

# 2017 Kansas Behavioral Risk Factor Surveillance System Local Data

East Central Kansas Public Health Coalition



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

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

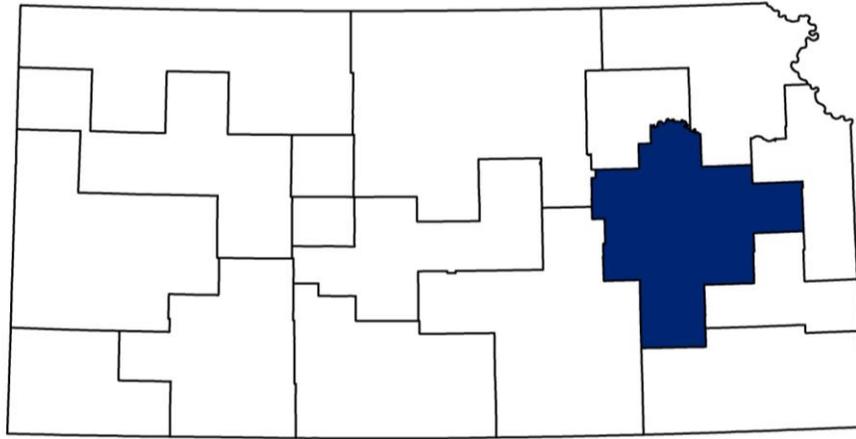
## **Mission**

To protect and improve the health and environment of all Kansans

## **Vision**

Healthy Kansans living in safe and sustainable environments

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



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

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

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## Percentage of Adults Who Are Binge Drinkers, 2017

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,785	17.2	0.4	16.5	17.9
East Central Kansas Public Health Coalition	111	15.6	1.5	12.6	18.5
<b>Gender</b>					
Men	70	19.3	2.3	14.8	23.8
Women	41	12.0	1.9	8.2	15.8
<b>Age Group</b>					
18 to 44 Years	66	23.3	2.9	17.7	28.9
45 to 64 Years	40	15.0	2.4	10.2	19.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	103	14.9	1.5	12.0	17.9
<b>Race</b>					
White	105	15.9	1.6	12.8	19.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	14.0	2.3	9.5	18.5
Some College or College Graduate	71	16.7	2.0	12.9	20.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	37	16.3	2.7	11.1	21.5
\$35,000 or Higher per Year	68	17.7	2.2	13.5	21.9
<b>Disability Status</b>					
Living with a Disability†	16	7.5	2.0	3.6	11.4
Living without a Disability	92	18.7	1.9	14.9	22.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	27	11.3	2.3	6.7	15.9
Overweight (25 ≤ BMI < 30)	42	17.8	2.7	12.5	23.1
Obese (BMI ≥ 30)	38	18.0	2.8	12.4	23.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	74	14.2	1.7	10.9	17.6
Does not participate in leisure time physical activity	31	17.8	3.1	11.8	23.9
<b>Smoking Status</b>					
Current smoker	28	21.2	4.1	13.1	29.2
Non-smoker	82	14.2	1.6	11.1	17.3
<b>Health Insurance Status</b>					
Insured	96	15.0	1.6	11.9	18.0
Uninsured	14	21.4	5.7	10.1	32.6

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,067	6.0	0.2	5.6	6.4
East Central Kansas Public Health Coalition	37	4.7	0.9	2.9	6.6
<b>Gender</b>					
Men	19	4.6	1.2	2.2	6.9
Women	18	4.9	1.4	2.1	7.8
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	15	4.8	1.4	2.1	7.6
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	33	3.9	0.8	2.4	5.4
<b>Race</b>					
White	37	5.1	1.0	3.1	7.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	*	*	*	*	*
Some College or College Graduate	26	6.0	1.5	3.2	8.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	14	5.3	1.5	2.3	8.2
\$35,000 or Higher per Year	20	5.0	1.4	2.3	7.7
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	30	5.4	1.1	3.2	7.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	14	4.9	1.4	2.2	7.7
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	24	4.3	1.1	2.1	6.4
Does not participate in leisure time physical activity	*	*	*	*	*
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	28	3.8	0.8	2.2	5.5
<b>Health Insurance Status</b>					
Insured	33	4.9	1.0	2.9	6.9
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,634	24.1	0.3	23.5	24.8
East Central Kansas Public Health Coalition	300	26.6	1.7	23.3	30.0
<b>Gender</b>					
Men	113	24.4	2.6	19.3	29.4
Women	187	28.8	2.3	24.3	33.2
<b>Age Group</b>					
18 to 44 Years	25	8.5	1.8	4.9	12.0
45 to 64 Years	117	34.3	3.0	28.4	40.1
65 Years and Older	156	49.0	3.2	42.8	55.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	291	26.9	1.7	23.5	30.3
<b>Race</b>					
White	280	26.3	1.7	22.9	29.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	143	32.5	3.0	26.6	38.4
Some College or College Graduate	157	22.3	1.9	18.5	26.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	135	39.1	3.3	32.5	45.6
\$35,000 or Higher per Year	109	20.1	2.3	15.6	24.5
<b>Disability Status</b>					
Living with a Disability†	152	50.4	3.9	42.6	58.1
Living without a Disability	136	17.4	1.8	13.9	20.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	68	23.0	3.1	16.8	29.2
Overweight (25 ≤ BMI < 30)	93	25.7	2.9	20.0	31.3
Obese (BMI ≥ 30)	118	32.9	3.2	26.6	39.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	185	23.2	1.9	19.5	27.0
Does not participate in leisure time physical activity	95	34.0	3.5	27.3	40.8
<b>Smoking Status</b>					
Current smoker	57	32.8	4.8	23.3	42.3
Non-smoker	234	25.8	1.8	22.2	29.4
<b>Health Insurance Status</b>					
Insured	282	27.3	1.8	23.7	30.8
Uninsured	17	21.1	5.3	10.8	31.5

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

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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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,148	49.7	0.8	48.2	51.2
East Central Kansas Public Health Coalition	142	48.5	3.6	41.4	55.6
<b>Gender</b>					
Men	51	46.5	6.1	34.5	58.5
Women	91	50.1	4.3	41.7	58.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	58	53.3	5.4	42.7	63.8
65 Years and Older	70	46.5	4.7	37.3	55.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	136	47.2	3.6	40.1	54.3
<b>Race</b>					
White	131	48.7	3.8	41.3	56.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	63	43.6	5.2	33.5	53.8
Some College or College Graduate	79	53.9	4.8	44.4	63.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	80	62.4	5.0	52.6	72.3
\$35,000 or Higher per Year	35	30.0	5.6	18.9	41.1
<b>Disability Status</b>					
Living with a Disability†	98	65.2	4.8	55.8	74.5
Living without a Disability	39	28.7	5.0	19.0	38.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	30	42.0	7.2	28.0	56.1
Overweight (25 ≤ BMI < 30)	31	37.2	6.1	25.2	49.2
Obese (BMI ≥ 30)	73	61.8	6.1	49.8	73.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	81	47.2	4.4	38.5	55.9
Does not participate in leisure time physical activity	52	53.2	6.2	41.0	65.3
<b>Smoking Status</b>					
Current smoker	29	48.1	9.0	30.5	65.7
Non-smoker	110	49.0	4.0	41.3	56.8
<b>Health Insurance Status</b>					
Insured	132	46.8	3.7	39.5	54.1
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,901	9.1	0.3	8.6	9.6
East Central Kansas Public Health Coalition	84	10.9	1.6	7.7	14.0
<b>Gender</b>					
Men	28	6.9	1.5	4.0	9.8
Women	56	14.8	2.7	9.4	20.2
<b>Age Group</b>					
18 to 44 Years	28	13.5	3.3	7.1	19.9
45 to 64 Years	32	9.5	1.8	6.0	13.0
65 Years and Older	23	7.7	2.0	3.8	11.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	78	10.5	1.7	7.2	13.7
<b>Race</b>					
White	73	10.0	1.7	6.8	13.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	13.4	3.2	7.2	19.6
Some College or College Graduate	50	9.0	1.4	6.2	11.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	13.3	2.5	8.3	18.3
\$35,000 or Higher per Year	32	8.0	1.9	4.4	11.7
<b>Disability Status</b>					
Living with a Disability†	39	18.4	3.5	11.5	25.3
Living without a Disability	42	8.2	1.9	4.6	11.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	42	14.1	2.3	9.6	18.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	54	11.1	2.2	6.9	15.4
Does not participate in leisure time physical activity	24	10.9	2.5	5.9	15.9
<b>Smoking Status</b>					
Current smoker	21	13.9	3.4	7.2	20.6
Non-smoker	60	10.6	1.9	6.8	14.3
<b>Health Insurance Status</b>					
Insured	78	11.3	1.8	7.8	14.7
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,030	7.1	0.2	6.7	7.4
East Central Kansas Public Health Coalition	98	7.5	0.8	5.8	9.1
<b>Gender</b>					
Men	33	5.6	1.1	3.4	7.8
Women	65	9.2	1.3	6.7	11.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	26	6.8	1.4	4.1	9.5
65 Years and Older	62	19.4	2.5	14.4	24.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	98	8.0	0.9	6.2	9.8
<b>Race</b>					
White	93	7.6	0.9	5.8	9.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	39	8.1	1.4	5.3	10.9
Some College or College Graduate	59	7.0	1.0	5.0	9.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	10.0	1.7	6.7	13.4
\$35,000 or Higher per Year	42	6.5	1.1	4.3	8.7
<b>Disability Status</b>					
Living with a Disability†	44	11.2	1.9	7.5	14.8
Living without a Disability	52	6.4	1.0	4.5	8.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	24	6.0	1.4	3.2	8.7
Overweight (25 ≤ BMI < 30)	32	9.5	1.8	5.9	13.1
Obese (BMI ≥ 30)	34	7.3	1.3	4.6	9.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	58	6.4	0.9	4.6	8.3
Does not participate in leisure time physical activity	33	10.3	2.0	6.4	14.1
<b>Smoking Status</b>					
Current smoker	16	6.7	1.9	2.9	10.4
Non-smoker	78	7.7	1.0	5.8	9.6
<b>Health Insurance Status</b>					
Insured	92	7.5	0.9	5.8	9.3
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,960	6.3	0.2	5.9	6.6
East Central Kansas Public Health Coalition	89	7.5	0.9	5.7	9.2
<b>Gender</b>					
Men	43	8.1	1.4	5.3	10.8
Women	46	6.9	1.2	4.6	9.2
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	28	8.3	1.7	5.0	11.5
65 Years and Older	59	21.2	2.9	15.5	26.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	89	8.0	1.0	6.1	9.9
<b>Race</b>					
White	87	7.8	1.0	5.9	9.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	42	8.8	1.5	5.8	11.9
Some College or College Graduate	47	6.4	1.1	4.3	8.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	10.7	2.1	6.6	14.8
\$35,000 or Higher per Year	44	6.4	1.1	4.2	8.6
<b>Disability Status</b>					
Living with a Disability†	37	11.4	2.2	7.1	15.6
Living without a Disability	51	6.3	1.0	4.3	8.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	33	9.9	2.0	6.0	13.7
Overweight (25 ≤ BMI < 30)	29	7.7	1.6	4.6	10.8
Obese (BMI ≥ 30)	22	5.4	1.4	2.7	8.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	59	7.3	1.1	5.1	9.4
Does not participate in leisure time physical activity	24	7.8	1.7	4.4	11.2
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	79	8.8	1.1	6.5	11.0
<b>Health Insurance Status</b>					
Insured	89	8.3	1.0	6.3	10.3
Uninsured	*	*	*	*	*

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

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,202	4.2	0.1	3.9	4.4
East Central Kansas Public Health Coalition	57	5.1	1.0	3.3	7.0
<b>Gender</b>					
Men	29	6.2	1.7	2.9	9.5
Women	28	4.1	0.9	2.3	5.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	17	5.3	1.5	2.4	8.2
65 Years and Older	33	9.5	1.8	6.0	13.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	57	5.5	1.0	3.5	7.5
<b>Race</b>					
White	49	5.0	1.0	3.0	7.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	6.5	1.9	2.8	10.1
Some College or College Graduate	30	4.1	0.9	2.3	5.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	27	6.7	1.5	3.8	9.6
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	32	9.6	2.0	5.7	13.5
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	17	3.7	1.0	1.7	5.7
Obese (BMI ≥ 30)	23	8.2	2.4	3.5	12.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	32	3.6	0.7	2.1	5.0
Does not participate in leisure time physical activity	23	7.9	1.9	4.1	11.6
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	43	4.7	0.9	3.0	6.4
<b>Health Insurance Status</b>					
Insured	56	5.6	1.0	3.5	7.6
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

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

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,154	4.0	0.1	3.7	4.3
East Central Kansas Public Health Coalition	54	4.9	0.8	3.4	6.5
<b>Gender</b>					
Men	24	5.1	1.3	2.6	7.6
Women	30	4.7	1.0	2.8	6.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	21	6.9	1.7	3.6	10.3
65 Years and Older	32	11.4	2.3	6.9	15.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	54	5.3	0.9	3.6	7.0
<b>Race</b>					
White	48	4.9	0.8	3.2	6.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	38	8.6	1.7	5.3	11.9
Some College or College Graduate	16	2.2	0.6	1.0	3.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	23	7.6	1.9	3.9	11.2
\$35,000 or Higher per Year	19	2.8	0.8	1.3	4.3
<b>Disability Status</b>					
Living with a Disability†	31	12.0	2.5	7.1	16.9
Living without a Disability	22	2.4	0.5	1.3	3.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	26	7.2	1.7	3.9	10.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	25	2.9	0.6	1.7	4.1
Does not participate in leisure time physical activity	26	10.0	2.3	5.6	14.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	43	5.2	0.9	3.3	7.0
<b>Health Insurance Status</b>					
Insured	54	5.5	0.9	3.7	7.2
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 Who Had a Stroke, 2017

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	799	2.9	0.1	2.7	3.2
East Central Kansas Public Health Coalition	38	3.9	0.7	2.5	5.3
<b>Gender</b>					
Men	16	3.3	0.9	1.5	5.1
Women	22	4.4	1.1	2.4	6.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	*	*	*	*	*
65 Years and Older	21	9.0	2.2	4.7	13.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	38	4.1	0.8	2.7	5.6
<b>Race</b>					
White	35	3.9	0.7	2.5	5.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	15	4.0	1.2	1.7	6.3
Some College or College Graduate	23	3.8	0.9	2.1	5.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	19	7.1	1.8	3.5	10.7
\$35,000 or Higher per Year	*	*	*	*	*
<b>Disability Status</b>					
Living with a Disability†	29	11.2	2.3	6.7	15.6
Living without a Disability	*	*	*	*	*

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	17	5.7	1.5	2.7	8.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	14	2.1	0.6	0.9	3.3
Does not participate in leisure time physical activity	21	7.8	1.9	4.1	11.4
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	27	3.6	0.8	2.1	5.1
<b>Health Insurance Status</b>					
Insured	35	3.9	0.8	2.4	5.4
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals

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

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

## Percentage of Adults with Diagnosed Hypertension, 2017

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,757	32.8	0.4	32.0	33.5
East Central Kansas Public Health Coalition	402	37.0	1.9	33.3	40.7
<b>Gender</b>					
Men	191	41.3	2.9	35.6	47.0
Women	211	32.8	2.4	28.1	37.6
<b>Age Group</b>					
18 to 44 Years	42	15.7	2.5	10.7	20.6
45 to 64 Years	149	44.7	3.1	38.7	50.7
65 Years and Older	207	65.7	2.9	59.9	71.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	392	37.6	1.9	33.8	41.4
<b>Race</b>					
White	377	37.6	2.0	33.8	41.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	185	42.2	3.2	35.8	48.6
Some College or College Graduate	217	33.0	2.3	28.5	37.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	157	44.9	3.4	38.2	51.7
\$35,000 or Higher per Year	177	34.0	2.7	28.8	39.1
<b>Disability Status</b>					
Living with a Disability†	168	53.7	4.0	45.8	61.5
Living without a Disability	219	30.4	2.2	26.1	34.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	72	23.3	3.2	17.0	29.6
Overweight (25 ≤ BMI < 30)	131	36.0	3.2	29.7	42.4
Obese (BMI ≥ 30)	167	50.6	3.4	43.9	57.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	247	32.3	2.2	28.0	36.6
Does not participate in leisure time physical activity	134	48.8	3.7	41.6	56.0
<b>Smoking Status</b>					
Current smoker	68	42.0	5.1	32.0	52.0
Non-smoker	320	36.0	2.1	32.0	40.1
<b>Health Insurance Status</b>					
Insured	383	38.8	2.0	34.9	42.8
Uninsured	18	20.3	5.1	10.3	30.3

**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 ‡**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,246	15.2	0.4	14.5	15.9
East Central Kansas Public Health Coalition	87	13.7	1.6	10.6	16.8
<b>Gender</b>					
Men	48	16.3	2.4	11.7	21.0
Women	39	11.2	2.2	7.0	15.4
<b>Age Group</b>					
18 to 44 Years	50	24.4	3.4	17.7	31.1
45 to 64 Years	28	10.2	2.1	6.2	14.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	82	13.5	1.6	10.3	16.7
<b>Race</b>					
White	83	14.3	1.7	11.0	17.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	15.5	3.0	9.7	21.3
Some College or College Graduate	53	12.5	1.8	9.0	15.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	33	17.1	3.0	11.3	22.9
\$35,000 or Higher per Year	44	13.1	2.3	8.7	17.5
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	70	15.3	1.9	11.7	18.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	31	18.4	3.4	11.7	25.0
Overweight (25 ≤ BMI < 30)	27	15.0	3.2	8.6	21.3
Obese (BMI ≥ 30)	22	8.8	2.0	5.0	12.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	53	13.2	2.0	9.3	17.1
Does not participate in leisure time physical activity	25	13.5	2.9	7.9	19.1
<b>Smoking Status</b>					
Current smoker	27	22.3	4.3	13.9	30.7
Non-smoker	54	11.3	1.7	7.9	14.8
<b>Health Insurance Status</b>					
Insured	66	11.0	1.5	8.0	14.0
Uninsured	21	45.1	7.8	29.8	60.4

**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

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Please refer to Technical Notes for more information.

**Percentage of Adults Tested and Diagnosed with High Cholesterol, 2017 ‡**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,314	34.1	0.4	33.2	34.9
East Central Kansas Public Health Coalition	315	34.3	2.0	30.4	38.1
<b>Gender</b>					
Men	127	32.0	3.0	26.2	37.9
Women	188	36.3	2.6	31.2	41.4
<b>Age Group</b>					
18 to 44 Years	28	14.5	2.8	9.0	19.9
45 to 64 Years	128	39.8	3.1	33.6	45.9
65 Years and Older	157	49.5	3.2	43.1	55.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	310	35.6	2.0	31.6	39.5
<b>Race</b>					
White	304	35.6	2.0	31.7	39.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	135	40.5	3.3	33.9	47.0
Some College or College Graduate	180	30.1	2.3	25.5	34.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	104	38.3	3.5	31.4	45.2
\$35,000 or Higher per Year	147	29.3	2.6	24.2	34.4
<b>Disability Status</b>					
Living with a Disability†	119	43.8	3.8	36.4	51.2
Living without a Disability	181	30.0	2.4	25.4	34.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	61	25.9	3.5	19.0	32.7
Overweight (25 ≤ BMI < 30)	92	28.4	3.0	22.5	34.3
Obese (BMI ≥ 30)	130	43.7	3.7	36.5	50.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	200	32.0	2.3	27.5	36.5
Does not participate in leisure time physical activity	95	38.1	3.7	30.9	45.4
<b>Smoking Status</b>					
Current smoker	51	38.3	5.9	26.7	49.8
Non-smoker	249	33.3	2.1	29.2	37.4
<b>Health Insurance Status</b>					
Insured	306	34.8	2.0	30.8	38.8
Uninsured	*	*	*	*	*

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

**Denominator:** Respondents who had ever had their blood cholesterol checked, excluding unknowns and refusals.

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

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

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

**Percentage of Adults Who Have Chronic Obstructive Pulmonary Disease  
(COPD), Emphysema or Chronic Bronchitis, 2017**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,644	6.4	0.2	6.0	6.8
East Central Kansas Public Health Coalition	89	8.4	1.0	6.4	10.4
<b>Gender</b>					
Men	39	8.4	1.6	5.3	11.6
Women	50	8.4	1.3	5.8	11.0
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	33	10.1	1.9	6.4	13.8
65 Years and Older	48	16.5	2.5	11.5	21.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	84	8.3	1.0	6.2	10.3
<b>Race</b>					
White	82	8.1	1.0	6.1	10.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	46	11.2	1.9	7.5	15.0
Some College or College Graduate	43	6.3	1.1	4.2	8.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	50	16.6	2.7	11.4	21.8
\$35,000 or Higher per Year	22	3.1	0.7	1.7	4.5
<b>Disability Status</b>					
Living with a Disability†	51	18.8	3.0	12.9	24.7
Living without a Disability	34	4.3	0.8	2.7	5.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	24	8.9	2.2	4.6	13.3
Overweight (25 ≤ BMI < 30)	21	5.4	1.3	2.9	7.9
Obese (BMI ≥ 30)	39	11.9	2.1	7.7	16.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	52	6.8	1.1	4.7	8.9
Does not participate in leisure time physical activity	31	12.1	2.5	7.2	17.1
<b>Smoking Status</b>					
Current smoker	28	15.1	3.4	8.4	21.7
Non-smoker	58	7.1	1.1	5.0	9.2
<b>Health Insurance Status</b>					
Insured	83	8.6	1.1	6.4	10.7
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

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Please refer to Technical Notes for more information.

**Percentage of Adults Who Were Ever Diagnosed with a Depressive Disorder,  
2017**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,374	20.9	0.4	20.2	21.6
East Central Kansas Public Health Coalition	192	21.5	1.7	18.2	24.8
<b>Gender</b>					
Men	55	14.1	2.2	9.7	18.5
Women	137	28.7	2.5	23.8	33.6
<b>Age Group</b>					
18 to 44 Years	55	22.3	3.1	16.3	28.3
45 to 64 Years	71	22.2	2.6	17.1	27.3
65 Years and Older	66	20.1	2.6	15.0	25.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	185	21.5	1.7	18.1	24.9
<b>Race</b>					
White	178	20.6	1.6	17.3	23.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	78	21.4	2.7	16.0	26.7
Some College or College Graduate	114	21.7	2.1	17.5	25.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	91	32.4	3.4	25.7	39.1
\$35,000 or Higher per Year	65	15.1	2.1	11.0	19.2
<b>Disability Status</b>					
Living with a Disability†	102	41.4	3.9	33.7	49.1
Living without a Disability	79	13.5	1.7	10.2	16.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	43	21.1	3.5	14.2	28.0
Overweight (25 ≤ BMI < 30)	42	15.3	2.8	9.7	20.8
Obese (BMI ≥ 30)	91	29.6	3.0	23.7	35.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	114	19.6	2.1	15.6	23.7
Does not participate in leisure time physical activity	68	29.3	3.5	22.5	36.1
<b>Smoking Status</b>					
Current smoker	59	40.1	5.0	30.4	49.9
Non-smoker	126	17.5	1.7	14.1	20.9
<b>Health Insurance Status</b>					
Insured	178	22.2	1.8	18.6	25.7
Uninsured	13	15.5	4.3	7.0	24.0

**Numerator:** Respondents who reported they had ever been told by a doctor, nurse or other health professional that they have a depressive disorder (including depression, major depression, dysthymia, or minor depression).

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

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

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

## Percentage of Adults with Diagnosed Diabetes, 2017

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,844	10.5	0.2	10.0	11.0
East Central Kansas Public Health Coalition	128	11.0	1.2	8.7	13.3
<b>Gender</b>					
Men	49	10.1	1.9	6.5	13.7
Women	79	11.8	1.5	8.9	14.7
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	46	13.5	2.1	9.5	17.6
65 Years and Older	76	23.9	2.7	18.7	29.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	126	11.5	1.2	9.0	13.9
<b>Race</b>					
White	122	11.2	1.2	8.8	13.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	61	12.9	2.1	8.8	17.1
Some College or College Graduate	67	9.5	1.3	6.9	12.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	49	14.0	2.2	9.8	18.3
\$35,000 or Higher per Year	50	9.0	1.7	5.6	12.3
<b>Disability Status</b>					
Living with a Disability†	68	18.8	2.5	13.9	23.7
Living without a Disability	53	7.7	1.4	4.9	10.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	36	9.7	1.8	6.2	13.2
Obese (BMI ≥ 30)	64	17.7	2.7	12.5	23.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	62	7.8	1.1	5.7	10.0
Does not participate in leisure time physical activity	54	16.6	2.4	11.8	21.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	105	11.1	1.2	8.8	13.5
<b>Health Insurance Status</b>					
Insured	125	11.9	1.3	9.3	14.4
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†

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,832	25.9	0.4	25.2	26.7
East Central Kansas Public Health Coalition	274	29.1	1.9	25.4	32.9
<b>Gender</b>					
Men	113	27.8	2.8	22.3	33.3
Women	161	30.4	2.6	25.2	35.5
<b>Age Group</b>					
18 to 44 Years	43	21.1	3.4	14.4	27.8
45 to 64 Years	89	28.7	2.9	23.0	34.3
65 Years and Older	141	47.0	3.2	40.7	53.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	263	28.9	1.9	25.1	32.7
<b>Race</b>					
White	254	28.3	1.9	24.5	32.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	134	36.6	3.4	29.9	43.2
Some College or College Graduate	140	23.5	2.1	19.3	27.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	138	46.0	3.6	39.0	53.0
\$35,000 or Higher per Year	85	18.3	2.4	13.6	23.0
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	67	26.6	3.7	19.4	33.8
Overweight (25 ≤ BMI < 30)	69	23.5	3.5	16.6	30.3
Obese (BMI ≥ 30)	122	35.9	3.2	29.7	42.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	156	24.6	2.3	20.1	29.1
Does not participate in leisure time physical activity	107	39.4	3.6	32.4	46.4
<b>Smoking Status</b>					
Current smoker	52	35.6	4.9	26.0	45.2
Non-smoker	219	27.7	2.1	23.6	31.7
<b>Health Insurance Status</b>					
Insured	257	29.4	2.0	25.5	33.3
Uninsured	15	22.9	5.8	11.5	34.3

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	15,354	81.0	0.4	80.3	81.7
East Central Kansas Public Health Coalition	706	84.4	1.8	80.9	87.9
<b>Gender</b>					
Men	312	84.5	2.3	79.9	89.1
Women	394	84.3	2.7	79.0	89.7
<b>Age Group</b>					
18 to 44 Years	197	80.7	3.6	73.6	87.9
45 to 64 Years	266	86.8	2.2	82.6	91.0
65 Years and Older	243	87.5	2.0	83.6	91.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	684	84.6	1.8	81.1	88.2
<b>Race</b>					
White	670	84.5	1.9	80.9	88.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	269	83.0	3.5	76.1	89.9
Some College or College Graduate	437	85.4	1.8	81.9	88.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	233	87.9	2.6	82.8	93.0
\$35,000 or Higher per Year	368	83.1	2.1	79.0	87.2
<b>Disability Status</b>					
Living with a Disability†	218	90.6	2.3	86.0	95.2
Living without a Disability	479	81.7	2.3	77.2	86.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	191	78.4	4.6	69.4	87.3
Overweight (25 ≤ BMI < 30)	232	86.1	2.2	81.9	90.4
Obese (BMI ≥ 30)	250	87.0	2.5	82.2	91.9
<b>Smoking Status</b>					
Current smoker	129	86.1	3.8	78.7	93.4
Non-smoker	573	84.1	2.0	80.1	88.1
<b>Health Insurance Status</b>					
Insured	658	84.3	1.9	80.7	88.0
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,754	41.2	0.5	40.3	42.1
East Central Kansas Public Health Coalition	339	39.9	2.1	35.8	43.9
<b>Gender</b>					
Men	149	40.5	3.0	34.6	46.5
Women	190	39.2	2.8	33.7	44.8
<b>Age Group</b>					
18 to 44 Years	83	33.2	3.5	26.3	40.1
45 to 64 Years	127	43.0	3.2	36.8	49.3
65 Years and Older	129	47.7	3.4	41.0	54.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	330	40.6	2.1	36.4	44.7
<b>Race</b>					
White	322	39.7	2.1	35.6	43.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	151	45.4	3.6	38.3	52.5
Some College or College Graduate	188	35.9	2.5	31.1	40.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	123	46.7	3.7	39.4	54.1
\$35,000 or Higher per Year	161	35.1	2.7	29.9	40.3
<b>Disability Status</b>					
Living with a Disability†	129	53.6	4.2	45.3	61.9
Living without a Disability	207	34.4	2.3	29.8	38.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	76	32.1	3.9	24.4	39.8
Overweight (25 ≤ BMI < 30)	96	33.5	3.3	26.9	40.0
Obese (BMI ≥ 30)	151	52.8	3.5	46.0	59.6
<b>Smoking Status</b>					
Current smoker	64	39.6	4.9	30.0	49.2
Non-smoker	273	39.9	2.3	35.4	44.3
<b>Health Insurance Status</b>					
Insured	318	39.7	2.1	35.5	43.9
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,721	27.9	0.4	27.1	28.7
East Central Kansas Public Health Coalition	256	29.1	1.8	25.4	32.7
<b>Gender</b>					
Men	124	33.3	2.9	27.7	38.9
Women	132	25.1	2.3	20.5	29.6
<b>Age Group</b>					
18 to 44 Years	57	22.9	3.0	16.9	28.9
45 to 64 Years	98	33.3	3.0	27.4	39.2
65 Years and Older	101	34.9	3.1	28.7	41.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	250	29.7	1.9	26.0	33.4
<b>Race</b>					
White	246	29.9	1.9	26.1	33.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	125	34.1	3.1	27.9	40.2
Some College or College Graduate	131	25.4	2.2	21.0	29.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	90	32.0	3.3	25.5	38.5
\$35,000 or Higher per Year	121	26.7	2.5	21.8	31.5
<b>Disability Status</b>					
Living with a Disability†	107	39.9	3.8	32.4	47.4
Living without a Disability	148	25.0	2.1	20.9	29.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	58	22.7	3.4	16.0	29.3
Overweight (25 ≤ BMI < 30)	70	24.8	3.0	19.0	30.7
Obese (BMI ≥ 30)	117	40.4	3.3	33.9	46.8
<b>Smoking Status</b>					
Current smoker	52	33.5	4.7	24.3	42.6
Non-smoker	202	27.9	2.0	24.0	31.8
<b>Health Insurance Status</b>					
Insured	235	28.9	1.9	25.1	32.6
Uninsured	20	31.5	6.7	18.4	44.7

**Numerator:** Respondents who reported they did not participate in any physical activities or exercise, other than their regular job, in the past 30 days.

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

† **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‡**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,946	37.5	0.4	36.7	38.4
East Central Kansas Public Health Coalition	319	40.6	2.2	36.4	44.9
<b>Gender</b>					
Men	165	45.5	3.1	39.5	51.6
Women	154	36.0	3.1	30.0	42.0
<b>Age Group</b>					
18 to 44 Years	90	40.7	4.0	33.0	48.5
45 to 64 Years	128	45.5	3.3	39.1	51.9
65 Years and Older	101	33.4	3.1	27.3	39.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	305	39.8	2.2	35.5	44.1
<b>Race</b>					
White	314	43.1	2.2	38.8	47.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	142	45.6	3.7	38.4	52.7
Some College or College Graduate	177	37.0	2.6	32.0	42.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	99	36.7	3.5	29.8	43.5
\$35,000 or Higher per Year	171	40.4	2.9	34.8	46.0
<b>Disability Status</b>					
Living with a Disability†	96	40.7	4.1	32.6	48.8
Living without a Disability	221	40.8	2.5	35.8	45.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	78	35.0	4.5	26.2	43.8
Overweight (25 ≤ BMI < 30)	111	41.6	3.6	34.4	48.7
Obese (BMI ≥ 30)	112	45.7	3.5	38.8	52.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	194	35.6	2.6	30.4	40.7
Does not participate in leisure time physical activity	118	52.0	3.8	44.5	59.5
<b>Smoking Status</b>					
Current smoker	73	47.9	5.0	38.0	57.8
Non-smoker	246	39.4	2.4	34.7	44.1
<b>Health Insurance Status</b>					
Insured	296	40.5	2.3	36.1	45.0
Uninsured	21	41.0	7.5	26.3	55.7

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‡**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,049	17.3	0.4	16.6	18.0
East Central Kansas Public Health Coalition	139	17.5	1.7	14.2	20.8
<b>Gender</b>					
Men	60	18.7	2.6	13.6	23.8
Women	79	16.4	2.1	12.2	20.5
<b>Age Group</b>					
18 to 44 Years	40	18.7	3.1	12.7	24.6
45 to 64 Years	46	16.2	2.5	11.3	21.0
65 Years and Older	53	17.8	2.6	12.7	22.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	128	15.1	1.5	12.2	18.1
<b>Race</b>					
White	130	16.9	1.7	13.7	20.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	65	22.6	3.1	16.6	28.6
Some College or College Graduate	74	13.9	1.8	10.3	17.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	57	21.7	3.2	15.5	28.0
\$35,000 or Higher per Year	63	14.7	2.1	10.5	19.0
<b>Disability Status</b>					
Living with a Disability†	45	18.9	3.3	12.4	25.4
Living without a Disability	93	16.8	1.9	13.0	20.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	39	20.8	3.8	13.3	28.3
Overweight (25 ≤ BMI < 30)	41	14.2	2.5	9.3	19.1
Obese (BMI ≥ 30)	52	18.9	2.6	13.7	24.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	82	14.4	1.9	10.7	18.1
Does not participate in leisure time physical activity	56	25.8	3.4	19.1	32.5
<b>Smoking Status</b>					
Current smoker	28	20.6	4.4	11.9	29.3
Non-smoker	111	17.0	1.8	13.5	20.5
<b>Health Insurance Status</b>					
Insured	126	16.1	1.6	13.0	19.3
Uninsured	12	29.6	7.8	14.3	44.9

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,969	12.5	0.3	11.8	13.1
East Central Kansas Public Health Coalition	71	9.4	1.2	7.0	11.7
<b>Gender</b>					
Men	34	10.1	1.9	6.3	13.8
Women	37	8.7	1.5	5.7	11.6
<b>Age Group</b>					
18 to 44 Years	34	12.7	2.3	8.2	17.2
45 to 64 Years	30	9.6	1.9	5.9	13.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	67	9.0	1.2	6.7	11.3
<b>Race</b>					
White	67	9.2	1.2	6.9	11.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	13.6	2.3	9.1	18.0
Some College or College Graduate	31	6.2	1.2	3.8	8.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	39	17.6	2.9	11.9	23.2
\$35,000 or Higher per Year	19	4.8	1.3	2.3	7.3
<b>Disability Status</b>					
Living with a Disability†	15	7.5	2.1	3.4	11.6
Living without a Disability	52	10.2	1.5	7.2	13.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	10.8	2.8	5.4	16.2
Overweight (25 ≤ BMI < 30)	19	7.5	1.8	3.9	11.1
Obese (BMI ≥ 30)	26	9.9	2.0	6.0	13.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	44	9.0	1.5	6.1	11.9
Does not participate in leisure time physical activity	20	10.1	2.4	5.3	14.9
<b>Smoking Status</b>					
Current smoker	23	15.5	3.4	8.9	22.1
Non-smoker	44	8.0	1.3	5.4	10.6

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,830	15.3	0.4	14.5	16.1
East Central Kansas Public Health Coalition	64	11.3	1.5	8.3	14.3
<b>Gender</b>					
Men	31	12.0	2.3	7.5	16.6
Women	33	10.5	1.9	6.8	14.3
<b>Age Group</b>					
18 to 44 Years	34	12.7	2.3	8.2	17.2
45 to 64 Years	30	9.6	1.9	5.9	13.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	60	10.9	1.5	8.0	13.9
<b>Race</b>					
White	61	11.3	1.5	8.3	14.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	36	17.4	3.0	11.5	23.2
Some College or College Graduate	28	7.2	1.5	4.2	10.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	36	23.9	3.9	16.2	31.6
\$35,000 or Higher per Year	18	5.6	1.5	2.6	8.6
<b>Disability Status</b>					
Living with a Disability†	13	10.9	3.2	4.7	17.0
Living without a Disability	48	11.7	1.8	8.1	15.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	20	13.8	3.5	6.9	20.7
Overweight (25 ≤ BMI < 30)	16	8.7	2.3	4.1	13.2
Obese (BMI ≥ 30)	24	11.9	2.5	7.1	16.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	42	10.9	1.8	7.3	14.6
Does not participate in leisure time physical activity	16	11.9	3.1	5.8	18.1
<b>Smoking Status</b>					
Current smoker	23	18.2	3.9	10.6	25.8
Non-smoker	38	9.7	1.7	6.3	13.0

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,646	22.4	0.4	21.7	23.2
East Central Kansas Public Health Coalition	115	16.3	1.7	13.0	19.6
<b>Gender</b>					
Men	70	21.3	2.7	16.1	26.5
Women	45	11.6	2.1	7.4	15.7
<b>Age Group</b>					
18 to 44 Years	64	26.6	3.3	20.2	33.0
45 to 64 Years	32	9.1	1.7	5.8	12.4
65 Years and Older	17	4.7	1.2	2.3	7.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	107	15.4	1.7	12.1	18.6
<b>Race</b>					
White	105	16.3	1.8	12.8	19.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	46	16.7	2.9	11.0	22.4
Some College or College Graduate	69	16.0	2.0	12.0	19.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	37	14.6	2.5	9.6	19.5
\$35,000 or Higher per Year	54	16.0	2.6	11.0	21.0
<b>Disability Status</b>					
Living with a Disability†	21	13.9	3.7	6.6	21.1
Living without a Disability	84	16.2	1.9	12.5	20.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	34	18.0	3.4	11.3	24.7
Overweight (25 ≤ BMI < 30)	39	16.2	3.0	10.3	22.1
Obese (BMI ≥ 30)	31	13.2	2.8	7.8	18.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	61	13.6	2.0	9.7	17.5
Does not participate in leisure time physical activity	38	16.8	2.9	11.2	22.4
<b>Smoking Status</b>					
Current smoker	30	25.2	5.0	15.5	35.0
Non-smoker	76	13.5	1.7	10.1	16.8
<b>Health Insurance Status</b>					
Insured	84	13.1	1.7	9.8	16.4
Uninsured	31	47.3	6.8	33.9	60.7

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,144	12.1	0.3	11.5	12.7
East Central Kansas Public Health Coalition	82	10.5	1.3	8.0	12.9
<b>Gender</b>					
Men	28	7.7	1.6	4.5	10.9
Women	54	13.1	1.9	9.4	16.9
<b>Age Group</b>					
18 to 44 Years	27	9.6	2.1	5.6	13.7
45 to 64 Years	45	16.0	2.4	11.2	20.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	76	9.7	1.2	7.3	12.1
<b>Race</b>					
White	70	9.9	1.3	7.4	12.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	34	10.9	2.0	6.9	14.9
Some College or College Graduate	48	10.1	1.6	6.9	13.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	45	17.6	2.7	12.4	22.9
\$35,000 or Higher per Year	25	7.6	1.8	4.2	11.0
<b>Disability Status</b>					
Living with a Disability†	32	16.1	3.1	10.1	22.0
Living without a Disability	44	8.2	1.3	5.6	10.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	22	11.9	2.8	6.3	17.4
Overweight (25 ≤ BMI < 30)	22	8.1	2.0	4.2	12.0
Obese (BMI ≥ 30)	30	11.3	2.2	7.0	15.5
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	53	10.0	1.6	6.9	13.0
Does not participate in leisure time physical activity	21	12.0	2.7	6.8	17.3
<b>Smoking Status</b>					
Current smoker	23	16.6	3.9	9.0	24.3
Non-smoker	54	9.1	1.3	6.5	11.7
<b>Health Insurance Status</b>					
Insured	54	7.3	1.2	5.0	9.6
Uninsured	27	40.1	6.6	27.2	53.0

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,766	16.7	0.3	16.0	17.3
East Central Kansas Public Health Coalition	178	18.3	1.5	15.3	21.3
<b>Gender</b>					
Men	83	19.9	2.5	15.1	24.7
Women	95	16.8	1.8	13.2	20.4
<b>Age Group</b>					
18 to 44 Years	30	10.2	2.0	6.4	14.1
45 to 64 Years	69	21.3	2.5	16.3	26.3
65 Years and Older	78	27.9	3.0	22.0	33.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	172	18.5	1.6	15.4	21.6
<b>Race</b>					
White	167	18.3	1.6	15.2	21.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	95	23.5	2.8	18.1	28.9
Some College or College Graduate	83	14.4	1.7	11.1	17.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	93	30.5	3.1	24.3	36.6
\$35,000 or Higher per Year	49	10.3	1.9	6.7	14.0
<b>Disability Status</b>					
Living with a Disability†	114	40.3	3.8	32.9	47.7
Living without a Disability	55	9.4	1.5	6.4	12.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	44	14.9	2.6	9.9	20.0
Overweight (25 ≤ BMI < 30)	35	10.7	2.0	6.8	14.5
Obese (BMI ≥ 30)	88	29.3	3.2	23.0	35.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	84	12.2	1.5	9.3	15.0
Does not participate in leisure time physical activity	81	30.5	3.3	23.9	37.0
<b>Smoking Status</b>					
Current smoker	37	24.8	4.6	15.7	33.9
Non-smoker	134	17.0	1.6	13.8	20.1
<b>Health Insurance Status</b>					
Insured	158	17.7	1.6	14.5	20.8
Uninsured	19	24.1	5.3	13.7	34.5

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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,574	11.3	0.3	10.8	11.8
East Central Kansas Public Health Coalition	119	12.1	1.2	9.7	14.5
<b>Gender</b>					
Men	49	10.4	1.7	7.1	13.7
Women	70	13.7	1.8	10.2	17.2
<b>Age Group</b>					
18 to 44 Years	23	7.0	1.6	3.9	10.1
45 to 64 Years	50	16.0	2.3	11.4	20.5
65 Years and Older	46	16.9	2.6	11.8	22.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	115	12.2	1.3	9.7	14.7
<b>Race</b>					
White	111	11.9	1.3	9.5	14.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	61	14.4	2.1	10.4	18.5
Some College or College Graduate	58	10.3	1.5	7.4	13.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	67	23.5	3.0	17.6	29.3
\$35,000 or Higher per Year	34	6.0	1.1	3.7	8.2
<b>Disability Status</b>					
Living with a Disability†	83	29.9	3.4	23.3	36.6
Living without a Disability	31	4.9	1.0	2.9	6.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	29	10.8	2.3	6.4	15.2
Overweight (25 ≤ BMI < 30)	24	6.8	1.5	3.8	9.8
Obese (BMI ≥ 30)	59	19.1	2.6	14.0	24.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	53	8.2	1.3	5.7	10.7
Does not participate in leisure time physical activity	60	22.3	3.0	16.5	28.1
<b>Smoking Status</b>					
Current smoker	24	13.6	3.0	7.7	19.5
Non-smoker	93	12.1	1.4	9.4	14.9
<b>Health Insurance Status</b>					
Insured	108	11.9	1.3	9.4	14.4
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,163	11.4	0.3	10.8	12.0
East Central Kansas Public Health Coalition	106	13.0	1.5	10.2	15.9
<b>Gender</b>					
Men	38	10.3	2.1	6.3	14.3
Women	68	15.6	2.1	11.6	19.7
<b>Age Group</b>					
18 to 44 Years	39	15.3	2.7	9.9	20.7
45 to 64 Years	41	13.7	2.2	9.3	18.0
65 Years and Older	26	8.1	1.8	4.6	11.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	100	12.7	1.5	9.8	15.6
<b>Race</b>					
White	94	11.5	1.3	8.9	14.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	43	12.8	2.4	8.2	17.4
Some College or College Graduate	63	13.2	1.9	9.6	16.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	51	20.2	3.2	14.0	26.5
\$35,000 or Higher per Year	34	8.6	1.7	5.2	11.9
<b>Disability Status</b>					
Living with a Disability†	63	29.1	3.9	21.5	36.7
Living without a Disability	36	6.4	1.2	4.0	8.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	33	16.0	3.3	9.6	22.4
Overweight (25 ≤ BMI < 30)	24	10.8	2.7	5.5	16.0
Obese (BMI ≥ 30)	40	13.5	2.2	9.1	17.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	63	12.0	1.8	8.4	15.6
Does not participate in leisure time physical activity	36	16.7	3.0	10.9	22.6
<b>Smoking Status</b>					
Current smoker	30	23.3	4.6	14.3	32.3
Non-smoker	71	10.5	1.5	7.6	13.4
<b>Health Insurance Status</b>					
Insured	94	12.9	1.6	9.8	16.0
Uninsured	*	*	*	*	*

Numerator: Respondents who reported 14 or more days when their mental health was not good in the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

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

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,399	40.8	0.6	39.6	42.0
East Central Kansas Public Health Coalition	186	40.8	2.8	35.3	46.4
<b>Gender</b>					
Men	73	39.7	4.5	30.9	48.4
Women	113	41.8	3.6	34.7	48.9
<b>Age Group</b>					
18 to 44 Years	55	38.7	4.8	29.3	48.0
45 to 64 Years	74	44.4	4.3	35.9	52.9
65 Years and Older	56	35.6	4.5	26.7	44.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	176	40.1	2.9	34.4	45.7
<b>Race</b>					
White	167	38.1	2.8	32.5	43.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	80	40.4	4.5	31.6	49.2
Some College or College Graduate	106	41.2	3.6	34.2	48.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	82	49.4	4.6	40.3	58.4
\$35,000 or Higher per Year	73	36.7	4.3	28.3	45.1
<b>Disability Status</b>					
Living with a Disability†	105	62.0	5.0	52.3	71.8
Living without a Disability	74	28.2	3.4	21.5	34.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	46	41.0	5.6	30.1	51.9
Overweight (25 ≤ BMI < 30)	43	31.3	5.2	21.0	41.6
Obese (BMI ≥ 30)	87	53.1	4.5	44.2	62.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	107	38.9	3.6	31.9	46.0
Does not participate in leisure time physical activity	68	42.6	4.7	33.4	51.8
<b>Smoking Status</b>					
Current smoker	42	50.1	6.5	37.3	62.9
Non-smoker	138	38.6	3.1	32.4	44.7
<b>Health Insurance Status</b>					
Insured	167	39.7	3.0	33.9	45.6
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	11,141	61.6	0.4	60.7	62.4
East Central Kansas Public Health Coalition	515	66.1	1.9	62.4	69.7
<b>Gender</b>					
Men	241	71.1	2.6	66.0	76.1
Women	274	61.4	2.7	56.2	66.7
<b>Age Group</b>					
18 to 44 Years	177	77.2	2.8	71.6	82.8
45 to 64 Years	193	65.6	3.0	59.8	71.4
65 Years and Older	143	45.4	3.2	39.0	51.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	494	65.1	1.9	61.3	68.8
<b>Race</b>					
White	485	65.4	1.9	61.6	69.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	207	70.6	2.8	65.1	76.1
Some College or College Graduate	308	62.7	2.4	58.0	67.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	166	64.3	3.4	57.7	70.8
\$35,000 or Higher per Year	273	67.6	2.5	62.8	72.5
<b>Disability Status</b>					
Living with a Disability†	136	60.1	3.8	52.7	67.5
Living without a Disability	373	68.7	2.2	64.5	72.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	150	70.7	3.5	63.9	77.4
Overweight (25 ≤ BMI < 30)	162	62.9	3.3	56.4	69.4
Obese (BMI ≥ 30)	173	64.6	3.1	58.4	70.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	365	66.3	2.2	61.9	70.7
Does not participate in leisure time physical activity	147	64.9	3.4	58.3	71.6
<b>Smoking Status</b>					
Current smoker	106	76.6	3.9	68.8	84.3
Non-smoker	405	63.4	2.1	59.3	67.6
<b>Health Insurance Status</b>					
Insured	465	64.3	2.0	60.4	68.2
Uninsured	48	82.1	5.3	71.8	92.5

**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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,774	44.0	0.7	42.5	45.4
East Central Kansas Public Health Coalition	143	45.4	3.2	39.0	51.7
<b>Gender</b>					
Men	51	47.9	5.4	37.3	58.4
Women	92	43.6	4.0	35.8	51.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	142	45.5	3.3	39.1	51.9
<b>Race</b>					
White	136	44.9	3.3	38.4	51.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	62	45.7	4.9	36.0	55.3
Some College or College Graduate	81	45.1	4.2	36.8	53.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	59	45.7	5.2	35.6	55.8
\$35,000 or Higher per Year	57	49.1	5.2	39.0	59.3
<b>Disability Status</b>					
Living with a Disability†	57	40.4	4.8	31.0	49.7
Living without a Disability	85	50.3	4.4	41.6	58.9
<b>Weight Category</b>					
Normal or Underweight (BMI <25)	52	49.4	5.7	38.2	60.6
Overweight (25 ≤ BMI < 30)	45	43.7	5.7	32.6	54.9
Obese (BMI ≥ 30)	34	39.7	5.8	28.3	51.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	94	44.3	3.9	36.6	51.9
Does not participate in leisure time physical activity	49	47.4	5.8	36.0	58.7
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	120	42.7	3.4	36.0	49.3
<b>Health Insurance Status</b>					
Insured	141	45.6	3.3	39.2	52.1
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,472	23.5	0.6	22.2	24.8
East Central Kansas Public Health Coalition	91	29.9	3.0	23.9	35.8
<b>Gender</b>					
Men	37	35.3	5.4	24.8	45.8
Women	54	26.2	3.4	19.5	32.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	91	30.2	3.0	24.2	36.2
<b>Race</b>					
White	86	29.0	3.0	23.0	35.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	41	33.1	4.8	23.6	42.6
Some College or College Graduate	50	26.8	3.6	19.7	33.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	35	28.0	4.7	18.7	37.3
\$35,000 or Higher per Year	41	35.1	5.0	25.2	45.0
<b>Disability Status</b>					
Living with a Disability†	28	20.1	4.0	12.2	28.0
Living without a Disability	62	38.5	4.3	30.0	47.0
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	36	36.1	5.5	25.3	46.9
Overweight (25 ≤ BMI < 30)	29	31.0	5.5	20.1	41.8
Obese (BMI ≥ 30)	19	20.2	4.4	11.6	28.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	59	28.5	3.6	21.5	35.5
Does not participate in leisure time physical activity	32	32.4	5.5	21.6	43.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	78	28.7	3.1	22.6	34.9
<b>Health Insurance Status</b>					
Insured	89	29.8	3.1	23.9	35.8
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,294	16.6	0.3	16.0	17.3
East Central Kansas Public Health Coalition	188	24.1	1.8	20.4	27.7
<b>Gender</b>					
Men	113	31.8	2.9	26.0	37.6
Women	75	16.9	2.1	12.7	21.1
<b>Age Group</b>					
18 to 44 Years	69	29.5	3.5	22.6	36.3
45 to 64 Years	61	19.6	2.5	14.7	24.6
65 Years and Older	57	21.0	2.8	15.5	26.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	177	23.0	1.8	19.4	26.6
<b>Race</b>					
White	178	23.6	1.8	20.0	27.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	71	23.6	3.0	17.6	29.6
Some College or College Graduate	117	24.4	2.3	19.9	28.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	57	23.2	3.4	16.6	29.8
\$35,000 or Higher per Year	102	24.2	2.5	19.3	29.0
<b>Disability Status</b>					
Living with a Disability†	60	27.3	3.8	19.7	34.8
Living without a Disability	126	22.9	2.1	18.9	27.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	39	17.6	3.4	10.9	24.2
Overweight (25 ≤ BMI < 30)	68	27.5	3.4	20.8	34.1
Obese (BMI ≥ 30)	73	27.7	3.1	21.7	33.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	114	20.7	2.1	16.5	24.9
Does not participate in leisure time physical activity	74	32.7	3.5	25.8	39.6
<b>Smoking Status</b>					
Current smoker	38	32.3	5.0	22.5	42.0
Non-smoker	148	22.0	1.9	18.2	25.8
<b>Health Insurance Status</b>					
Insured	172	24.5	2.0	20.7	28.4
Uninsured	16	21.4	5.5	10.6	32.3

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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,145	17.4	0.4	16.7	18.1
East Central Kansas Public Health Coalition	159	19.2	1.7	15.8	22.5
<b>Gender</b>					
Men	70	19.9	2.6	14.8	25.1
Women	89	18.4	2.2	14.1	22.7
<b>Age Group</b>					
18 to 44 Years	56	22.7	3.1	16.7	28.8
45 to 64 Years	63	18.9	2.4	14.2	23.7
65 Years and Older	39	10.0	1.7	6.7	13.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	153	18.9	1.7	15.5	22.3
<b>Race</b>					
White	149	19.3	1.8	15.8	22.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	79	23.4	3.0	17.6	29.2
Some College or College Graduate	80	15.9	2.0	12.0	19.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	67	22.4	2.9	16.7	28.1
\$35,000 or Higher per Year	66	17.0	2.4	12.2	21.8
<b>Disability Status</b>					
Living with a Disability†	52	23.5	3.5	16.6	30.4
Living without a Disability	105	17.5	2.0	13.7	21.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	61	26.0	3.7	18.7	33.3
Overweight (25 ≤ BMI < 30)	42	14.3	2.4	9.6	19.1
Obese (BMI ≥ 30)	47	18.9	3.0	13.0	24.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	102	17.5	1.9	13.8	21.3
Does not participate in leisure time physical activity	52	21.7	3.2	15.4	28.0
<b>Health Insurance Status</b>					
Insured	135	17.9	1.8	14.4	21.3
Uninsured	23	31.5	6.2	19.2	43.7

**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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,708	57.1	1.1	54.9	59.2
East Central Kansas Public Health Coalition	95	57.3	5.1	47.3	67.3
<b>Gender</b>					
Men	43	58.8	7.7	43.8	73.9
Women	52	55.7	6.7	42.6	68.8
<b>Age Group</b>					
18 to 44 Years	37	61.4	7.7	46.3	76.5
45 to 64 Years	36	57.5	7.0	43.8	71.2
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	91	57.8	5.2	47.7	67.9
<b>Race</b>					
White	88	57.6	5.2	47.3	67.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	46	56.5	7.3	42.1	70.8
Some College or College Graduate	49	58.2	7.1	44.3	72.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	60.5	7.3	46.2	74.8
\$35,000 or Higher per Year	39	54.3	8.3	38.1	70.5
<b>Disability Status</b>					
Living with a Disability†	29	52.9	8.8	35.8	70.1
Living without a Disability	64	59.3	6.3	46.9	71.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	33	52.1	8.3	35.8	68.4
Overweight (25 ≤ BMI < 30)	*	*	*	*	*
Obese (BMI ≥ 30)	*	*	*	*	*
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	66	59.9	6.1	47.9	71.9
Does not participate in leisure time physical activity	27	57.9	8.4	41.5	74.4
<b>Health Insurance Status</b>					
Insured	83	58.9	5.7	47.8	70.1
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,011	5.5	0.2	5.1	5.9
East Central Kansas Public Health Coalition	60	8.6	1.2	6.3	11.0
<b>Gender</b>					
Men	55	15.6	2.2	11.4	19.9
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	28	11.5	2.3	7.0	15.9
45 to 64 Years	22	8.5	1.9	4.8	12.3
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	60	9.3	1.3	6.7	11.8
<b>Race</b>					
White	59	8.9	1.2	6.4	11.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	10.5	2.1	6.3	14.6
Some College or College Graduate	33	7.3	1.4	4.5	10.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	15	8.8	2.4	4.0	13.5
\$35,000 or Higher per Year	37	9.3	1.7	6.1	12.6
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	45	9.1	1.4	6.2	11.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	27	11.3	2.3	6.9	15.7
Obese (BMI ≥ 30)	22	9.1	2.0	5.2	13.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	30	5.9	1.2	3.5	8.3
Does not participate in leisure time physical activity	29	15.9	2.9	10.2	21.7
<b>Smoking Status</b>					
Current smoker	14	14.5	4.1	6.6	22.5
Non-smoker	45	7.2	1.1	5.0	9.4
<b>Health Insurance Status</b>					
Insured	51	8.1	1.3	5.6	10.5
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	919	10.1	0.4	9.4	10.9
East Central Kansas Public Health Coalition	55	15.6	2.2	11.4	19.9
<b>Age Group</b>					
18 to 44 Years	25	19.8	3.9	12.2	27.5
45 to 64 Years	21	15.1	3.4	8.5	21.7
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	55	16.8	2.3	12.3	21.3
<b>Race</b>					
White	55	17.0	2.3	12.4	21.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	26	18.4	3.6	11.2	25.5
Some College or College Graduate	29	13.2	2.5	8.3	18.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	13	17.5	4.9	7.8	27.1
\$35,000 or Higher per Year	35	15.6	2.7	10.4	20.8
<b>Disability Status</b>					
Living with a Disability†	*	*	*	*	*
Living without a Disability	43	16.4	2.5	11.5	21.3
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	26	18.7	3.6	11.6	25.8
Obese (BMI ≥ 30)	20	16.8	3.8	9.4	24.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	26	10.6	2.2	6.2	15.0
Does not participate in leisure time physical activity	28	27.1	4.7	17.8	36.3
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	44	14.7	2.3	10.3	19.1
<b>Health Insurance Status</b>					
Insured	48	14.9	2.2	10.5	19.3
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**

**East Central Kansas Public Health Coalition**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,748	10.9	0.2	10.4	11.4
East Central Kansas Public Health Coalition	117	11.9	1.3	9.5	14.4
<b>Gender</b>					
Men	108	22.1	2.3	17.5	26.6
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	15	6.2	1.8	2.7	9.7
45 to 64 Years	31	11.6	2.1	7.4	15.7
65 Years and Older	71	25.2	2.9	19.5	31.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	115	12.1	1.3	9.6	14.6
<b>Race</b>					
White	113	12.5	1.3	9.9	15.2
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	52	12.4	2.0	8.4	16.3
Some College or College Graduate	65	11.6	1.6	8.4	14.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	42	14.0	2.5	9.1	18.9
\$35,000 or Higher per Year	58	11.6	1.7	8.1	15.0
<b>Disability Status</b>					
Living with a Disability†	52	19.4	3.1	13.3	25.4
Living without a Disability	60	8.7	1.3	6.3	11.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	25	10.8	2.7	5.6	16.0
Overweight (25 ≤ BMI < 30)	53	15.8	2.3	11.2	20.3
Obese (BMI ≥ 30)	33	10.2	2.0	6.2	14.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	74	11.1	1.5	8.1	14.0
Does not participate in leisure time physical activity	37	13.7	2.5	8.8	18.6
<b>Smoking Status</b>					
Current smoker	25	16.8	4.0	9.0	24.6
Non-smoker	87	10.4	1.2	8.0	12.9
<b>Health Insurance Status</b>					
Insured	113	12.8	1.4	10.1	15.5
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

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,551	32.3	0.4	31.5	33.2
East Central Kansas Public Health Coalition	311	36.1	2.0	32.1	40.0
<b>Gender</b>					
Men	139	36.4	3.0	30.6	42.3
Women	172	35.7	2.7	30.4	41.0
<b>Age Group</b>					
18 to 44 Years	93	33.2	3.3	26.7	39.7
45 to 64 Years	127	41.4	3.2	35.1	47.7
65 Years and Older	90	30.7	3.1	24.7	36.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	301	36.1	2.0	32.1	40.1
<b>Race</b>					
White	298	37.0	2.1	32.9	41.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	123	35.7	3.3	29.2	42.2
Some College or College Graduate	188	36.4	2.5	31.5	41.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	120	39.7	3.4	33.0	46.5
\$35,000 or Higher per Year	147	34.2	2.8	28.7	39.6
<b>Disability Status</b>					
Living with a Disability†	122	45.3	3.9	37.5	53.0
Living without a Disability	187	32.9	2.4	28.2	37.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	182	30.2	2.3	25.7	34.6
Does not participate in leisure time physical activity	117	48.4	3.8	41.0	55.7
<b>Smoking Status</b>					
Current smoker	47	35.2	5.1	25.2	45.7
Non-smoker	260	36.6	2.2	32.3	41.0
<b>Health Insurance Status</b>					
Insured	284	35.8	2.1	31.7	39.9
Uninsured	26	38.2	6.8	24.9	51.4

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

## Percentage of Adults Who Are Overweight or Obese, 2017

### East Central Kansas Public Health Coalition

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	13,706	67.2	0.4	66.3	68.0
East Central Kansas Public Health Coalition	614	69.6	2.1	65.5	73.6
<b>Gender</b>					
Men	306	76.0	2.8	70.6	81.4
Women	308	63.2	3.0	57.3	69.1
<b>Age Group</b>					
18 to 44 Years	172	62.6	3.9	55.1	70.2
45 to 64 Years	242	78.3	2.6	73.3	83.3
65 Years and Older	198	67.9	3.0	62.0	73.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	596	70.1	2.1	66.0	74.2
<b>Race</b>					
White	579	70.0	2.1	65.9	74.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	231	67.9	3.6	60.9	74.9
Some College or College Graduate	383	70.8	2.4	66.0	75.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	203	68.2	3.5	61.4	75.0
\$35,000 or Higher per Year	331	72.4	2.7	67.2	77.6
<b>Disability Status</b>					
Living with a Disability†	191	72.1	3.7	64.9	79.4
Living without a Disability	415	68.7	2.5	63.7	73.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	403	66.0	2.6	60.8	71.2
Does not participate in leisure time physical activity	187	76.4	3.3	69.9	82.9
<b>Smoking Status</b>					
Current smoker	89	59.4	5.1	49.3	69.4
Non-smoker	516	71.9	2.3	67.4	76.4
<b>Health Insurance Status</b>					
Insured	568	70.1	2.2	65.9	74.3
Uninsured	45	65.0	7.2	50.8	79.2

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

## Technical Notes

The 2017 BRFSS data for your county/region on health risk indicators, analyzed by various subpopulation groups (e.g. gender, age group, ethnicity, etc.), are included in this report. The indicators are summarized in tables that show:

- Unweighted Frequency: the number of respondents who reported the risk behavior
- Weighted Percentage: the prevalence estimate for the risk behavior within a particular subpopulation group category
- Standard Error: used to compute the 95% confidence limits
- Lower and upper 95% confidence limits

Prevalence estimates vary in precision depending on sample size. One way of describing the precision of an estimate is the margin of error, which is the half-width of the confidence interval. When the sample size is large for a particular subpopulation group, the corresponding margin of error for an estimate is small. When the sample size is small for a particular subpopulation group, the corresponding margin of error for an estimate is large. Large margins of error (i.e. >5) indicate that an estimate may be less precise. Prevalence estimates that have a margin of error >5 are *italicized* in this report and should be interpreted with caution.

To determine whether two weighted percentages are significantly different from one another, the reader must compare the confidence intervals. Confidence intervals which do not overlap indicate a statistically significant difference between the two prevalence estimates while overlapping confidence intervals indicate that two estimates are not statistically different from one another. It is incorrect to say two estimates are different if their confidence limits overlap.

Estimates have been censored with an asterisk ("\*") when the sample size was inadequate and/or when the estimates were statistically unreliable. Specifically, estimates were censored when any of the following conditions were met:

- the numerator of the indicator is less than 5
- the denominator of the indicator is less than 50
- the relative standard error (RSE) is greater than 30 percent

RSE is obtained by dividing the standard error of the estimate by the estimate itself, then multiplying that result by 100 to be expressed as a percent.

2011 BRFSS data represent a new baseline for public health surveillance. Due to changes in BRFSS survey methodology, the BRFSS estimates for 2011 and subsequent years cannot be compared to estimates from the years prior to 2011.

For more information on changes to the Kansas BRFSS survey methodology beginning in 2011, please visit: <http://www.kdheks.gov/brfss/newmethod.html>

For more detailed technical notes on the Kansas BRFSS, please visit: <http://www.kdheks.gov/brfss/technotes.html>

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

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

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

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

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

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

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

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