3	42.1
Southwest Kansas Health Initiative	122	47.7	3.9	40.1	55.3
Gender					
Men	53	49.5	5.8	38.2	60.8
Women	69	45.9	5.1	35.9	55.9
Age Group					
18 to 44 Years	44	38.9	5.4	28.4	49.4
45 to 64 Years	45	57.5	6.7	44.4	70.5
65 Years and Older	32	54.2	7.8	38.8	69.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	97	48.4	4.0	40.5	56.4
Race					
White	108	47.4	4.1	39.4	55.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	63	57.1	5.9	45.5	68.8
Some College or College Graduate	59	38.0	4.6	29.0	47.0
Annual Household Income					
Less than \$35,000 per Year	37	49.7	7.1	35.8	63.6
\$35,000 or Higher per Year	69	50.5	5.1	40.4	60.6
Disability Status					
Living with a Disability†	43	60.3	7.1	46.3	74.3
Living without a Disability	74	42.9	4.6	33.8	52.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	22	45.2	8.5	28.5	62.0
Overweight (25 ≤ BMI < 30)	46	46.3	6.5	33.6	59.0
Obese (BMI ≥ 30)	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	98	44.7	4.2	36.4	52.9
Health Insurance Status					
Insured	110	49.5	4.1	41.4	57.6
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,721	27.9	0.4	27.1	28.7
Southwest Kansas Health Initiative	83	28.9	3.4	22.3	35.5
Gender					
Men	32	25.0	4.8	15.6	34.4
Women	51	33.1	4.7	24.0	42.3
Age Group					
18 to 44 Years	27	24.1	4.6	15.1	33.1
45 to 64 Years	29	31.2	6.3	18.8	43.7
65 Years and Older	26	37.0	7.0	23.4	50.7
Ethnicity					
Hispanic	16	25.6	6.2	13.4	37.7
Non-Hispanic	67	31.8	3.7	24.5	39.1
Race					
White	73	28.7	3.5	21.8	35.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	47	36.7	5.5	26.0	47.5
Some College or College Graduate	36	20.8	3.6	13.6	27.9
Annual Household Income					
Less than \$35,000 per Year	30	37.1	6.5	24.2	49.9
\$35,000 or Higher per Year	43	26.0	4.3	17.6	34.4
Disability Status					
Living with a Disability†	33	41.0	7.0	27.3	54.8
Living without a Disability	46	23.4	3.8	16.0	30.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	19	32.3	7.6	17.4	47.2
Overweight (25 ≤ BMI < 30)	25	24.8	5.5	14.1	35.5
Obese (BMI ≥ 30)	28	30.9	6.0	19.2	42.7
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	63	24.0	3.2	17.8	30.3
Health Insurance Status					
Insured	72	29.1	3.6	21.9	36.2
Uninsured	*	*	*	*	*

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,946	37.5	0.4	36.7	38.4
Southwest Kansas Health Initiative	99	37.1	3.7	29.8	44.4
Gender					
Men	54	46.2	5.7	35.1	57.4
Women	45	27.4	4.5	18.6	36.1
Age Group					
18 to 44 Years	37	33.3	5.3	22.9	43.8
45 to 64 Years	42	45.9	6.8	32.5	59.3
65 Years and Older	20	31.6	6.9	18.0	45.2
Ethnicity					
Hispanic	17	34.5	7.2	20.5	48.6
Non-Hispanic	82	39.5	4.0	31.7	47.3
Race					
White	91	39.1	4.0	31.2	46.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	44	41.8	6.0	29.9	53.6
Some College or College Graduate	55	32.7	4.3	24.3	41.1
Annual Household Income					
Less than \$35,000 per Year	30	32.4	6.3	20.0	44.8
\$35,000 or Higher per Year	56	39.3	5.1	29.3	49.2
Disability Status					
Living with a Disability†	26	26.7	5.5	16.0	37.5
Living without a Disability	70	41.3	4.6	32.2	50.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	20	35.3	8.1	19.4	51.2
Overweight (25 ≤ BMI < 30)	40	44.5	6.4	32.0	57.1
Obese (BMI ≥ 30)	33	31.0	5.5	20.2	41.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	65	34.6	4.4	25.9	43.3
Does not participate in leisure time physical activity	32	40.8	6.9	27.3	54.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	73	34.2	4.0	26.3	42.1
Health Insurance Status					
Insured	82	34.8	3.9	27.2	42.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,049	17.3	0.4	16.6	18.0
Southwest Kansas Health Initiative	39	17.7	3.0	11.8	23.5
Gender					
Men	21	21.6	4.8	12.1	31.0
Women	18	13.5	3.3	7.1	19.9
Age Group					
18 to 44 Years	26	24.6	4.7	15.4	33.8
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	27	16.8	3.4	10.2	23.5
Race					
White	35	17.4	3.1	11.4	23.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	23	23.8	5.1	13.8	33.7
Some College or College Graduate	15	10.5	2.8	4.9	16.1
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	19	16.0	4.0	8.2	23.7
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	28	19.1	3.7	11.7	26.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	15	19.3	4.9	9.6	29.0
Leisure Time Physical Activity					
Participates in leisure time physical activity	26	15.4	3.2	9.1	21.8
Does not participate in leisure time physical activity	13	23.9	6.5	11.1	36.6
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	30	16.3	3.1	10.2	22.3
Health Insurance Status					
Insured	28	15.6	3.2	9.3	21.9
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

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

Please refer to Technical Notes for more information.

Percentage of Adults Who Lack Health Care Coverage, 2017

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,969	12.5	0.3	11.8	13.1
Southwest Kansas Health Initiative	49	21.1	3.2	14.9	27.4
Gender					
Men	25	26.0	5.1	16.0	35.9
Women	24	16.2	3.7	9.0	23.5
Age Group					
18 to 44 Years	32	25.6	4.5	16.7	34.5
45 to 64 Years	14	21.6	6.3	9.4	33.9
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	16	26.6	6.3	14.3	38.9
Non-Hispanic	32	17.7	3.3	11.3	24.1
Race					
White	42	21.5	3.5	14.6	28.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	29	28.9	5.2	18.7	39.1
Some College or College Graduate	18	11.6	2.8	6.1	17.0
Annual Household Income					
Less than \$35,000 per Year	17	23.9	5.9	12.2	35.6
\$35,000 or Higher per Year	19	17.3	4.5	8.4	26.2
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	29	19.5	4.0	11.7	27.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	13	23.2	6.7	10.1	36.4
Overweight (25 ≤ BMI < 30)	16	21.0	5.4	10.3	31.6
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	27	18.1	3.9	10.4	25.8
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	29	17.3	3.5	10.4	24.2

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,830	15.3	0.4	14.5	16.1
Southwest Kansas Health Initiative	46	24.1	3.7	16.9	31.3
Gender					
Men	24	27.6	5.5	16.8	38.5
Women	22	20.0	4.6	11.0	29.1
Age Group					
18 to 44 Years	32	25.6	4.5	16.7	34.5
45 to 64 Years	14	21.6	6.3	9.4	33.9
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	16	27.4	6.4	14.8	40.1
Non-Hispanic	29	21.8	4.1	13.8	29.7
Race					
White	39	24.7	4.1	16.7	32.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	27	32.9	6.0	21.1	44.6
Some College or College Graduate	17	13.5	3.3	7.1	19.9
Annual Household Income					
Less than \$35,000 per Year	15	26.9	7.1	13.0	40.8
\$35,000 or Higher per Year	18	20.0	5.2	9.8	30.1
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	28	21.5	4.4	13.0	30.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	22.3	6.1	10.2	34.3
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	26	20.9	4.5	12.1	29.6
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	26	19.8	4.1	11.7	27.9

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,646	22.4	0.4	21.7	23.2
Southwest Kansas Health Initiative	100	40.7	3.6	33.6	47.8
Gender					
Men	52	49.9	5.4	39.3	60.5
Women	48	31.6	4.4	22.9	40.3
Age Group					
18 to 44 Years	62	49.7	5.1	39.7	59.7
45 to 64 Years	30	41.2	6.8	27.8	54.6
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	32	53.6	6.9	40.1	67.2
Non-Hispanic	65	31.1	3.7	23.9	38.3
Race					
White	84	39.8	3.9	32.3	47.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	50	46.4	5.5	35.7	57.2
Some College or College Graduate	49	34.5	4.4	25.8	43.2
Annual Household Income					
Less than \$35,000 per Year	32	39.6	6.6	26.7	52.5
\$35,000 or Higher per Year	46	37.3	5.0	27.5	47.2
Disability Status					
Living with a Disability†	21	32.4	6.7	19.3	45.5
Living without a Disability	70	43.2	4.5	34.3	52.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	19	32.2	7.3	17.8	46.6
Overweight (25 ≤ BMI < 30)	34	42.2	6.3	29.8	54.6
Obese (BMI ≥ 30)	31	42.5	6.5	29.7	55.3
Leisure Time Physical Activity					
Participates in leisure time physical activity	70	43.9	4.5	35.0	52.8
Does not participate in leisure time physical activity	22	33.0	6.7	19.9	46.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	71	38.6	4.1	30.6	46.6
Health Insurance Status					
Insured	69	32.9	3.8	25.5	40.4
Uninsured	*	*	*	*	*

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,144	12.1	0.3	11.5	12.7
Southwest Kansas Health Initiative	38	15.7	2.8	10.1	21.3
Gender					
Men	*	*	*	*	*
Women	28	21.9	4.4	13.2	30.5
Age Group					
18 to 44 Years	22	19.1	4.2	10.8	27.4
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	13	20.9	5.7	9.7	32.1
Non-Hispanic	25	12.6	2.9	7.0	18.2
Race					
White	29	13.5	2.8	8.0	19.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	17	19.9	4.8	10.6	29.2
Some College or College Graduate	21	11.0	2.5	6.2	15.8
Annual Household Income					
Less than \$35,000 per Year	21	32.0	6.7	18.8	45.1
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	18	31.0	6.9	17.4	44.6
Living without a Disability	18	10.6	3.0	4.7	16.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	15	14.9	4.4	6.2	23.5
Leisure Time Physical Activity					
Participates in leisure time physical activity	19	12.5	3.3	5.9	19.0
Does not participate in leisure time physical activity	15	22.2	6.2	10.0	34.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	21	10.3	2.6	5.2	15.4
Health Insurance Status					
Insured	27	12.0	2.7	6.6	17.3
Uninsured	*	*	*	*	*

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,766	16.7	0.3	16.0	17.3
Southwest Kansas Health Initiative	52	16.4	2.7	11.1	21.7
Gender					
Men	18	11.5	3.2	5.2	17.8
Women	34	21.4	4.2	13.1	29.7
Age Group					
18 to 44 Years	15	9.8	2.9	4.2	15.4
45 to 64 Years	20	22.3	5.7	11.1	33.5
65 Years and Older	17	27.4	7.4	12.9	42.0
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	43	17.9	3.0	11.9	23.8
Race					
White	44	16.1	2.9	10.4	21.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	29	20.3	4.3	11.9	28.6
Some College or College Graduate	23	12.0	3.1	6.0	18.0
Annual Household Income					
Less than \$35,000 per Year	26	32.8	6.5	20.0	45.6
\$35,000 or Higher per Year	18	10.9	3.1	4.7	17.1
Disability Status					
Living with a Disability†	29	33.9	6.5	21.1	46.7
Living without a Disability	19	9.7	2.8	4.2	15.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	25	26.2	5.6	15.3	37.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	25	12.8	3.1	6.7	19.0
Does not participate in leisure time physical activity	23	28.1	6.3	15.7	40.5
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	34	12.7	2.6	7.5	17.8
Health Insurance Status					
Insured	48	19.0	3.2	12.7	25.3
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,574	11.3	0.3	10.8	11.8
Southwest Kansas Health Initiative	33	9.9	2.2	5.6	14.1
Gender					
Men	*	*	*	*	*
Women	21	12.1	3.4	5.4	18.8
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	18	26.5	7.0	12.8	40.2
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	30	12.6	2.6	7.4	17.7
Race					
White	30	10.1	2.2	5.8	14.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	21	14.7	3.8	7.2	22.2
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	21	23.2	5.8	11.7	34.6
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	23	24.5	5.8	13.1	35.9
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	21	23.5	6.0	11.8	35.3
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	24	9.2	2.3	4.7	13.7
Health Insurance Status					
Insured	33	12.2	2.6	7.1	17.4
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,163	11.4	0.3	10.8	12.0
Southwest Kansas Health Initiative	28	9.0	2.1	4.9	13.1
Gender					
Men	*	*	*	*	*
Women	22	14.1	3.7	6.9	21.4
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	20	7.4	1.9	3.8	11.1
Race					
White	25	9.4	2.3	4.8	14.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	17	12.9	3.7	5.6	20.2
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	18	22.5	5.6	11.5	33.5
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
Health Insurance Status					
Insured	22	7.3	1.9	3.6	10.9
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

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

Please refer to Technical Notes for more information.

Percentage of Adults Who Reported Their Poor Physical or Mental Health Kept Them From Doing Their Usual Activities, such as Self-care, Work or Recreation in the Past 30 Days, 2017

Southwest Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,399	40.8	0.6	39.6	42.0
Southwest Kansas Health Initiative	60	38.9	5.0	29.1	48.7
Gender					
Men	*	*	*	*	*
Women	42	39.8	6.2	27.6	52.0
Age Group					
18 to 44 Years	24	37.0	7.3	22.7	51.2
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	50	42.3	5.3	31.8	52.7
Race					
White	54	42.7	5.5	31.9	53.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	27	36.8	7.2	22.6	51.0
Some College or College Graduate	33	41.5	6.7	28.3	54.6
Annual Household Income					
Less than \$35,000 per Year	27	50.0	8.2	34.0	66.1
\$35,000 or Higher per Year	27	38.3	7.5	23.7	52.9
Disability Status					
Living with a Disability†	32	49.6	7.8	34.3	64.8
Living without a Disability	25	32.6	6.8	19.1	46.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	35	39.8	6.5	27.0	52.6
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	40	34.4	5.4	23.7	45.0
Health Insurance Status					
Insured	53	41.7	5.4	31.1	52.3
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	11,141	61.6	0.4	60.7	62.4
Southwest Kansas Health Initiative	180	65.1	3.6	58.0	72.3
Gender					
Men	88	73.6	5.1	63.7	83.5
Women	92	56.1	5.1	46.2	66.0
Age Group					
18 to 44 Years	83	69.4	5.2	59.2	79.6
45 to 64 Years	64	72.1	6.2	60.0	84.3
65 Years and Older	33	39.3	6.8	25.9	52.7
Ethnicity					
Hispanic	37	67.1	6.9	53.7	80.5
Non-Hispanic	142	63.8	4.0	56.1	71.6
Race					
White	159	65.1	3.9	57.5	72.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	80	69.0	5.5	58.1	79.8
Some College or College Graduate	99	60.6	4.7	51.4	69.7
Annual Household Income					
Less than \$35,000 per Year	54	67.7	6.1	55.7	79.7
\$35,000 or Higher per Year	99	62.4	5.0	52.5	72.3
Disability Status					
Living with a Disability†	44	60.7	7.0	47.0	74.4
Living without a Disability	134	69.4	4.3	61.0	77.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	42	65.3	7.9	49.9	80.7
Overweight (25 ≤ BMI < 30)	65	66.5	6.2	54.3	78.7
Obese (BMI ≥ 30)	55	63.6	6.4	51.0	76.1
Leisure Time Physical Activity					
Participates in leisure time physical activity	130	64.9	4.5	56.1	73.6
Does not participate in leisure time physical activity	50	65.8	6.3	53.5	78.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	141	60.5	4.2	52.3	68.6
Health Insurance Status					
Insured	150	62.1	4.0	54.3	69.9
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,774	44.0	0.7	42.5	45.4
Southwest Kansas Health Initiative	33	39.3	6.8	25.9	52.7
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	33	43.1	7.1	29.3	57.0
Race					
White	30	38.2	7.1	24.3	52.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	<i>27</i>	<i>37.9</i>	<i>7.2</i>	<i>23.8</i>	<i>52.1</i>
Health Insurance Status					
Insured	<i>31</i>	<i>38.1</i>	<i>6.9</i>	<i>24.7</i>	<i>51.6</i>
Uninsured	*	*	*	*	*

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

Denominator: All respondents 65 years old and older, excluding unknowns and refusals.

† 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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,472	23.5	0.6	22.2	24.8
Southwest Kansas Health Initiative	27	33.1	6.4	20.5	45.7
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	27	36.3	6.7	23.1	49.4
Race					
White	25	34.2	6.9	20.7	47.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	22	30.7	6.7	17.6	43.8
Health Insurance Status					
Insured	26	33.3	6.5	20.5	46.1
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,294	16.6	0.3	16.0	17.3
Southwest Kansas Health Initiative	80	28.9	3.3	22.5	35.4
Gender					
Men	42	32.8	5.1	22.9	42.8
Women	38	24.8	4.1	16.7	32.9
Age Group					
18 to 44 Years	38	31.5	4.9	21.8	41.2
45 to 64 Years	28	27.9	5.6	16.9	39.0
65 Years and Older	13	19.6	5.7	8.4	30.8
Ethnicity					
Hispanic	13	19.5	5.3	9.1	29.8
Non-Hispanic	67	35.7	3.9	27.9	43.4
Race					
White	72	30.1	3.5	23.2	37.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	36	30.7	5.3	20.4	41.0
Some College or College Graduate	44	27.4	4.0	19.7	35.2
Annual Household Income					
Less than \$35,000 per Year	22	29.4	6.1	17.5	41.4
\$35,000 or Higher per Year	44	27.1	4.2	18.9	35.2
Disability Status					
Living with a Disability†	19	25.4	5.8	13.9	36.8
Living without a Disability	58	28.5	3.9	20.9	36.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	16	30.2	7.7	15.2	45.3
Overweight (25 ≤ BMI < 30)	29	27.2	5.1	17.2	37.3
Obese (BMI ≥ 30)	25	28.4	5.9	16.8	39.9
Leisure Time Physical Activity					
Participates in leisure time physical activity	46	21.9	3.5	15.0	28.7
Does not participate in leisure time physical activity	34	46.9	6.8	33.5	60.2
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	62	26.7	3.5	19.8	33.6
Health Insurance Status					
Insured	69	29.2	3.6	22.2	36.2
Uninsured	*	*	*	*	*

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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,145	17.4	0.4	16.7	18.1
Southwest Kansas Health Initiative	49	19.2	3.1	13.1	25.4
Gender					
Men	24	23.2	4.9	13.6	32.8
Women	25	14.8	3.7	7.5	22.1
Age Group					
18 to 44 Years	18	17.9	4.4	9.2	26.5
45 to 64 Years	22	26.0	6.3	13.8	38.3
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	10	21.5	6.3	9.2	33.8
Non-Hispanic	39	18.0	3.1	11.9	24.0
Race					
White	44	20.3	3.4	13.6	27.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	31	28.2	5.4	17.7	38.7
Some College or College Graduate	18	9.9	2.7	4.7	15.1
Annual Household Income					
Less than \$35,000 per Year	23	36.1	7.0	22.3	49.8
\$35,000 or Higher per Year	20	11.8	3.2	5.4	18.1
Disability Status					
Living with a Disability†	24	28.4	6.1	16.5	40.4
Living without a Disability	25	17.0	3.8	9.5	24.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	19	23.8	6.0	12.0	35.6
Obese (BMI ≥ 30)	13	16.1	4.8	6.7	25.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	32	16.3	3.4	9.6	23.0
Does not participate in leisure time physical activity	17	30.0	7.1	16.0	44.0
Health Insurance Status					
Insured	39	17.8	3.3	11.4	24.3
Uninsured	*	*	*	*	*

Numerator: Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.

Denominator: All respondents, excluding unknowns and refusals.

† **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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,748	10.9	0.2	10.4	11.4
Southwest Kansas Health Initiative	23	8.5	2.0	4.5	12.5
Gender					
Men	22	16.3	3.9	8.8	23.9
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	19	9.0	2.1	4.9	13.2
Race					
White	20	9.0	2.3	4.4	13.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	*	*	*	*	*
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	*	*	*	*	*
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	16	7.9	2.4	3.3	12.6
Health Insurance Status					
Insured	18	7.4	1.9	3.6	11.1
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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,551	32.3	0.4	31.5	33.2
Southwest Kansas Health Initiative	93	34.7	3.7	27.5	41.9
Gender					
Men	42	30.8	5.1	20.7	40.8
Women	51	39.2	5.1	29.2	49.2
Age Group					
18 to 44 Years	44	39.2	5.4	28.6	49.8
45 to 64 Years	33	32.9	6.3	20.5	45.4
65 Years and Older	16	24.9	6.9	11.4	38.5
Ethnicity					
Hispanic	19	36.5	7.2	22.4	50.6
Non-Hispanic	71	32.0	3.7	24.7	39.2
Race					
White	81	35.7	4.0	27.9	43.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	40	34.6	5.4	24.0	45.3
Some College or College Graduate	52	34.3	4.7	25.2	43.4
Annual Household Income					
Less than \$35,000 per Year	28	33.5	6.4	20.9	46.0
\$35,000 or Higher per Year	53	37.1	5.1	27.0	47.1
Disability Status					
Living with a Disability†	30	43.5	7.1	29.6	57.3
Living without a Disability	60	30.8	4.3	22.3	39.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	61	33.3	4.4	24.6	41.9
Does not participate in leisure time physical activity	28	37.0	7.0	23.3	50.6
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	78	37.3	4.2	29.0	45.5
Health Insurance Status					
Insured	84	36.2	3.9	28.5	43.9
Uninsured	*	*	*	*	*

Numerator: Respondents with a body mass index greater than or equal to 30, based on self-reported height and weight.

Denominator: All respondents, excluding unknowns and refusals.

† 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 Kansas Health Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	13,706	67.2	0.4	66.3	68.0
Southwest Kansas Health Initiative	198	75.8	3.3	69.4	82.2
Gender					
Men	98	79.2	4.7	70.0	88.3
Women	100	72.0	4.5	63.1	80.9
Age Group					
18 to 44 Years	86	78.2	4.5	69.3	87.0
45 to 64 Years	69	77.7	6.2	65.4	89.9
65 Years and Older	42	62.9	6.9	49.3	76.5
Ethnicity					
Hispanic	42	83.0	5.4	72.4	93.5
Non-Hispanic	152	70.1	4.0	62.3	78.0
Race					
White	171	77.8	3.1	71.8	83.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	83	72.5	5.1	62.5	82.5
Some College or College Graduate	113	79.6	3.6	72.5	86.7
Annual Household Income					
Less than \$35,000 per Year	63	79.4	5.8	68.1	90.8
\$35,000 or Higher per Year	109	77.8	4.1	69.9	85.8
Disability Status					
Living with a Disability†	55	70.0	6.9	56.4	83.6
Living without a Disability	137	79.7	3.6	72.7	86.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	134	76.8	3.9	69.2	84.5
Does not participate in leisure time physical activity	53	72.6	6.7	59.4	85.7
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	161	77.3	3.5	70.3	84.2
Health Insurance Status					
Insured	173	76.8	3.5	69.9	83.7
Uninsured	*	*	*	*	*

Numerator: Respondents with a body mass index greater than or equal to 25, based on self-reported height and weight.

Denominator: All respondents, excluding unknowns and refusals.

† 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

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>