

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

## South Central Metro Region



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  
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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.

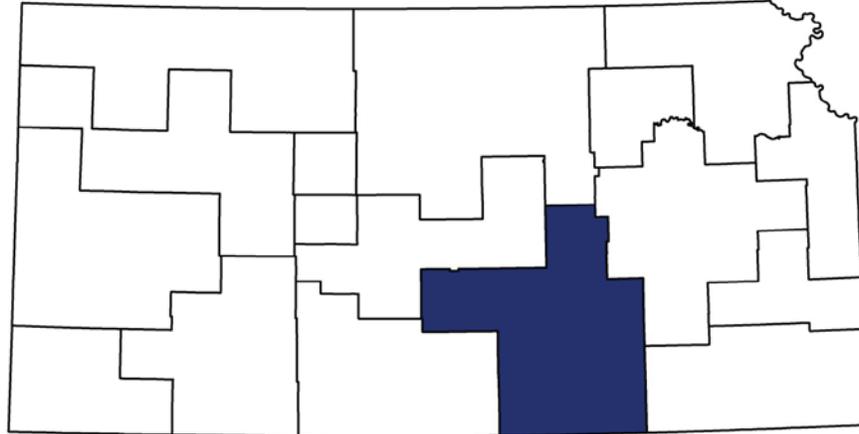
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and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



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



The South Central Metro Region comprises the following counties:  
**Butler, Cowley, Harvey, Marion, Reno, Sedgwick, Sumner**

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

## South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
South Central Metro Region County	444	14.3	12.7	15.9
<b>Gender</b>				
Men	266	19.8	17.1	22.6
Women	178	9.0	7.4	10.6
<b>Age</b>				
18 to 44 Years	206	20.3	17.5	23.2
45 to 64 Years	201	10.0	8.5	11.5
65 Years and Older	37	3.0	2.0	4.0
<b>Ethnicity</b>				
Hispanic	22	16.7	8.6	24.7
Non-Hispanic	421	14.1	12.5	15.8
<b>Race</b>				
White	401	14.7	13.0	16.4
African American	15	11.0	4.4	17.6
Other	19	12.1	5.5	18.6
Multi-Race	9	10.9	2.6	19.3
<b>Education</b>				
High School Graduate or Less	150	13.9	11.1	16.7
Some College or College Graduate	294	14.5	12.5	16.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	88	10.6	7.7	13.5
\$35,000 or Higher per Year	325	16.5	14.4	18.6
<b>Disability</b>				
Living with a Disability	54	6.9	4.1	9.6
Living without a Disability	389	16.2	14.3	18.1

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
South Central Metro Region County	148	3.6	2.8	4.4
<b>Gender</b>				
Men	76	4.5	3.2	5.9
Women	72	2.7	2.0	3.5
<b>Age</b>				
18 to 44 Years	47	4.1	2.8	5.5
45 to 64 Years	73	3.5	2.6	4.3
65 Years and Older	28	2.2	1.4	3.1
<b>Ethnicity</b>				
Hispanic	5	2.9	0.0	6.0
Non-Hispanic	143	3.6	2.8	4.4
<b>Race</b>				
White	137	3.7	2.9	4.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	53	3.8	2.4	5.2
Some College or College Graduate	95	3.5	2.6	4.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	38	3.3	1.8	4.7
\$35,000 or Higher per Year	97	3.6	2.7	4.5
<b>Disability</b>				
Living with a Disability	21	1.9	0.7	3.1
Living without a Disability	127	4.1	3.1	5.0

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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
South Central Metro Region County	1627	23.8	22.4	25.2
<b>Gender</b>				
Men	525	20.4	18.3	22.5
Women	1102	27.0	25.1	28.8
<b>Age</b>				
18 to 44 Years	137	10.0	8.1	11.8
45 to 64 Years	703	31.8	29.5	34.1
65 Years and Older	787	51.8	49.0	54.5
<b>Ethnicity</b>				
Hispanic	39	12.8	7.2	18.3
Non-Hispanic	1585	24.4	22.9	25.8
<b>Race</b>				
White	1473	24.7	23.1	26.2
African American	70	22.4	15.5	29.3
Other	44	9.3	5.9	12.7
Multi-Race	35	30.7	18.6	42.8
<b>Education</b>				
High School Graduate or Less	680	27.4	24.8	30.1
Some College or College Graduate	945	21.8	20.1	23.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	669	30.2	27.2	33.2
\$35,000 or Higher per Year	744	21.0	19.2	22.7
<b>Disability</b>				
Living with a Disability	833	57.3	53.3	61.2
Living without a Disability	789	15.2	13.9	16.5

**Numerator:** Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

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

\* Insufficient Sample

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

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
South Central Metro Region County	750	44.1	41.1	47.1
<b>Gender</b>				
Men	210	40.9	35.6	46.2
Women	540	46.4	42.8	50.0
<b>Age</b>				
18 to 44 Years	51	35.5	26.4	44.6
45 to 64 Years	335	47.1	42.8	51.4
65 Years and Older	364	46.0	42.2	49.8
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	730	43.7	40.6	46.8
<b>Race</b>				
White	670	43.2	40.1	46.4
African American	41	54.9	39.3	70.5
Other	*	*	*	*
Multi-Race	*	*	*	*
<b>Education</b>				
High School Graduate or Less	330	48.8	44.0	53.7
Some College or College Graduate	420	40.9	37.0	44.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	361	53.8	48.7	59.0
\$35,000 or Higher per Year	294	37.8	33.5	42.0
<b>Disability</b>				
Living with a Disability	592	71.6	67.6	75.6
Living without a Disability	153	17.1	14.0	20.2

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
South Central Metro Region County	641	8.7	7.9	9.5
<b>Gender</b>				
Men	206	6.8	5.7	7.9
Women	435	10.5	9.3	11.7
<b>Age</b>				
18 to 44 Years	35	2.5	1.6	3.5
45 to 64 Years	221	9.5	8.1	10.9
65 Years and Older	385	25.5	23.1	27.9
<b>Ethnicity</b>				
Hispanic	16	6.7	2.9	10.6
Non-Hispanic	624	8.8	7.9	9.6
<b>Race</b>				
White	595	9.0	8.1	9.9
African American	18	7.1	2.2	11.9
Other	15	3.9	1.7	6.1
Multi-Race	12	11.8	2.9	20.8
<b>Education</b>				
High School Graduate or Less	264	9.9	8.4	11.5
Some College or College Graduate	377	8.0	7.0	9.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	267	11.4	9.6	13.2
\$35,000 or Higher per Year	293	7.5	6.5	8.5
<b>Disability</b>				
Living with a Disability	274	16.8	14.4	19.2
Living without a Disability	364	6.6	5.8	7.4

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
South Central Metro Region County	1375	27.2	25.4	28.9
<b>Gender</b>				
Men	488	25.0	22.3	27.6
Women	887	29.2	27.1	31.4
<b>Age</b>				
18 to 44 Years	271	22.5	19.7	25.3
45 to 64 Years	730	36.1	33.7	38.5
65 Years and Older	374	26.3	23.9	28.7
<b>Ethnicity</b>				
Hispanic	40	19.5	11.9	27.1
Non-Hispanic	1335	27.6	25.8	29.3
<b>Race</b>				
White	1230	26.8	25.1	28.6
African American	64	29.8	20.8	38.9
Other	53	28.9	20.3	37.5
Multi-Race	26	31.8	18.9	44.8
<b>Education</b>				
High School Graduate or Less	466	28.4	25.3	31.5
Some College or College Graduate	908	26.5	24.5	28.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	422	28.2	24.8	31.6
\$35,000 or Higher per Year	806	27.7	25.5	29.8
<b>Disability</b>				
Living with a Disability	375	30.7	27.1	34.2
Living without a Disability	992	26.3	24.3	28.2

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
South Central Metro Region County	322	6.5	5.6	7.5
<b>Gender</b>				
Men	91	4.9	3.5	6.2
Women	231	8.1	6.8	9.4
<b>Age</b>				
18 to 44 Years	79	6.2	4.6	7.7
45 to 64 Years	152	7.4	6.1	8.8
65 Years and Older	91	6.2	4.9	7.6
<b>Ethnicity</b>				
Hispanic	10	4.9	1.4	8.3
Non-Hispanic	310	6.6	5.6	7.6
<b>Race</b>				
White	271	6.2	5.2	7.2
African American	19	9.8	3.2	16.3
Other	16	6.6	2.9	10.3
Multi-Race	14	12.3	4.5	20.1
<b>Education</b>				
High School Graduate or Less	130	7.3	5.6	9.0
Some College or College Graduate	192	6.1	5.0	7.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	129	8.6	6.6	10.6
\$35,000 or Higher per Year	158	5.8	4.6	6.9
<b>Disability</b>				
Living with a Disability	167	13.8	11.1	16.5
Living without a Disability	151	4.5	3.6	5.4

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
South Central Metro Region County	607	8.5	7.6	9.3
<b>Gender</b>				
Men	250	8.7	7.3	10.0
Women	357	8.3	7.3	9.4
<b>Age</b>				
18 to 44 Years	36	2.6	1.7	3.6
45 to 64 Years	257	11.6	10.0	13.2
65 Years and Older	314	20.8	18.6	23.1
<b>Ethnicity</b>				
Hispanic	32	11.2	6.3	16.2
Non-Hispanic	574	8.3	7.5	9.2
<b>Race</b>				
White	513	8.1	7.2	8.9
African American	42	13.5	8.4	18.5
Other	36	10.2	6.0	14.5
Multi-Race	13	9.8	3.4	16.2
<b>Education</b>				
High School Graduate or Less	282	10.9	9.3	12.5
Some College or College Graduate	324	7.1	6.2	8.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	287	13.2	11.2	15.2
\$35,000 or Higher per Year	241	6.3	5.3	7.2
<b>Disability</b>				
Living with a Disability	302	19.2	16.7	21.7
Living without a Disability	301	5.8	4.9	6.6

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
South Central Metro Region County	1302	20.5	19.1	22.0
<b>Gender</b>				
Men	455	19.1	16.9	21.3
Women	847	21.9	20.1	23.8
<b>Age</b>				
18 to 44 Years	143	12.1	9.9	14.3
45 to 64 Years	539	23.9	21.9	26.0
65 Years and Older	620	40.1	37.4	42.8
<b>Ethnicity</b>				
Hispanic	40	20.0	12.1	27.9
Non-Hispanic	1256	20.5	19.0	22.0
<b>Race</b>				
White	1159	20.3	18.8	21.8
African American	66	28.4	19.2	37.6
Other	34	13.1	7.0	19.3
Multi-Race	36	33.1	20.7	45.5
<b>Education</b>				
High School Graduate or Less	567	26.4	23.6	29.3
Some College or College Graduate	734	17.3	15.7	18.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	611	31.3	28.0	34.6
\$35,000 or Higher per Year	509	15.0	13.4	16.6

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
South Central Metro Region County	1188	19.0	17.5	20.4
<b>Gender</b>				
Men	401	17.2	15.0	19.4
Women	787	20.6	18.8	22.5
<b>Age</b>				
18 to 44 Years	136	11.5	9.3	13.7
45 to 64 Years	503	22.4	20.4	24.5
65 Years and Older	549	35.4	32.8	38.0
<b>Ethnicity</b>				
Hispanic	38	19.5	11.7	27.4
Non-Hispanic	1145	18.9	17.5	20.3
<b>Race</b>				
White	1059	18.7	17.3	20.2
African American	60	26.9	17.6	36.1
Other	28	11.8	5.7	17.9
Multi-Race	35	31.0	18.9	43.1
<b>Education</b>				
High School Graduate or Less	511	24.4	21.5	27.2
Some College or College Graduate	677	16.0	14.5	17.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	557	28.9	25.7	32.1
\$35,000 or Higher per Year	472	14.0	12.5	15.5

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
South Central Metro Region County	3714	81.2	79.7	82.7
<b>Gender</b>				
Men	1524	83.9	81.6	86.2
Women	2190	78.6	76.6	80.6
<b>Age</b>				
18 to 44 Years	928	82.4	79.8	84.9
45 to 64 Years	1654	81.8	79.8	83.7
65 Years and Older	1132	76.5	74.2	78.8
<b>Ethnicity</b>				
Hispanic	131	82.7	75.7	89.6
Non-Hispanic	3575	81.1	79.5	82.6
<b>Race</b>				
White	3326	81.1	79.5	82.7
African American	158	80.4	73.3	87.6
Other	148	82.0	75.4	88.6
Multi-Race	70	81.1	69.3	93.0
<b>Education</b>				
High School Graduate or Less	1382	84.6	82.1	87.2
Some College or College Graduate	2327	79.3	77.4	81.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	1238	81.7	78.7	84.7
\$35,000 or Higher per Year	2065	81.2	79.4	83.0
<b>Disability</b>				
Living with a Disability	1015	78.4	75.1	81.7
Living without a Disability	2686	81.8	80.1	83.5

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
South Central Metro Region County	1793	40.0	38.0	41.9
<b>Gender</b>				
Men	812	44.9	41.8	48.1
Women	981	35.3	32.9	37.6
<b>Age</b>				
18 to 44 Years	449	39.4	36.1	42.7
45 to 64 Years	918	46.9	44.4	49.4
65 Years and Older	426	30.0	27.5	32.6
<b>Ethnicity</b>				
Hispanic	75	40.9	31.0	50.8
Non-Hispanic	1713	39.9	37.9	41.9
<b>Race</b>				
White	1608	40.3	38.3	42.4
African American	71	36.0	26.2	45.8
Other	69	35.7	26.7	44.7
Multi-Race	40	46.7	32.6	60.8
<b>Education</b>				
High School Graduate or Less	637	39.7	36.2	43.1
Some College or College Graduate	1155	40.1	37.8	42.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	501	35.1	31.4	38.8
\$35,000 or Higher per Year	1152	44.5	42.0	47.0
<b>Disability</b>				
Living with a Disability	432	36.8	33.0	40.6
Living without a Disability	1358	40.9	38.7	43.2

**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

## South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
South Central Metro Region County	779	12.6	11.4	13.8
<b>Gender</b>				
Men	272	11.8	9.9	13.7
Women	507	13.4	11.8	15.0
<b>Age</b>				
18 to 44 Years	98	8.7	6.7	10.6
45 to 64 Years	309	13.2	11.5	14.8
65 Years and Older	372	23.5	21.2	25.7
<b>Ethnicity</b>				
Hispanic	41	21.3	13.4	29.3
Non-Hispanic	737	12.2	10.9	13.4
<b>Race</b>				
White	656	11.5	10.3	12.7
African American	62	26.0	16.7	35.3
Other	39	17.0	10.5	23.6
Multi-Race	21	18.1	7.8	28.5
<b>Education</b>				
High School Graduate or Less	442	21.0	18.3	23.7
Some College or College Graduate	337	8.0	6.8	9.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	440	23.8	20.7	26.8
\$35,000 or Higher per Year	226	7.4	6.1	8.7
<b>Disability</b>				
Living with a Disability	535	37.1	33.5	40.7
Living without a Disability	233	6.0	4.9	7.1

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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
South Central Metro Region County	417	11.4	10.0	12.8
<b>Gender</b>				
Men	160	11.2	9.0	13.4
Women	257	11.5	9.8	13.3
<b>Age</b>				
18 to 44 Years	175	15.4	12.9	17.9
45 to 64 Years	221	10.3	8.8	11.7
65 Years and Older	21	1.1	0.6	1.7
<b>Ethnicity</b>				
Hispanic	26	20.7	12.5	28.9
Non-Hispanic	390	10.9	9.5	12.3
<b>Race</b>				
White	327	10.2	8.7	11.6
African American	41	25.1	16.2	34.0
Other	31	18.3	11.4	25.3
Multi-Race	16	14.5	6.5	22.4
<b>Education</b>				
High School Graduate or Less	215	17.4	14.5	20.3
Some College or College Graduate	201	8.0	6.6	9.5
<b>Annual Household Income</b>				
Less than \$35,000 per Year	278	26.2	22.6	29.8
\$35,000 or Higher per Year	92	4.0	3.0	5.1
<b>Disability</b>				
Living with a Disability	94	9.0	6.6	11.5
Living without a Disability	318	11.9	10.3	13.6

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
South Central Metro Region County	387	12.9	11.3	14.5
<b>Gender</b>				
Men	182	15.8	13.2	18.5
Women	205	10.1	8.4	11.9
<b>Age</b>				
18 to 44 Years	187	19.3	16.5	22.1
45 to 64 Years	147	7.2	5.9	8.5
65 Years and Older	53	3.3	2.3	4.2
<b>Ethnicity</b>				
Hispanic	36	34.7	24.7	44.8
Non-Hispanic	349	11.8	10.2	13.3
<b>Race</b>				
White	303	11.1	9.6	12.7
African American	34	25.7	15.8	35.5
Other	35	28.8	19.8	37.8
Multi-Race	12	16.1	5.0	27.2
<b>Education</b>				
High School Graduate or Less	192	18.1	15.1	21.2
Some College or College Graduate	195	10.1	8.3	11.8
<b>Annual Household Income</b>				
Less than \$35,000 per Year	213	22.9	19.3	26.5
\$35,000 or Higher per Year	126	7.6	6.0	9.1
<b>Disability</b>				
Living with a Disability	68	6.7	4.3	9.1
Living without a Disability	314	14.3	12.4	16.2

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
South Central Metro Region County	470	11.8	10.4	13.1
<b>Gender</b>				
Men	142	9.8	7.8	11.8
Women	328	13.7	11.8	15.5
<b>Age</b>				
18 to 44 Years	189	15.4	13.0	17.8
45 to 64 Years	226	10.1	8.7	11.6
65 Years and Older	55	3.6	2.5	4.6
<b>Ethnicity</b>				
Hispanic	32	24.8	15.8	33.8
Non-Hispanic	437	11.1	9.8	12.4
<b>Race</b>				
White	380	10.4	9.1	11.8
African American	45	25.8	16.3	35.2
Other	30	17.7	10.5	24.9
Multi-Race	13	21.2	8.6	33.8
<b>Education</b>				
High School Graduate or Less	202	15.2	12.5	17.8
Some College or College Graduate	267	9.9	8.4	11.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	293	25.2	21.7	28.6
\$35,000 or Higher per Year	133	5.6	4.4	6.8
<b>Disability</b>				
Living with a Disability	185	17.7	14.4	20.9
Living without a Disability	279	10.0	8.5	11.4

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
South Central Metro Region County	417	9.1	7.9	10.3
<b>Gender</b>				
Men	115	7.0	5.2	8.7
Women	302	11.1	9.5	12.8
<b>Age</b>				
18 to 44 Years	116	9.9	7.8	12.0
45 to 64 Years	201	9.5	8.0	10.9
65 Years and Older	100	5.8	4.6	7.0
<b>Ethnicity</b>				
Hispanic	15	7.2	2.7	11.6
Non-Hispanic	400	9.2	7.9	10.4
<b>Race</b>				
White	370	9.2	8.0	10.5
African American	29	14.0	5.3	22.8
Other	9	3.3	0.6	6.0
Multi-Race	7	8.6	0.7	16.5
<b>Education</b>				
High School Graduate or Less	186	12.9	10.3	15.6
Some College or College Graduate	230	6.9	5.8	8.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	206	14.6	11.8	17.4
\$35,000 or Higher per Year	168	6.6	5.2	7.9
<b>Disability</b>				
Living with a Disability	218	20.7	17.1	24.4
Living without a Disability	194	5.9	4.8	7.0

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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
South Central Metro Region County	283	3.9	3.4	4.5
<b>Gender</b>				
Men	153	5.1	4.1	6.2
Women	130	2.8	2.3	3.4
<b>Age</b>				
18 to 44 Years	13	1.2	0.5	1.9
45 to 64 Years	101	4.5	3.5	5.5
65 Years and Older	169	11.4	9.7	13.2
<b>Ethnicity</b>				
Hispanic	11	3.6	1.3	6.0
Non-Hispanic	272	4.0	3.4	4.6
<b>Race</b>				
White	247	3.9	3.3	4.4
African American	11	3.0	1.0	5.1
Other	13	5.2	1.1	9.2
Multi-Race	12	6.6	2.2	10.9
<b>Education</b>				
High School Graduate or Less	133	5.2	4.1	6.4
Some College or College Graduate	150	3.2	2.6	3.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	138	6.2	4.9	7.6
\$35,000 or Higher per Year	110	3.0	2.3	3.6
<b>Disability</b>				
Living with a Disability	157	10.1	8.2	12.1
Living without a Disability	125	2.4	1.9	2.9

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
South Central Metro Region County	1824	38.7	36.8	40.6
<b>Gender</b>				
Men	690	39.5	36.5	42.6
Women	1134	38.0	35.6	40.4
<b>Age</b>				
18 to 44 Years	222	27.8	24.3	31.3
45 to 64 Years	885	44.8	42.2	47.3
65 Years and Older	717	50.2	47.3	53.0
<b>Ethnicity</b>				
Hispanic	47	31.7	21.7	41.7
Non-Hispanic	1774	39.0	37.0	40.9
<b>Race</b>				
White	1654	39.2	37.2	41.2
African American	72	30.3	21.4	39.2
Other	61	38.6	28.2	48.9
Multi-Race	31	37.3	23.6	51.1
<b>Education</b>				
High School Graduate or Less	667	43.0	39.6	46.5
Some College or College Graduate	1157	36.9	34.6	39.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	622	42.2	38.3	46.0
\$35,000 or Higher per Year	994	37.0	34.6	39.4
<b>Disability</b>				
Living with a Disability	633	50.8	47.0	54.6
Living without a Disability	1176	35.1	32.9	37.3

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
South Central Metro Region County	1869	28.5	26.9	30.1
<b>Gender</b>				
Men	709	28.3	25.8	30.8
Women	1160	28.8	26.8	30.7
<b>Age</b>				
18 to 44 Years	176	14.3	12.0	16.5
45 to 64 Years	769	34.8	32.5	37.2
65 Years and Older	924	60.9	58.2	63.6
<b>Ethnicity</b>				
Hispanic	43	20.1	12.2	27.9
Non-Hispanic	1823	29.0	27.3	30.6
<b>Race</b>				
White	1655	28.5	26.8	30.1
African American	119	42.5	33.3	51.8
Other	55	19.0	12.2	25.7
Multi-Race	34	28.1	17.1	39.2
<b>Education</b>				
High School Graduate or Less	768	32.3	29.4	35.3
Some College or College Graduate	1097	26.3	24.5	28.2
<b>Annual Household Income</b>				
Less than \$35,000 per Year	762	36.6	33.2	39.9
\$35,000 or Higher per Year	860	24.1	22.3	26.0
<b>Disability</b>				
Living with a Disability	751	51.0	47.1	54.8
Living without a Disability	1104	22.8	21.1	24.4

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
South Central Metro Region County	2459	61.3	59.4	63.1
<b>Gender</b>				
Men	1032	65.0	62.2	67.8
Women	1427	57.7	55.3	60.1
<b>Age</b>				
18 to 44 Years	804	71.6	68.7	74.6
45 to 64 Years	1195	60.8	58.4	63.2
65 Years and Older	460	31.1	28.6	33.7
<b>Ethnicity</b>				
Hispanic	98	65.9	56.7	75.1
Non-Hispanic	2356	61.1	59.2	63.0
<b>Race</b>				
White	2165	60.8	58.8	62.8
African American	127	67.2	58.6	75.8
Other	111	67.0	58.7	75.3
Multi-Race	45	53.7	39.7	67.6
<b>Education</b>				
High School Graduate or Less	929	66.1	63.0	69.2
Some College or College Graduate	1527	58.7	56.4	61.0
<b>Annual Household Income</b>				
Less than \$35,000 per Year	789	62.4	59.0	65.9
\$35,000 or Higher per Year	1412	60.6	58.2	62.9
<b>Disability</b>				
Living with a Disability	539	50.0	46.2	53.8
Living without a Disability	1910	64.0	61.9	66.1

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
South Central Metro Region County	1203	22.1	20.6	23.7
<b>Gender</b>				
Men	407	19.5	17.2	21.9
Women	796	24.6	22.6	26.6
<b>Age</b>				
18 to 44 Years	222	18.2	15.7	20.7
45 to 64 Years	491	23.5	21.4	25.6
65 Years and Older	490	31.6	29.0	34.1
<b>Ethnicity</b>				
Hispanic	35	22.2	14.0	30.4
Non-Hispanic	1166	22.1	20.5	23.7
<b>Race</b>				
White	1052	21.8	20.2	23.4
African American	84	32.8	23.9	41.7
Other	41	20.4	13.3	27.5
Multi-Race	22	19.2	8.9	29.4
<b>Education</b>				
High School Graduate or Less	616	32.8	29.6	35.9
Some College or College Graduate	586	16.3	14.7	17.9
<b>Annual Household Income</b>				
Less than \$35,000 per Year	546	32.3	28.9	35.7
\$35,000 or Higher per Year	500	17.0	15.2	18.7
<b>Disability</b>				
Living with a Disability	502	35.7	32.2	39.3
Living without a Disability	690	18.3	16.6	19.9

**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

## South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
South Central Metro Region County	2525	51.5	49.5	53.5
<b>Gender</b>				
Men	937	49.5	46.3	52.7
Women	1588	53.4	50.9	56.0
<b>Age</b>				
18 to 44 Years	537	47.0	43.6	50.4
45 to 64 Years	1093	53.4	50.9	56.0
65 Years and Older	895	62.3	59.6	65.0
<b>Ethnicity</b>				
Hispanic	85	59.2	49.2	69.1
Non-Hispanic	2435	51.1	49.0	53.2
<b>Race</b>				
White	2249	50.9	48.8	53.1
African American	121	52.6	42.3	62.8
Other	106	62.1	53.2	70.9
Multi-Race	41	45.2	31.4	58.9
<b>Education</b>				
High School Graduate or Less	964	54.3	50.7	58.0
Some College or College Graduate	1558	50.0	47.5	52.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	904	55.6	51.7	59.6
\$35,000 or Higher per Year	1318	48.9	46.4	51.4
<b>Disability</b>				
Living with a Disability	862	65.4	61.6	69.2
Living without a Disability	1654	47.9	45.5	50.2

**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

## South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
South Central Metro Region County	2525	51.5	49.5	53.5
<b>Gender</b>				
Men	937	49.5	46.3	52.7
Women	1588	53.4	50.9	56.0
<b>Age</b>				
18 to 44 Years	537	47.0	43.6	50.4
45 to 64 Years	1093	53.4	50.9	56.0
65 Years and Older	895	62.3	59.6	65.0
<b>Ethnicity</b>				
Hispanic	85	59.2	49.2	69.1
Non-Hispanic	2435	51.1	49.0	53.2
<b>Race</b>				
White	2249	50.9	48.8	53.1
African American	121	52.6	42.3	62.8
Other	106	62.1	53.2	70.9
Multi-Race	41	45.2	31.4	58.9
<b>Education</b>				
High School Graduate or Less	964	54.3	50.7	58.0
Some College or College Graduate	1558	50.0	47.5	52.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	904	55.6	51.7	59.6
\$35,000 or Higher per Year	1318	48.9	46.4	51.4
<b>Disability</b>				
Living with a Disability	862	65.4	61.6	69.2
Living without a Disability	1654	47.9	45.5	50.2

**Numerator:** Respondents reporting they did not participate in 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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
South Central Metro Region County	3615	71.5	69.5	73.4
<b>Gender</b>				
Men	1330	67.8	64.6	70.9
Women	2285	75.0	72.6	77.4
<b>Age</b>				
18 to 44 Years	747	63.2	59.9	66.6
45 to 64 Years	1583	77.0	74.8	79.2
65 Years and Older	1285	87.0	85.1	88.8
<b>Ethnicity</b>				
Hispanic	121	72.4	63.0	81.8
Non-Hispanic	3486	71.4	69.4	73.4
<b>Race</b>				
White	3238	71.1	69.0	73.2
African American	159	70.0	60.4	79.6
Other	144	76.7	68.8	84.6
Multi-Race	60	71.6	59.0	84.3
<b>Education</b>				
High School Graduate or Less	1345	73.4	69.8	77.0
Some College or College Graduate	2265	70.4	68.0	72.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	1293	77.4	73.6	81.2
\$35,000 or Higher per Year	1898	68.5	66.1	70.9
<b>Disability</b>				
Living with a Disability	1148	84.1	80.6	87.6
Living without a Disability	2455	68.1	65.8	70.4

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
South Central Metro Region County	1085	26.3	24.5	28.1
<b>Gender</b>				
Men	373	23.8	21.1	26.6
Women	712	28.7	26.3	31.1
<b>Age</b>				
18 to 44 Years	372	31.3	28.2	34.4
45 to 64 Years	509	25.1	22.9	27.3
65 Years and Older	204	13.2	11.3	15.0
<b>Ethnicity</b>				
Hispanic	43	32.6	22.8	42.3
Non-Hispanic	1041	26.0	24.2	27.8
<b>Race</b>				
White	952	25.2	23.3	27.1
African American	60	36.1	26.2	46.0
Other	47	29.4	20.8	38.0
Multi-Race	23	44.5	30.1	58.8
<b>Education</b>				
High School Graduate or Less	395	27.0	23.8	30.3
Some College or College Graduate	688	25.9	23.7	28.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	385	29.6	25.9	33.2
\$35,000 or Higher per Year	596	25.3	23.1	27.5
<b>Disability</b>				
Living with a Disability	395	36.3	32.4	40.3
Living without a Disability	681	23.5	21.5	25.5

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
South Central Metro Region County	810	19.2	17.6	20.8
<b>Gender</b>				
Men	323	19.3	16.7	21.8
Women	487	19.1	17.1	21.2
<b>Age</b>				
18 to 44 Years	250	21.6	18.8	24.4
45 to 64 Years	417	20.8	18.7	22.9
65 Years and Older	143	9.4	7.8	11.0
<b>Ethnicity</b>				
Hispanic	24	11.2	5.5	16.9
Non-Hispanic	785	19.6	18.0	21.3
<b>Race</b>				
White	700	19.0	17.3	20.8
African American	55	24.4	16.1	32.6
Other	32	16.7	10.2	23.1
Multi-Race	20	22.7	11.6	33.9
<b>Education</b>				
High School Graduate or Less	393	29.0	25.7	32.3
Some College or College Graduate	416	13.8	12.1	15.4
<b>Annual Household Income</b>				
Less than \$35,000 per Year	350	27.2	23.7	30.7
\$35,000 or Higher per Year	386	16.0	14.1	17.9
<b>Disability</b>				
Living with a Disability	257	24.0	20.4	27.6
Living without a Disability	546	17.7	16.0	19.5

**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

## South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
South Central Metro Region County	179	6.0	4.9	7.1
<b>Gender</b>				
Men	145	11.2	9.0	13.3
Women	34	1.0	0.6	1.5
<b>Age</b>				
18 to 44 Years	72	8.1	6.1	10.0
45 to 64 Years	76	4.4	3.3	5.5
65 Years and Older	31	2.3	1.5	3.2
<b>Ethnicity</b>				
Hispanic	*	*	*	*
Non-Hispanic	175	6.2	5.1	7.4
<b>Race</b>				
White	166	6.5	5.2	7.7
African American	5	3.0	0.0	6.4
Other	*	*	*	*
Multi-Race	5	5.4	0.0	10.8
<b>Education</b>				
High School Graduate or Less	78	7.1	5.0	9.2
Some College or College Graduate	100	5.4	4.1	6.6
<b>Annual Household Income</b>				
Less than \$35,000 per Year	49	4.2	2.5	5.9
\$35,000 or Higher per Year	113	6.8	5.3	8.3
<b>Disability</b>				
Living with a Disability	36	3.7	2.0	5.3
Living without a Disability	142	6.6	5.3	8.0

**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**

**South Central Metro Region**

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
South Central Metro Region County	647	11.3	10.2	12.4
<b>Gender</b>				
Men	589	21.1	19.0	23.2
Women	58	1.9	1.3	2.6
<b>Age</b>				
18 to 44 Years	73	6.4	4.8	8.0
45 to 64 Years	244	11.6	10.1	13.2
65 Years and Older	330	25.3	22.9	27.8
<b>Ethnicity</b>				
Hispanic	15	7.0	2.6	11.4
Non-Hispanic	628	11.5	10.4	12.6
<b>Race</b>				
White	571	11.0	9.9	12.1
African American	32	15.0	8.4	21.5
Other	25	12.3	6.3	18.2
Multi-Race	18	12.9	5.7	20.1
<b>Education</b>				
High School Graduate or Less	225	10.1	8.5	11.7
Some College or College Graduate	421	11.9	10.5	13.3
<b>Annual Household Income</b>				
Less than \$35,000 per Year	209	11.5	9.4	13.5
\$35,000 or Higher per Year	390	12.1	10.7	13.6
<b>Disability</b>				
Living with a Disability	201	15.6	13.0	18.2
Living without a Disability	444	10.3	9.1	11.4

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
South Central Metro Region County	1377	29.4	27.6	31.2
<b>Gender</b>				
Men	553	30.1	27.3	33.0
Women	824	28.7	26.5	30.9
<b>Age</b>				
18 to 44 Years	330	28.0	25.0	31.1
45 to 64 Years	686	34.1	31.7	36.5
65 Years and Older	361	25.7	23.3	28.2
<b>Ethnicity</b>				
Hispanic	47	34.6	24.4	44.8
Non-Hispanic	1327	29.1	27.3	30.9
<b>Race</b>				
White	1214	29.0	27.1	30.9
African American	82	39.3	29.5	49.1
Other	48	27.4	18.6	36.2
Multi-Race	28	30.1	17.7	42.4
<b>Education</b>				
High School Graduate or Less	506	30.2	27.0	33.3
Some College or College Graduate	870	29.0	26.8	31.1
<b>Annual Household Income</b>				
Less than \$35,000 per Year	480	32.3	28.8	35.8
\$35,000 or Higher per Year	763	29.0	26.8	31.3
<b>Disability</b>				
Living with a Disability	490	41.7	37.8	45.5
Living without a Disability	881	26.4	24.4	28.5

**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

### South Central Metro Region

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
South Central Metro Region County	3017	65.6	63.6	67.5
<b>Gender</b>				
Men	1365	73.1	70.2	76.0
Women	1652	58.1	55.5	60.6
<b>Age</b>				
18 to 44 Years	717	63.2	59.9	66.5
45 to 64 Years	1376	70.5	68.2	72.9
65 Years and Older	924	64.5	61.9	67.1
<b>Ethnicity</b>				
Hispanic	110	69.2	59.2	79.2
Non-Hispanic	2902	65.4	63.4	67.4
<b>Race</b>				
White	2682	65.7	63.7	67.8
African American	154	71.0	60.7	81.3
Other	115	61.0	51.6	70.5
Multi-Race	58	61.1	46.5	75.7
<b>Education</b>				
High School Graduate or Less	1060	62.2	58.6	65.8
Some College or College Graduate	1953	67.4	65.1	69.7
<b>Annual Household Income</b>				
Less than \$35,000 per Year	997	66.8	63.1	70.4
\$35,000 or Higher per Year	1730	67.4	65.0	69.8
<b>Disability</b>				
Living with a Disability	881	72.3	68.8	75.9
Living without a Disability	2119	64.1	61.8	66.4

**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.

\* Insufficient Sample