

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

Northeast Corner Regionalization Initiative



Kansas BRFSS
Bureau of Health Promotion
Kansas Department of Health and Environment
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Topeka, Kansas 66612-1274
www.kdheks.gov/brfss/index.html

Kansas Behavioral Risk Factor Surveillance System – Local Data, 2009

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Project Funding:

Partial funding for the 2009 Behavioral Risk Factor Survey was provided by cooperative agreement U58DP001968-01W1 Revised from the Centers for Disease Control and Prevention, Atlanta GA and by Kansas Health Foundation 200804006-01, Wichita KS.

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.

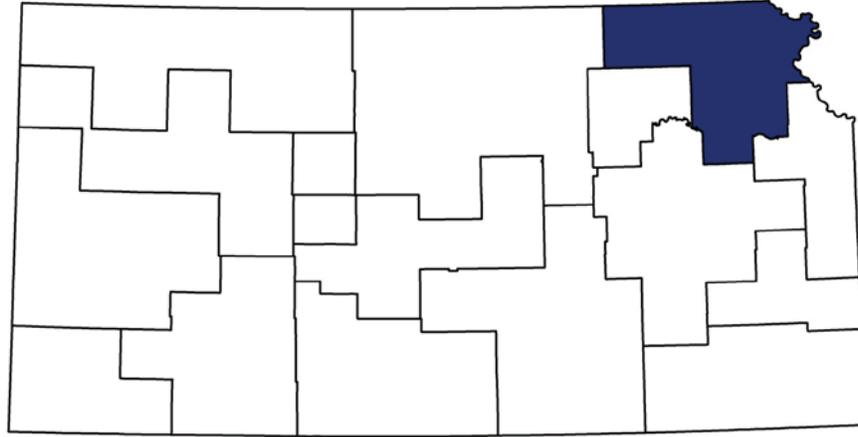
This significant enhancement is made possible by a grant from the Kansas Health Foundation (KHF), a private philanthropy dedicated to improving the health of all Kansans. This report is intended for use by local and regional public health officials, community leaders and policy makers to measure and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

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



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

Kansas Behavioral Risk Factor Surveillance System – Local Data, 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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1847	14.5	13.7	15.3
Northeast Corner Regionalization Initiative County	236	17.1	14.5	19.7
Gender				
Men	132	23.9	19.4	28.3
Women	104	11.1	8.3	13.8
Age				
18 to 44 Years	119	26.6	21.8	31.5
45 to 64 Years	102	12.0	9.5	14.4
65 Years and Older	15	2.4	1.1	3.6
Ethnicity				
Hispanic	12	22.5	9.8	35.2
Non-Hispanic	224	16.9	14.2	19.5
Race				
White	216	17.5	14.7	20.3
African American	5	9.8	1.0	18.6
Other	11	20.5	8.7	32.3
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	91	15.6	12.0	19.3
Some College or College Graduate	145	18.1	14.6	21.7
Annual Household Income				
Less than \$35,000 per Year	43	8.9	5.8	11.9
\$35,000 or Higher per Year	179	21.2	17.7	24.7
Disability				
Living with a Disability	43	14.2	8.5	19.9
Living without a Disability	193	17.9	15.0	20.9

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	645	4.1	3.6	4.6
Northeast Corner Regionalization Initiative County	80	4.8	3.2	6.3
Gender				
Men	33	4.4	2.4	6.4
Women	47	5.1	2.7	7.4
Age				
18 to 44 Years	26	6.5	3.4	9.5
45 to 64 Years	41	4.2	2.8	5.6
65 Years and Older	13	1.6	0.7	2.5
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	78	4.9	3.2	6.5
Race				
White	74	4.9	3.2	6.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	33	3.6	2.2	5.1
Some College or College Graduate	47	5.5	3.1	7.9
Annual Household Income				
Less than \$35,000 per Year	18	2.0	0.9	3.2
\$35,000 or Higher per Year	55	5.1	3.3	6.9
Disability				
Living with a Disability	14	3.7	0.4	7.0
Living without a Disability	66	5.1	3.3	6.8

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6314	24.1	23.4	24.8
Northeast Corner Regionalization Initiative County	733	23.7	21.6	25.7
Gender				
Men	227	20.0	16.8	23.2
Women	506	27.0	24.4	29.7
Age				
18 to 44 Years	56	9.4	6.6	12.1
45 to 64 Years	321	28.9	25.7	32.2
65 Years and Older	356	49.7	45.7	53.7
Ethnicity				
Hispanic	16	20.9	8.5	33.3
Non-Hispanic	716	23.8	21.7	25.9
Race				
White	654	23.4	21.2	25.5
African American	33	21.7	12.8	30.6
Other	31	31.0	18.8	43.2
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	330	25.7	22.5	29.0
Some College or College Graduate	401	22.3	19.6	25.0
Annual Household Income				
Less than \$35,000 per Year	326	35.7	31.3	40.0
\$35,000 or Higher per Year	325	19.4	17.0	21.8
Disability				
Living with a Disability	365	57.5	51.7	63.2
Living without a Disability	365	15.0	13.2	16.8

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2867	44.9	43.4	46.5
Northeast Corner Regionalization Initiative County	326	44.4	39.9	48.9
Gender				
Men	99	42.8	34.6	51.0
Women	227	45.5	40.5	50.5
Age				
18 to 44 Years	19	35.3	20.7	49.9
45 to 64 Years	153	49.6	43.1	56.1
65 Years and Older	154	43.8	38.2	49.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	319	43.6	39.3	48.0
Race				
White	288	43.0	38.4	47.6
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	145	48.2	41.8	54.6
Some College or College Graduate	180	41.5	35.5	47.6
Annual Household Income				
Less than \$35,000 per Year	171	58.1	51.7	64.5
\$35,000 or Higher per Year	119	34.9	28.9	40.8
Disability				
Living with a Disability	255	69.3	62.7	75.9
Living without a Disability	68	19.4	14.5	24.2

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2652	9.9	9.5	10.4
Northeast Corner Regionalization Initiative County	307	10.1	8.7	11.4
Gender				
Men	115	9.5	7.3	11.7
Women	192	10.6	8.9	12.2
Age				
18 to 44 Years	16	2.5	0.8	4.1
45 to 64 Years	111	10.8	8.7	13.0
65 Years and Older	180	26.6	23.0	30.2
Ethnicity				
Hispanic	8	7.4	1.8	13.0
Non-Hispanic	298	10.2	8.8	11.6
Race				
White	281	10.4	8.9	11.8
African American	9	7.4	1.6	13.1
Other	10	7.8	2.5	13.1
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	135	10.7	8.7	12.7
Some College or College Graduate	172	9.7	7.9	11.5
Annual Household Income				
Less than \$35,000 per Year	113	12.5	9.9	15.0
\$35,000 or Higher per Year	158	9.5	7.6	11.3
Disability				
Living with a Disability	125	18.6	15.1	22.2
Living without a Disability	181	7.9	6.4	9.3

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5278	26.4	25.5	27.2
Northeast Corner Regionalization Initiative County	618	26.5	24.0	28.9
Gender				
Men	199	23.2	19.4	27.0
Women	419	29.4	26.2	32.6
Age				
18 to 44 Years	123	22.0	17.7	26.2
45 to 64 Years	300	31.3	27.8	34.8
65 Years and Older	195	29.7	26.0	33.5
Ethnicity				
Hispanic	21	28.4	15.2	41.6
Non-Hispanic	597	26.4	23.9	28.9
Race				
White	560	26.9	24.2	29.5
African American	24	20.2	10.8	29.7
Other	23	26.6	15.1	38.1
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	239	25.9	22.0	29.7
Some College or College Graduate	378	26.8	23.6	30.1
Annual Household Income				
Less than \$35,000 per Year	203	28.1	23.8	32.3
\$35,000 or Higher per Year	347	26.4	23.2	29.5
Disability				
Living with a Disability	184	32.1	27.1	37.2
Living without a Disability	433	25.0	22.2	27.9

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1447	8.5	7.9	9.1
Northeast Corner Regionalization Initiative County	174	8.6	6.8	10.4
Gender				
Men	46	6.8	3.9	9.8
Women	128	10.2	8.0	12.5
Age				
18 to 44 Years	53	10.8	7.3	14.3
45 to 64 Years	68	6.3	4.6	8.0
65 Years and Older	53	7.0	5.0	9.0
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	170	8.2	6.5	9.9
Race				
White	149	8.0	6.1	9.9
African American	12	8.8	2.8	14.8
Other	5	11.3	0.7	22.0
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	72	8.9	6.0	11.8
Some College or College Graduate	102	8.4	6.0	10.8
Annual Household Income				
Less than \$35,000 per Year	73	11.1	7.1	15.0
\$35,000 or Higher per Year	77	6.3	4.7	7.8
Disability				
Living with a Disability	81	15.4	10.8	20.0
Living without a Disability	91	6.9	4.9	8.9

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2267	8.5	8.1	9.0
Northeast Corner Regionalization Initiative County	288	8.8	7.6	10.0
Gender				
Men	127	9.6	7.6	11.7
Women	161	8.0	6.6	9.3
Age				
18 to 44 Years	14	2.2	0.9	3.5
45 to 64 Years	135	12.0	9.8	14.2
65 Years and Older	139	19.6	16.4	22.7
Ethnicity				
Hispanic	8	5.9	1.5	10.2
Non-Hispanic	280	8.9	7.7	10.2
Race				
White	249	8.6	7.3	9.9
African American	23	14.6	7.7	21.4
Other	12	7.4	2.8	12.0
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	131	10.4	8.2	12.5
Some College or College Graduate	156	7.7	6.3	9.1
Annual Household Income				
Less than \$35,000 per Year	128	13.1	10.4	15.8
\$35,000 or Higher per Year	126	7.2	5.8	8.7
Disability				
Living with a Disability	141	19.1	15.5	22.6
Living without a Disability	144	6.1	4.9	7.3

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4971	20.5	19.7	21.2
Northeast Corner Regionalization Initiative County	594	20.2	18.1	22.3
Gender				
Men	209	19.5	16.1	23.0
Women	385	20.8	18.3	23.2
Age				
18 to 44 Years	61	12.0	8.5	15.4
45 to 64 Years	265	22.2	19.4	25.1
65 Years and Older	268	36.6	32.8	40.4
Ethnicity				
Hispanic	13	15.9	5.2	26.5
Non-Hispanic	580	20.4	18.2	22.5
Race				
White	530	20.1	17.9	22.3
African American	29	18.9	10.5	27.3
Other	19	18.5	8.1	28.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	271	22.6	19.3	26.0
Some College or College Graduate	322	18.5	15.8	21.3
Annual Household Income				
Less than \$35,000 per Year	294	33.1	28.8	37.4
\$35,000 or Higher per Year	224	14.5	12.1	17.0

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**

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4526	18.9	18.1	19.6
Northeast Corner Regionalization Initiative County	541	18.5	16.5	20.6
Gender				
Men	188	17.4	14.1	20.8
Women	353	19.6	17.1	22.0
Age				
18 to 44 Years	54	10.9	7.5	14.3
45 to 64 Years	254	21.3	18.5	24.1
65 Years and Older	233	32.6	28.8	36.3
Ethnicity				
Hispanic	13	15.9	5.2	26.5
Non-Hispanic	527	18.7	16.6	20.7
Race				
White	481	18.5	16.3	20.6
African American	27	17.4	9.3	25.5
Other	19	18.5	8.1	28.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	246	21.1	17.9	24.4
Some College or College Graduate	294	16.9	14.2	19.5
Annual Household Income				
Less than \$35,000 per Year	268	30.6	26.5	34.8
\$35,000 or Higher per Year	205	13.2	10.8	15.6

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14770	81.4	80.6	82.1
Northeast Corner Regionalization Initiative County	1765	83.2	81.1	85.2
Gender				
Men	701	86.9	83.6	90.2
Women	1064	79.8	77.1	82.4
Age				
18 to 44 Years	437	85.2	81.5	89.0
45 to 64 Years	788	84.5	82.0	87.1
65 Years and Older	540	76.1	72.7	79.5
Ethnicity				
Hispanic	58	91.7	84.9	98.5
Non-Hispanic	1703	82.7	80.5	84.9
Race				
White	1591	83.2	81.0	85.4
African American	74	76.6	64.8	88.3
Other	66	85.7	77.2	94.2
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	768	86.7	83.8	89.5
Some College or College Graduate	994	80.8	77.9	83.7
Annual Household Income				
Less than \$35,000 per Year	592	84.7	81.5	87.9
\$35,000 or Higher per Year	968	83.5	80.7	86.2
Disability				
Living with a Disability	479	80.7	75.2	86.1
Living without a Disability	1283	83.8	81.6	86.0

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	6848	38.4	37.4	39.4
Northeast Corner Regionalization Initiative County	879	42.4	39.5	45.3
Gender				
Men	369	45.8	41.1	50.5
Women	510	39.4	35.9	42.9
Age				
18 to 44 Years	224	42.6	37.4	47.8
45 to 64 Years	435	48.1	44.3	51.9
65 Years and Older	220	33.1	29.3	36.9
Ethnicity				
Hispanic	29	41.0	25.4	56.6
Non-Hispanic	850	42.5	39.6	45.4
Race				
White	787	42.1	39.1	45.2
African American	40	50.9	36.8	65.1
Other	35	44.0	30.5	57.5
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	360	41.6	37.2	46.1
Some College or College Graduate	519	43.0	39.2	46.7
Annual Household Income				
Less than \$35,000 per Year	234	33.6	29.1	38.1
\$35,000 or Higher per Year	557	47.4	43.6	51.1
Disability				
Living with a Disability	209	39.5	34.0	45.0
Living without a Disability	669	43.2	39.8	46.5

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	12.3	11.7	12.9
Northeast Corner Regionalization Initiative County	345	11.9	10.2	13.6
Gender				
Men	142	12.4	9.6	15.2
Women	203	11.6	9.5	13.6
Age				
18 to 44 Years	35	6.4	3.7	9.2
45 to 64 Years	146	13.1	10.7	15.4
65 Years and Older	164	23.5	20.1	27.0
Ethnicity				
Hispanic	17	23.0	11.0	35.0
Non-Hispanic	328	11.4	9.7	13.1
Race				
White	296	10.5	9.1	11.9
African American	21	18.8	5.6	32.0
Other	22	26.6	15.0	38.2
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	200	17.6	14.6	20.6
Some College or College Graduate	144	8.2	6.2	10.2
Annual Household Income				
Less than \$35,000 per Year	216	26.2	22.3	30.2
\$35,000 or Higher per Year	86	5.1	3.9	6.3
Disability				
Living with a Disability	235	37.1	32.0	42.1
Living without a Disability	104	5.4	3.8	7.0

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1641	11.8	11.1	12.6
Northeast Corner Regionalization Initiative County	164	10.5	8.5	12.5
Gender				
Men	71	12.1	8.8	15.4
Women	93	9.0	6.7	11.4
Age				
18 to 44 Years	77	15.5	11.7	19.4
45 to 64 Years	78	8.9	6.6	11.2
65 Years and Older	9	1.0	0.3	1.7
Ethnicity				
Hispanic	12	14.6	6.2	22.9
Non-Hispanic	152	10.3	8.2	12.3
Race				
White	130	9.7	7.5	11.8
African American	17	22.6	10.4	34.8
Other	15	17.0	8.3	25.7
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	100	14.4	11.1	17.7
Some College or College Graduate	64	7.9	5.4	10.4
Annual Household Income				
Less than \$35,000 per Year	109	21.2	17.0	25.4
\$35,000 or Higher per Year	38	5.5	3.2	7.8
Disability				
Living with a Disability	51	12.5	8.1	17.0
Living without a Disability	111	9.8	7.5	12.0

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1912	14.6	13.8	15.5
Northeast Corner Regionalization Initiative County	214	13.0	10.8	15.1
Gender				
Men	115	17.3	13.6	20.9
Women	99	9.1	6.8	11.3
Age				
18 to 44 Years	100	18.9	14.9	22.9
45 to 64 Years	82	9.5	7.1	11.9
65 Years and Older	32	4.2	2.6	5.8
Ethnicity				
Hispanic	17	23.7	12.0	35.5
Non-Hispanic	197	12.5	10.3	14.6
Race				
White	174	11.7	9.6	13.9
African American	18	19.1	9.3	28.8
Other	15	23.0	11.9	34.1
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	115	16.8	13.1	20.4
Some College or College Graduate	99	10.5	7.9	13.1
Annual Household Income				
Less than \$35,000 per Year	96	18.5	14.5	22.5
\$35,000 or Higher per Year	88	9.0	6.7	11.3
Disability				
Living with a Disability	46	10.5	6.5	14.5
Living without a Disability	167	13.6	11.1	16.1

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1823	11.2	10.5	11.8
Northeast Corner Regionalization Initiative County	188	11.2	9.2	13.2
Gender				
Men	61	10.0	7.0	12.9
Women	127	12.3	9.5	15.1
Age				
18 to 44 Years	80	15.3	11.5	19.2
45 to 64 Years	82	9.5	7.1	11.8
65 Years and Older	26	3.9	2.3	5.5
Ethnicity				
Hispanic	10	15.2	5.1	25.3
Non-Hispanic	178	11.0	8.9	13.1
Race				
White	161	10.1	8.1	12.1
African American	14	27.9	12.3	43.5
Other	9	12.6	3.5	21.6
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	99	15.2	11.6	18.8
Some College or College Graduate	89	8.6	6.2	11.0
Annual Household Income				
Less than \$35,000 per Year	116	21.1	17.0	25.3
\$35,000 or Higher per Year	53	6.2	4.1	8.3
Disability				
Living with a Disability	80	17.1	12.6	21.6
Living without a Disability	106	9.6	7.3	11.8

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1630	8.6	8.1	9.2
Northeast Corner Regionalization Initiative County	195	9.1	7.4	10.8
Gender				
Men	57	6.9	4.5	9.3
Women	138	11.1	8.7	13.6
Age				
18 to 44 Years	57	10.9	7.7	14.2
45 to 64 Years	98	9.2	7.2	11.1
65 Years and Older	40	4.7	3.1	6.2
Ethnicity				
Hispanic	7	13.6	2.2	24.9
Non-Hispanic	188	8.9	7.2	10.6
Race				
White	168	8.3	6.6	9.9
African American	11	15.9	2.5	29.4
Other	10	17.2	5.4	29.1
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	92	11.4	8.3	14.4
Some College or College Graduate	103	7.7	5.7	9.7
Annual Household Income				
Less than \$35,000 per Year	94	14.8	11.3	18.3
\$35,000 or Higher per Year	76	6.8	4.7	8.8
Disability				
Living with a Disability	103	19.9	15.0	24.7
Living without a Disability	91	6.3	4.6	8.0

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	1037	3.7	3.4	4.0
Northeast Corner Regionalization Initiative County	98	3.0	2.3	3.6
Gender				
Men	53	3.7	2.6	4.8
Women	45	2.3	1.6	3.1
Age				
18 to 44 Years	*	*	*	*
45 to 64 Years	35	3.0	1.9	4.1
65 Years and Older	60	9.3	6.9	11.8
Ethnicity				
Hispanic	5	3.8	0.4	7.3
Non-Hispanic	93	2.9	2.3	3.6
Race				
White	87	3.0	2.3	3.7
African American	*	*	*	*
Other	7	4.1	0.8	7.4
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	49	4.0	2.7	5.2
Some College or College Graduate	49	2.4	1.6	3.1
Annual Household Income				
Less than \$35,000 per Year	58	6.8	4.8	8.7
\$35,000 or Higher per Year	28	1.5	0.9	2.0
Disability				
Living with a Disability	64	9.9	7.2	12.5
Living without a Disability	32	1.2	0.7	1.6

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7158	38.6	37.6	39.5
Northeast Corner Regionalization Initiative County	876	39.4	36.6	42.1
Gender				
Men	336	41.0	36.6	45.4
Women	540	38.0	34.5	41.4
Age				
18 to 44 Years	87	23.1	18.1	28.1
45 to 64 Years	426	46.7	42.8	50.6
65 Years and Older	363	54.3	50.2	58.4
Ethnicity				
Hispanic	14	27.3	11.9	42.6
Non-Hispanic	861	39.9	37.1	42.7
Race				
White	807	40.1	37.2	43.1
African American	31	34.1	21.5	46.6
Other	20	26.7	14.2	39.3
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	378	45.6	41.2	50.0
Some College or College Graduate	497	35.8	32.3	39.3
Annual Household Income				
Less than \$35,000 per Year	316	47.0	42.0	51.9
\$35,000 or Higher per Year	455	36.1	32.6	39.5
Disability				
Living with a Disability	292	50.8	45.2	56.4
Living without a Disability	582	36.3	33.2	39.5

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	7332	28.7	27.9	29.5
Northeast Corner Regionalization Initiative County	853	29.3	26.9	31.7
Gender				
Men	330	30.3	26.4	34.2
Women	523	28.4	25.6	31.2
Age				
18 to 44 Years	68	12.9	9.4	16.4
45 to 64 Years	370	36.5	32.9	40.1
65 Years and Older	415	57.6	53.7	61.5
Ethnicity				
Hispanic	20	31.9	17.3	46.5
Non-Hispanic	832	29.2	26.8	31.6
Race				
White	773	29.2	26.7	31.7
African American	42	33.1	19.6	46.6
Other	28	33.8	20.7	46.8
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	397	33.6	29.6	37.5
Some College or College Graduate	455	26.5	23.6	29.5
Annual Household Income				
Less than \$35,000 per Year	350	38.1	33.6	42.5
\$35,000 or Higher per Year	402	25.9	23.0	28.8
Disability				
Living with a Disability	325	47.8	42.3	53.3
Living without a Disability	524	24.7	22.1	27.3

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**

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	9542	58.9	58.0	59.9
Northeast Corner Regionalization Initiative County	1039	55.7	52.8	58.5
Gender				
Men	417	60.1	55.7	64.6
Women	622	51.6	48.0	55.2
Age				
18 to 44 Years	359	67.3	62.4	72.3
45 to 64 Years	469	53.8	50.1	57.5
65 Years and Older	211	30.6	26.9	34.3
Ethnicity				
Hispanic	41	59.5	43.2	75.8
Non-Hispanic	995	55.5	52.6	58.3
Race				
White	919	55.0	52.0	58.0
African American	52	59.6	45.3	73.9
Other	45	64.0	51.4	76.6
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	448	58.0	53.7	62.4
Some College or College Graduate	590	54.1	50.4	57.9
Annual Household Income				
Less than \$35,000 per Year	324	54.7	49.8	59.5
\$35,000 or Higher per Year	605	57.2	53.6	60.8
Disability				
Living with a Disability	218	45.5	39.8	51.3
Living without a Disability	817	58.1	54.8	61.4

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4969	23.2	22.3	24.0
Northeast Corner Regionalization Initiative County	591	24.5	22.1	26.9
Gender				
Men	212	24.5	20.6	28.4
Women	379	24.5	21.6	27.4
Age				
18 to 44 Years	107	20.6	16.5	24.8
45 to 64 Years	255	26.3	23.0	29.6
65 Years and Older	229	31.1	27.4	34.7
Ethnicity				
Hispanic	22	31.2	18.1	44.3
Non-Hispanic	568	24.2	21.7	26.6
Race				
White	518	23.4	21.0	25.9
African American	30	30.7	16.7	44.6
Other	32	37.4	25.0	49.8
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	334	34.2	30.0	38.3
Some College or College Graduate	256	18.1	15.3	20.9
Annual Household Income				
Less than \$35,000 per Year	273	35.0	30.5	39.4
\$35,000 or Higher per Year	242	19.2	16.3	22.1
Disability				
Living with a Disability	226	35.9	30.8	41.0
Living without a Disability	361	21.4	18.7	24.2

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Northeast Corner Regionalization Initiative County	1192	54.1	51.1	57.1
Gender				
Men	439	51.3	46.5	56.1
Women	753	56.6	52.9	60.2
Age				
18 to 44 Years	253	48.9	43.5	54.2
45 to 64 Years	515	57.4	53.7	61.2
65 Years and Older	424	61.2	57.2	65.3
Ethnicity				
Hispanic	30	41.0	25.9	56.2
Non-Hispanic	1160	54.7	51.7	57.7
Race				
White	1064	53.2	50.0	56.3
African American	65	63.1	49.7	76.5
Other	40	54.1	40.3	67.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	523	57.2	52.6	61.9
Some College or College Graduate	668	52.1	48.2	56.0
Annual Household Income				
Less than \$35,000 per Year	449	62.1	56.9	67.2
\$35,000 or Higher per Year	584	48.3	44.6	52.1
Disability				
Living with a Disability	400	67.0	61.0	72.9
Living without a Disability	791	50.8	47.4	54.2

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	10019	51.5	50.5	52.6
Northeast Corner Regionalization Initiative County	1192	54.1	51.1	57.1
Gender				
Men	439	51.3	46.5	56.1
Women	753	56.6	52.9	60.2
Age				
18 to 44 Years	253	48.9	43.5	54.2
45 to 64 Years	515	57.4	53.7	61.2
65 Years and Older	424	61.2	57.2	65.3
Ethnicity				
Hispanic	30	41.0	25.9	56.2
Non-Hispanic	1160	54.7	51.7	57.7
Race				
White	1064	53.2	50.0	56.3
African American	65	63.1	49.7	76.5
Other	40	54.1	40.3	67.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	523	57.2	52.6	61.9
Some College or College Graduate	668	52.1	48.2	56.0
Annual Household Income				
Less than \$35,000 per Year	449	62.1	56.9	67.2
\$35,000 or Higher per Year	584	48.3	44.6	52.1
Disability				
Living with a Disability	400	67.0	61.0	72.9
Living without a Disability	791	50.8	47.4	54.2

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	14428	72.5	71.5	73.5
Northeast Corner Regionalization Initiative County	1724	75.1	72.2	78.0
Gender				
Men	627	72.3	67.6	77.0
Women	1097	77.6	74.2	81.0
Age				
18 to 44 Years	350	65.7	60.4	71.0
45 to 64 Years	770	82.1	79.3	84.9
65 Years and Older	604	86.4	83.6	89.2
Ethnicity				
Hispanic	47	63.0	45.5	80.4
Non-Hispanic	1675	75.7	72.8	78.6
Race				
White	1549	74.8	71.8	77.9
African American	81	77.7	65.3	90.1
Other	59	71.7	58.5	84.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	754	80.2	75.9	84.4
Some College or College Graduate	969	71.8	68.0	75.6
Annual Household Income				
Less than \$35,000 per Year	626	83.4	78.6	88.3
\$35,000 or Higher per Year	872	69.2	65.4	73.0
Disability				
Living with a Disability	529	85.3	79.7	90.9
Living without a Disability	1191	72.4	69.1	75.7

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**

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	4400	26.4	25.5	27.4
Northeast Corner Regionalization Initiative County	548	28.8	26.1	31.6
Gender				
Men	191	27.9	23.4	32.3
Women	357	29.7	26.3	33.1
Age				
18 to 44 Years	191	36.6	31.6	41.7
45 to 64 Years	251	25.2	22.0	28.4
65 Years and Older	106	15.3	12.4	18.2
Ethnicity				
Hispanic	17	26.5	12.9	40.1
Non-Hispanic	529	28.9	26.1	31.7
Race				
White	489	29.0	26.0	31.9
African American	24	22.4	12.1	32.7
Other	20	28.9	16.0	41.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	208	27.4	23.2	31.6
Some College or College Graduate	340	29.8	26.1	33.4
Annual Household Income				
Less than \$35,000 per Year	194	29.5	25.0	33.9
\$35,000 or Higher per Year	294	28.8	25.3	32.4
Disability				
Living with a Disability	209	43.3	37.5	49.1
Living without a Disability	337	25.2	22.1	28.3

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Northeast Corner Regionalization Initiative County	359	18.6	16.2	21.0
Gender				
Men	146	19.3	15.6	23.1
Women	213	18.0	14.9	21.1
Age				
18 to 44 Years	104	21.7	17.2	26.1
45 to 64 Years	198	20.5	17.5	23.5
65 Years and Older	57	8.2	5.9	10.5
Ethnicity				
Hispanic	12	21.4	8.7	34.0
Non-Hispanic	345	18.5	16.0	20.9
Race				
White	320	18.3	15.8	20.8
African American	18	24.9	10.6	39.1
Other	12	17.6	6.0	29.1
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	188	26.7	22.4	30.9
Some College or College Graduate	171	13.3	10.6	16.1
Annual Household Income				
Less than \$35,000 per Year	156	25.1	20.7	29.4
\$35,000 or Higher per Year	168	15.8	12.8	18.7
Disability				
Living with a Disability	116	21.9	17.0	26.8
Living without a Disability	239	17.8	15.0	20.5

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	788	5.9	5.3	6.4
Northeast Corner Regionalization Initiative County	84	5.3	3.9	6.6
Gender				
Men	72	10.3	7.6	13.0
Women	12	0.7	0.2	1.1
Age				
18 to 44 Years	29	5.9	3.6	8.2
45 to 64 Years	37	5.7	3.6	7.9
65 Years and Older	18	2.9	1.5	4.3
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	82	5.4	4.0	6.8
Race				
White	80	5.7	4.2	7.2
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	45	7.8	5.2	10.5
Some College or College Graduate	39	3.6	2.3	4.9
Annual Household Income				
Less than \$35,000 per Year	18	3.3	1.6	5.1
\$35,000 or Higher per Year	59	6.3	4.4	8.2
Disability				
Living with a Disability	22	5.8	3.0	8.5
Living without a Disability	62	5.2	3.6	6.7

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**

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	2568	12.1	11.5	12.7
Northeast Corner Regionalization Initiative County	313	11.6	10.1	13.1
Gender				
Men	295	23.1	20.0	26.2
Women	18	1.2	0.5	1.8
Age				
18 to 44 Years	22	4.0	2.2	5.7
45 to 64 Years	137	13.8	11.3	16.4
65 Years and Older	154	26.7	22.9	30.4
Ethnicity				
Hispanic	7	9.7	1.1	18.3
Non-Hispanic	305	11.7	10.2	13.2
Race				
White	282	11.7	10.1	13.2
African American	15	14.7	6.4	23.1
Other	8	8.5	1.1	16.0
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	144	13.2	10.7	15.7
Some College or College Graduate	169	10.6	8.8	12.5
Annual Household Income				
Less than \$35,000 per Year	110	15.7	12.4	18.9
\$35,000 or Higher per Year	178	10.8	9.0	12.7
Disability				
Living with a Disability	105	18.1	14.3	21.9
Living without a Disability	203	9.8	8.2	11.3

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	5453	28.8	27.9	29.7
Northeast Corner Regionalization Initiative County	664	31.2	28.6	33.9
Gender				
Men	270	32.4	28.2	36.6
Women	394	30.1	26.8	33.4
Age				
18 to 44 Years	159	29.1	24.5	33.7
45 to 64 Years	330	37.1	33.3	40.9
65 Years and Older	175	27.4	23.7	31.1
Ethnicity				
Hispanic	24	41.8	25.9	57.7
Non-Hispanic	640	30.7	28.1	33.4
Race				
White	586	30.2	27.4	32.9
African American	34	40.7	25.5	55.9
Other	33	46.2	32.4	59.9
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	270	30.7	26.6	34.8
Some College or College Graduate	393	31.6	28.1	35.1
Annual Household Income				
Less than \$35,000 per Year	235	37.0	32.1	41.9
\$35,000 or Higher per Year	375	30.7	27.4	34.1
Disability				
Living with a Disability	245	45.4	39.7	51.1
Living without a Disability	414	27.7	24.7	30.7

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

Northeast Corner Regionalization Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	11952	64.6	63.6	65.6
Northeast Corner Regionalization Initiative County	1395	66.3	63.4	69.2
Gender				
Men	606	72.3	67.9	76.8
Women	789	60.5	56.7	64.2
Age				
18 to 44 Years	326	63.5	58.2	68.8
45 to 64 Years	654	73.0	69.5	76.5
65 Years and Older	415	62.8	58.9	66.7
Ethnicity				
Hispanic	44	66.8	49.8	83.7
Non-Hispanic	1349	66.3	63.3	69.2
Race				
White	1253	66.3	63.2	69.3
African American	64	70.7	57.0	84.3
Other	54	69.2	56.8	81.6
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	585	68.5	64.0	72.9
Some College or College Graduate	809	65.1	61.2	68.9
Annual Household Income				
Less than \$35,000 per Year	455	66.7	61.8	71.7
\$35,000 or Higher per Year	798	68.0	64.4	71.6
Disability				
Living with a Disability	419	76.4	71.8	81.1
Living without a Disability	966	63.7	60.3	67.2

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

Denominator: All respondents, excluding unknowns and refusals.

* Insufficient Sample