

# Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

## Barton County



Kansas BRFSS  
Bureau of Health Promotion  
Kansas Department of Health and Environment  
1000 SW Jackson St., Suite 230  
Topeka, Kansas 66612-1274  
[www.kdheks.gov/brfss/index.html](http://www.kdheks.gov/brfss/index.html)

# **Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009**

State of Kansas  
Mark Parkinson, Governor

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## **Project Funding:**

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**Kansas Department of Health and Environment  
Bureau of Health Promotion  
October 2010**

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

To protect the health and environment of all Kansans by promoting responsible choices.

Through education, direct services and the assessment of data and trends, coupled with policy development and enforcement, KDHE will improve health and quality of life. We prevent illness, injuries and foster a safe and sustainable environment for the people of Kansas.

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## Foreword

The Behavioral Risk Factor Surveillance System (BRFSS) is the largest continuously conducted telephone survey in the world. The Kansas Department of Health and Environment's Bureau of Health Promotion (BHP) first collected state level health risk information in Kansas in 1990 as a point-in-time BRFSS survey. Since 1992, the Bureau has conducted the Kansas BRFSS survey continuously, enabling public health officials the ability to detect and monitor the trends in risk factors and health behaviors of adult Kansans (18 years and older) that are of greatest public health importance to Kansas. Public support of the survey is demonstrated by high response rates, resulting in consistently high data quality with respect to scientific validity and reliability, as indicated by above average CASRO Response Rates and other measures of data quality set by the Centers for Disease Control and Prevention (CDC).

Prior to 2009, the sample size for the Kansas survey was sufficient to produce state level estimates of health risk. Beginning in 2009, the Kansas BRFSS has been expanded in response to a growing demand from local health officials for local level health risk statistics. As a result, the survey will collect adequate sample during odd years (2009, 2011, 2013, 2015, 2017) over a 10 year time period to provide local level estimates from a single year of survey data.

During the 2009 survey year, data were collected from more than 18,000 adult Kansans, providing estimates for 61 of the state's 105 counties and for 16 Public Health Preparedness Regions, with data for 31 health risk indicators analyzed at the subpopulation level. By the conclusion of the 10 year project, the majority of Kansas counties will have county-specific data for use in examining trends in selected health indicators.

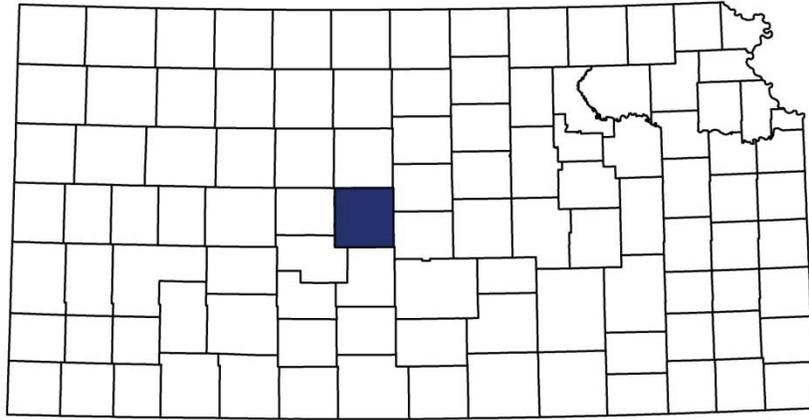
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and monitor health conditions and behaviors related to chronic and communicable diseases, disability and injury with ability to compare to state and national statistics.

Sherlock Holmes, the legendary detective created by Sir Arthur Conan Doyle, once said, "It is a capital mistake to theorize before one has data." Unfortunately, such mistakes are made in the practice of public health every day. Now that county- and region-specific BRFSS data are available in Kansas, we who devote our lives to public health practice are in a much better position to theorize about the underlying causes of serious health problems in our communities. And ultimately, we are much better positioned to take targeted action that will significantly improve the health of our communities.

Sincerely,

A handwritten signature in black ink that reads "Jason Eberhart-Phillips". The signature is written in a cursive style with a large, stylized initial 'J'.

Jason Eberhart-Phillips, M.D., M.P.H.  
State Health Officer and Director of Health  
Kansas Department of Health and Environment



Barton County

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009 can also be accessed at <http://www.kdheks.gov/brfss/>

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

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# Percentage of Adults Who Are Binge Drinkers, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Barton County	15	11.6	4.8	18.4
<b>Gender</b>				
Men	10	14.0	4.1	23.8
Women	5	9.4	0.0	18.9
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	9	15.5	5.2	25.8
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	14	11.1	4.3	17.9
<b>Race</b>				
White	15	12.1	5.0	19.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	5	7.0	0.0	14.5
Some College or College Graduate	10	14.4	4.5	24.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	12	19.0	7.2	30.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	12	10.3	3.8	16.9

Numerator: Respondents males having five or more drinks on one occasion in the past 30 days or females having four or more drinks on one occasion in the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Reported Heavy Alcohol Consumption in the Past 30 Days, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Barton County	5	2.3	0.0	4.9
<b>Gender</b>				
Men	*	*	*	*
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	5	2.3	0.0	5.0
<b>Race</b>				
White	5	2.3	0.0	5.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	5	6.0	0.0	12.8
Some College or College Graduate	*	*	*	*
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

Numerator: Male respondents who reported consuming an average of more than two drinks per day and female respondents who reported consuming an average of more than one drink per day during the past 30 days.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults with Doctor Diagnosed Arthritis, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Barton County	53	22.5	14.3	30.7
<b>Gender</b>				
Men	18	16.8	7.6	26.0
Women	35	27.6	15.4	39.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	20	22.1	12.4	31.9
65 Years and Older	31	48.3	34.6	61.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	52	23.2	14.7	31.8
<b>Race</b>				
White	51	23.0	14.5	31.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	28	33.4	17.4	49.5
Some College or College Graduate	25	15.8	8.3	23.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	21	17.7	8.4	27.0
\$35,000 or Higher per Year	18	16.0	7.6	24.4
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	28	15.9	9.2	22.6

**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.

\* Insufficient Sample

**Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Barton County	21	45.8	25.8	65.8
<b>Gender</b>				
Men	*	*	*	*
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	20	45.4	25.3	65.6
<b>Race</b>				
White	20	45.7	25.5	66.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	*	*	*	*
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	*	*	*	*

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

**Denominator: Respondents with doctor diagnosed arthritis, excluding unknowns and refusals.**

\* Insufficient Sample

## Percentage of Adults with Diagnosed Cancer, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Barton County	26	10.7	6.0	15.5
<b>Gender</b>				
Men	8	8.7	2.0	15.4
Women	18	12.5	5.8	19.3
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	6.9	1.2	12.7
65 Years and Older	19	32.4	19.3	45.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	25	11.0	6.0	16.0
<b>Race</b>				
White	24	10.7	5.8	15.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	8	9.6	2.7	16.5
Some College or College Graduate	18	11.4	5.1	17.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	11	12.7	4.2	21.1
\$35,000 or Higher per Year	11	9.7	3.2	16.2
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	14	8.0	3.2	12.8

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

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

\* Insufficient Sample

**Percentage of Adults Who Provide Care or Assistance to a Friend or Family Member Who Has a Health Problem, Long-term Illness, or Disability, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Barton County	61	33.8	23.6	43.9
<b>Gender</b>				
Men	19	27.0	12.1	41.9
Women	42	39.9	26.2	53.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	36	41.1	29.2	53.0
65 Years and Older	14	22.5	11.4	33.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	60	34.2	23.8	44.7
<b>Race</b>				
White	60	34.1	23.7	44.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	21	29.1	14.5	43.6
Some College or College Graduate	40	36.7	22.7	50.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	20	44.3	24.8	63.8
\$35,000 or Higher per Year	34	33.1	19.5	46.6
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	42	30.7	19.9	41.5

**Numerator:** Respondents who reported that they provided regular care or assistance to a family member or friend who has a health problem, long-term illness or disability in the past month.

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

\* Insufficient Sample

## Percentage of Adults with Current Asthma, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Barton County	11	5.6	1.9	9.2
<b>Gender</b>				
Men	*	*	*	*
Women	7	7.2	1.5	12.9
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	9.8	1.8	17.8
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	11	5.8	2.0	9.6
<b>Race</b>				
White	11	5.8	2.0	9.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	9	7.0	1.8	12.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	7	5.5	0.9	10.0
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	7	5.3	1.0	9.6

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they had asthma and that they currently have asthma.

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

\* Insufficient Sample

## Percentage of Adults with Diagnosed Diabetes, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Barton County	31	12.8	7.3	18.3
<b>Gender</b>				
Men	9	11.8	2.6	21.1
Women	22	13.6	7.2	20.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	11.8	4.6	19.1
65 Years and Older	18	29.4	17.0	41.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	31	13.3	7.6	19.1
<b>Race</b>				
White	30	13.1	7.4	18.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	14	16.0	5.5	26.6
Some College or College Graduate	17	10.8	5.0	16.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	17	23.0	9.3	36.8
\$35,000 or Higher per Year	8	6.5	1.6	11.4
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	18	12.7	5.8	19.5

**Numerator:** Respondents reporting 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.

\* Insufficient Sample

## Percentage of Adults Who Reported Living with a Disability, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Barton County	45	27.5	16.8	38.2
<b>Gender</b>				
Men	18	23.4	9.8	36.9
Women	27	31.2	15.8	46.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	16	17.6	8.4	26.8
65 Years and Older	22	34.6	21.5	47.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	43	27.5	16.5	38.5
<b>Race</b>				
White	43	28.2	17.2	39.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	24	39.7	22.4	57.0
Some College or College Graduate	21	20.1	7.6	32.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	27	45.4	26.0	64.7
\$35,000 or Higher per Year	9	13.0	2.8	23.1

**Numerator:** Respondents who reported they were limited in any activities because of physical, mental, or emotional problems or who reported having a health problem that requires them to use special equipment such as a cane, a wheelchair, a special bed, or a special telephone.

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

\* Insufficient Sample

**Percentage of Adults Who Reported Activity Limitations Due to Physical,  
Mental, or Emotional Problems, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Barton County	43	27.0	16.4	37.7
<b>Gender</b>				
Men	18	23.4	9.8	36.9
Women	25	30.3	14.8	45.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	16	17.6	8.4	26.8
65 Years and Older	20	32.7	19.7	45.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	41	27.0	16.0	38.0
<b>Race</b>				
White	41	27.7	16.7	38.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	23	39.1	21.7	56.5
Some College or College Graduate	20	19.7	7.3	32.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	26	44.6	25.2	64.1
\$35,000 or Higher per Year	9	13.0	2.8	23.1

**Numerator:** Respondents who reported they were limited in any activities because of physical, mental, or emotional problems.

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

\* Insufficient Sample

**Percentage of Adults Who Reported Consuming Fruits and Vegetables Less Than 5 Times Per Day, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Barton County	122	77.8	69.7	85.9
<b>Gender</b>				
Men	54	84.8	73.9	95.7
Women	68	71.5	60.0	83.0
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	61	80.7	71.6	89.9
65 Years and Older	36	64.8	51.8	77.7
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	118	78.0	69.7	86.3
<b>Race</b>				
White	117	78.3	70.1	86.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	54	80.3	69.2	91.5
Some College or College Graduate	68	76.3	65.1	87.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	45	81.2	69.2	93.1
\$35,000 or Higher per Year	65	79.2	67.3	91.2
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	88	76.8	67.6	85.9

**Numerator:** Respondents who reported they consumed fruits and vegetables less than 5 times per day.

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

\* Insufficient Sample

## Percentage of Adults Who Have Gambled in Past 12 Months, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Barton County	66	45.2	33.3	57.1
<b>Gender</b>				
Men	29	48.5	29.4	67.6
Women	37	42.4	28.2	56.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	40.5	28.7	52.3
65 Years and Older	16	29.4	16.5	42.3
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	63	44.6	32.3	57.0
<b>Race</b>				
White	63	45.5	33.4	57.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	25	31.7	17.8	45.7
Some College or College Graduate	41	53.1	38.0	68.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	20	40.4	20.6	60.1
\$35,000 or Higher per Year	38	53.0	36.8	69.2
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	51	49.2	35.8	62.6

**Numerator:** Respondents reporting they had played the lottery, bingo, card games, slot machines, or any other games for money or something else of value in the last 12 months.

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

\* Insufficient Sample

## Percentage of Adults with Fair or Poor Self-Perceived Health Status, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Barton County	41	22.9	13.4	32.4
<b>Gender</b>				
Men	17	23.7	10.1	37.3
Women	24	22.2	8.9	35.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	14	15.9	7.0	24.7
65 Years and Older	24	42.2	28.5	55.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	40	23.7	13.9	33.6
<b>Race</b>				
White	38	23.3	13.4	33.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	21	28.8	14.2	43.3
Some College or College Graduate	20	19.4	7.0	31.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	25	45.3	25.9	64.7
\$35,000 or Higher per Year	7	8.8	0.0	17.6
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	13	7.9	3.0	12.7

**Numerator:** Respondents reporting that in general their health is fair or poor.

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

\* Insufficient Sample

# Percentage of Adults Who Lack Health Care Coverage, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Barton County	17	19.3	8.8	29.8
<b>Gender</b>				
Men	6	14.1	1.6	26.7
Women	11	24.0	8.0	39.9
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	8	12.4	3.5	21.3
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	15	19.0	8.1	29.8
<b>Race</b>				
White	15	18.9	8.1	29.7
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	29.9	12.0	47.9
Some College or College Graduate	7	12.8	0.7	24.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	13	46.4	26.7	66.1
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	10	11.5	3.4	19.7

Numerator: Respondents reporting they had no health care coverage.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

# Percentage of Adults with No Personal Doctor or Health Care Provider, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Barton County	18	14.1	5.6	22.5
<b>Gender</b>				
Men	8	9.6	1.8	17.4
Women	10	18.1	4.2	32.0
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	10	12.4	4.4	20.3
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	15	13.0	4.4	21.6
<b>Race</b>				
White	14	12.1	3.7	20.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	9	20.3	3.8	36.8
Some College or College Graduate	9	10.2	1.8	18.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	7	18.6	2.8	34.5
\$35,000 or Higher per Year	8	7.2	1.5	13.0
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	14	13.9	5.4	22.4

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

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

**Percentage of Adults Who Could Not See Doctor Because of Cost in Past 12 Months, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Barton County	20	18.9	8.1	29.6
<b>Gender</b>				
Men	9	15.6	2.8	28.4
Women	11	21.9	5.6	38.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	13.5	5.3	21.7
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	19	19.5	8.4	30.7
<b>Race</b>				
White	19	19.5	8.3	30.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	26.5	7.5	45.5
Some College or College Graduate	10	14.3	2.2	26.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	11	31.6	10.3	53.0
\$35,000 or Higher per Year	8	10.7	1.4	19.9
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	7	6.5	0.7	12.3

**Numerator:** Respondents reporting they could not see a doctor because of cost in the past 12 months.

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

\* Insufficient Sample

**Percentage of Adults Who Reported Their Mental Health Was Not Good on 14 or More Days in the Past 30 Days, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Barton County	20	11.6	3.4	19.7
<b>Gender</b>				
Men	5	8.4	0.0	19.0
Women	15	14.4	2.3	26.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	10	6.9	2.3	11.6
65 Years and Older	6	9.0	1.6	16.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	19	11.9	3.4	20.4
<b>Race</b>				
White	18	11.7	3.2	20.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	11	13.9	1.1	26.7
Some College or College Graduate	9	10.1	0.0	20.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	13	27.8	7.1	48.6
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	6	3.5	0.1	6.9

Numerator: Respondents reporting 14 or more days when their mental health was not good.

Denominator: All respondents, excluding unknowns and refusals.

\* Insufficient Sample

## Percentage of Adults Who Had a Heart Attack, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Barton County	17	10.1	3.0	17.1
<b>Gender</b>				
Men	8	9.0	2.1	15.8
Women	9	11.0	0.0	22.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	13	22.7	11.0	34.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	17	10.5	3.1	17.8
<b>Race</b>				
White	17	10.4	3.1	17.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	12	14.6	5.9	23.4
Some College or College Graduate	5	7.3	0.0	17.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	12	24.9	6.1	43.6
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	6	3.8	0.4	7.1

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

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

\* Insufficient Sample

# Percentage of Adults Tested and Diagnosed with High Cholesterol, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Barton County	67	39.4	28.0	50.8
<b>Gender</b>				
Men	24	33.9	16.7	51.1
Women	43	44.6	30.7	58.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	29	39.6	27.1	52.2
65 Years and Older	31	54.9	41.1	68.7
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	65	37.9	26.6	49.2
<b>Race</b>				
White	65	39.3	27.8	50.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	30	51.4	34.7	68.0
Some College or College Graduate	37	32.9	19.0	46.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	32	35.7	20.4	51.0
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	47	37.8	24.6	50.9

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they have high blood cholesterol.

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

\* Insufficient Sample

## Percentage of Adults with Diagnosed Hypertension, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Barton County	66	27.8	19.3	36.3
<b>Gender</b>				
Men	28	32.5	17.4	47.6
Women	38	23.6	14.7	32.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	32	40.0	28.1	51.9
65 Years and Older	32	53.5	40.0	66.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	65	28.8	19.9	37.7
<b>Race</b>				
White	63	28.2	19.4	36.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	31	36.8	22.1	51.5
Some College or College Graduate	35	22.3	13.2	31.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	26	35.7	18.4	52.9
\$35,000 or Higher per Year	29	23.2	13.1	33.3
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	43	24.0	15.6	32.5

**Numerator:** Respondents reporting they had been told by a doctor or health care professional that they have high blood pressure.

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

\* Insufficient Sample

**Percentage of Adults Ages 18 Years and Older Who Did Not Receive a Flu Shot  
During the Past 12 Months, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Barton County	83	63.1	53.6	72.6
<b>Gender</b>				
Men	35	65.6	50.8	80.4
Women	48	60.9	48.6	73.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	40	51.8	39.5	64.1
65 Years and Older	18	30.4	17.9	42.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	78	61.7	51.7	71.7
<b>Race</b>				
White	78	62.3	52.4	72.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	38	62.0	48.1	75.9
Some College or College Graduate	45	63.8	51.3	76.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	29	61.6	45.0	78.2
\$35,000 or Higher per Year	43	65.7	52.8	78.7
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	63	61.1	49.7	72.5

**Numerator:** Respondents who reported they did not have a flu shot during the past 12 months.

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

\* Insufficient Sample

## Percentage of Adults Not Participating in Any Physical Activity (Leisure Time Physical Activity), 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Barton County	47	24.6	15.4	33.7
<b>Gender</b>				
Men	19	19.2	9.0	29.4
Women	28	29.3	15.7	43.0
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	20	25.4	14.8	36.0
65 Years and Older	21	33.6	20.8	46.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	46	25.1	15.6	34.6
<b>Race</b>				
White	44	23.8	14.4	33.1
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	26	34.7	18.7	50.8
Some College or College Graduate	21	18.3	8.4	28.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	23	23.4	11.7	35.2
\$35,000 or Higher per Year	17	19.6	8.6	30.7
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	27	17.3	9.9	24.7

**Numerator:** Respondents reporting 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.

\* Insufficient Sample

# Percentage of Adults Not Participating in Recommended Level of Physical Activity, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Barton County	101	65.4	55.3	75.6
<b>Gender</b>				
Men	39	64.6	48.0	81.2
Women	62	66.2	53.8	78.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	48	61.2	48.9	73.6
65 Years and Older	32	54.3	40.0	68.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	99	65.9	55.5	76.2
<b>Race</b>				
White	98	65.9	55.6	76.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	43	66.0	51.8	80.2
Some College or College Graduate	58	65.1	51.7	78.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	40	68.8	51.1	86.5
\$35,000 or Higher per Year	46	61.1	46.4	75.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	68	60.4	47.9	72.9

**Numerator:** Respondents reporting they did not participate in moderate physical activities at least 5 times per week for at least 30 minutes or vigorous physical activities at least 3 times per week for at least 20 minutes.

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

\* Insufficient Sample

**Percentage of Adults Not Participating in Recommended Level of Moderate Physical Activity, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Barton County	101	65.4	55.3	75.6
<b>Gender</b>				
Men	39	64.6	48.0	81.2
Women	62	66.2	53.8	78.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	48	61.2	48.9	73.6
65 Years and Older	32	54.3	40.0	68.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	99	65.9	55.5	76.2
<b>Race</b>				
White	98	65.9	55.6	76.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	43	66.0	51.8	80.2
Some College or College Graduate	58	65.1	51.7	78.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	40	68.8	51.1	86.5
\$35,000 or Higher per Year	46	61.1	46.4	75.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	68	60.4	47.9	72.9

**Numerator:** Respondents reporting they did not participate in either moderate physical activity defined as 30 or more minutes per day for 5 or more days per week, or vigorous activity for 20 or more minutes per day on 3 or more days.

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

\* Insufficient Sample

**Percentage of Adults Not Participating in Recommended Level of Vigorous Physical Activity, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Barton County	139	82.9	75.0	90.9
<b>Gender</b>				
Men	50	78.9	65.9	92.0
Women	89	86.5	76.9	96.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	61	76.7	65.6	87.7
65 Years and Older	52	90.0	81.3	98.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	134	82.7	74.5	90.9
<b>Race</b>				
White	132	82.8	74.6	91.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	58	85.4	74.6	96.3
Some College or College Graduate	81	81.5	70.8	92.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	53	81.8	65.5	98.1
\$35,000 or Higher per Year	63	79.6	68.7	90.5
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	96	77.5	67.0	88.0

**Numerator:** Respondents reporting they did not participate in vigorous physical activities at least 3 times per week for at least 20 minutes.

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

\* Insufficient Sample

**Percentage of Adults Who Did Not Get Enough Rest or Sleep in Past 30 Days,  
2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Barton County	41	24.3	14.5	34.0
<b>Gender</b>				
Men	13	18.9	6.2	31.6
Women	28	29.1	15.3	42.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	24	29.6	18.2	41.1
65 Years and Older	10	17.9	7.1	28.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	40	25.1	15.0	35.2
<b>Race</b>				
White	39	24.2	14.2	34.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	21	34.9	17.4	52.4
Some College or College Graduate	20	17.7	7.9	27.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	18	29.7	11.4	48.1
\$35,000 or Higher per Year	16	16.6	7.5	25.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	27	20.3	11.2	29.4

**Numerator:** Respondents reporting they did not get enough sleep on 14 or more days in the past 30 days.

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

\* Insufficient Sample

## Percentage of Adults Who Are Current Smokers, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Barton County	21	9.7	4.6	14.7
<b>Gender</b>				
Men	6	7.3	0.6	14.1
Women	15	11.8	4.7	19.0
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	10.6	4.3	16.9
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	20	9.5	4.3	14.6
<b>Race</b>				
White	19	9.3	4.2	14.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	13	12.1	4.7	19.6
Some College or College Graduate	8	8.2	1.5	14.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	14	14.8	5.5	24.0
\$35,000 or Higher per Year	5	7.3	0.4	14.2
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	13	10.7	4.2	17.2

**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.

\* Insufficient Sample

# Percentage of Adults Who Currently Use Any Smokeless Tobacco Products, 2009

## Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Barton County	7	3.4	0.6	6.3
<b>Gender</b>				
Men	5	5.9	0.1	11.8
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	6	9.7	1.4	18.1
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	7	3.6	0.6	6.5
<b>Race</b>				
White	7	3.6	0.6	6.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	*	*	*	*
Some College or College Graduate	6	5.1	0.5	9.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	6	5.8	0.6	11.1
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	6	4.3	0.5	8.2

**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.

\* Insufficient Sample

**Percentage of Adults Who Ever Served on Active Duty in the United States  
Armed Forces, 2009**

**Barton County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Barton County	21	11.4	6.0	16.8
<b>Gender</b>				
Men	18	21.0	9.9	32.2
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	11.5	3.0	20.1
65 Years and Older	12	24.2	11.8	36.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	21	11.8	6.2	17.5
<b>Race</b>				
White	21	11.8	6.2	17.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	11	16.6	6.1	27.2
Some College or College Graduate	10	8.1	2.5	13.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	12	12.7	4.6	20.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	13	8.8	3.4	14.2

**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.

\* Insufficient Sample

## Percentage of Adults Who Are Obese, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Barton County	56	34.4	23.6	45.2
<b>Gender</b>				
Men	24	30.0	15.1	44.9
Women	32	38.6	24.0	53.2
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	28	34.1	22.6	45.6
65 Years and Older	15	28.9	15.9	41.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	53	32.8	22.0	43.7
<b>Race</b>				
White	54	34.0	23.0	45.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	23	38.9	22.8	55.0
Some College or College Graduate	33	31.7	17.6	45.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	22	46.9	27.2	66.6
\$35,000 or Higher per Year	27	30.1	16.5	43.8
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	33	23.7	14.5	33.0

**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.

\* Insufficient Sample

## Percentage of Adults Who Are Overweight or Obese, 2009

### Barton County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Barton County	115	66.1	53.6	78.5
<b>Gender</b>				
Men	49	67.4	46.6	88.2
Women	66	64.8	50.4	79.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	54	69.2	57.6	80.8
65 Years and Older	39	66.1	52.9	79.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	111	65.1	52.4	77.8
<b>Race</b>				
White	110	66.0	53.2	78.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	48	67.6	51.0	84.1
Some College or College Graduate	67	65.1	47.8	82.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	47	80.5	65.7	95.3
\$35,000 or Higher per Year	54	63.0	44.5	81.6
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	78	61.8	47.3	76.3

**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.

\* Insufficient Sample