

2017 Kansas Behavioral Risk Factor Surveillance System Local Data

Butler County



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)

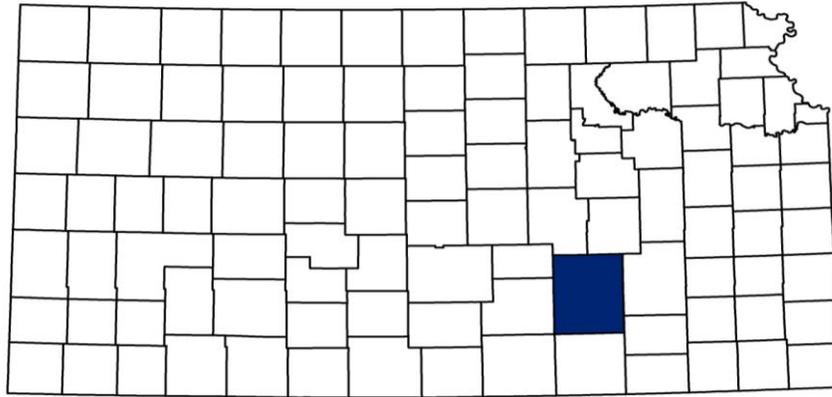
Mission

To protect and improve the health and environment of all Kansans

Vision

Healthy Kansans living in safe and sustainable environments

www.kdheks.gov



Butler County

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

Coronary Heart Disease	15
High Blood Pressure	17

Cholesterol

Not Checked Cholesterol within Five Years	19
High Blood Cholesterol Status.....	21

Chronic Obstructive Pulmonary Disease (COPD)	23
---	----

Depressive Disorder	25
----------------------------------	----

Diabetes	27
-----------------------	----

Disability	29
-------------------------	----

Exercise and Physical Activity

Not Participating in the Recommended Level of Physical Activity (Aerobic and/or Strengthening)	31
Did Not Participate in the Recommended Level of Aerobic and Strengthening Physical Activity.....	33
Not Participating in Any Physical Activity	35

Fruits and Vegetable Consumption

Consuming Fruits Less than 1 Time Per Day	37
Consuming Vegetables Less than 1 Time Per Day.....	39

Health Care Access

Lack Health Care Coverage	41
Lack Health Care Coverage 18 to 64 Years Old Only	43
No Personal Doctor.....	45
Did Not See Doctor Due to Cost.....	47

General Health 49

Healthy Days - Health Related Quality of Life

Physical Health Status.....	51
Mental Health Status.....	53
Poor Physical or Mental Health is Barrier to Usual Activities.....	55

Immunization

Not Immunized Against Influenza.....	57
Not Immunized Against Influenza 65 Years and Older Only	59
Never Had Pneumonia Vaccination 65 Years and Older Only	61

Seatbelt Use..... 63

Tobacco Use

Current Smoker	65
Tried Quitting Smoking	67
Smokeless Tobacco Use.....	69
Male Smokeless Tobacco Use	71

Veteran Status 73

Weight Status (BMI Categories)

Obese.....	75
Overweight or Obese	77

Technical Notes..... 79

Unpublished Tables - The following data tables are not published due to insufficient sample and/or statistically unreliable estimates for Butler County: Heart Attack and Stroke.

Percentage of Adults Who Are Binge Drinkers, 2017

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,785	17.2	0.4	16.5	17.9
Butler County	53	18.2	2.5	13.2	23.2
Gender					
Men	39	27.0	4.2	18.7	35.2
Women	14	9.6	2.6	4.4	14.7
Age Group					
18 to 44 Years	32	30.0	4.9	20.5	39.5
45 to 64 Years	16	10.2	2.7	4.9	15.6
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	53	18.9	2.6	13.8	24.1
Race					
White	49	18.3	2.6	13.1	23.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	15	22.7	5.7	11.4	33.9
Some College or College Graduate	38	16.2	2.6	11.1	21.3
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	42	22.4	3.4	15.7	29.1
Disability Status					
Living with a Disability†	13	14.2	4.0	6.4	22.0
Living without a Disability	40	19.8	3.2	13.6	26.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	11	14.5	4.3	6.1	22.9
Overweight (25 ≤ BMI < 30)	24	24.8	4.8	15.4	34.3
Obese (BMI ≥ 30)	15	14.1	3.8	6.5	21.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	42	20.2	3.2	14.0	26.4
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	15	35.2	8.5	18.6	51.8
Non-smoker	37	14.4	2.4	9.7	19.1
Health Insurance Status					
Insured	50	18.7	2.7	13.4	24.0
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,067	6.0	0.2	5.6	6.4
Butler County	22	6.4	1.5	3.5	9.3
Gender					
Men	15	9.5	2.6	4.4	14.7
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	22	6.6	1.5	3.6	9.7
Race					
White	20	6.3	1.5	3.3	9.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	14	4.7	1.4	2.0	7.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	16	7.4	2.0	3.5	11.3
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	15	5.8	1.6	2.6	9.0
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	*	*	*	*	*
Health Insurance Status					
Insured	21	6.8	1.6	3.6	10.0
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,634	24.1	0.3	23.5	24.8
Butler County	118	23.2	2.3	18.6	27.7
Gender					
Men	46	20.5	3.1	14.4	26.6
Women	72	25.9	3.4	19.2	32.6
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	50	29.7	4.0	21.9	37.4
65 Years and Older	54	50.4	6.0	38.6	62.2
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	114	23.0	2.4	18.4	27.6
Race					
White	111	23.3	2.4	18.6	28.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	33	25.4	4.9	15.9	35.0
Some College or College Graduate	84	22.1	2.5	17.1	27.0
Annual Household Income					
Less than \$35,000 per Year	32	27.0	5.2	16.8	37.1
\$35,000 or Higher per Year	63	20.2	2.7	14.9	25.4
Disability Status					
Living with a Disability†	53	43.5	5.7	32.3	54.6
Living without a Disability	58	15.5	2.4	10.8	20.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	26	16.8	3.7	9.6	24.1
Overweight (25 ≤ BMI < 30)	33	22.9	4.3	14.5	31.3
Obese (BMI ≥ 30)	50	30.9	4.5	22.0	39.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	66	20.4	2.8	15.0	25.9
Does not participate in leisure time physical activity	42	31.5	5.1	21.6	41.4
Smoking Status					
Current smoker	15	24.5	6.9	11.0	38.0
Non-smoker	95	22.0	2.5	17.2	26.9
Health Insurance Status					
Insured	108	23.6	2.5	18.8	28.4
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,148	49.7	0.8	48.2	51.2
Butler County	58	50.2	5.5	39.4	61.0
Gender					
Men	*	*	*	*	*
Women	34	47.3	7.5	32.6	62.0
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	26	50.3	7.9	34.8	65.8
65 Years and Older	24	41.8	8.2	25.7	57.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	55	48.8	5.6	37.8	59.8
Race					
White	56	51.2	5.7	40.0	62.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	42	52.8	6.2	40.7	64.9
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	32	50.7	7.1	36.8	64.6
Disability Status					
Living with a Disability†	35	64.1	7.7	49.0	79.1
Living without a Disability	20	38.6	8.1	22.8	54.4

	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)	24	49.3	8.3	33.0	65.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	32	52.2	7.4	37.7	66.7
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	44	44.4	5.9	32.9	55.8
Health Insurance Status					
Insured	52	48.4	5.7	37.3	59.6
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,901	9.1	0.3	8.6	9.6
Butler County	31	7.3	1.5	4.4	10.1
Gender					
Men	*	*	*	*	*
Women	21	8.7	2.1	4.5	12.8
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	30	7.1	1.4	4.3	9.9
Race					
White	29	7.2	1.5	4.3	10.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	22	7.4	1.7	4.1	10.8
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	16	6.6	1.8	3.1	10.1
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	17	5.7	1.6	2.7	8.8

	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	16	6.3	1.7	2.9	9.7
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	24	7.1	1.6	3.9	10.3
Health Insurance Status					
Insured	25	6.8	1.5	3.9	9.7
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

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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,030	7.1	0.2	6.7	7.4
Butler County	30	7.4	1.6	4.2	10.7
Gender					
Men	*	*	*	*	*
Women	21	10.6	2.6	5.4	15.8
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	14	11.1	3.3	4.7	17.5
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	29	7.5	1.7	4.2	10.8
Race					
White	29	7.7	1.7	4.3	11.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	20	6.2	1.6	3.0	9.4
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	17	5.7	1.7	2.4	9.1

	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)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	18	6.2	1.8	2.7	9.7
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	22	5.6	1.5	2.7	8.4
Health Insurance Status					
Insured	28	7.6	1.8	4.1	11.0
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,960	6.3	0.2	5.9	6.6
Butler County	36	7.3	1.5	4.4	10.2
Gender					
Men	18	8.4	2.3	3.8	13.0
Women	18	6.2	1.8	2.7	9.7
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	22	20.8	4.8	11.5	30.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	36	7.6	1.5	4.6	10.7
Race					
White	34	7.5	1.5	4.5	10.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	30	7.6	1.6	4.6	10.7
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	23	7.5	1.7	4.2	10.9
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	21	5.4	1.3	2.7	8.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	9.4	2.7	4.1	14.7
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	25	6.5	1.5	3.6	9.4
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	27	6.5	1.4	3.7	9.2
Health Insurance Status					
Insured	36	8.4	1.7	5.1	11.7
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 Angina or Coronary Heart Disease, 2017

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,154	4.0	0.1	3.7	4.3
Butler County	20	5.0	1.3	2.4	7.6
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	20	5.2	1.4	2.5	8.0
Race					
White	19	5.1	1.4	2.4	7.9
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	5.6	1.6	2.4	8.8
Health Insurance Status					
Insured	18	5.1	1.5	2.2	7.9
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,757	32.8	0.4	32.0	33.5
Butler County	185	39.4	2.8	33.8	45.0
Gender					
Men	83	40.9	4.2	32.7	49.2
Women	102	37.8	3.8	30.3	45.4
Age Group					
18 to 44 Years	26	21.7	4.2	13.5	29.8
45 to 64 Years	79	46.8	4.3	38.3	55.3
65 Years and Older	77	69.0	5.3	58.6	79.5
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	179	39.6	2.9	33.9	45.3
Race					
White	175	39.7	2.9	33.9	45.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	52	42.6	5.7	31.4	53.7
Some College or College Graduate	132	37.8	3.2	31.5	44.1
Annual Household Income					
Less than \$35,000 per Year	43	40.9	6.3	28.5	53.2
\$35,000 or Higher per Year	108	38.8	3.6	31.8	45.7
Disability Status					
Living with a Disability†	61	55.5	5.8	44.0	66.9
Living without a Disability	113	33.8	3.3	27.4	40.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	40	28.2	5.0	18.5	38.0
Overweight (25 ≤ BMI < 30)	57	38.2	4.9	28.5	47.8
Obese (BMI ≥ 30)	75	53.6	5.1	43.5	63.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	117	37.7	3.5	30.9	44.6
Does not participate in leisure time physical activity	49	41.0	5.6	30.0	51.9
Smoking Status					
Current smoker	21	32.1	7.3	17.8	46.4
Non-smoker	154	40.5	3.2	34.3	46.7
Health Insurance Status					
Insured	171	41.8	3.1	35.8	47.8
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 ‡**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,246	15.2	0.4	14.5	15.9
Butler County	53	18.3	2.6	13.1	23.4
Gender					
Men	27	22.2	4.2	14.0	30.4
Women	26	14.5	3.1	8.4	20.5
Age Group					
18 to 44 Years	26	27.2	4.9	17.5	36.9
45 to 64 Years	20	13.6	3.4	6.9	20.3
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	52	18.8	2.7	13.4	24.1
Race					
White	51	18.6	2.7	13.3	23.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	42	17.8	2.8	12.3	23.3
Annual Household Income					
Less than \$35,000 per Year	16	26.1	6.7	13.0	39.3
\$35,000 or Higher per Year	30	17.1	3.2	10.8	23.4
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	39	19.5	3.2	13.3	25.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	19	18.9	4.2	10.7	27.1
Obese (BMI ≥ 30)	14	13.2	3.8	5.8	20.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	34	16.7	3.1	10.7	22.7
Does not participate in leisure time physical activity	15	23.0	5.9	11.5	34.6
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	40	16.0	2.6	11.0	21.0
Health Insurance Status					
Insured	43	16.1	2.7	10.9	21.3
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 ‡

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,314	34.1	0.4	33.2	34.9
Butler County	132	35.1	3.1	29.1	41.1
Gender					
Men	53	32.4	4.5	23.6	41.3
Women	79	37.6	4.2	29.4	45.8
Age Group					
18 to 44 Years	17	22.6	5.3	12.1	33.1
45 to 64 Years	61	38.3	4.4	29.6	47.0
65 Years and Older	52	52.0	6.1	40.0	64.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	131	36.6	3.2	30.3	42.8
Race					
White	124	35.0	3.2	28.8	41.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	33	38.7	6.7	25.6	51.8
Some College or College Graduate	98	33.6	3.4	27.0	40.2
Annual Household Income					
Less than \$35,000 per Year	33	41.8	7.2	27.6	56.0
\$35,000 or Higher per Year	80	33.2	3.7	25.9	40.4
Disability Status					
Living with a Disability†	43	50.0	6.3	37.6	62.4
Living without a Disability	84	31.4	3.5	24.4	38.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	26	30.0	6.1	17.9	42.0
Overweight (25 ≤ BMI < 30)	44	33.5	5.3	23.1	44.0
Obese (BMI ≥ 30)	57	45.4	5.5	34.6	56.2
Leisure Time Physical Activity					
Participates in leisure time physical activity	87	36.5	3.8	29.0	44.0
Does not participate in leisure time physical activity	37	37.9	6.2	25.7	50.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	110	34.6	3.4	28.0	41.2
Health Insurance Status					
Insured	125	36.2	3.2	29.9	42.6
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,644	6.4	0.2	6.0	6.8
Butler County	20	3.0	0.8	1.5	4.5
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	20	3.1	0.8	1.5	4.7
Race					
White	16	2.6	0.8	1.1	4.1
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†	15	9.9	2.9	4.3	15.5
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	18	3.1	0.9	1.4	4.8
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,374	20.9	0.4	20.2	21.6
Butler County	88	22.6	2.5	17.7	27.5
Gender					
Men	34	20.0	3.5	13.1	26.9
Women	54	25.1	3.5	18.2	32.0
Age Group					
18 to 44 Years	28	24.4	4.4	15.9	32.9
45 to 64 Years	41	23.3	3.6	16.3	30.3
65 Years and Older	17	15.5	4.2	7.3	23.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	86	23.2	2.6	18.1	28.2
Race					
White	82	22.5	2.6	17.4	27.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	26	25.4	5.1	15.4	35.3
Some College or College Graduate	62	21.3	2.8	15.9	26.7
Annual Household Income					
Less than \$35,000 per Year	27	35.9	6.3	23.7	48.2
\$35,000 or Higher per Year	49	19.9	3.0	14.0	25.9
Disability Status					
Living with a Disability†	41	42.0	5.8	30.6	53.3
Living without a Disability	42	15.3	2.6	10.3	20.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	20	19.0	4.3	10.4	27.5
Overweight (25 ≤ BMI < 30)	18	13.6	3.5	6.8	20.4
Obese (BMI ≥ 30)	41	34.9	5.0	25.0	44.8
Leisure Time Physical Activity					
Participates in leisure time physical activity	49	20.6	3.1	14.6	26.7
Does not participate in leisure time physical activity	32	28.9	5.0	19.1	38.6
Smoking Status					
Current smoker	20	31.3	7.3	17.0	45.6
Non-smoker	63	20.3	2.7	15.0	25.5
Health Insurance Status					
Insured	73	20.6	2.6	15.6	25.6
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,844	10.5	0.2	10.0	11.0
Butler County	50	9.9	1.6	6.9	13.0
Gender					
Men	20	8.0	1.9	4.3	11.7
Women	30	11.9	2.5	7.0	16.8
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	22	12.0	2.6	6.8	17.2
65 Years and Older	23	23.1	5.1	13.1	33.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	47	9.2	1.5	6.3	12.1
Race					
White	47	10.0	1.6	6.8	13.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	37	10.2	1.9	6.6	13.9
Annual Household Income					
Less than \$35,000 per Year	17	13.1	3.6	6.2	20.1
\$35,000 or Higher per Year	24	7.7	1.7	4.3	11.1
Disability Status					
Living with a Disability†	26	20.2	4.2	11.9	28.4
Living without a Disability	24	6.9	1.6	3.8	10.1

	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)	27	16.8	3.4	10.1	23.5
Leisure Time Physical Activity					
Participates in leisure time physical activity	32	8.9	1.8	5.4	12.4
Does not participate in leisure time physical activity	16	14.7	3.9	7.1	22.4
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	45	11.3	1.9	7.6	14.9
Health Insurance Status					
Insured	46	10.3	1.7	7.0	13.7
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†

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,832	25.9	0.4	25.2	26.7
Butler County	105	26.6	2.7	21.3	31.8
Gender					
Men	53	29.3	4.1	21.4	37.3
Women	52	23.8	3.4	17.1	30.6
Age Group					
18 to 44 Years	23	20.2	4.1	12.3	28.2
45 to 64 Years	38	25.3	4.1	17.4	33.2
65 Years and Older	43	46.3	6.1	34.2	58.3
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	98	25.4	2.7	20.1	30.6
Race					
White	98	26.5	2.7	21.2	31.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	37	37.5	5.9	25.9	49.1
Some College or College Graduate	68	21.7	2.7	16.4	27.1
Annual Household Income					
Less than \$35,000 per Year	40	51.1	6.6	38.1	64.2
\$35,000 or Higher per Year	48	18.8	2.9	13.1	24.5
Weight Category					
Normal or Underweight (BMI < 25)	31	28.7	5.4	18.2	39.2
Overweight (25 ≤ BMI < 30)	28	20.1	3.9	12.4	27.8
Obese (BMI ≥ 30)	43	35.8	5.0	25.9	45.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	56	20.1	2.9	14.5	25.8
Does not participate in leisure time physical activity	44	44.8	5.8	33.4	56.2
Smoking Status					
Current smoker	22	37.6	7.9	22.2	53.1
Non-smoker	81	23.8	2.8	18.4	29.2
Health Insurance Status					
Insured	91	25.8	2.8	20.3	31.4
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	15,354	81.0	0.4	80.3	81.7
Butler County	297	84.9	2.2	80.5	89.3
Gender					
Men	131	84.7	3.3	78.3	91.2
Women	166	85.0	3.1	79.0	91.1
Age Group					
18 to 44 Years	82	84.2	4.0	76.3	92.0
45 to 64 Years	134	87.2	2.9	81.6	92.9
65 Years and Older	80	81.3	4.9	71.8	90.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	286	84.3	2.3	79.7	88.8
Race					
White	278	84.7	2.3	80.1	89.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	214	82.1	2.7	76.8	87.4
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	183	81.8	3.0	75.8	87.8
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	213	84.0	2.6	79.0	89.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	76	76.4	5.3	66.1	86.8
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	99	85.3	3.9	77.6	93.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	247	82.7	2.6	77.6	87.8
Health Insurance Status					
Insured	267	82.9	2.5	78.0	87.8
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,754	41.2	0.5	40.3	42.1
Butler County	160	43.4	3.1	37.3	49.6
Gender					
Men	65	41.8	4.6	32.8	50.8
Women	95	45.0	4.3	36.6	53.3
Age Group					
18 to 44 Years	41	38.5	5.2	28.3	48.7
45 to 64 Years	72	48.4	4.6	39.4	57.4
65 Years and Older	46	44.3	6.2	32.1	56.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	153	42.5	3.2	36.3	48.7
Race					
White	152	43.1	3.2	36.8	49.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	44	43.8	6.3	31.4	56.3
Some College or College Graduate	116	43.3	3.5	36.3	50.2
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	96	40.0	3.8	32.6	47.4
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	101	36.0	3.5	29.2	42.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	34	35.5	5.9	23.9	47.1
Overweight (25 ≤ BMI < 30)	54	45.3	5.4	34.7	55.9
Obese (BMI ≥ 30)	61	49.3	5.4	38.7	59.9
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	133	41.9	3.3	35.4	48.5
Health Insurance Status					
Insured	145	44.5	3.3	38.0	50.9
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,721	27.9	0.4	27.1	28.7
Butler County	106	27.4	2.7	22.1	32.7
Gender					
Men	42	26.1	4.0	18.2	33.9
Women	64	28.7	3.7	21.4	36.0
Age Group					
18 to 44 Years	24	21.6	4.2	13.3	29.9
45 to 64 Years	45	30.4	4.3	22.1	38.8
65 Years and Older	36	35.5	5.9	23.8	47.2
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	101	26.8	2.8	21.4	32.2
Race					
White	101	27.2	2.8	21.8	32.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	32	30.9	5.7	19.8	42.0
Some College or College Graduate	74	25.9	3.1	19.9	31.9
Annual Household Income					
Less than \$35,000 per Year	33	40.1	6.6	27.2	53.1
\$35,000 or Higher per Year	58	23.7	3.2	17.4	29.9
Disability Status					
Living with a Disability†	44	45.9	6.0	34.2	57.6
Living without a Disability	62	20.8	2.8	15.3	26.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	23	23.2	5.2	13.0	33.4
Overweight (25 ≤ BMI < 30)	29	24.2	4.6	15.3	33.2
Obese (BMI ≥ 30)	48	34.6	4.9	25.0	44.1
Smoking Status					
Current smoker	17	29.4	7.8	14.2	44.6
Non-smoker	88	26.7	2.9	21.0	32.3
Health Insurance Status					
Insured	95	27.9	2.9	22.2	33.6
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‡**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,946	37.5	0.4	36.7	38.4
Butler County	137	41.4	3.1	35.3	47.6
Gender					
Men	76	51.2	4.7	42.1	60.3
Women	61	32.6	4.0	24.8	40.5
Age Group					
18 to 44 Years	46	47.8	5.3	37.4	58.3
45 to 64 Years	58	38.5	4.5	29.7	47.3
65 Years and Older	32	31.1	5.5	20.3	41.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	130	41.2	3.2	34.9	47.5
Race					
White	126	41.5	3.2	35.2	47.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	41	47.7	6.4	35.2	60.2
Some College or College Graduate	96	38.8	3.5	31.9	45.7
Annual Household Income					
Less than \$35,000 per Year	34	44.2	6.8	30.8	57.6
\$35,000 or Higher per Year	93	45.1	3.9	37.6	52.7
Disability Status					
Living with a Disability†	38	41.1	6.0	29.2	52.9
Living without a Disability	98	41.7	3.7	34.4	48.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	32	36.5	6.1	24.6	48.4
Overweight (25 ≤ BMI < 30)	45	44.6	5.4	33.9	55.2
Obese (BMI ≥ 30)	54	45.4	5.3	35.0	55.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	94	41.5	3.8	34.1	48.9
Does not participate in leisure time physical activity	41	41.0	5.8	29.6	52.3
Smoking Status					
Current smoker	28	61.3	8.1	45.4	77.2
Non-smoker	109	37.9	3.3	31.5	44.4
Health Insurance Status					
Insured	128	43.0	3.3	36.5	49.5
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‡**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,049	17.3	0.4	16.6	18.0
Butler County	38	11.1	2.0	7.1	15.0
Gender					
Men	20	12.2	3.1	6.0	18.4
Women	18	10.0	2.5	5.0	15.0
Age Group					
18 to 44 Years	13	13.0	3.7	5.8	20.2
45 to 64 Years	16	11.0	2.8	5.5	16.5
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	36	10.8	2.0	6.8	14.8
Race					
White	34	11.1	2.1	7.0	15.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	26	10.2	2.2	6.0	14.5
Annual Household Income					
Less than \$35,000 per Year	13	16.8	5.0	7.0	26.7
\$35,000 or Higher per Year	20	10.3	2.5	5.4	15.3
Disability Status					
Living with a Disability†	14	19.0	5.5	8.3	29.8
Living without a Disability	23	8.4	1.9	4.7	12.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	13	12.4	3.6	5.4	19.4
Obese (BMI ≥ 30)	15	15.1	4.2	6.9	23.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	29	11.9	2.5	7.0	16.8
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	30	10.5	2.2	6.2	14.8
Health Insurance Status					
Insured	35	11.2	2.2	7.0	15.4
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,969	12.5	0.3	11.8	13.1
Butler County	40	12.9	2.1	8.7	17.0
Gender					
Men	23	16.1	3.3	9.7	22.6
Women	17	9.6	2.6	4.4	14.8
Age Group					
18 to 44 Years	22	20.1	4.0	12.2	27.9
45 to 64 Years	15	8.8	2.5	3.9	13.8
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	37	12.6	2.2	8.4	16.9
Race					
White	35	12.2	2.2	8.0	16.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	17	20.3	4.8	10.8	29.7
Some College or College Graduate	23	9.4	2.1	5.4	13.5
Annual Household Income					
Less than \$35,000 per Year	18	25.1	5.8	13.8	36.4
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	14	14.7	4.0	6.9	22.5
Living without a Disability	23	11.5	2.5	6.5	16.4

	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)	16	13.4	3.5	6.5	20.3
Leisure Time Physical Activity					
Participates in leisure time physical activity	23	12.8	2.7	7.5	18.2
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	29	11.3	2.2	6.9	15.7

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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,830	15.3	0.4	14.5	16.1
Butler County	37	15.0	2.5	10.1	19.9
Gender					
Men	21	17.7	3.7	10.4	24.9
Women	16	12.0	3.3	5.5	18.5
Age Group					
18 to 44 Years	22	20.1	4.0	12.2	27.9
45 to 64 Years	15	8.8	2.5	3.9	13.8
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	35	14.8	2.6	9.8	19.9
Race					
White	33	14.5	2.6	9.4	19.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	16	25.5	6.0	13.8	37.2
Some College or College Graduate	21	10.4	2.4	5.7	15.1
Annual Household Income					
Less than \$35,000 per Year	16	28.1	6.7	14.9	41.2
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	13	19.8	5.5	9.1	30.5
Living without a Disability	21	12.6	2.9	7.0	18.2

	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)	14	14.7	4.1	6.7	22.7
Leisure Time Physical Activity					
Participates in leisure time physical activity	23	15.1	3.2	8.9	21.3
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	26	13.2	2.7	7.9	18.5

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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,646	22.4	0.4	21.7	23.2
Butler County	40	15.5	2.5	10.6	20.4
Gender					
Men	26	22.2	4.2	14.0	30.3
Women	14	8.7	2.5	3.9	13.6
Age Group					
18 to 44 Years	27	27.9	4.8	18.5	37.3
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	36	14.6	2.5	9.6	19.5
Race					
White	37	15.6	2.6	10.5	20.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	16	25.4	5.8	14.0	36.8
Some College or College Graduate	24	10.8	2.3	6.4	15.3
Annual Household Income					
Less than \$35,000 per Year	13	21.4	5.6	10.4	32.3
\$35,000 or Higher per Year	15	10.4	2.9	4.8	16.1
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	25	13.8	2.9	8.1	19.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	15	18.6	4.6	9.5	27.6
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	23	13.4	3.0	7.5	19.3
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	27	12.7	2.5	7.7	17.6
Health Insurance Status					
Insured	26	11.4	2.4	6.6	16.2
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,144	12.1	0.3	11.5	12.7
Butler County	39	12.5	2.1	8.3	16.7
Gender					
Men	17	12.0	3.1	6.0	18.0
Women	22	12.9	3.0	7.0	18.8
Age Group					
18 to 44 Years	16	15.2	3.8	7.7	22.7
45 to 64 Years	20	13.8	3.2	7.5	20.2
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	38	12.8	2.2	8.5	17.2
Race					
White	36	12.5	2.2	8.1	16.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	15	16.9	4.6	7.9	25.9
Some College or College Graduate	24	10.4	2.3	5.9	14.8
Annual Household Income					
Less than \$35,000 per Year	17	27.5	6.2	15.5	39.6
\$35,000 or Higher per Year	*	*	*	*	*
Disability Status					
Living with a Disability†	16	18.2	4.8	8.8	27.6
Living without a Disability	21	10.1	2.4	5.4	14.8

	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)	13	15.3	4.4	6.7	23.9
Leisure Time Physical Activity					
Participates in leisure time physical activity	25	13.4	2.9	7.8	19.0
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	26	10.4	2.2	6.0	14.8
Health Insurance Status					
Insured	24	8.8	2.0	4.9	12.8
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,766	16.7	0.3	16.0	17.3
Butler County	69	17.6	2.3	13.0	22.1
Gender					
Men	36	20.5	3.6	13.4	27.5
Women	33	14.6	2.9	8.9	20.3
Age Group					
18 to 44 Years	20	17.5	3.8	10.1	25.0
45 to 64 Years	27	17.8	3.6	10.7	24.9
65 Years and Older	21	17.0	4.5	8.2	25.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	66	17.3	2.3	12.7	21.9
Race					
White	65	17.7	2.4	13.0	22.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	27	26.2	5.1	16.2	36.3
Some College or College Graduate	42	13.5	2.4	8.9	18.1
Annual Household Income					
Less than \$35,000 per Year	29	38.3	6.5	25.6	51.0
\$35,000 or Higher per Year	27	11.7	2.5	6.7	16.7
Disability Status					
Living with a Disability†	46	42.7	5.8	31.4	54.0
Living without a Disability	19	8.5	2.2	4.1	12.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	20	20.1	5.0	10.3	29.9
Overweight (25 ≤ BMI < 30)	18	15.0	3.9	7.4	22.6
Obese (BMI ≥ 30)	27	22.0	4.3	13.6	30.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	31	11.3	2.3	6.8	15.8
Does not participate in leisure time physical activity	32	33.4	5.7	22.2	44.6
Smoking Status					
Current smoker	16	27.9	7.4	13.5	42.3
Non-smoker	50	15.2	2.4	10.5	19.9
Health Insurance Status					
Insured	60	17.3	2.5	12.4	22.2
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,574	11.3	0.3	10.8	11.8
Butler County	51	11.8	1.8	8.3	15.3
Gender					
Men	25	12.3	2.7	7.1	17.6
Women	26	11.3	2.4	6.5	16.0
Age Group					
18 to 44 Years	13	9.3	2.6	4.1	14.5
45 to 64 Years	23	13.9	3.0	8.0	19.8
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	48	11.6	1.8	8.0	15.2
Race					
White	44	11.1	1.8	7.5	14.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	19	15.3	3.7	8.0	22.7
Some College or College Graduate	32	10.2	2.0	6.2	14.1
Annual Household Income					
Less than \$35,000 per Year	26	29.8	5.7	18.6	41.0
\$35,000 or Higher per Year	18	7.4	1.9	3.5	11.2
Disability Status					
Living with a Disability†	36	34.8	5.5	24.0	45.5
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	15	13.1	3.5	6.2	20.7
Overweight (25 ≤ BMI < 30)	16	11.5	3.2	5.2	17.8
Obese (BMI ≥ 30)	19	14.5	3.5	7.6	21.4
Leisure Time Physical Activity					
Participates in leisure time physical activity	21	7.3	1.8	3.8	10.8
Does not participate in leisure time physical activity	26	23.2	4.7	14.0	32.4
Smoking Status					
Current smoker	14	18.7	5.5	7.9	29.6
Non-smoker	34	10.2	1.9	6.5	14.0
Health Insurance Status					
Insured	43	11.1	1.9	7.4	14.8
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,163	11.4	0.3	10.8	12.0
Butler County	54	14.5	2.1	10.5	18.6
Gender					
Men	25	12.9	2.7	7.6	18.2
Women	29	16.2	3.1	10.1	22.4
Age Group					
18 to 44 Years	22	16.5	3.5	9.7	23.3
45 to 64 Years	21	14.2	3.2	7.9	20.4
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	52	14.8	2.1	10.6	19.0
Race					
White	48	14.0	2.1	9.9	18.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	19	19.4	4.5	10.5	28.2
Some College or College Graduate	35	12.3	2.2	8.0	16.5
Annual Household Income					
Less than \$35,000 per Year	21	29.1	6.0	17.4	40.7
\$35,000 or Higher per Year	25	10.6	2.2	6.2	15.0
Disability Status					
Living with a Disability†	31	31.3	5.3	20.9	41.7
Living without a Disability	20	8.9	2.1	4.7	13.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	15	14.6	3.8	7.1	22.0
Overweight (25 ≤ BMI < 30)	14	12.2	3.4	5.5	18.9
Obese (BMI ≥ 30)	21	17.9	4.0	10.1	25.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	28	13.1	2.5	8.1	18.1
Does not participate in leisure time physical activity	21	18.9	4.3	10.5	27.3
Smoking Status					
Current smoker	14	22.0	6.4	9.4	34.6
Non-smoker	36	12.8	2.2	8.5	17.1
Health Insurance Status					
Insured	43	11.9	1.9	8.1	15.7
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,399	40.8	0.6	39.6	42.0
Butler County	79	36.3	3.8	28.7	43.8
Gender					
Men	28	32.1	5.7	20.8	43.3
Women	51	39.9	5.1	29.8	50.0
Age Group					
18 to 44 Years	22	27.8	5.6	16.9	38.7
45 to 64 Years	40	48.5	6.1	36.7	60.4
65 Years and Older	16	30.6	7.8	15.4	45.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	77	37.1	4.0	29.3	44.8
Race					
White	73	36.3	4.0	28.5	44.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	27	52.6	8.1	36.8	68.4
Some College or College Graduate	52	29.5	4.0	21.6	37.4
Annual Household Income					
Less than \$35,000 per Year	31	57.7	7.6	42.8	72.6
\$35,000 or Higher per Year	40	29.8	4.5	20.9	38.7
Disability Status					
Living with a Disability†	41	50.6	6.9	37.0	64.3
Living without a Disability	35	28.3	4.6	19.3	37.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	23	37.9	7.6	22.9	52.8
Overweight (25 ≤ BMI < 30)	19	33.2	6.8	19.8	46.6
Obese (BMI ≥ 30)	31	34.9	6.0	23.2	46.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	46	33.0	4.6	24.0	42.0
Does not participate in leisure time physical activity	27	45.7	7.8	30.4	61.1
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	56	31.4	4.1	23.5	39.4
Health Insurance Status					
Insured	67	35.4	4.1	27.4	43.4
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	11,141	61.6	0.4	60.7	62.4
Butler County	208	61.9	3.0	56.0	67.8
Gender					
Men	105	69.6	4.1	61.6	77.6
Women	103	54.5	4.2	46.2	62.8
Age Group					
18 to 44 Years	76	72.2	4.7	63.0	81.5
45 to 64 Years	95	60.1	4.5	51.3	68.9
65 Years and Older	37	39.5	6.1	27.5	51.5
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	200	61.5	3.1	55.5	67.5
Race					
White	193	61.6	3.1	55.6	67.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	60	67.6	5.9	56.0	79.1
Some College or College Graduate	148	59.5	3.4	52.8	66.2
Annual Household Income					
Less than \$35,000 per Year	45	63.7	6.7	50.6	76.8
\$35,000 or Higher per Year	136	62.4	3.6	55.2	69.5
Disability Status					
Living with a Disability†	53	60.7	5.8	49.3	72.0
Living without a Disability	154	62.4	3.5	55.5	69.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	56	56.7	6.1	44.7	68.6
Overweight (25 ≤ BMI < 30)	68	63.6	5.2	53.4	73.7
Obese (BMI ≥ 30)	69	65.1	4.8	55.7	74.5
Leisure Time Physical Activity					
Participates in leisure time physical activity	139	58.0	3.6	50.9	65.1
Does not participate in leisure time physical activity	69	72.0	5.2	61.8	82.2
Smoking Status					
Current smoker	34	64.9	8.2	48.7	81.0
Non-smoker	173	61.2	3.2	54.9	67.5
Health Insurance Status					
Insured	182	59.9	3.2	53.6	66.1
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,774	44.0	0.7	42.5	45.4
Butler County	37	39.5	6.1	27.5	51.5
Gender					
Men	*	*	*	*	*
Women	24	40.7	8.3	24.6	56.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	35	36.3	5.9	24.8	47.7
Race					
White	35	39.2	6.3	26.9	51.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	26	40.2	6.6	27.2	53.2
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	22	37.8	7.9	22.4	53.2
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	<i>20</i>	<i>27.6</i>	<i>6.3</i>	<i>15.3</i>	<i>39.8</i>
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	<i>32</i>	<i>38.0</i>	<i>6.4</i>	<i>25.5</i>	<i>50.5</i>
Health Insurance Status					
Insured	<i>34</i>	<i>37.4</i>	<i>6.2</i>	<i>25.2</i>	<i>49.6</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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,472	23.5	0.6	22.2	24.8
Butler County	27	22.7	4.5	13.8	31.6
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	25	22.1	4.6	13.2	31.0
Race					
White	23	21.0	4.5	12.2	29.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	20	28.1	5.9	16.6	39.6
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	17	27.3	6.8	14.0	40.6
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	17	22.7	5.7	11.6	33.8
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	20	18.6	4.3	10.2	27.1
Health Insurance Status					
Insured	24	20.0	4.3	11.6	28.5
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,294	16.6	0.3	16.0	17.3
Butler County	55	16.6	2.4	12.0	21.3
Gender					
Men	36	21.4	3.7	14.2	28.6
Women	19	12.0	3.0	6.0	18.0
Age Group					
18 to 44 Years	20	20.8	4.4	12.1	29.4
45 to 64 Years	21	13.6	3.1	7.5	19.6
65 Years and Older	14	12.9	3.5	5.9	19.8
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	54	17.0	2.5	12.2	21.8
Race					
White	53	17.1	2.5	12.3	22.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	15	17.7	4.6	8.6	26.8
Some College or College Graduate	40	16.1	2.8	10.8	21.5
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	37	16.9	2.9	11.3	22.5
Disability Status					
Living with a Disability†	16	14.2	3.8	6.7	21.7
Living without a Disability	39	17.7	2.9	11.9	23.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	18	16.8	4.1	8.8	24.8
Obese (BMI ≥ 30)	23	21.3	4.5	12.4	30.2
Leisure Time Physical Activity					
Participates in leisure time physical activity	39	18.7	3.0	12.8	24.6
Does not participate in leisure time physical activity	16	11.2	3.2	4.8	17.6
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	47	16.4	2.5	11.5	21.4
Health Insurance Status					
Insured	49	15.5	2.4	10.9	20.2
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,145	17.4	0.4	16.7	18.1
Butler County	56	16.5	2.5	11.7	21.3
Gender					
Men	27	18.1	3.9	10.5	25.7
Women	29	14.9	3.0	9.0	20.9
Age Group					
18 to 44 Years	18	16.1	4.0	8.2	24.0
45 to 64 Years	28	21.4	4.1	13.3	29.5
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	55	16.7	2.5	11.7	21.6
Race					
White	47	15.7	2.5	10.7	20.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	23	26.6	5.8	15.3	38.0
Some College or College Graduate	33	12.0	2.3	7.5	16.5
Annual Household Income					
Less than \$35,000 per Year	18	27.9	6.4	15.3	40.5
\$35,000 or Higher per Year	31	13.5	2.8	8.0	18.9
Disability Status					
Living with a Disability†	22	23.9	5.2	13.7	34.2
Living without a Disability	34	14.0	2.8	8.6	19.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	17	14.6	4.3	6.3	23.0
Overweight (25 ≤ BMI < 30)	21	20.9	4.6	11.9	29.9
Obese (BMI ≥ 30)	14	12.6	3.6	5.6	19.6
Leisure Time Physical Activity					
Participates in leisure time physical activity	36	15.5	2.9	9.9	21.1
Does not participate in leisure time physical activity	17	17.4	4.9	7.9	26.9
Health Insurance Status					
Insured	49	15.7	2.6	10.7	20.8
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 Stopped Smoking for One Day or Longer Because
They Were Trying to Quit Smoking, 2017**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,708	57.1	1.1	54.9	59.2
Butler County	29	51.0	8.4	34.7	67.4
Gender					
Men	*	*	*	*	*
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	29	52.7	8.5	36.0	69.4
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	*	*	*	*	*
Health Insurance Status					
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,011	5.5	0.2	5.1	5.9
Butler County	22	8.3	1.9	4.5	12.0
Gender					
Men	22	16.6	3.6	9.5	23.8
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	22	8.6	2.0	4.7	12.5
Race					
White	21	8.4	2.0	4.5	12.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	12	5.3	1.5	2.2	8.3
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	14	9.3	2.7	4.1	14.5
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	14	8.3	2.4	3.6	13.0

	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	15	7.6	2.2	3.2	12.1
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	21	8.6	1.9	4.8	12.3
Health Insurance Status					
Insured	20	8.7	2.1	4.5	12.8
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	919	10.1	0.4	9.4	10.9
Butler County	22	16.6	3.6	9.5	23.8
Age Group					
18 to 44 Years	11	21.6	6.2	9.5	33.7
45 to 64 Years	*	*	*	*	*
65 Years and Older	*	*	*	*	*
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	22	17.4	3.8	10.0	24.8
Race					
White	21	17.0	3.8	9.5	24.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	12	11.2	3.2	5.0	17.5
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	14	17.7	4.7	8.4	26.9
Disability Status					
Living with a Disability†	*	*	*	*	*
Living without a Disability	14	17.4	4.7	8.3	26.6
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	15	15.3	4.3	7.0	23.7
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	21	17.5	3.7	10.3	24.8
Health Insurance Status					
Insured	20	17.9	4.1	9.9	26.0
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**

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,748	10.9	0.2	10.4	11.4
Butler County	45	9.7	1.6	6.5	12.8
Gender					
Men	36	13.9	2.5	8.9	18.8
Women	*	*	*	*	*
Age Group					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	16	9.2	2.5	4.4	14.0
65 Years and Older	20	18.7	4.3	10.4	27.1
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	38	8.4	1.5	5.4	11.4
Race					
White	40	9.2	1.6	6.0	12.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	37	10.4	1.8	6.8	14.0
Annual Household Income					
Less than \$35,000 per Year	*	*	*	*	*
\$35,000 or Higher per Year	26	8.2	1.7	4.8	11.6
Disability Status					
Living with a Disability†	19	13.9	3.5	7.1	20.8
Living without a Disability	24	8.3	1.9	4.6	12.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Weight Category					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	18	11.6	3.0	5.8	17.4
Obese (BMI ≥ 30)	*	*	*	*	*
Leisure Time Physical Activity					
Participates in leisure time physical activity	33	10.3	2.0	6.4	14.2
Does not participate in leisure time physical activity	*	*	*	*	*
Smoking Status					
Current smoker	*	*	*	*	*
Non-smoker	36	8.7	1.6	5.6	11.8
Health Insurance Status					
Insured	41	9.4	1.6	6.2	12.5
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,551	32.3	0.4	31.5	33.2
Butler County	130	37.8	3.0	31.9	43.7
Gender					
Men	54	32.7	4.1	24.7	40.8
Women	76	43.4	4.4	34.8	51.9
Age Group					
18 to 44 Years	38	37.4	5.1	27.3	47.5
45 to 64 Years	58	41.5	4.5	32.6	50.4
65 Years and Older	34	31.1	5.4	20.6	41.6
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	124	37.3	3.1	31.3	43.4
Race					
White	123	38.1	3.1	32.0	44.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	36	38.4	5.9	26.8	50.1
Some College or College Graduate	94	37.5	3.5	30.7	44.3
Annual Household Income					
Less than \$35,000 per Year	34	39.9	6.5	27.2	52.6
\$35,000 or Higher per Year	83	38.9	3.7	31.6	46.2
Disability Status					
Living with a Disability†	43	48.2	5.9	36.6	59.8
Living without a Disability	85	34.5	3.5	27.6	41.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	77	35.2	3.7	28.0	42.4
Does not participate in leisure time physical activity	48	48.0	6.0	36.4	59.7
Smoking Status					
Current smoker	14	29.9	7.6	14.9	44.9
Non-smoker	113	39.5	3.3	33.0	46.0
Health Insurance Status					
Insured	114	37.2	3.2	30.9	43.4
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

Butler County

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	13,706	67.2	0.4	66.3	68.0
Butler County	257	72.3	2.7	66.9	77.7
Gender					
Men	139	78.7	3.7	71.5	86.0
Women	118	65.1	4.1	57.2	73.1
Age Group					
18 to 44 Years	78	73.1	4.6	64.2	82.0
45 to 64 Years	111	75.0	4.0	67.3	82.8
65 Years and Older	67	64.3	5.9	52.7	75.9
Ethnicity					
Hispanic	*	*	*	*	*
Non-Hispanic	245	72.0	2.8	66.6	77.5
Race					
White	242	72.4	2.8	66.9	77.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
Education					
High School Graduate or Less	64	69.1	5.5	58.3	79.9
Some College or College Graduate	193	73.7	3.1	67.6	79.8
Annual Household Income					
Less than \$35,000 per Year	53	63.0	6.5	50.2	75.8
\$35,000 or Higher per Year	173	75.7	3.2	69.5	82.0
Disability Status					
Living with a Disability†	71	72.0	5.3	61.6	82.4
Living without a Disability	177	72.2	3.3	65.8	78.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Leisure Time Physical Activity					
Participates in leisure time physical activity	165	69.5	3.4	62.8	76.2
Does not participate in leisure time physical activity	77	76.3	5.3	65.9	86.6
Smoking Status					
Current smoker	35	74.1	7.2	60.0	88.1
Non-smoker	214	71.3	3.0	65.3	77.2
Health Insurance Status					
Insured	230	72.0	2.9	66.3	77.6
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>