

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

## Miami 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.

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

## 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.

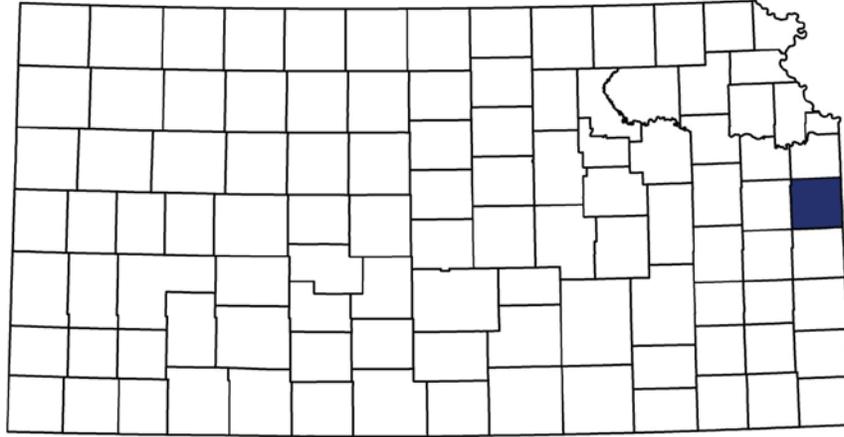
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and 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



Miami 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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Miami County	24	12.9	7.2	18.6
<b>Gender</b>				
Men	12	15.2	5.5	24.9
Women	12	10.9	4.3	17.4
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	12.1	4.4	19.7
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	22	12.3	6.6	18.0
<b>Race</b>				
White	22	12.9	7.0	18.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	8	12.4	2.7	22.2
Some College or College Graduate	16	13.3	6.3	20.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	6	13.8	1.7	25.8
\$35,000 or Higher per Year	18	14.2	7.0	21.5
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	21	13.4	7.2	19.5

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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Miami County	9	3.0	0.8	5.1
<b>Gender</b>				
Men	*	*	*	*
Women	5	3.0	0.2	5.8
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	8	8.5	2.4	14.7
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	8	2.9	0.7	5.0
<b>Race</b>				
White	8	3.0	0.7	5.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	5	4.1	0.1	8.2
Some College or College Graduate	*	*	*	*
<b>Annual Household Income</b>				
Less than \$35,000 per Year	*	*	*	*
\$35,000 or Higher per Year	6	3.0	0.4	5.5
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	8	3.5	0.8	6.1

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Miami County	78	24.1	17.7	30.4
<b>Gender</b>				
Men	25	19.4	10.7	28.0
Women	53	28.7	19.7	37.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	35.0	24.8	45.2
65 Years and Older	39	53.2	40.0	66.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	77	24.8	18.2	31.3
<b>Race</b>				
White	74	24.6	17.9	31.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	41	27.9	16.9	38.9
Some College or College Graduate	37	21.6	13.6	29.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	36	38.3	21.6	55.0
\$35,000 or Higher per Year	36	19.5	12.5	26.5
<b>Disability</b>				
Living with a Disability	42	58.6	42.5	74.6
Living without a Disability	35	14.6	9.1	20.1

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Miami County	29	38.2	24.3	52.1
<b>Gender</b>				
Men	*	*	*	*
Women	21	46.5	28.3	64.7
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	28	37.9	24.0	51.9
<b>Race</b>				
White	28	37.7	23.4	52.0
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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Miami County	33	10.9	6.1	15.7
<b>Gender</b>				
Men	8	7.0	1.8	12.2
Women	25	14.8	7.2	22.4
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	15	13.6	6.4	20.7
65 Years and Older	16	25.1	13.0	37.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	33	11.2	6.3	16.1
<b>Race</b>				
White	30	10.5	5.6	15.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	12	7.4	2.3	12.6
Some College or College Graduate	21	13.2	6.1	20.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	16	16.0	6.2	25.7
\$35,000 or Higher per Year	13	9.1	3.1	15.1
<b>Disability</b>				
Living with a Disability	18	23.2	11.5	34.9
Living without a Disability	15	7.7	2.6	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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Miami County	54	21.6	14.7	28.5
<b>Gender</b>				
Men	14	14.0	5.5	22.6
Women	40	28.9	18.9	38.9
<b>Age</b>				
18 to 44 Years	11	19.0	7.5	30.5
45 to 64 Years	27	24.8	15.8	33.7
65 Years and Older	16	23.7	12.5	34.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	54	22.4	15.3	29.6
<b>Race</b>				
White	51	22.2	14.9	29.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	19	14.6	6.9	22.2
Some College or College Graduate	35	26.3	16.4	36.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	16	25.0	10.0	40.0
\$35,000 or Higher per Year	33	21.3	12.9	29.8
<b>Disability</b>				
Living with a Disability	14	25.6	10.1	41.1
Living without a Disability	40	20.7	13.1	28.3

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Miami County	22	7.5	3.5	11.4
<b>Gender</b>				
Men	7	5.1	1.0	9.1
Women	15	9.8	3.3	16.3
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	10	9.4	3.3	15.5
65 Years and Older	8	9.4	2.5	16.3
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	22	7.8	3.7	11.9
<b>Race</b>				
White	21	7.7	3.5	11.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	11	6.6	1.9	11.3
Some College or College Graduate	11	8.1	2.3	13.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	7	4.4	0.8	8.0
\$35,000 or Higher per Year	13	8.7	3.2	14.3
<b>Disability</b>				
Living with a Disability	11	14.4	4.7	24.2
Living without a Disability	11	5.7	1.5	9.9

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Miami County	24	6.2	3.1	9.4
<b>Gender</b>				
Men	*	*	*	*
Women	22	10.7	5.1	16.2
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	7	7.3	1.7	13.0
65 Years and Older	16	18.3	8.0	28.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	23	5.6	2.8	8.4
<b>Race</b>				
White	22	5.7	2.8	8.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	15	8.4	2.9	13.9
Some College or College Graduate	9	4.8	1.1	8.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	12	9.6	2.8	16.3
\$35,000 or Higher per Year	9	5.3	1.3	9.2
<b>Disability</b>				
Living with a Disability	9	7.5	1.8	13.1
Living without a Disability	15	5.9	2.2	9.6

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Miami County	65	20.8	14.5	27.2
<b>Gender</b>				
Men	25	21.6	11.6	31.6
Women	40	20.1	12.3	28.0
<b>Age</b>				
18 to 44 Years	5	10.9	1.5	20.2
45 to 64 Years	29	26.5	17.3	35.8
65 Years and Older	31	40.9	28.0	53.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	63	20.9	14.4	27.3
<b>Race</b>				
White	62	21.7	15.0	28.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	32	25.0	13.8	36.3
Some College or College Graduate	33	18.1	10.6	25.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	31	32.3	16.8	47.9
\$35,000 or Higher per Year	24	15.2	8.3	22.2

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Miami County	58	19.2	13.0	25.3
<b>Gender</b>				
Men	21	18.9	9.3	28.5
Women	37	19.4	11.6	27.2
<b>Age</b>				
18 to 44 Years	5	10.9	1.5	20.2
45 to 64 Years	29	26.5	17.3	35.8
65 Years and Older	24	30.7	19.0	42.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	57	19.2	12.9	25.5
<b>Race</b>				
White	56	20.0	13.4	26.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	25	20.8	10.1	31.4
Some College or College Graduate	33	18.1	10.6	25.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	26	27.7	13.0	42.4
\$35,000 or Higher per Year	24	15.2	8.3	22.2

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Miami County	176	87.4	82.7	92.0
<b>Gender</b>				
Men	73	92.9	87.2	98.7
Women	103	82.1	75.0	89.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	77	81.1	72.9	89.3
65 Years and Older	53	80.0	69.9	90.0
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	172	87.8	83.2	92.4
<b>Race</b>				
White	166	88.1	83.5	92.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	77	88.0	80.3	95.6
Some College or College Graduate	99	87.0	81.1	92.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	50	81.0	69.7	92.4
\$35,000 or Higher per Year	106	88.3	82.6	94.0
<b>Disability</b>				
Living with a Disability	50	77.9	65.4	90.4
Living without a Disability	126	90.2	85.6	94.9

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Miami County	86	41.9	32.7	51.1
<b>Gender</b>				
Men	42	48.5	33.9	63.1
Women	44	35.3	24.3	46.2
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	49	54.7	43.7	65.8
65 Years and Older	21	34.6	21.5	47.7
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	84	42.2	32.8	51.5
<b>Race</b>				
White	83	42.1	32.7	51.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	40	52.3	36.3	68.4
Some College or College Graduate	46	35.2	24.5	45.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	23	40.7	21.9	59.4
\$35,000 or Higher per Year	57	43.9	32.5	55.3
<b>Disability</b>				
Living with a Disability	26	51.8	35.7	67.9
Living without a Disability	60	39.5	28.8	50.2

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Miami County	39	11.7	6.5	16.9
<b>Gender</b>				
Men	10	10.0	1.3	18.8
Women	29	13.3	7.4	19.1
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	16	14.2	7.1	21.4
65 Years and Older	21	26.4	14.8	37.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	38	12.0	6.6	17.4
<b>Race</b>				
White	36	10.0	6.0	13.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	23	17.8	6.6	28.9
Some College or College Graduate	16	7.8	3.3	12.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	26	28.9	12.5	45.2
\$35,000 or Higher per Year	8	5.5	1.4	9.6
<b>Disability</b>				
Living with a Disability	27	29.2	16.9	41.6
Living without a Disability	11	6.9	1.1	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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Miami County	18	15.1	6.6	23.6
<b>Gender</b>				
Men	11	22.9	7.8	38.0
Women	7	7.6	0.8	14.3
<b>Age</b>				
18 to 44 Years	8	23.1	7.9	38.3
45 to 64 Years	9	8.8	2.7	14.9
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	16	14.6	5.9	23.4
<b>Race</b>				
White	13	12.3	3.9	20.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	13	27.7	10.6	44.9
Some College or College Graduate	5	6.8	0.4	13.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	10	37.6	16.6	58.5
\$35,000 or Higher per Year	5	6.9	0.0	14.8
<b>Disability</b>				
Living with a Disability	5	14.3	0.0	29.1
Living without a Disability	13	15.3	5.2	25.4

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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Miami County	24	20.2	11.2	29.3
<b>Gender</b>				
Men	15	31.3	15.8	46.8
Women	9	9.6	2.1	17.0
<b>Age</b>				
18 to 44 Years	14	34.5	18.9	50.0
45 to 64 Years	7	5.0	1.2	8.9
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	22	20.0	10.7	29.3
<b>Race</b>				
White	20	19.8	10.1	29.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	14	32.4	15.1	49.7
Some College or College Graduate	10	12.2	4.0	20.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	12	34.8	14.6	55.1
\$35,000 or Higher per Year	9	14.2	3.8	24.7
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	21	21.9	11.3	32.5

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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Miami County	25	9.8	5.0	14.7
<b>Gender</b>				
Men	*	*	*	*
Women	21	15.2	7.4	23.0
<b>Age</b>				
18 to 44 Years	5	8.3	0.5	16.1
45 to 64 Years	17	15.5	7.8	23.2
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	25	10.2	5.2	15.2
<b>Race</b>				
White	23	9.6	4.6	14.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	5	3.3	0.0	6.7
Some College or College Graduate	20	14.1	6.8	21.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	13	20.8	6.5	35.0
\$35,000 or Higher per Year	9	5.2	1.4	9.1
<b>Disability</b>				
Living with a Disability	10	18.8	4.0	33.6
Living without a Disability	15	7.5	3.1	11.9

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Miami County	20	10.4	5.0	15.8
<b>Gender</b>				
Men	*	*	*	*
Women	17	17.7	8.3	27.0
<b>Age</b>				
18 to 44 Years	8	13.2	3.5	22.9
45 to 64 Years	11	10.5	4.3	16.7
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	19	9.9	4.6	15.2
<b>Race</b>				
White	16	9.0	3.6	14.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	6	5.3	0.6	10.0
Some College or College Graduate	14	13.7	5.5	21.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	11	23.0	7.8	38.2
\$35,000 or Higher per Year	8	6.4	1.1	11.7
<b>Disability</b>				
Living with a Disability	9	17.7	3.4	32.1
Living without a Disability	10	8.2	2.7	13.6

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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Miami County	9	1.9	0.5	3.3
<b>Gender</b>				
Men	*	*	*	*
Women	6	2.1	0.3	3.9
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	*	*	*	*
65 Years and Older	8	10.5	2.8	18.1
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	9	2.0	0.5	3.4
<b>Race</b>				
White	9	2.0	0.6	3.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	6	3.4	0.3	6.5
Some College or College Graduate	*	*	*	*
<b>Annual Household Income</b>				
Less than \$35,000 per Year	7	6.2	0.9	11.5
\$35,000 or Higher per Year	*	*	*	*
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	5	1.2	0.1	2.4

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Miami County	76	38.4	30.4	46.4
<b>Gender</b>				
Men	27	39.8	25.5	54.1
Women	49	37.2	26.8	47.6
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	45.4	33.7	57.1
65 Years and Older	34	58.1	44.9	71.4
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	75	38.3	30.3	46.3
<b>Race</b>				
White	68	37.0	28.8	45.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	33	44.5	29.4	59.5
Some College or College Graduate	43	35.4	26.1	44.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	25	55.8	40.6	71.0
\$35,000 or Higher per Year	44	33.4	24.4	42.5
<b>Disability</b>				
Living with a Disability	30	52.5	36.0	68.9
Living without a Disability	46	34.1	25.0	43.2

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Miami County	79	24.4	18.0	30.7
<b>Gender</b>				
Men	28	22.5	12.8	32.2
Women	51	26.1	17.9	34.3
<b>Age</b>				
18 to 44 Years	5	8.5	1.2	15.9
45 to 64 Years	31	32.5	22.3	42.7
65 Years and Older	43	57.6	44.6	70.7
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	77	24.1	17.7	30.4
<b>Race</b>				
White	74	24.3	17.7	30.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	43	32.2	19.9	44.4
Some College or College Graduate	36	19.2	12.2	26.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	34	34.5	20.0	49.1
\$35,000 or Higher per Year	37	21.4	13.6	29.1
<b>Disability</b>				
Living with a Disability	37	49.8	33.9	65.7
Living without a Disability	42	17.7	11.5	24.0

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Miami County	120	67.6	60.0	75.1
<b>Gender</b>				
Men	50	75.2	65.3	85.2
Women	70	60.3	50.2	70.3
<b>Age</b>				
18 to 44 Years	45	86.6	76.8	96.4
45 to 64 Years	60	61.2	50.5	71.8
65 Years and Older	15	21.0	10.4	31.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	114	66.5	58.7	74.3
<b>Race</b>				
White	111	66.4	58.4	74.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	44	66.6	54.6	78.5
Some College or College Graduate	76	68.2	58.6	77.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	26	57.9	41.5	74.2
\$35,000 or Higher per Year	84	72.5	63.6	81.4
<b>Disability</b>				
Living with a Disability	25	52.3	36.7	68.0
Living without a Disability	94	71.5	62.9	80.0

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Miami County	70	22.3	15.8	28.8
<b>Gender</b>				
Men	23	20.9	10.4	31.5
Women	47	23.6	15.8	31.4
<b>Age</b>				
18 to 44 Years	8	12.7	2.9	22.6
45 to 64 Years	27	24.3	15.4	33.3
65 Years and Older	35	48.0	35.0	61.0
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	68	22.8	16.1	29.5
<b>Race</b>				
White	64	20.6	14.6	26.5
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	39	30.2	17.1	43.2
Some College or College Graduate	31	17.1	10.6	23.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	39	47.1	28.7	65.4
\$35,000 or Higher per Year	23	12.9	7.1	18.6
<b>Disability</b>				
Living with a Disability	28	28.5	16.5	40.6
Living without a Disability	42	20.7	13.1	28.4

**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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Miami County	119	51.7	42.4	61.0
<b>Gender</b>				
Men	46	54.2	39.4	69.1
Women	73	49.2	37.9	60.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	50	52.5	41.5	63.4
65 Years and Older	48	72.1	58.9	85.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	115	51.2	41.7	60.6
<b>Race</b>				
White	109	49.7	40.2	59.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	55	54.1	37.5	70.7
Some College or College Graduate	64	50.2	39.2	61.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	51	83.8	73.7	93.8
\$35,000 or Higher per Year	56	39.7	28.9	50.6
<b>Disability</b>				
Living with a Disability	44	64.4	48.3	80.4
Living without a Disability	75	48.5	37.6	59.4

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Miami County	119	51.7	42.4	61.0
<b>Gender</b>				
Men	46	54.2	39.4	69.1
Women	73	49.2	37.9	60.5
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	50	52.5	41.5	63.4
65 Years and Older	48	72.1	58.9	85.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	115	51.2	41.7	60.6
<b>Race</b>				
White	109	49.7	40.2	59.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	55	54.1	37.5	70.7
Some College or College Graduate	64	50.2	39.2	61.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	51	83.8	73.7	93.8
\$35,000 or Higher per Year	56	39.7	28.9	50.6
<b>Disability</b>				
Living with a Disability	44	64.4	48.3	80.4
Living without a Disability	75	48.5	37.6	59.4

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Miami County	168	69.1	60.0	78.2
<b>Gender</b>				
Men	60	67.6	52.6	82.6
Women	108	70.5	60.3	80.7
<b>Age</b>				
18 to 44 Years	28	56.2	40.3	72.0
45 to 64 Years	78	79.2	70.4	88.0
65 Years and Older	62	90.1	81.5	98.6
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	164	69.0	59.8	78.3
<b>Race</b>				
White	158	68.4	58.9	77.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	72	69.6	53.5	85.8
Some College or College Graduate	96	68.7	57.9	79.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	61	92.7	85.8	99.7
\$35,000 or Higher per Year	90	60.6	49.1	72.2
<b>Disability</b>				
Living with a Disability	57	78.3	62.6	94.0
Living without a Disability	111	66.9	56.2	77.6

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Miami County	62	30.6	21.9	39.2
<b>Gender</b>				
Men	14	20.8	7.7	34.0
Women	48	39.6	28.8	50.5
<b>Age</b>				
18 to 44 Years	20	36.8	21.7	51.9
45 to 64 Years	29	27.6	18.1	37.1
65 Years and Older	13	15.9	6.9	25.0
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	60	30.2	21.3	39.0
<b>Race</b>				
White	58	30.7	21.7	39.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	23	26.1	11.7	40.5
Some College or College Graduate	39	33.5	22.8	44.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	29	48.1	28.8	67.4
\$35,000 or Higher per Year	29	25.4	15.7	35.1
<b>Disability</b>				
Living with a Disability	24	32.9	17.9	48.0
Living without a Disability	37	29.7	19.5	39.9

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Miami County	39	17.9	10.9	24.8
<b>Gender</b>				
Men	21	23.5	11.1	35.9
Women	18	12.5	6.1	18.9
<b>Age</b>				
18 to 44 Years	9	16.6	4.6	28.6
45 to 64 Years	23	23.5	14.4	32.6
65 Years and Older	7	10.9	2.6	19.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	38	17.8	10.7	24.9
<b>Race</b>				
White	36	18.1	10.7	25.4
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	19	26.7	12.2	41.2
Some College or College Graduate	20	12.2	6.4	17.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	17	19.8	8.5	31.0
\$35,000 or Higher per Year	21	17.9	8.8	27.1
<b>Disability</b>				
Living with a Disability	12	12.8	4.8	20.7
Living without a Disability	27	19.3	10.8	27.8

**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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Miami County	15	5.2	2.3	8.1
<b>Gender</b>				
Men	12	9.4	3.6	15.2
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	11	11.9	4.7	19.1
65 Years and Older	*	*	*	*
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	15	5.4	2.4	8.4
<b>Race</b>				
White	15	5.7	2.5	8.8
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	8.7	2.6	14.8
Some College or College Graduate	5	2.9	0.2	5.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	6	7.5	0.7	14.3
\$35,000 or Higher per Year	7	4.0	0.9	7.2
<b>Disability</b>				
Living with a Disability	*	*	*	*
Living without a Disability	11	5.2	1.9	8.4

**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**

**Miami County**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Miami County	23	9.1	4.9	13.3
<b>Gender</b>				
Men	23	18.6	9.8	27.4
Women	*	*	*	*
<b>Age</b>				
18 to 44 Years	*	*	*	*
45 to 64 Years	12	12.9	5.9	20.0
65 Years and Older	9	18.9	7.4	30.5
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	23	9.4	5.1	13.8
<b>Race</b>				
White	22	9.4	5.0	13.9
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	10	10.9	2.7	19.2
Some College or College Graduate	13	7.9	3.5	12.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	9	13.2	3.9	22.6
\$35,000 or Higher per Year	12	7.9	2.8	13.0
<b>Disability</b>				
Living with a Disability	9	20.3	6.1	34.5
Living without a Disability	14	6.2	2.8	9.6

**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

### Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Miami County	57	22.3	15.4	29.3
<b>Gender</b>				
Men	22	24.4	12.5	36.2
Women	35	20.4	12.9	27.8
<b>Age</b>				
18 to 44 Years	7	14.2	3.4	25.1
45 to 64 Years	34	34.4	24.0	44.9
65 Years and Older	16	25.4	13.6	37.1
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	54	21.3	14.4	28.2
<b>Race</b>				
White	50	19.0	12.9	25.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	24	25.9	13.0	38.8
Some College or College Graduate	33	20.1	12.3	27.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	17	25.1	8.2	42.0
\$35,000 or Higher per Year	38	22.7	14.6	30.7
<b>Disability</b>				
Living with a Disability	24	39.5	24.1	54.8
Living without a Disability	32	17.5	9.9	25.1

**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

## Miami County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Miami County	127	59.5	50.3	68.8
<b>Gender</b>				
Men	49	59.2	44.1	74.2
Women	78	59.9	49.0	70.7
<b>Age</b>				
18 to 44 Years	32	58.5	42.7	74.2
45 to 64 Years	60	64.5	53.7	75.3
65 Years and Older	35	53.6	40.3	66.9
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	123	59.1	49.6	68.6
<b>Race</b>				
White	116	57.6	48.0	67.3
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	53	57.9	41.3	74.5
Some College or College Graduate	74	60.6	49.8	71.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	37	54.7	35.5	73.8
\$35,000 or Higher per Year	82	64.6	53.4	75.7
<b>Disability</b>				
Living with a Disability	40	72.0	59.4	84.7
Living without a Disability	86	56.1	45.1	67.0

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