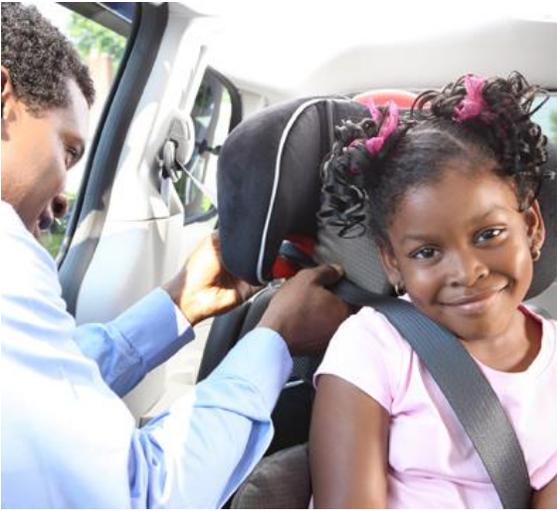


# 2017 Kansas Behavioral Risk Factor Surveillance System Local Data

## Northeast Corner Regionalization Public Health Initiative



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

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

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

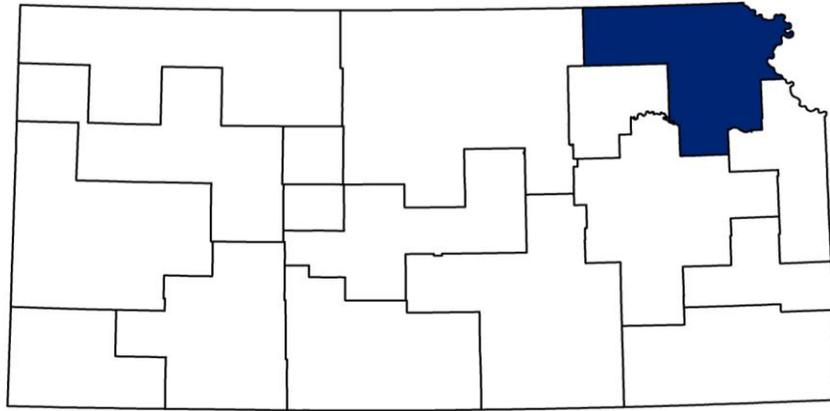
## **Mission**

To protect and improve the health and environment of all Kansans

## **Vision**

Healthy Kansans living in safe and sustainable environments

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



The Northeast Corner Regionalization Initiative comprises the following counties:  
Atchison, Brown, Doniphan, Jackson, Jefferson, Marshall, Nemaha, Shawnee

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,785	17.2	0.4	16.5	17.9
Northeast Corner Regionalization Initiative	261	18.4	1.2	16.0	20.8
<b>Gender</b>					
Men	165	24.7	2.0	20.9	28.6
Women	96	12.7	1.4	9.9	15.5
<b>Age Group</b>					
18 to 44 Years	142	28.6	2.4	23.9	33.2
45 to 64 Years	93	14.8	1.7	11.5	18.1
65 Years and Older	25	3.8	0.8	2.2	5.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	250	18.3	1.2	15.9	20.7
<b>Race</b>					
White	225	18.0	1.3	15.5	20.5
African American	*	*	*	*	*
Other	17	31.4	7.3	17.2	45.6
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	82	17.4	2.1	13.4	21.5
Some College or College Graduate	179	19.1	1.5	16.2	22.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	64	15.2	2.1	11.0	19.4
\$35,000 or Higher per Year	175	22.7	1.7	19.3	26.1
<b>Disability Status</b>					
Living with a Disability†	43	12.2	2.0	8.4	16.1
Living without a Disability	217	20.9	1.5	18.0	23.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	81	20.6	2.4	15.9	25.3
Overweight (25 ≤ BMI < 30)	81	18.8	2.2	14.4	23.1
Obese (BMI ≥ 30)	90	18.7	2.1	14.7	22.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	178	17.3	1.4	14.7	20.0
Does not participate in leisure time physical activity	65	19.6	2.6	14.5	24.8
<b>Smoking Status</b>					
Current smoker	75	30.0	3.5	23.2	36.8
Non-smoker	183	15.3	1.2	12.9	17.6
<b>Health Insurance Status</b>					
Insured	223	17.7	1.3	15.2	20.2
Uninsured	38	26.0	4.3	17.6	34.4

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,067	6.0	0.2	5.6	6.4
Northeast Corner Regionalization Initiative	92	6.0	0.7	4.6	7.4
<b>Gender</b>					
Men	50	7.7	1.2	5.4	10.1
Women	42	4.4	0.8	2.9	6.0
<b>Age Group</b>					
18 to 44 Years	32	6.5	1.2	4.1	8.9
45 to 64 Years	41	6.6	1.1	4.4	8.8
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	85	5.7	0.7	4.3	7.0
<b>Race</b>					
White	77	5.4	0.7	4.0	6.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	33	6.6	1.3	4.2	9.1
Some College or College Graduate	59	5.6	0.8	4.0	7.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	26	6.0	1.3	3.4	8.6
\$35,000 or Higher per Year	54	6.5	1.0	4.5	8.4
<b>Disability Status</b>					
Living with a Disability†	26	7.6	1.6	4.5	10.7
Living without a Disability	65	5.3	0.8	3.9	6.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	31	6.9	1.4	4.1	9.7
Overweight (25 ≤ BMI < 30)	26	5.3	1.2	3.0	7.7
Obese (BMI ≥ 30)	32	6.0	1.2	3.8	8.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	56	5.2	0.8	3.7	6.7
Does not participate in leisure time physical activity	28	7.1	1.5	4.1	10.1
<b>Smoking Status</b>					
Current smoker	40	13.5	2.3	8.9	18.0
Non-smoker	50	3.9	0.6	2.6	5.1
<b>Health Insurance Status</b>					
Insured	78	5.7	0.7	4.3	7.1
Uninsured	14	9.2	2.7	3.9	14.5

**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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,634	24.1	0.3	23.5	24.8
Northeast Corner Regionalization Initiative	622	25.4	1.2	23.1	27.7
<b>Gender</b>					
Men	210	20.3	1.6	17.1	23.5
Women	412	30.1	1.6	26.8	33.3
<b>Age Group</b>					
18 to 44 Years	51	9.0	1.5	6.1	11.9
45 to 64 Years	240	29.5	1.9	25.7	33.3
65 Years and Older	324	52.4	2.4	47.7	57.0
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	605	26.1	1.2	23.8	28.4
<b>Race</b>					
White	553	25.3	1.2	22.9	27.7
African American	37	29.8	5.8	18.4	41.2
Other	17	25.3	6.3	12.9	37.7
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	222	26.7	2.1	22.7	30.8
Some College or College Graduate	398	24.4	1.3	21.8	27.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	240	30.7	2.3	26.1	35.2
\$35,000 or Higher per Year	285	22.8	1.5	19.8	25.7
<b>Disability Status</b>					
Living with a Disability†	322	52.2	2.9	46.6	57.8
Living without a Disability	277	15.8	1.1	13.6	17.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	142	22.2	2.2	17.9	26.5
Overweight (25 ≤ BMI < 30)	192	26.4	2.1	22.2	30.5
Obese (BMI ≥ 30)	236	29.1	2.1	25.0	33.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	383	24.2	1.4	21.4	26.9
Does not participate in leisure time physical activity	192	31.5	2.6	26.5	36.6
<b>Smoking Status</b>					
Current smoker	102	28.2	3.1	22.1	34.3
Non-smoker	495	25.5	1.3	23.0	28.0
<b>Health Insurance Status</b>					
Insured	579	26.1	1.2	23.7	28.5
Uninsured	41	20.6	3.6	13.5	27.7

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,148	49.7	0.8	48.2	51.2
Northeast Corner Regionalization Initiative	304	50.7	2.5	45.7	55.7
<b>Gender</b>					
Men	95	50.4	4.4	41.7	59.0
Women	209	50.9	3.1	44.9	57.0
<b>Age Group</b>					
18 to 44 Years	30	59.0	8.3	42.7	75.3
45 to 64 Years	114	51.7	3.9	44.1	59.4
65 Years and Older	157	47.1	3.4	40.5	53.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	295	50.4	2.6	45.4	55.5
<b>Race</b>					
White	273	52.5	2.7	47.3	57.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	105	52.1	4.3	43.6	60.6
Some College or College Graduate	199	50.1	3.1	44.1	56.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	134	54.5	4.2	46.2	62.7
\$35,000 or Higher per Year	131	50.7	3.8	43.3	58.0
<b>Disability Status</b>					
Living with a Disability†	213	67.4	3.2	61.0	73.7
Living without a Disability	85	30.9	3.5	24.1	37.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	59	48.2	5.5	37.5	59.0
Overweight (25 ≤ BMI < 30)	87	46.0	4.5	37.1	54.9
Obese (BMI ≥ 30)	136	57.3	4.1	49.3	65.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	174	46.8	3.3	40.4	53.2
Does not participate in leisure time physical activity	111	59.9	4.4	51.4	68.5
<b>Smoking Status</b>					
Current smoker	62	62.8	5.8	51.4	74.3
Non-smoker	233	47.8	2.8	42.3	53.3
<b>Health Insurance Status</b>					
Insured	284	50.7	2.6	45.5	55.8
Uninsured	*	*	*	*	*

**Numerator:** Respondents who reported any limitation in their usual activities because of arthritis or joint symptoms.

**Denominator:** Respondents with doctor, nurse or other health professional diagnosed arthritis, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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Please refer to Technical Notes for more information.

## Percentage of Adults with Current Asthma, 2017

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,901	9.1	0.3	8.6	9.6
Northeast Corner Regionalization Initiative	188	9.5	0.8	7.9	11.1
<b>Gender</b>					
Men	55	6.7	1.0	4.6	8.7
Women	133	12.2	1.2	9.8	14.5
<b>Age Group</b>					
18 to 44 Years	58	10.2	1.4	7.4	13.0
45 to 64 Years	69	8.5	1.2	6.1	10.8
65 Years and Older	60	10.3	1.5	7.3	13.3
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	180	9.4	0.8	7.8	11.0
<b>Race</b>					
White	154	8.2	0.8	6.7	9.7
African American	15	16.4	4.7	7.2	25.6
Other	12	21.0	6.1	9.0	32.9
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	68	10.0	1.4	7.2	12.8
Some College or College Graduate	120	9.3	1.0	7.4	11.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	76	13.9	1.8	10.3	17.5
\$35,000 or Higher per Year	81	7.4	1.0	5.5	9.3
<b>Disability Status</b>					
Living with a Disability†	91	17.2	2.0	13.2	21.1
Living without a Disability	93	7.0	0.9	5.3	8.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	48	9.4	1.6	6.3	12.5
Overweight (25 ≤ BMI < 30)	41	7.9	1.4	5.1	10.7
Obese (BMI ≥ 30)	80	11.4	1.5	8.4	14.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	111	8.3	0.9	6.5	10.2
Does not participate in leisure time physical activity	62	12.9	1.9	9.2	16.7
<b>Smoking Status</b>					
Current smoker	35	11.3	2.2	7.0	15.7
Non-smoker	146	9.3	0.9	7.6	11.1
<b>Health Insurance Status</b>					
Insured	168	9.0	0.8	7.4	10.6
Uninsured	19	13.6	3.2	7.4	19.9

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,030	7.1	0.2	6.7	7.4
Northeast Corner Regionalization Initiative	193	7.3	0.6	6.1	8.5
<b>Gender</b>					
Men	67	5.8	0.9	4.2	7.5
Women	126	8.7	0.9	6.9	10.4
<b>Age Group</b>					
18 to 44 Years	14	1.9	0.6	0.8	3.0
45 to 64 Years	55	6.5	1.0	4.6	8.5
65 Years and Older	122	20.0	2.0	16.1	23.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	191	7.8	0.7	6.5	9.1
<b>Race</b>					
White	185	8.0	0.7	6.6	9.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	83	8.8	1.2	6.5	11.1
Some College or College Graduate	110	6.4	0.7	5.0	7.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	65	8.3	1.3	5.8	10.8
\$35,000 or Higher per Year	86	6.0	0.7	4.5	7.4
<b>Disability Status</b>					
Living with a Disability†	87	12.2	1.6	9.1	15.4
Living without a Disability	100	5.5	0.6	4.3	6.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	59	8.3	1.2	5.9	10.6
Overweight (25 ≤ BMI < 30)	61	8.3	1.2	5.9	10.6
Obese (BMI ≥ 30)	62	6.8	1.1	4.6	9.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	123	7.3	0.7	5.8	8.7
Does not participate in leisure time physical activity	59	8.7	1.5	5.8	11.5
<b>Smoking Status</b>					
Current smoker	25	5.5	1.3	3.0	8.1
Non-smoker	162	8.1	0.7	6.6	9.5
<b>Health Insurance Status</b>					
Insured	184	7.8	0.7	6.5	9.1
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

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

## Percentage of Adults Who Have Been Diagnosed With Skin Cancer, 2017

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,960	6.3	0.2	5.9	6.6
Northeast Corner Regionalization Initiative	198	7.2	0.6	6.0	8.3
<b>Gender</b>					
Men	84	7.4	0.9	5.6	9.2
Women	114	7.0	0.8	5.5	8.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	66	7.0	1.0	5.1	8.9
65 Years and Older	123	20.4	1.9	16.7	24.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	197	7.7	0.6	6.5	8.9
<b>Race</b>					
White	192	7.9	0.6	6.6	9.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	61	7.0	1.0	5.0	9.1
Some College or College Graduate	136	7.3	0.7	5.9	8.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	54	6.7	1.1	4.6	8.8
\$35,000 or Higher per Year	107	7.1	0.8	5.5	8.7
<b>Disability Status</b>					
Living with a Disability†	74	10.6	1.4	7.8	13.4
Living without a Disability	117	5.9	0.6	4.7	7.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	62	7.7	1.1	5.5	9.9
Overweight (25 ≤ BMI < 30)	65	8.6	1.2	6.3	10.9
Obese (BMI ≥ 30)	56	6.1	1.0	4.2	7.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	127	6.8	0.7	5.4	8.1
Does not participate in leisure time physical activity	61	9.2	1.4	6.6	11.9
<b>Smoking Status</b>					
Current smoker	21	4.4	1.2	2.1	6.7
Non-smoker	169	8.0	0.7	6.7	9.4
<b>Health Insurance Status</b>					
Insured	194	8.0	0.7	6.7	9.2
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,202	4.2	0.1	3.9	4.4
Northeast Corner Regionalization Initiative	96	3.9	0.5	2.9	4.8
<b>Gender</b>					
Men	57	5.3	0.8	3.7	6.9
Women	39	2.5	0.5	1.6	3.5
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	40	5.6	1.0	3.6	7.6
65 Years and Older	53	8.7	1.4	6.0	11.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	96	4.2	0.5	3.2	5.2
<b>Race</b>					
White	88	3.9	0.5	2.9	4.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	46	5.1	0.9	3.4	6.9
Some College or College Graduate	49	3.0	0.5	2.0	4.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	45	5.8	1.1	3.7	8.0
\$35,000 or Higher per Year	35	2.7	0.5	1.6	3.7
<b>Disability Status</b>					
Living with a Disability†	53	6.8	1.1	4.7	8.9
Living without a Disability	37	2.6	0.5	1.6	3.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	19	2.5	0.7	1.2	3.8
Overweight (25 ≤ BMI < 30)	40	6.2	1.2	3.8	8.5
Obese (BMI ≥ 30)	30	3.4	0.7	1.9	4.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	52	3.4	0.6	2.3	4.6
Does not participate in leisure time physical activity	35	5.0	1.0	3.0	6.9
<b>Smoking Status</b>					
Current smoker	22	5.0	1.2	2.5	7.4
Non-smoker	67	3.4	0.5	2.4	4.4
<b>Health Insurance Status</b>					
Insured	90	4.0	0.5	3.0	5.0
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,154	4.0	0.1	3.7	4.3
Northeast Corner Regionalization Initiative	106	4.2	0.5	3.2	5.2
<b>Gender</b>					
Men	55	5.0	0.8	3.4	6.5
Women	51	3.5	0.7	2.2	4.9
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	37	5.1	1.0	3.2	7.0
65 Years and Older	66	9.9	1.4	7.2	12.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	104	4.5	0.6	3.4	5.6
<b>Race</b>					
White	95	4.3	0.6	3.2	5.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	44	5.2	1.0	3.2	7.1
Some College or College Graduate	62	3.6	0.6	2.5	4.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	41	5.9	1.3	3.4	8.4
\$35,000 or Higher per Year	43	2.9	0.5	1.8	3.9
<b>Disability Status</b>					
Living with a Disability†	61	8.9	1.5	6.1	11.8
Living without a Disability	41	2.5	0.5	1.5	3.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	41	5.7	1.1	3.5	7.9
Obese (BMI ≥ 30)	36	4.0	0.8	2.5	5.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	55	3.6	0.7	2.3	4.9
Does not participate in leisure time physical activity	40	5.8	1.0	3.8	7.9
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	83	4.3	0.6	3.2	5.5
<b>Health Insurance Status</b>					
Insured	103	4.5	0.6	3.4	5.6
Uninsured	*	*	*	*	*

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

## Percentage of Adults Who Had a Stroke, 2017

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	799	2.9	0.1	2.7	3.2
Northeast Corner Regionalization Initiative	66	2.9	0.4	2.1	3.8
<b>Gender</b>					
Men	26	2.7	0.6	1.4	3.9
Women	40	3.1	0.6	2.0	4.3
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	24	3.8	0.9	2.0	5.5
65 Years and Older	36	5.5	1.1	3.4	7.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	65	3.1	0.5	2.2	4.0
<b>Race</b>					
White	57	2.8	0.5	1.9	3.7
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	27	3.7	0.8	2.0	5.3
Some College or College Graduate	38	2.4	0.5	1.5	3.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	34	5.3	1.1	3.1	7.6
\$35,000 or Higher per Year	20	1.5	0.4	0.7	2.2
<b>Disability Status</b>					
Living with a Disability†	46	8.0	1.4	5.2	10.8
Living without a Disability	18	1.0	0.3	0.5	1.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	16	2.7	0.8	1.2	4.3
Overweight (25 ≤ BMI < 30)	25	3.3	0.8	1.8	4.7
Obese (BMI ≥ 30)	19	3.1	0.9	1.4	4.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	37	2.7	0.5	1.7	3.7
Does not participate in leisure time physical activity	26	4.3	1.1	2.1	6.5
<b>Smoking Status</b>					
Current smoker	19	5.5	1.4	2.7	8.3
Non-smoker	45	2.4	0.4	1.5	3.2
<b>Health Insurance Status</b>					
Insured	63	3.2	0.5	2.2	4.1
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	8,757	32.8	0.4	32.0	33.5
Northeast Corner Regionalization Initiative	822	35.5	1.3	32.9	38.1
<b>Gender</b>					
Men	376	38.5	2.0	34.5	42.5
Women	446	32.7	1.7	29.4	36.0
<b>Age Group</b>					
18 to 44 Years	90	16.2	1.9	12.5	19.9
45 to 64 Years	320	41.3	2.1	37.1	45.5
65 Years and Older	402	64.9	2.2	60.5	69.3
<b>Ethnicity</b>					
Hispanic	24	35.1	6.9	21.6	48.6
Non-Hispanic	788	35.0	1.3	32.5	37.6
<b>Race</b>					
White	734	35.4	1.4	32.7	38.1
African American	41	35.3	6.3	23.0	47.7
Other	29	39.3	7.2	25.3	53.3
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	319	39.9	2.4	35.2	44.5
Some College or College Graduate	500	32.3	1.5	29.4	35.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	283	38.5	2.5	33.5	43.4
\$35,000 or Higher per Year	397	32.7	1.7	29.4	36.0
<b>Disability Status</b>					
Living with a Disability†	334	55.2	2.8	49.6	60.7
Living without a Disability	458	28.6	1.4	25.8	31.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	129	20.3	2.1	16.2	24.4
Overweight (25 ≤ BMI < 30)	266	39.9	2.5	35.0	44.8
Obese (BMI ≥ 30)	351	45.0	2.4	40.4	49.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	503	33.2	1.6	30.1	36.3
Does not participate in leisure time physical activity	261	44.2	2.9	38.5	49.9
<b>Smoking Status</b>					
Current smoker	123	34.1	3.3	27.7	40.5
Non-smoker	666	36.6	1.5	33.7	39.5
<b>Health Insurance Status</b>					
Insured	767	36.7	1.4	34.0	39.4
Uninsured	49	25.2	3.8	17.8	32.6

**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**

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**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 ‡**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,246	15.2	0.4	14.5	15.9
Northeast Corner Regionalization Initiative	187	14.3	1.2	11.9	16.6
<b>Gender</b>					
Men	101	17.7	2.0	13.8	21.5
Women	86	11.0	1.3	8.4	13.5
<b>Age Group</b>					
18 to 44 Years	99	25.3	2.6	20.3	30.3
45 to 64 Years	68	9.6	1.3	7.1	12.0
65 Years and Older	20	2.9	0.8	1.4	4.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	180	14.1	1.2	11.8	16.4
<b>Race</b>					
White	159	13.9	1.3	11.4	16.3
African American	12	16.7	4.8	7.3	26.1
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	80	17.5	2.3	13.1	21.9
Some College or College Graduate	107	12.3	1.3	9.7	14.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	67	18.4	2.7	13.2	23.7
\$35,000 or Higher per Year	96	12.9	1.4	10.1	15.7
<b>Disability Status</b>					
Living with a Disability†	49	15.7	2.5	10.9	20.5
Living without a Disability	127	13.7	1.4	11.0	16.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	70	22.0	2.9	16.3	27.7
Overweight (25 ≤ BMI < 30)	51	12.0	1.8	8.5	15.6
Obese (BMI ≥ 30)	50	10.4	1.6	7.1	13.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	110	13.0	1.4	10.3	15.7
Does not participate in leisure time physical activity	55	16.9	2.7	11.6	22.2
<b>Smoking Status</b>					
Current smoker	53	22.5	3.2	16.2	28.8
Non-smoker	121	11.9	1.3	9.4	14.4
<b>Health Insurance Status</b>					
Insured	148	12.3	1.2	10.0	14.6
Uninsured	39	32.5	4.9	22.9	42.0

**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 ‡**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,314	34.1	0.4	33.2	34.9
Northeast Corner Regionalization Initiative	697	36.1	1.4	33.3	38.8
<b>Gender</b>					
Men	302	37.1	2.2	32.8	41.3
Women	395	35.2	1.8	31.6	38.8
<b>Age Group</b>					
18 to 44 Years	46	10.9	1.8	7.4	14.4
45 to 64 Years	304	43.9	2.2	39.6	48.2
65 Years and Older	338	59.5	2.4	54.8	64.1
<b>Ethnicity</b>					
Hispanic	23	40.4	7.7	25.3	55.6
Non-Hispanic	671	35.8	1.4	33.0	38.5
<b>Race</b>					
White	635	36.5	1.5	33.6	39.4
African American	26	22.4	5.3	12.1	32.7
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	248	39.9	2.6	34.9	44.9
Some College or College Graduate	445	33.6	1.6	30.3	36.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	228	41.2	2.8	35.7	46.7
\$35,000 or Higher per Year	368	33.7	1.8	30.2	37.2
<b>Disability Status</b>					
Living with a Disability†	244	51.0	3.0	45.2	56.8
Living without a Disability	431	31.5	1.6	28.4	34.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	129	25.0	2.4	20.3	29.8
Overweight (25 ≤ BMI < 30)	222	38.4	2.6	33.3	43.5
Obese (BMI ≥ 30)	289	42.9	2.5	38.0	47.7
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	450	34.5	1.7	31.2	37.8
Does not participate in leisure time physical activity	196	43.3	3.0	37.3	49.2
<b>Smoking Status</b>					
Current smoker	100	35.3	3.7	28.0	42.6
Non-smoker	569	36.9	1.6	33.9	40.0
<b>Health Insurance Status</b>					
Insured	656	37.1	1.5	34.2	39.9
Uninsured	38	30.5	5.0	20.8	40.2

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,644	6.4	0.2	6.0	6.8
Northeast Corner Regionalization Initiative	165	7.0	0.7	5.7	8.3
<b>Gender</b>					
Men	59	5.4	0.9	3.8	7.1
Women	106	8.5	1.0	6.6	10.4
<b>Age Group</b>					
18 to 44 Years	*	*	*	*	*
45 to 64 Years	68	9.1	1.3	6.6	11.6
65 Years and Older	83	14.2	1.7	10.8	17.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	162	7.3	0.7	5.9	8.6
<b>Race</b>					
White	148	7.1	0.7	5.7	8.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	77	9.5	1.3	7.0	11.9
Some College or College Graduate	87	5.5	0.7	4.1	6.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	89	13.2	1.7	9.9	16.5
\$35,000 or Higher per Year	43	3.1	0.5	2.0	4.1
<b>Disability Status</b>					
Living with a Disability†	104	17.0	2.0	13.2	20.8
Living without a Disability	54	3.1	0.5	2.2	4.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	43	6.5	1.2	4.2	8.8
Overweight (25 ≤ BMI < 30)	43	5.6	1.0	3.6	7.5
Obese (BMI ≥ 30)	66	8.8	1.3	6.2	11.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	87	5.6	0.7	4.2	7.0
Does not participate in leisure time physical activity	65	11.1	1.7	7.8	14.4
<b>Smoking Status</b>					
Current smoker	48	11.3	1.9	7.5	15.1
Non-smoker	111	6.1	0.7	4.8	7.5
<b>Health Insurance Status</b>					
Insured	149	7.0	0.7	5.6	8.3
Uninsured	15	7.9	2.2	3.5	12.3

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

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

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

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,374	20.9	0.4	20.2	21.6
Northeast Corner Regionalization Initiative	426	23.1	1.2	20.7	25.6
<b>Gender</b>					
Men	129	17.8	1.7	14.4	21.2
Women	297	28.0	1.8	24.6	31.5
<b>Age Group</b>					
18 to 44 Years	130	25.4	2.3	21.0	29.8
45 to 64 Years	168	22.9	1.9	19.2	26.5
65 Years and Older	124	18.9	1.8	15.3	22.6
<b>Ethnicity</b>					
Hispanic	19	27.2	6.4	14.7	39.7
Non-Hispanic	402	22.7	1.3	20.3	25.2
<b>Race</b>					
White	382	23.3	1.3	20.7	25.9
African American	*	*	*	*	*
Other	18	29.6	6.6	16.6	42.6
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	148	24.6	2.2	20.2	29.0
Some College or College Graduate	276	21.8	1.4	19.0	24.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	169	29.5	2.5	24.7	34.4
\$35,000 or Higher per Year	194	19.8	1.5	16.7	22.8
<b>Disability Status</b>					
Living with a Disability†	220	42.8	2.8	37.3	48.3
Living without a Disability	194	16.4	1.3	13.8	19.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	103	22.7	2.4	17.9	27.4
Overweight (25 ≤ BMI < 30)	112	19.3	2.1	15.3	23.4
Obese (BMI ≥ 30)	177	28.6	2.3	24.1	33.1
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	255	21.6	1.5	18.7	24.6
Does not participate in leisure time physical activity	137	29.9	2.8	24.4	35.5
<b>Smoking Status</b>					
Current smoker	114	38.0	3.5	31.1	45.0
Non-smoker	294	19.7	1.3	17.1	22.2
<b>Health Insurance Status</b>					
Insured	388	22.9	1.3	20.4	25.5
Uninsured	36	24.0	4.0	16.2	31.8

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

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

## Percentage of Adults with Diagnosed Diabetes, 2017

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,844	10.5	0.2	10.0	11.0
Northeast Corner Regionalization Initiative	275	11.5	0.8	9.9	13.2
<b>Gender</b>					
Men	113	11.2	1.3	8.8	13.7
Women	162	11.8	1.1	9.6	14.1
<b>Age Group</b>					
18 to 44 Years	17	2.7	0.7	1.2	4.1
45 to 64 Years	115	15.4	1.7	12.2	18.7
65 Years and Older	138	22.6	2.1	18.6	26.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	257	10.9	0.8	9.3	12.5
<b>Race</b>					
White	241	11.4	0.9	9.7	13.2
African American	*	*	*	*	*
Other	13	20.7	6.1	8.8	32.6
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	116	14.9	1.7	11.6	18.2
Some College or College Graduate	157	9.2	0.8	7.6	10.9
<b>Annual Household Income</b>					
Less than \$35,000 per Year	118	15.3	1.8	11.9	18.8
\$35,000 or Higher per Year	102	8.6	1.0	6.6	10.5
<b>Disability Status</b>					
Living with a Disability†	130	21.2	2.3	16.8	25.6
Living without a Disability	132	7.7	0.8	6.2	9.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	28	4.9	1.1	2.8	7.1
Overweight (25 ≤ BMI < 30)	67	9.0	1.5	6.1	11.9
Obese (BMI ≥ 30)	151	19.5	1.8	15.9	23.0
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	150	9.1	0.9	7.4	10.8
Does not participate in leisure time physical activity	96	16.2	2.0	12.2	20.2
<b>Smoking Status</b>					
Current smoker	49	11.5	2.0	7.6	15.5
Non-smoker	212	11.7	1.0	9.8	13.6
<b>Health Insurance Status</b>					
Insured	261	12.4	0.9	10.6	14.2
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†

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,832	25.9	0.4	25.2	26.7
Northeast Corner Regionalization Initiative	547	28.0	1.3	25.4	30.7
<b>Gender</b>					
Men	208	26.6	2.0	22.6	30.5
Women	339	29.3	1.8	25.9	32.8
<b>Age Group</b>					
18 to 44 Years	89	19.7	2.2	15.3	24.0
45 to 64 Years	201	28.8	2.1	24.7	32.9
65 Years and Older	254	44.5	2.5	39.7	49.4
<b>Ethnicity</b>					
Hispanic	20	31.5	7.1	17.6	45.4
Non-Hispanic	521	27.4	1.3	24.8	30.0
<b>Race</b>					
White	474	27.1	1.4	24.4	29.9
African American	30	28.6	6.3	16.2	41.0
Other	24	41.4	7.5	26.7	56.2
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	249	37.6	2.5	32.7	42.5
Some College or College Graduate	295	21.3	1.4	18.6	24.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	269	43.8	2.8	38.4	49.2
\$35,000 or Higher per Year	190	18.5	1.5	15.5	21.5
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	125	27.7	2.7	22.4	33.1
Overweight (25 ≤ BMI < 30)	159	25.3	2.3	20.8	29.8
Obese (BMI ≥ 30)	230	32.1	2.3	27.6	36.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	310	24.7	1.6	21.6	27.8
Does not participate in leisure time physical activity	209	36.6	2.8	31.2	42.0
<b>Smoking Status</b>					
Current smoker	130	38.8	3.5	31.9	45.6
Non-smoker	410	25.1	1.4	22.3	27.9
<b>Health Insurance Status</b>					
Insured	500	28.1	1.4	25.4	30.9
Uninsured	44	26.3	4.1	18.3	34.2

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	15,354	81.0	0.4	80.3	81.7
Northeast Corner Regionalization Initiative	1,374	82.6	1.2	80.2	84.9
<b>Gender</b>					
Men	572	81.2	1.8	77.6	84.8
Women	802	83.8	1.5	80.8	86.7
<b>Age Group</b>					
18 to 44 Years	345	80.2	2.2	75.9	84.5
45 to 64 Years	569	84.2	1.7	80.9	87.4
65 Years and Older	459	84.5	1.8	80.9	88.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	1,326	82.5	1.2	80.1	84.8
<b>Race</b>					
White	1,247	82.7	1.2	80.3	85.1
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	470	85.7	2.0	81.8	89.5
Some College or College Graduate	901	80.5	1.5	77.7	83.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	448	90.6	1.7	87.1	94.0
\$35,000 or Higher per Year	743	79.0	1.6	75.8	82.1
<b>Disability Status</b>					
Living with a Disability†	425	85.6	2.3	81.1	90.2
Living without a Disability	944	81.4	1.4	78.7	84.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	341	79.1	2.4	74.4	83.8
Overweight (25 ≤ BMI < 30)	430	82.5	2.2	78.2	86.7
Obese (BMI ≥ 30)	501	84.5	1.9	80.7	88.2
<b>Smoking Status</b>					
Current smoker	246	89.7	2.3	85.3	94.2
Non-smoker	1,118	80.6	1.4	77.9	83.3
<b>Health Insurance Status</b>					
Insured	1,252	82.0	1.3	79.6	84.5
Uninsured	115	90.2	2.6	85.2	95.2

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	7,754	41.2	0.5	40.3	42.1
Northeast Corner Regionalization Initiative	681	40.8	1.6	37.8	43.9
<b>Gender</b>					
Men	269	38.7	2.4	34.0	43.3
Women	412	42.7	2.1	38.7	46.7
<b>Age Group</b>					
18 to 44 Years	159	39.1	2.8	33.5	44.7
45 to 64 Years	304	42.9	2.3	38.5	47.4
65 Years and Older	217	40.1	2.6	35.1	45.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	653	39.7	1.5	36.6	42.7
<b>Race</b>					
White	620	40.9	1.6	37.7	44.1
African American	32	50.7	7.7	35.6	65.7
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	267	48.8	2.8	43.3	54.4
Some College or College Graduate	414	35.8	1.8	32.3	39.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	240	47.4	3.0	41.5	53.4
\$35,000 or Higher per Year	323	34.4	1.9	30.7	38.1
<b>Disability Status</b>					
Living with a Disability†	253	46.8	2.9	41.1	52.6
Living without a Disability	424	38.4	1.9	34.8	42.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	149	36.3	3.1	30.2	42.4
Overweight (25 ≤ BMI < 30)	189	36.0	2.6	30.8	41.1
Obese (BMI ≥ 30)	281	46.5	2.6	41.4	51.7
<b>Smoking Status</b>					
Current smoker	141	48.7	3.9	41.1	56.3
Non-smoker	537	38.8	1.7	35.5	42.0
<b>Health Insurance Status</b>					
Insured	609	39.6	1.6	36.4	42.8
Uninsured	68	50.7	5.2	40.6	60.9

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	5,721	27.9	0.4	27.1	28.7
Northeast Corner Regionalization Initiative	494	27.8	1.4	25.0	30.5
<b>Gender</b>					
Men	203	26.8	2.1	22.7	30.9
Women	291	28.7	1.9	25.0	32.3
<b>Age Group</b>					
18 to 44 Years	107	26.0	2.6	21.0	31.1
45 to 64 Years	202	27.3	2.0	23.4	31.2
65 Years and Older	184	32.6	2.4	27.9	37.3
<b>Ethnicity</b>					
Hispanic	18	44.8	8.4	28.4	61.3
Non-Hispanic	471	26.5	1.4	23.9	29.2
<b>Race</b>					
White	447	28.1	1.5	25.2	31.0
African American	24	27.9	6.1	15.9	39.9
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	224	38.6	2.7	33.3	43.8
Some College or College Graduate	270	21.0	1.4	18.2	23.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	198	36.6	2.8	31.1	42.2
\$35,000 or Higher per Year	203	20.5	1.6	17.4	23.5
<b>Disability Status</b>					
Living with a Disability†	209	36.3	2.7	31.0	41.5
Living without a Disability	282	24.4	1.7	21.2	27.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	105	24.2	2.8	18.7	29.6
Overweight (25 ≤ BMI < 30)	141	25.5	2.3	21.0	30.1
Obese (BMI ≥ 30)	201	30.9	2.4	26.2	35.5
<b>Smoking Status</b>					
Current smoker	106	36.5	3.7	29.3	43.7
Non-smoker	385	25.5	1.5	22.6	28.4
<b>Health Insurance Status</b>					
Insured	441	26.6	1.4	23.8	29.4
Uninsured	50	36.4	4.8	27.1	45.8

**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‡**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,946	37.5	0.4	36.7	38.4
Northeast Corner Regionalization Initiative	599	37.1	1.5	34.2	40.0
<b>Gender</b>					
Men	288	42.2	2.3	37.8	46.7
Women	311	32.5	1.9	28.7	36.3
<b>Age Group</b>					
18 to 44 Years	160	37.8	2.7	32.4	43.1
45 to 64 Years	261	37.9	2.2	33.6	42.1
65 Years and Older	170	33.3	2.5	28.4	38.1
<b>Ethnicity</b>					
Hispanic	17	33.8	7.6	18.9	48.8
Non-Hispanic	578	37.6	1.5	34.6	40.5
<b>Race</b>					
White	547	38.2	1.6	35.1	41.3
African American	24	30.3	6.4	17.7	43.0
Other	14	24.5	6.8	11.3	37.7
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	243	43.5	2.7	38.2	48.8
Some College or College Graduate	355	33.1	1.7	29.8	36.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	204	42.3	2.9	36.7	48.0
\$35,000 or Higher per Year	313	34.0	1.9	30.4	37.7
<b>Disability Status</b>					
Living with a Disability†	201	43.9	3.0	38.1	49.7
Living without a Disability	393	34.2	1.7	30.8	37.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	138	31.5	2.8	26.0	37.1
Overweight (25 ≤ BMI < 30)	196	39.0	2.7	33.7	44.2
Obese (BMI ≥ 30)	224	39.7	2.5	34.7	44.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	379	33.6	1.7	30.2	37.0
Does not participate in leisure time physical activity	204	48.0	3.1	41.9	54.1
<b>Smoking Status</b>					
Current smoker	139	47.7	3.8	40.2	55.1
Non-smoker	455	34.4	1.6	31.3	37.4
<b>Health Insurance Status</b>					
Insured	537	36.9	1.6	33.8	40.0
Uninsured	57	38.9	4.8	29.5	48.3

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‡**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,049	17.3	0.4	16.6	18.0
Northeast Corner Regionalization Initiative	289	18.4	1.2	16.0	20.8
<b>Gender</b>					
Men	130	20.4	2.0	16.6	24.2
Women	159	16.5	1.5	13.5	19.5
<b>Age Group</b>					
18 to 44 Years	80	20.3	2.3	15.8	24.9
45 to 64 Years	121	17.1	1.6	13.8	20.3
65 Years and Older	87	17.0	2.0	13.0	20.9
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	272	17.9	1.2	15.5	20.3
<b>Race</b>					
White	256	18.0	1.3	15.5	20.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	121	22.2	2.3	17.8	26.7
Some College or College Graduate	166	15.4	1.3	12.8	18.0
<b>Annual Household Income</b>					
Less than \$35,000 per Year	124	27.3	2.7	22.1	32.6
\$35,000 or Higher per Year	126	13.8	1.4	11.2	16.5
<b>Disability Status</b>					
Living with a Disability†	107	24.5	2.7	19.3	29.8
Living without a Disability	181	16.0	1.3	13.4	18.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	67	17.2	2.4	12.5	21.9
Overweight (25 ≤ BMI < 30)	77	16.1	2.0	12.1	20.1
Obese (BMI ≥ 30)	118	18.9	2.0	15.1	22.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	195	17.6	1.4	14.8	20.4
Does not participate in leisure time physical activity	93	21.3	2.5	16.5	26.2
<b>Smoking Status</b>					
Current smoker	60	19.1	2.9	13.4	24.7
Non-smoker	227	17.9	1.3	15.3	20.5
<b>Health Insurance Status</b>					
Insured	257	17.8	1.3	15.3	20.4
Uninsured	29	23.1	4.1	15.0	31.2

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,969	12.5	0.3	11.8	13.1
Northeast Corner Regionalization Initiative	162	11.1	1.0	9.2	13.0
<b>Gender</b>					
Men	74	11.4	1.5	8.5	14.3
Women	88	10.8	1.3	8.3	13.3
<b>Age Group</b>					
18 to 44 Years	65	13.5	1.8	10.1	16.9
45 to 64 Years	87	13.9	1.6	10.7	17.1
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	150	10.6	1.0	8.7	12.5
<b>Race</b>					
White	130	9.9	1.0	8.0	11.8
African American	13	20.1	5.7	8.8	31.3
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	85	16.3	1.9	12.5	20.1
Some College or College Graduate	77	7.8	1.0	5.9	9.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	80	18.4	2.2	14.1	22.8
\$35,000 or Higher per Year	46	5.5	0.9	3.7	7.3
<b>Disability Status</b>					
Living with a Disability†	44	10.3	1.7	6.9	13.6
Living without a Disability	108	11.2	1.2	8.8	13.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	42	10.3	1.8	6.7	13.9
Overweight (25 ≤ BMI < 30)	49	11.2	1.7	7.9	14.5
Obese (BMI ≥ 30)	49	9.3	1.5	6.3	12.3
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	95	9.7	1.1	7.5	11.9
Does not participate in leisure time physical activity	50	14.5	2.2	10.2	18.8
<b>Smoking Status</b>					
Current smoker	52	17.9	2.7	12.6	23.1
Non-smoker	96	8.6	1.0	6.6	10.5

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,830	15.3	0.4	14.5	16.1
Northeast Corner Regionalization Initiative	152	13.7	1.2	11.3	16.0
<b>Gender</b>					
Men	69	13.8	1.8	10.2	17.4
Women	83	13.5	1.6	10.4	16.7
<b>Age Group</b>					
18 to 44 Years	65	13.5	1.8	10.1	16.9
45 to 64 Years	87	13.9	1.6	10.7	17.1
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	141	13.3	1.2	10.9	15.7
<b>Race</b>					
White	122	12.4	1.2	10.0	14.8
African American	12	21.3	6.2	9.1	33.4
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	79	20.9	2.5	16.0	25.8
Some College or College Graduate	73	9.4	1.2	7.1	11.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	73	23.7	2.9	18.0	29.4
\$35,000 or Higher per Year	45	6.5	1.1	4.4	8.7
<b>Disability Status</b>					
Living with a Disability†	40	14.7	2.5	9.8	19.5
Living without a Disability	102	13.1	1.4	10.3	15.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	41	12.9	2.3	8.4	17.4
Overweight (25 ≤ BMI < 30)	45	14.6	2.3	10.2	19.0
Obese (BMI ≥ 30)	45	10.8	1.8	7.3	14.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	88	11.7	1.4	9.0	14.4
Does not participate in leisure time physical activity	47	18.6	2.8	13.1	24.2
<b>Smoking Status</b>					
Current smoker	52	19.3	2.9	13.6	24.9
Non-smoker	87	11.0	1.3	8.4	13.5

Numerator: Respondents ages 18-64 years old who reported they had no health care coverage.

Denominator: All respondents ages 18-64 years old, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

## Percentage of Adults with No Personal Doctor or Health Care Provider, 2017

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,646	22.4	0.4	21.7	23.2
Northeast Corner Regionalization Initiative	288	20.4	1.3	17.9	22.9
<b>Gender</b>					
Men	162	25.4	2.1	21.3	29.5
Women	126	15.8	1.6	12.7	18.8
<b>Age Group</b>					
18 to 44 Years	145	31.0	2.5	26.2	35.9
45 to 64 Years	104	16.3	1.7	12.9	19.7
65 Years and Older	38	5.7	1.0	3.7	7.7
<b>Ethnicity</b>					
Hispanic	15	32.8	7.5	18.1	47.4
Non-Hispanic	271	19.4	1.3	17.0	21.9
<b>Race</b>					
White	237	18.7	1.3	16.0	21.3
African American	21	34.7	6.8	21.3	48.1
Other	18	31.6	7.0	17.8	45.3
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	112	24.2	2.4	19.5	28.9
Some College or College Graduate	174	17.6	1.4	14.8	20.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	110	27.0	2.7	21.7	32.3
\$35,000 or Higher per Year	126	14.8	1.4	12.0	17.6
<b>Disability Status</b>					
Living with a Disability†	64	18.3	2.6	13.3	23.3
Living without a Disability	205	20.7	1.5	17.7	23.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	87	22.7	2.7	17.4	28.7
Overweight (25 ≤ BMI < 30)	86	19.7	2.2	15.3	24.0
Obese (BMI ≥ 30)	84	17.5	2.0	13.6	21.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	181	20.1	1.6	17.1	23.1
Does not participate in leisure time physical activity	76	21.5	2.9	15.9	27.7
<b>Smoking Status</b>					
Current smoker	70	27.8	3.3	21.3	34.3
Non-smoker	194	17.2	1.4	14.5	19.9
<b>Health Insurance Status</b>					
Insured	211	16.0	1.3	13.5	18.5
Uninsured	74	54.2	4.6	45.1	63.3

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

**Percentage of Adults Who Could Not See a Doctor Because of Cost In the Past 12 Months, 2017**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,144	12.1	0.3	11.5	12.7
Northeast Corner Regionalization Initiative	177	11.0	1.0	9.1	12.9
<b>Gender</b>					
Men	65	9.2	1.3	6.8	11.7
Women	112	12.6	1.4	9.8	15.4
<b>Age Group</b>					
18 to 44 Years	63	12.1	1.7	8.9	15.4
45 to 64 Years	96	14.6	1.7	11.3	18.0
65 Years and Older	17	2.3	0.7	1.0	3.6
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	164	10.3	0.9	8.5	12.1
<b>Race</b>					
White	146	10.1	1.0	8.2	12.1
African American	13	15.3	4.5	6.5	24.1
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	66	12.4	1.8	8.8	15.9
Some College or College Graduate	109	10.1	1.1	8.0	12.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	99	18.8	2.1	14.7	22.9
\$35,000 or Higher per Year	54	7.3	1.2	5.0	9.6
<b>Disability Status</b>					
Living with a Disability†	93	21.9	2.6	16.8	26.9
Living without a Disability	73	6.5	0.9	4.8	8.2

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	46	12.2	2.0	8.2	16.2
Overweight (25 ≤ BMI < 30)	50	11.3	1.9	7.5	15.1
Obese (BMI ≥ 30)	64	10.7	1.5	7.8	13.6
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	106	10.1	1.2	7.9	12.4
Does not participate in leisure time physical activity	52	11.9	1.9	8.2	15.6
<b>Smoking Status</b>					
Current smoker	57	18.5	2.7	13.1	23.9
Non-smoker	108	8.8	1.0	6.8	10.8
<b>Health Insurance Status</b>					
Insured	122	8.1	0.9	6.3	9.8
Uninsured	55	35.7	4.4	26.9	44.4

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,766	16.7	0.3	16.0	17.3
Northeast Corner Regionalization Initiative	361	17.8	1.1	15.6	19.9
<b>Gender</b>					
Men	151	18.2	1.7	14.9	21.6
Women	210	17.3	1.4	14.6	20.0
<b>Age Group</b>					
18 to 44 Years	65	12.8	1.8	9.3	16.3
45 to 64 Years	154	20.7	1.8	17.2	24.2
65 Years and Older	137	22.9	2.1	18.8	27.0
<b>Ethnicity</b>					
Hispanic	15	23.6	6.3	11.3	35.9
Non-Hispanic	342	17.2	1.1	15.1	19.3
<b>Race</b>					
White	306	17.0	1.1	14.7	19.2
African American	25	24.5	5.9	12.8	36.2
Other	18	21.6	5.6	10.5	32.6
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	170	23.8	2.1	19.7	27.8
Some College or College Graduate	190	13.5	1.1	11.3	15.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	170	27.2	2.4	22.5	31.9
\$35,000 or Higher per Year	118	11.5	1.2	9.2	13.9
<b>Disability Status</b>					
Living with a Disability†	246	44.4	2.8	38.9	49.9
Living without a Disability	107	8.2	0.9	6.4	10.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	76	13.9	1.9	10.1	17.6
Overweight (25 ≤ BMI < 30)	94	13.9	1.7	10.7	17.2
Obese (BMI ≥ 30)	161	25.1	2.2	20.9	29.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	182	14.3	1.3	11.8	16.8
Does not participate in leisure time physical activity	149	28.5	2.6	23.4	33.6
<b>Smoking Status</b>					
Current smoker	95	26.6	3.0	20.8	32.5
Non-smoker	254	15.9	1.2	13.5	18.2
<b>Health Insurance Status</b>					
Insured	312	16.3	1.1	14.2	18.5
Uninsured	48	28.4	4.1	20.3	36.5

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,574	11.3	0.3	10.8	11.8
Northeast Corner Regionalization Initiative	244	11.8	1.0	9.9	13.7
<b>Gender</b>					
Men	85	11.0	1.5	8.0	14.0
Women	159	12.5	1.2	10.1	14.8
<b>Age Group</b>					
18 to 44 Years	42	8.6	1.7	5.4	11.9
45 to 64 Years	106	13.8	1.5	10.8	16.8
65 Years and Older	95	15.3	1.7	12.0	18.5
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	231	11.5	1.0	9.6	13.4
<b>Race</b>					
White	213	11.4	1.0	9.5	13.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	107	16.4	2.0	12.6	20.3
Some College or College Graduate	136	8.5	0.9	6.8	10.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	122	19.5	2.2	15.2	23.8
\$35,000 or Higher per Year	79	7.0	1.0	5.1	8.9
<b>Disability Status</b>					
Living with a Disability†	185	35.0	2.8	29.4	40.5
Living without a Disability	54	3.5	0.6	2.4	4.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	64	13.6	2.3	9.2	18.1
Overweight (25 ≤ BMI < 30)	67	10.5	1.5	7.6	13.4
Obese (BMI ≥ 30)	96	12.1	1.5	9.2	14.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	124	10.2	1.2	7.8	12.5
Does not participate in leisure time physical activity	102	17.8	2.1	13.7	21.9
<b>Smoking Status</b>					
Current smoker	67	20.3	2.9	14.6	26.1
Non-smoker	168	9.7	0.9	7.8	11.5
<b>Health Insurance Status</b>					
Insured	216	10.7	0.9	8.8	12.5
Uninsured	27	19.0	3.9	11.3	26.7

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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,163	11.4	0.3	10.8	12.0
Northeast Corner Regionalization Initiative	190	10.6	0.9	8.8	12.4
<b>Gender</b>					
Men	64	8.7	1.2	6.3	11.2
Women	126	12.4	1.4	9.7	15.0
<b>Age Group</b>					
18 to 44 Years	63	12.5	1.7	9.1	16.0
45 to 64 Years	75	10.3	1.4	7.6	13.0
65 Years and Older	48	6.7	1.1	4.5	8.8
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	179	10.2	0.9	8.4	12.0
<b>Race</b>					
White	165	10.3	1.0	8.4	12.3
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	74	12.9	1.8	9.5	16.4
Some College or College Graduate	115	9.2	1.0	7.1	11.2
<b>Annual Household Income</b>					
Less than \$35,000 per Year	99	16.9	2.0	13.0	20.7
\$35,000 or Higher per Year	65	7.7	1.1	5.5	9.9
<b>Disability Status</b>					
Living with a Disability†	123	23.8	2.4	19.2	28.5
Living without a Disability	61	6.0	1.0	4.1	7.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	39	8.2	1.5	5.2	11.1
Overweight (25 ≤ BMI < 30)	47	9.4	1.7	6.2	12.7
Obese (BMI ≥ 30)	86	14.5	1.9	10.8	18.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	104	9.1	1.0	7.1	11.1
Does not participate in leisure time physical activity	70	15.6	2.4	10.9	20.3
<b>Smoking Status</b>					
Current smoker	47	15.7	2.7	10.4	21.0
Non-smoker	134	9.6	1.0	7.6	11.5
<b>Health Insurance Status</b>					
Insured	165	9.7	0.9	7.8	11.5
Uninsured	25	19.1	3.8	11.6	26.6

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

Denominator: All respondents, excluding unknowns and refusals.

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

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

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	4,399	40.8	0.6	39.6	42.0
Northeast Corner Regionalization Initiative	381	39.4	2.0	35.4	43.5
<b>Gender</b>					
Men	128	36.0	3.2	29.6	42.3
Women	253	42.1	2.6	37.0	47.2
<b>Age Group</b>					
18 to 44 Years	106	36.6	3.4	29.9	43.2
45 to 64 Years	164	44.7	3.2	38.5	51.0
65 Years and Older	107	37.4	3.4	30.7	44.1
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	360	38.2	2.0	34.2	42.3
<b>Race</b>					
White	332	38.7	2.2	34.4	42.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	138	39.4	3.5	32.6	46.1
Some College or College Graduate	241	39.0	2.4	34.2	43.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	169	44.8	3.5	37.9	51.7
\$35,000 or Higher per Year	153	33.5	2.7	28.2	38.8
<b>Disability Status</b>					
Living with a Disability†	218	54.5	3.5	47.7	61.3
Living without a Disability	152	30.8	2.6	25.6	36.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	86	32.1	3.7	24.8	39.5
Overweight (25 ≤ BMI < 30)	97	39.5	3.9	31.8	47.1
Obese (BMI ≥ 30)	160	43.8	3.4	37.3	50.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	228	37.7	2.5	32.8	42.6
Does not participate in leisure time physical activity	124	45.6	4.2	37.5	53.8
<b>Smoking Status</b>					
Current smoker	92	45.6	4.7	36.3	54.8
Non-smoker	275	37.9	2.3	33.4	42.4
<b>Health Insurance Status</b>					
Insured	339	39.0	2.2	34.8	43.3
Uninsured	41	42.6	6.1	30.6	54.6

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	11,141	61.6	0.4	60.7	62.4
Northeast Corner Regionalization Initiative	975	62.1	1.4	59.3	64.9
<b>Gender</b>					
Men	458	68.5	2.0	64.6	72.5
Women	517	56.3	2.0	52.4	60.2
<b>Age Group</b>					
18 to 44 Years	315	72.3	2.4	67.5	77.0
45 to 64 Years	419	62.2	2.1	58.0	66.4
65 Years and Older	231	40.4	2.5	35.5	45.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	942	61.6	1.4	58.8	64.4
<b>Race</b>					
White	864	60.5	1.5	57.5	63.5
African American	44	78.1	5.2	67.9	88.3
Other	34	67.9	7.7	52.9	82.9
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	358	67.4	2.4	62.7	72.1
Some College or College Graduate	615	58.4	1.7	55.0	61.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	310	65.7	2.6	60.5	70.9
\$35,000 or Higher per Year	513	58.4	1.9	54.7	62.1
<b>Disability Status</b>					
Living with a Disability†	274	60.4	2.7	55.1	65.7
Living without a Disability	695	62.6	1.7	59.3	66.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	283	67.3	2.6	62.2	72.3
Overweight (25 ≤ BMI < 30)	292	61.8	2.5	56.9	66.8
Obese (BMI ≥ 30)	319	57.5	2.5	52.6	62.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	679	61.4	1.7	58.2	64.7
Does not participate in leisure time physical activity	289	63.4	2.9	57.8	69.1
<b>Smoking Status</b>					
Current smoker	206	73.6	3.4	67.0	80.3
Non-smoker	760	58.6	1.6	55.5	61.7
<b>Health Insurance Status</b>					
Insured	847	58.6	1.5	55.6	61.6
Uninsured	120	87.6	2.8	82.1	93.1

**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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,774	44.0	0.7	42.5	45.4
Northeast Corner Regionalization Initiative	231	40.4	2.5	35.5	45.2
<b>Gender</b>					
Men	93	40.8	3.9	33.1	48.4
Women	138	40.1	3.1	33.9	46.2
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	228	40.6	2.5	35.7	45.5
<b>Race</b>					
White	213	39.5	2.5	34.5	44.4
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	94	42.6	4.1	34.7	50.6
Some College or College Graduate	137	38.9	3.0	33.0	44.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	86	42.8	4.4	34.3	51.4
\$35,000 or Higher per Year	97	34.4	3.4	27.9	41.0
<b>Disability Status</b>					
Living with a Disability†	93	36.8	3.8	29.3	44.2
Living without a Disability	136	43.0	3.2	36.7	49.2
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	63	41.0	4.7	31.9	50.1
Overweight (25 ≤ BMI < 30)	94	46.7	4.0	38.9	54.4
Obese (BMI ≥ 30)	57	31.7	4.4	23.1	40.3

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	143	38.3	2.9	32.5	44.7
Does not participate in leisure time physical activity	87	44.9	4.5	36.1	53.8
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	205	39.0	2.5	34.1	44.0
<b>Health Insurance Status</b>					
Insured	226	40.4	2.5	35.5	45.3
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,472	23.5	0.6	22.2	24.8
Northeast Corner Regionalization Initiative	115	19.0	1.9	15.2	22.8
<b>Gender</b>					
Men	54	22.2	3.2	16.0	28.4
Women	61	16.7	2.4	12.0	21.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	114	19.3	2.0	15.5	23.1
<b>Race</b>					
White	111	19.7	2.0	15.8	23.6
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	48	19.4	3.1	13.4	25.5
Some College or College Graduate	67	18.8	2.4	14.1	23.5
<b>Annual Household Income</b>					
Less than \$35,000 per Year	41	17.7	3.1	11.6	23.7
\$35,000 or Higher per Year	50	16.6	2.5	11.7	21.6
<b>Disability Status</b>					
Living with a Disability†	42	15.1	2.6	10.1	20.1
Living without a Disability	73	22.4	2.8	17.0	27.8
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	37	22.0	3.8	14.6	29.5
Overweight (25 ≤ BMI < 30)	35	16.5	3.0	10.7	22.3
Obese (BMI ≥ 30)	32	18.0	3.6	10.9	25.1

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	70	18.5	2.4	13.8	23.2
Does not participate in leisure time physical activity	44	19.3	3.1	13.2	25.5
<b>Smoking Status</b>					
Current smoker	*	*	*	*	*
Non-smoker	102	18.6	2.0	14.7	22.5
<b>Health Insurance Status</b>					
Insured	111	18.8	1.9	15.0	22.5
Uninsured	*	*	*	*	*

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

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

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

\* Insufficient sample and/or statistically unreliable estimate

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

Please refer to Technical Notes for more information.

**Percentage of Adults Who Reported That They Do Not Always Wear a Seatbelt  
When They Drive or Ride in a Car, 2017**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,294	16.6	0.3	16.0	17.3
Northeast Corner Regionalization Initiative	319	18.3	1.2	16.1	20.6
<b>Gender</b>					
Men	193	25.4	2.0	21.5	29.3
Women	126	12.1	1.3	9.6	14.5
<b>Age Group</b>					
18 to 44 Years	104	21.9	2.2	17.5	26.3
45 to 64 Years	137	17.5	1.6	14.4	20.6
65 Years and Older	74	12.2	1.6	9.1	15.4
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	310	19.0	1.2	16.6	21.3
<b>Race</b>					
White	287	18.1	1.2	15.7	20.5
African American	*	*	*	*	*
Other	11	22.5	6.6	9.6	35.3
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	120	20.0	2.1	15.9	24.1
Some College or College Graduate	199	17.4	1.4	14.7	20.1
<b>Annual Household Income</b>					
Less than \$35,000 per Year	105	19.5	2.4	14.8	24.1
\$35,000 or Higher per Year	180	19.1	1.5	16.1	22.0
<b>Disability Status</b>					
Living with a Disability†	107	22.7	2.5	17.8	27.5
Living without a Disability	208	16.4	1.3	13.9	19.0

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	69	18.3	2.5	13.5	23.1
Overweight (25 ≤ BMI < 30)	88	16.1	1.9	12.3	19.8
Obese (BMI ≥ 30)	146	21.8	2.0	17.8	25.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	211	18.1	1.4	15.3	20.8
Does not participate in leisure time physical activity	107	19.2	2.2	15.0	23.5
<b>Smoking Status</b>					
Current smoker	69	21.0	2.9	15.3	26.6
Non-smoker	249	17.9	1.3	15.4	20.4
<b>Health Insurance Status</b>					
Insured	288	18.3	1.2	15.9	20.6
Uninsured	30	20.7	4.2	12.5	28.9

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	3,145	17.4	0.4	16.7	18.1
Northeast Corner Regionalization Initiative	308	21.1	1.3	18.5	23.7
<b>Gender</b>					
Men	142	22.6	2.0	18.8	26.5
Women	166	19.7	1.8	16.3	23.2
<b>Age Group</b>					
18 to 44 Years	113	26.2	2.5	21.4	31.1
45 to 64 Years	147	23.2	2.0	19.3	27.0
65 Years and Older	47	7.1	1.2	4.7	9.5
<b>Ethnicity</b>					
Hispanic	11	23.5	6.8	10.1	36.9
Non-Hispanic	295	21.0	1.3	18.4	23.6
<b>Race</b>					
White	260	19.9	1.4	17.2	22.6
African American	20	30.1	6.7	16.9	43.3
Other	15	28.2	7.0	14.5	41.9
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	146	29.4	2.5	24.5	34.3
Some College or College Graduate	162	15.7	1.4	13.0	18.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	136	28.6	2.6	23.5	33.8
\$35,000 or Higher per Year	135	18.0	1.7	14.8	21.3
<b>Disability Status</b>					
Living with a Disability†	130	29.1	2.7	23.9	34.3
Living without a Disability	175	17.9	1.5	14.9	20.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	98	25.2	2.7	20.0	30.5
Overweight (25 ≤ BMI < 30)	105	22.4	2.4	17.8	27.0
Obese (BMI ≥ 30)	94	18.6	2.1	14.5	22.8
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	186	18.8	1.5	15.8	21.7
Does not participate in leisure time physical activity	106	27.9	2.9	22.2	33.7
<b>Health Insurance Status</b>					
Insured	254	19.6	1.4	16.9	22.3
Uninsured	52	36.1	4.7	26.9	45.2

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

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

† **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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,708	57.1	1.1	54.9	59.2
Northeast Corner Regionalization Initiative	154	52.5	3.6	45.4	59.6
<b>Gender</b>					
Men	65	50.3	5.1	40.2	60.3
Women	89	54.8	5.1	44.8	64.9
<b>Age Group</b>					
18 to 44 Years	62	55.6	5.6	44.6	66.7
45 to 64 Years	73	50.5	4.9	40.8	60.1
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	147	53.4	3.7	46.2	60.7
<b>Race</b>					
White	128	52.6	4.0	44.8	60.5
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	63	47.4	5.3	37.0	57.8
Some College or College Graduate	91	58.9	4.8	49.5	68.3
<b>Annual Household Income</b>					
Less than \$35,000 per Year	60	42.3	5.5	31.6	53.0
\$35,000 or Higher per Year	71	56.1	5.2	45.9	66.3
<b>Disability Status</b>					
Living with a Disability†	70	53.6	5.6	42.7	64.5
Living without a Disability	83	52.2	4.8	42.8	61.7

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	47	49.0	6.5	36.3	61.6
Overweight (25 ≤ BMI < 30)	46	46.6	6.2	34.5	58.7
Obese (BMI ≥ 30)	54	60.0	6.2	47.8	72.2
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	103	55.9	4.6	46.9	64.9
Does not participate in leisure time physical activity	45	48.8	6.5	36.1	61.5
<b>Health Insurance Status</b>					
Insured	130	54.1	4.1	46.2	62.1
Uninsured	23	45.4	8.0	29.7	61.1

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	1,011	5.5	0.2	5.1	5.9
Northeast Corner Regionalization Initiative	85	5.3	0.7	3.9	6.6
<b>Gender</b>					
Men	75	9.8	1.3	7.3	12.4
Women	*	*	*	*	*
<b>Age Group</b>					
18 to 44 Years	37	7.4	1.4	4.7	10.1
45 to 64 Years	32	4.4	0.9	2.7	6.1
65 Years and Older	16	2.4	0.7	1.0	3.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	82	5.1	0.7	3.8	6.4
<b>Race</b>					
White	76	5.5	0.7	4.0	6.9
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	45	7.3	1.3	4.7	9.9
Some College or College Graduate	40	3.9	0.7	2.5	5.4
<b>Annual Household Income</b>					
Less than \$35,000 per Year	25	4.4	1.2	2.1	6.7
\$35,000 or Higher per Year	48	5.9	1.0	4.0	7.8
<b>Disability Status</b>					
Living with a Disability†	24	6.1	1.5	3.2	9.1
Living without a Disability	61	5.0	0.7	3.5	6.4

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	15	3.4	0.9	1.6	5.2
Overweight (25 ≤ BMI < 30)	27	6.3	1.4	3.5	9.0
Obese (BMI ≥ 30)	39	6.7	1.3	4.1	9.4
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	51	4.8	0.8	3.2	6.3
Does not participate in leisure time physical activity	27	5.9	1.4	3.2	8.6
<b>Smoking Status</b>					
Current smoker	21	7.3	1.8	3.7	10.9
Non-smoker	63	4.7	0.7	3.3	6.1
<b>Health Insurance Status</b>					
Insured	78	5.3	0.7	3.9	6.7
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	919	10.1	0.4	9.4	10.9
Northeast Corner Regionalization Initiative	75	9.8	1.3	7.3	12.4
<b>Age Group</b>					
18 to 44 Years	33	13.0	2.5	8.2	17.8
45 to 64 Years	29	8.6	1.8	5.2	12.0
65 Years and Older	*	*	*	*	*
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	73	10.2	1.3	7.5	12.8
<b>Race</b>					
White	68	10.2	1.4	7.4	13.0
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	40	12.8	2.3	8.3	17.4
Some College or College Graduate	35	7.8	1.5	4.8	10.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	21	8.5	2.2	4.2	12.9
\$35,000 or Higher per Year	46	10.4	1.7	7.0	13.7
<b>Disability Status</b>					
Living with a Disability†	20	10.2	2.6	5.0	15.4
Living without a Disability	55	9.8	1.5	6.8	12.7
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	*	*	*	*	*
Overweight (25 ≤ BMI < 30)	25	10.1	2.3	5.6	14.6
Obese (BMI ≥ 30)	36	12.9	2.5	8.1	17.8

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	45	8.6	1.4	5.7	11.4
Does not participate in leisure time physical activity	24	12.1	2.9	6.5	17.8
<b>Smoking Status</b>					
Current smoker	17	12.1	3.3	5.6	18.6
Non-smoker	57	9.1	1.4	6.4	11.9
<b>Health Insurance Status</b>					
Insured	69	10.0	1.4	7.3	12.8
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**

**Northeast Corner Regionalization Initiative**

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	2,748	10.9	0.2	10.4	11.4
Northeast Corner Regionalization Initiative	227	10.0	0.8	8.5	11.5
<b>Gender</b>					
Men	203	18.7	1.5	15.7	21.6
Women	24	2.0	0.5	1.1	2.9
<b>Age Group</b>					
18 to 44 Years	21	3.7	0.9	2.0	5.4
45 to 64 Years	71	10.2	1.4	7.6	12.9
65 Years and Older	135	23.5	2.1	19.4	27.7
<b>Ethnicity</b>					
Hispanic	*	*	*	*	*
Non-Hispanic	218	10.1	0.8	8.6	11.7
<b>Race</b>					
White	207	10.2	0.8	8.6	11.8
African American	*	*	*	*	*
Other	*	*	*	*	*
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	77	10.3	1.4	7.6	13.0
Some College or College Graduate	150	9.9	0.9	8.1	11.7
<b>Annual Household Income</b>					
Less than \$35,000 per Year	52	8.1	1.4	5.3	10.9
\$35,000 or Higher per Year	149	12.4	1.1	10.1	14.6
<b>Disability Status</b>					
Living with a Disability†	74	12.2	1.7	8.9	15.5
Living without a Disability	144	9.2	0.9	7.4	10.9

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Weight Category</b>					
Normal or Underweight (BMI < 25)	38	5.8	1.1	3.6	8.1
Overweight (25 ≤ BMI < 30)	104	16.4	1.8	12.9	19.9
Obese (BMI ≥ 30)	77	10.2	1.4	7.5	12.9
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	149	10.4	1.0	8.5	12.3
Does not participate in leisure time physical activity	55	9.1	1.6	6.0	12.2
<b>Smoking Status</b>					
Current smoker	32	7.4	1.6	4.3	10.5
Non-smoker	187	10.9	0.9	9.1	12.7
<b>Health Insurance Status</b>					
Insured	215	10.7	0.9	9.0	12.4
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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	6,551	32.3	0.4	31.5	33.2
Northeast Corner Regionalization Initiative	655	37.5	1.5	34.6	40.3
<b>Gender</b>					
Men	280	34.5	2.1	30.4	38.5
Women	375	40.5	2.0	36.5	44.4
<b>Age Group</b>					
18 to 44 Years	177	37.3	2.6	32.2	42.4
45 to 64 Years	291	41.2	2.2	36.8	45.5
65 Years and Older	184	31.7	2.4	27.0	36.4
<b>Ethnicity</b>					
Hispanic	19	28.3	6.4	15.7	40.9
Non-Hispanic	632	38.3	1.5	35.4	41.2
<b>Race</b>					
White	586	37.5	1.5	34.5	40.5
African American	32	42.8	7.1	28.8	56.8
Other	17	25.3	6.6	12.3	38.3
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	226	37.8	2.6	32.7	42.8
Some College or College Graduate	429	37.3	1.7	33.9	40.8
<b>Annual Household Income</b>					
Less than \$35,000 per Year	212	39.0	2.8	33.6	44.5
\$35,000 or Higher per Year	364	37.5	1.9	33.9	41.2
<b>Disability Status</b>					
Living with a Disability†	230	42.4	2.8	36.9	47.9
Living without a Disability	415	36.0	1.7	32.6	39.5

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	419	36.2	1.7	32.8	39.6
Does not participate in leisure time physical activity	201	43.4	3.1	37.3	49.5
<b>Smoking Status</b>					
Current smoker	94	32.3	3.4	25.6	39.7
Non-smoker	553	39.6	1.6	36.4	42.8
<b>Health Insurance Status</b>					
Insured	603	38.1	1.5	35.1	41.1
Uninsured	49	34.4	4.8	25.0	43.8

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

### Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
Kansas	13,706	67.2	0.4	66.3	68.0
Northeast Corner Regionalization Initiative	1,241	68.7	1.4	65.9	71.5
<b>Gender</b>					
Men	601	71.7	2.1	67.5	75.9
Women	640	65.7	2.0	61.9	69.5
<b>Age Group</b>					
18 to 44 Years	306	63.2	2.7	58.0	68.4
45 to 64 Years	511	74.5	1.9	70.7	78.3
65 Years and Older	419	70.7	2.2	66.3	75.1
<b>Ethnicity</b>					
Hispanic	45	69.4	7.7	54.3	84.5
Non-Hispanic	1,187	68.6	1.4	65.7	71.4
<b>Race</b>					
White	1,114	68.6	1.5	65.6	71.6
African American	58	74.7	6.3	62.3	87.1
Other	37	62.1	7.4	47.5	76.6
Multi-Race	*	*	*	*	*
<b>Education</b>					
High School Graduate or Less	423	67.7	2.7	62.5	72.9
Some College or College Graduate	817	69.4	1.6	66.2	72.6
<b>Annual Household Income</b>					
Less than \$35,000 per Year	384	65.8	2.9	60.2	71.4
\$35,000 or Higher per Year	708	70.9	1.8	67.4	74.3
<b>Disability Status</b>					
Living with a Disability†	389	69.7	2.9	64.1	75.3
Living without a Disability	823	68.3	1.7	65.0	71.6

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Limits	
				Lower	Upper
<b>Leisure Time Physical Activity</b>					
Participates in leisure time physical activity	822	67.8	1.7	64.4	71.1
Does not participate in leisure time physical activity	342	72.4	3.1	66.4	78.4
<b>Smoking Status</b>					
Current smoker	199	63.7	3.6	56.6	70.8
Non-smoker	1,009	69.9	1.6	66.8	73.0
<b>Health Insurance Status</b>					
Insured	1,139	69.3	1.5	66.4	72.3
Uninsured	98	69.0	4.8	59.7	78.4

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>