

BRFSS

Behavioral Risk Factor Surveillance System



2009 Data Report



Missouri Department of Health and Senior Services

ACKNOWLEDGMENTS

2009 Behavioral Risk Factor Surveillance System Data Report

Special Thanks

Special thanks to more than 5,000 Missouri adults whose telephone numbers were randomly selected for participation in the 2009 Behavioral Risk Factor Surveillance System interview. This valuable information would not be available without their willingness to participate.

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The U.S. Centers for Disease Control and Prevention (CDC) Behavioral Surveillance Division supports state BRFSS programs by providing funding and technical support.

Suggested Citation: Pashi A, Wilson JS, Yun S. *2009 Missouri Behavioral Risk Factor Surveillance System Data Report*. Jefferson City, MO: Missouri Department of Health and Senior Services. Office of Epidemiology. November 2009.

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INTRODUCTION

ABOUT THIS REPORT

This report presents data from the 2009 Missouri Behavioral Risk Factor Surveillance System (BRFSS). Since its creation by the U.S. Centers for Disease Control and Prevention (CDC) in 1984, the BRFSS has been conducted annually in all 50 states. The BRFSS data is used to estimate the prevalence of chronic disease risk factors, conditions, and preventive practices, as well as to provide information about other pertinent issues.

The information collected from the annual BRFSS is used to monitor health trends and to evaluate public health programs and policies. More information about BRFSS and state data may be found at <http://www.cdc.gov/brfss> or on the Missouri BRFSS website at <http://www.dhss.mo.gov/BRFSS>

This report presents weighted prevalence estimates and 95% confidence intervals calculated for each topic using SAS statistical software. Crude and age-adjusted prevalence estimates and confidence intervals were produced for the selected indicators and cross-tabulated by socio-demographic factors of gender, race, age, income, and education. The definition of each indicator including the questions asked of respondents is provided at the bottom of the data tables.

DEFINITIONS OF KEY TERMS

Prevalence: The proportion (usually a percentage) of a population that has a defined risk factor, disease, or condition at a particular point in time. **Crude prevalence** is prevalence without age adjustment.

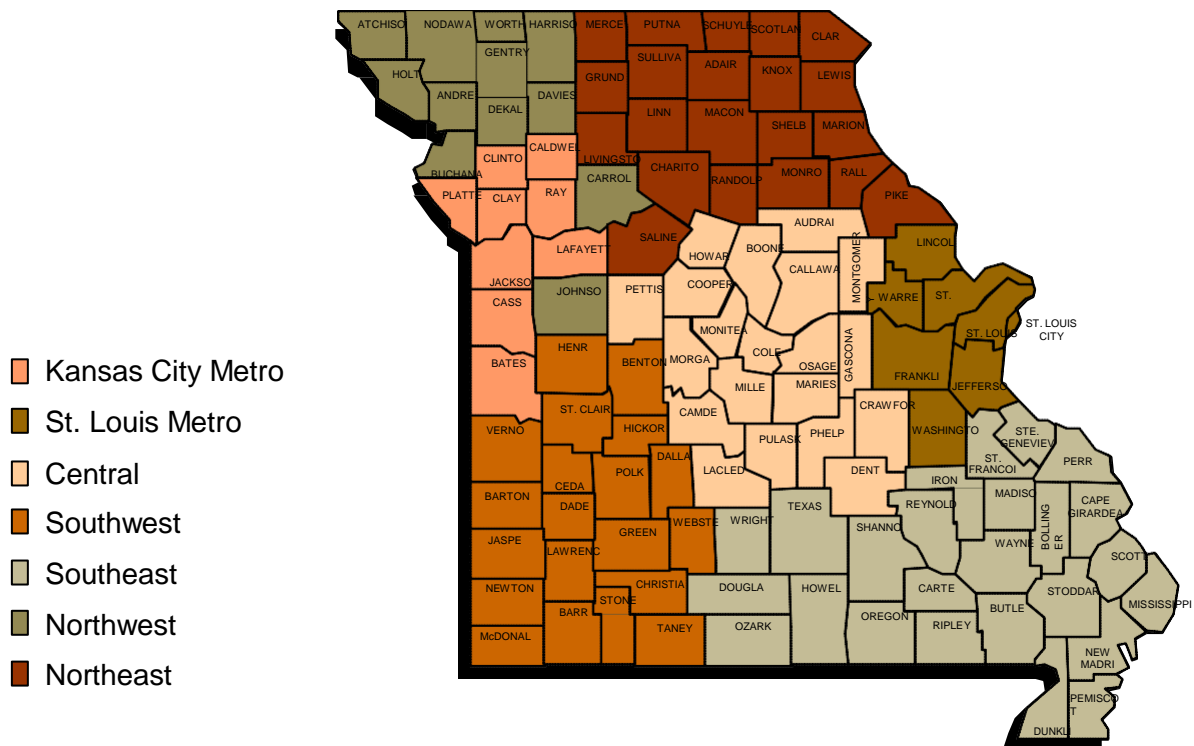
Age adjustment: A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

95% Confidence Intervals (CI): The range of values for which there is 95% confidence that the true value falls within the range, which is reported as lower confidence interval (LCI) and upper confidence interval (UCI).

REGIONAL DATA FOR MISSOURI

Missouri is comprised of 114 counties and the City of St. Louis. The sample size from each county, on an annual basis, is too small to make conclusive estimates by county. Therefore, the counties and St. Louis are clustered into the following seven geographical BRFSS regions to examine sub-state level results: Kansas City Metro, St. Louis Metro, Central, Southwest, Southeast, Northwest, and Northeast.

Map of Missouri's BRFSS Regions



DEMOGRAPHICS OF MISSOURI BRFS RESPONDENTS

Distribution of demographic and economic characteristics of Missouri adult respondents, BRFS 2009

Characteristic	UNWEIGHTED SAMPLE SIZE NUMBER	WEIGHTED PERCENT ¹ %
OVERALL	5057	100
GENDER		
MALE	1924	48.1
FEMALE	3133	51.9
AGE GROUP		
18-24	162	10.6
25-34	448	19.4
35-44	652	17.5
45-54	1022	19.2
55-64	1073	14.7
65 AND OLDER	1668	18.5
RACE/ETHNICITY		
WHITE	4272	84.3
AFRICAN AMERICAN	441	8.3
OTHER	98	2.4
HISPANIC	207	5.0
EDUCATION		
LESS THAN HIGH SCHOOL	536	9.9
HIGH SCHOOL	1770	32.6
SOME POST HIGH SCHOOL	1350	27.7
COLLEGE GRADUATE	1392	29.8
MARITAL STATUS		
NEVER MARRIED	548	16.7
MARRIED	2756	62.4
DIVORCED, WIDOWED, SEPARATED	1634	17.3
UNMARRIED COUPLE	105	3.6
HOUSEHOLD INCOME		
<\$15,000	553	9.3
\$15-24,999	854	16.7
\$25-34,999	599	11.5
\$35,000-49,999	747	18.6
\$50,000-74,999	694	18.1
\$75,000 and over	905	25.8
EMPLOYMENT		
EMPLOYED	2474	57.6
OUT OF WORK	258	6.5
UNABLE TO WORK	423	6.7
HOMEMAKER	355	7.0
STUDENT	83	4.8
RETIRED	1499	17.4

¹ Percents may not add to 100 due to rounding.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Overall Health Measures Chapter 1 - General Health Status Table 1.1 Poor general health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	4.6	3.8	5.5	4.3	3.5	5.1
REGION							
Central	565	4.5	2.8	6.2	4.6	2.9	6.4
Kansas City Metro	954	5.0	3.4	6.6	4.7	3.2	6.2
Northeast	587	5.2	3.6	6.8	4.5	3.1	5.9
Northwest	605	4.5	2.9	6.2	4.8	2.9	6.7
Southeast	555	6.5	4.6	8.4	5.6	4.0	7.2
Southwest	555	4.4	2.7	6.2	4.1	2.5	5.7
St. Louis Metro	1,226	4.0	2.0	5.9	3.7	1.8	5.7
GENDER							
Female	3,128	4.9	4.0	5.9	4.5	3.5	5.4
Male	1,919	4.3	2.9	5.7	4.1	2.7	5.4
RACE							
African-American	438	3.2	1.7	4.6	3.0	1.6	4.4
Other	305	6.9	2.9	10.8	7.2	3.4	11.1
White	4,266	4.6	3.6	5.5	4.2	3.3	5.0
EDUCATION							
< High School	534	12.6	8.8	16.3	13.2	8.4	18.0
High School	1,765	5.9	4.5	7.3	5.2	3.8	6.5
High School +	2,740	2.5	1.4	3.5	2.3	1.4	3.2
INCOME							
<\$15,000	550	14.7	10.9	18.6	15.1	11.3	19.0
\$15,000-24,999	853	8.0	5.5	10.5	7.8	5.0	10.7
\$25,000-34,999	599	4.6	2.6	6.7	3.9	2.2	5.6
\$35,000-49,999	745	5.0	1.5	8.5	4.3	1.8	6.7
\$50,000-74,999	694	1.2	0.3	2.1	1.1	0.3	1.8
\$75,000+	903	1.0	0.0	2.0	0.8	0.1	1.5

Definition: "Poor" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 1 - General Health Status

Table 1.2 Poor or fair general health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	16.1	14.7	17.6	15.4	13.9	16.9
REGION							
Central	565	16.4	12.8	19.9	16.2	12.8	19.5
Kansas City Metro	954	13.6	11.1	16.1	12.6	10.3	14.9
Northeast	587	19.1	15.4	22.8	17.1	14.0	20.3
Northwest	605	18.4	14.5	22.2	18.0	14.4	21.7
Southeast	555	23.1	18.9	27.2	22.4	18.1	26.7
Southwest	555	17.2	13.5	20.9	16.7	12.8	20.6
St. Louis Metro	1,226	14.5	11.4	17.6	13.9	10.7	17.0
GENDER							
Female	3,128	16.4	14.7	18.1	15.0	13.4	16.6
Male	1,919	15.9	13.4	18.3	15.6	13.2	18.1
RACE							
African-American	438	24.1	18.5	29.6	23.3	18.3	28.4
Other	305	23.1	16.7	29.6	24.4	18.0	30.7
White	4,266	14.7	13.1	16.2	13.9	12.3	15.5
EDUCATION							
< High School	534	38.0	31.2	44.9	39.6	32.6	46.7
High School	1,765	20.4	17.7	23.0	18.7	16.0	21.3
High School +	2,740	9.9	8.3	11.5	9.8	8.3	11.3
INCOME							
<\$15,000	550	42.0	35.0	48.9	43.6	37.6	49.7
\$15,000-24,999	853	29.8	25.0	34.5	29.4	24.3	34.5
\$25,000-34,999	599	17.4	13.4	21.5	15.3	11.6	19.0
\$35,000-49,999	745	15.5	10.5	20.4	15.5	9.8	21.1
\$50,000-74,999	694	8.7	6.1	11.4	8.5	6.0	10.9
\$75,000+	903	3.3	2.0	4.7	3.4	2.1	4.8

Definition: "Poor or Fair" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 1 - General Health Status

Table 1.3 Fair general health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	11.5	10.3	12.7	11.1	9.9	12.4
REGION							
Central	565	11.9	8.7	15.0	11.6	8.6	14.6
Kansas City Metro	954	8.6	6.5	10.6	7.9	6.1	9.8
Northeast	587	13.9	10.5	17.2	12.6	9.6	15.6
Northwest	605	13.9	10.4	17.4	13.2	10.0	16.5
Southeast	555	16.6	12.7	20.4	16.8	12.7	21.0
Southwest	555	12.8	9.4	16.2	12.6	8.9	16.3
St. Louis Metro	1,226	10.5	8.0	13.0	10.1	7.6	12.7
GENDER							
Female	3,128	11.4	10.0	12.8	10.6	9.2	12.0
Male	1,919	11.6	9.5	13.7	11.6	9.5	13.7
RACE							
African-American	438	20.9	15.5	26.3	20.3	15.4	25.3
Other	305	16.3	10.8	21.7	17.1	11.5	22.7
White	4,266	10.1	8.8	11.4	9.8	8.4	11.1
EDUCATION							
< High School	534	25.5	19.1	31.9	26.4	20.1	32.8
High School	1,765	14.5	12.1	16.8	13.5	11.1	15.9
High School +	2,740	7.5	6.3	8.7	7.5	6.3	8.7
INCOME							
<\$15,000	550	27.2	21.2	33.2	28.5	22.8	34.2
\$15,000-24,999	853	21.7	17.5	26.0	21.6	16.9	26.2
\$25,000-34,999	599	12.8	9.2	16.4	11.4	8.0	14.9
\$35,000-49,999	745	10.5	6.5	14.5	11.2	6.1	16.4
\$50,000-74,999	694	7.6	5.1	10.1	7.4	5.1	9.8
\$75,000+	903	2.3	1.4	3.3	2.6	1.5	3.8

Definition: "Fair" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 1 - General Health Status

Table 1.4 Good general health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	29.2	27.3	31.1	28.9	26.9	30.9
REGION							
Central	565	29.7	24.2	35.2	29.5	24.2	34.8
Kansas City Metro	954	30.1	26.4	33.8	29.7	25.7	33.7
Northeast	587	32.9	26.9	38.9	32.6	27.2	38.0
Northwest	605	35.3	29.7	40.9	34.5	28.7	40.4
Southeast	555	30.7	25.9	35.5	29.7	24.6	34.8
Southwest	555	28.6	23.7	33.6	27.9	22.7	33.1
St. Louis Metro	1,226	27.1	23.4	30.9	27.3	23.4	31.1
GENDER							
Female	3,128	29.8	27.4	32.2	29.6	27.0	32.3
Male	1,919	28.5	25.5	31.5	28.2	25.3	31.2
RACE							
African-American	438	37.1	30.4	43.7	37.9	30.9	44.8
Other	305	22.9	15.4	30.5	22.5	16.1	28.9
White	4,266	28.9	26.8	31.0	28.5	26.3	30.6
EDUCATION							
< High School	534	34.3	27.5	41.1	34.2	27.2	41.2
High School	1,765	33.6	30.2	37.0	33.4	29.5	37.2
High School +	2,740	25.7	23.3	28.1	25.7	23.2	28.2
INCOME							
<\$15,000	550	25.5	19.5	31.5	25.8	19.8	31.8
\$15,000-24,999	853	37.6	32.4	42.8	38.0	32.3	43.7
\$25,000-34,999	599	38.3	32.4	44.1	38.4	31.6	45.2
\$35,000-49,999	745	26.6	21.9	31.4	25.7	21.5	29.9
\$50,000-74,999	694	23.1	18.7	27.5	23.4	18.9	27.9
\$75,000+	903	24.4	20.5	28.2	24.8	19.7	29.8

Definition: "Good" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 1 - General Health Status

Table 1.5 Very good general health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	37.0	34.9	39.2	37.6	35.4	39.9
REGION							
Central	565	33.4	28.0	38.8	33.3	28.0	38.5
Kansas City Metro	954	36.4	32.3	40.5	37.3	33.0	41.7
Northeast	587	32.1	27.1	37.2	33.3	28.1	38.6
Northwest	605	29.6	24.0	35.3	31.7	25.9	37.5
Southeast	555	31.9	26.6	37.1	32.8	27.3	38.3
Southwest	555	36.2	30.9	41.4	36.4	30.6	42.2
St. Louis Metro	1,226	41.7	37.3	46.1	42.2	37.6	46.8
GENDER							
Female	3,128	36.1	33.4	38.7	36.9	34.0	39.7
Male	1,919	38.0	34.6	41.4	38.4	35.0	41.8
RACE							
African-American	438	22.8	16.7	28.8	21.9	16.3	27.6
Other	305	38.7	30.4	47.0	37.9	30.0	45.7
White	4,266	38.4	36.0	40.7	39.2	36.7	41.6
EDUCATION							
< High School	534	19.7	13.6	25.9	18.1	12.7	23.6
High School	1,765	31.9	28.3	35.5	32.5	28.5	36.5
High School +	2,740	43.0	40.1	45.8	43.5	40.6	46.5
INCOME							
<\$15,000	550	20.9	13.4	28.5	19.4	13.6	25.1
\$15,000-24,999	853	24.2	19.0	29.4	24.4	19.5	29.3
\$25,000-34,999	599	26.7	21.7	31.7	25.8	20.4	31.1
\$35,000-49,999	745	42.5	36.7	48.4	43.9	37.6	50.3
\$50,000-74,999	694	46.1	40.6	51.5	45.4	39.7	51.1
\$75,000+	903	46.9	42.4	51.4	47.0	41.2	52.9

Definition: "Very Good" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 1 - General Health Status

Table 1.6 Excellent General Health

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,047	17.7	16.1	19.3	18.1	16.4	19.8
REGION							
Central	565	20.5	15.8	25.3	21.1	16.4	25.8
Kansas City Metro	954	19.9	16.6	23.2	20.4	16.9	23.8
Northeast	587	15.9	11.9	19.9	16.9	12.7	21.2
Northwest	605	16.7	12.3	21.2	15.8	11.6	20.0
Southeast	555	14.4	10.6	18.2	15.1	10.9	19.2
Southwest	555	18.0	13.6	22.4	19.0	14.1	24.0
St. Louis Metro	1,226	16.7	13.5	19.8	16.7	13.4	20.0
GENDER							
Female	3,128	17.8	15.8	19.8	18.5	16.2	20.7
Male	1,919	17.6	15.0	20.2	17.8	15.2	20.4
RACE							
African-American	438	16.1	10.3	21.9	16.9	11.1	22.7
Other	305	15.3	9.7	20.8	15.3	9.8	20.8
White	4,266	18.1	16.3	19.9	18.5	16.6	20.4
EDUCATION							
< High School	534	7.9	4.2	11.7	8.0	4.5	11.6
High School	1,765	14.2	11.5	16.8	15.5	12.4	18.6
High School +	2,740	21.4	19.1	23.7	20.9	18.6	23.2
INCOME							
<\$15,000	550	11.6	6.0	17.2	11.3	6.2	16.3
\$15,000-24,999	853	8.5	5.8	11.1	8.2	5.4	11.0
\$25,000-34,999	599	17.6	12.5	22.8	20.5	14.3	26.6
\$35,000-49,999	745	15.4	11.8	19.0	14.9	11.4	18.4
\$50,000-74,999	694	22.2	17.5	26.8	22.8	17.9	27.7
\$75,000+	903	25.4	21.5	29.3	24.8	19.9	29.7

Definition: "Excellent" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.1.1 No poor physical health in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,996	65.5	63.4	67.5	65.5	63.3	67.7
REGION							
Central	558	69.2	64.1	74.2	68.8	63.9	73.7
Kansas City Metro	947	65.7	61.8	69.6	65.8	61.6	70.0
Northeast	579	67.6	62.5	72.7	68.7	63.6	73.9
Northwest	599	63.6	58.0	69.1	65.5	60.6	70.3
Southeast	551	63.8	58.7	68.9	64.1	58.5	69.6
Southwest	550	61.7	56.4	67.1	61.4	55.6	67.2
St. Louis Metro	1,212	66.2	61.9	70.4	66.1	61.6	70.6
GENDER							
Female	3,087	63.7	61.1	66.2	64.2	61.5	66.9
Male	1,909	67.4	64.1	70.7	67.2	63.9	70.6
RACE							
African-American	433	67.9	61.8	74.1	67.9	61.4	74.4
Other	298	56.7	48.3	65.1	56.2	48.2	64.2
White	4,230	66.0	63.8	68.3	66.2	63.7	68.6
EDUCATION							
< High School	520	59.7	52.7	66.8	59.0	51.9	66.1
High School	1,740	65.5	62.0	68.9	65.7	61.8	69.6
High School +	2,728	66.5	63.7	69.2	66.6	63.8	69.5
INCOME							
<\$15,000	538	48.6	41.1	56.2	47.6	40.5	54.8
\$15,000-24,999	844	51.2	45.7	56.6	49.9	44.2	55.6
\$25,000-34,999	591	64.3	58.4	70.2	63.3	56.8	69.8
\$35,000-49,999	739	67.3	61.6	72.9	66.4	60.1	72.7
\$50,000-74,999	692	72.4	67.6	77.2	72.6	67.8	77.4
\$75,000+	904	72.3	68.2	76.3	73.2	68.5	77.8

Definition: "0" response to the question "Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.1.2 Frequent poor physical health: 14 or more of past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,996	12.0	10.7	13.3	11.5	10.2	12.8
REGION							
Central	558	10.2	7.6	12.7	10.4	7.9	12.8
Kansas City Metro	947	11.1	8.6	13.5	10.6	8.0	13.3
Northeast	579	13.7	10.0	17.5	12.7	9.0	16.4
Northwest	599	11.3	8.5	14.1	11.5	8.6	14.4
Southeast	551	17.6	13.9	21.3	16.9	13.0	20.8
Southwest	550	13.0	9.9	16.1	12.5	9.5	15.5
St. Louis Metro	1,212	11.1	8.2	13.9	10.5	7.7	13.4
GENDER							
Female	3,087	12.7	11.2	14.3	11.8	10.3	13.3
Male	1,909	11.2	9.0	13.4	11.0	8.9	13.2
RACE							
African-American	433	11.9	8.5	15.3	12.1	8.6	15.5
Other	298	17.6	11.4	23.8	18.5	12.5	24.5
White	4,230	11.5	10.1	13.0	10.8	9.4	12.3
EDUCATION							
< High School	520	21.0	16.3	25.8	23.0	17.5	28.6
High School	1,740	15.3	12.8	17.8	14.1	11.4	16.8
High School +	2,728	8.6	7.0	10.2	8.6	7.0	10.2
INCOME							
<\$15,000	538	26.2	20.8	31.6	27.6	22.5	32.7
\$15,000-24,999	844	19.0	14.8	23.2	18.3	13.9	22.7
\$25,000-34,999	591	12.3	8.3	16.4	11.7	7.0	16.5
\$35,000-49,999	739	11.8	7.7	15.8	11.6	8.0	15.2
\$50,000-74,999	692	8.1	5.0	11.3	7.8	5.1	10.4
\$75,000+	904	4.1	2.5	5.6	4.0	2.5	5.4

Definition: "14 or greater" response to the question "Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.2.1 No poor mental health in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,000	64.1	62.0	66.3	63.4	61.2	65.6
REGION							
Central	558	64.2	58.4	70.1	64.4	58.9	69.9
Kansas City Metro	949	60.9	56.7	65.1	60.0	55.7	64.4
Northeast	578	67.8	62.8	72.8	65.7	60.3	71.1
Northwest	597	64.1	58.3	69.8	61.8	55.4	68.2
Southeast	554	64.5	59.3	69.6	63.1	57.5	68.7
Southwest	551	63.3	57.8	68.7	62.7	56.9	68.4
St. Louis Metro	1,213	65.7	61.5	70.0	65.2	60.8	69.6
GENDER							
Female	3,093	58.0	55.3	60.6	56.6	53.7	59.5
Male	1,907	70.8	67.5	74.0	70.6	67.4	73.8
RACE							
African-American	438	64.1	57.6	70.6	64.5	58.1	71.0
Other	301	55.0	46.5	63.5	56.5	48.5	64.4
White	4,223	64.9	62.6	67.2	63.9	61.4	66.3
EDUCATION							
< High School	524	61.8	54.6	69.0	58.4	51.2	65.6
High School	1,749	67.1	63.6	70.5	65.9	62.0	69.8
High School +	2,718	62.9	60.0	65.8	62.8	60.0	65.6
INCOME							
<\$15,000	541	45.2	37.8	52.6	43.8	36.7	50.8
\$15,000-24,999	844	56.3	50.8	61.8	53.9	48.1	59.7
\$25,000-34,999	595	69.3	63.6	75.0	65.7	59.4	72.0
\$35,000-49,999	743	62.9	57.0	68.7	63.3	56.9	69.7
\$50,000-74,999	688	68.5	63.3	73.7	68.5	63.1	73.8
\$75,000+	903	68.5	64.2	72.7	66.8	61.3	72.3

Definition: "0" response to the question "Now thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.2.2 Frequent poor mental health: 14 or more of past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	5,000	12.0	10.6	13.3	11.9	10.5	13.3
REGION							
Central	558	12.4	8.2	16.6	12.5	8.4	16.5
Kansas City Metro	949	13.0	10.3	15.7	12.6	10.0	15.3
Northeast	578	11.5	7.9	15.2	12.3	8.1	16.5
Northwest	597	13.6	9.7	17.5	14.8	10.4	19.1
Southeast	554	16.0	12.1	19.9	16.6	12.3	20.9
Southwest	551	12.2	8.4	15.9	12.0	8.1	15.9
St. Louis Metro	1,213	9.9	7.4	12.5	9.8	7.2	12.4
GENDER							
Female	3,093	14.0	12.2	15.8	14.2	12.2	16.2
Male	1,907	9.7	7.7	11.8	9.5	7.5	11.5
RACE							
African-American	438	13.4	9.4	17.4	13.4	9.5	17.3
Other	301	18.8	11.9	25.8	18.9	12.6	25.3
White	4,223	11.1	9.7	12.6	11.0	9.6	12.5
EDUCATION							
< High School	524	18.5	13.3	23.6	21.1	15.6	26.6
High School	1,749	14.3	11.8	16.8	14.4	11.6	17.2
High School +	2,718	9.5	7.8	11.1	8.9	7.4	10.5
INCOME							
<\$15,000	541	27.7	21.8	33.7	29.6	23.9	35.3
\$15,000-24,999	844	20.5	15.8	25.2	21.7	16.8	26.6
\$25,000-34,999	595	8.7	6.0	11.5	9.7	6.5	12.9
\$35,000-49,999	743	12.8	8.6	17.0	12.3	8.8	15.9
\$50,000-74,999	688	7.5	4.7	10.3	7.2	4.1	10.2
\$75,000+	903	6.2	4.2	8.3	5.8	3.8	7.8

Definition: "14 or greater" response to the question "Now thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.3.1 Not kept from usual activities due to poor physical or mental health during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	2,608	58.3	55.3	61.2	58.5	55.6	61.4
REGION							
Central	280	50.8	42.4	59.2	51.2	43.3	59.0
Kansas City Metro	520	58.5	52.9	64.1	59.1	53.9	64.3
Northeast	288	60.4	53.3	67.6	61.6	54.2	68.9
Northwest	313	60.9	53.4	68.5	60.6	54.3	66.8
Southeast	299	60.0	53.0	67.0	60.1	53.4	66.9
Southwest	274	55.7	48.0	63.5	56.9	49.5	64.3
St. Louis Metro	634	60.6	54.6	66.5	61.0	55.4	66.6
GENDER							
Female	1,759	58.6	55.1	62.1	59.2	55.6	62.8
Male	849	57.9	52.8	62.9	57.7	53.0	62.4
RACE							
African-American	231	59.1	50.3	68.0	58.1	49.4	66.8
Other	171	53.3	42.3	64.4	52.9	43.1	62.7
White	2,188	58.9	55.6	62.1	59.3	56.1	62.5
EDUCATION							
< High School	313	50.3	40.8	59.8	47.3	39.1	55.4
High School	908	60.3	55.4	65.2	61.8	56.7	67.0
High School +	1,384	58.6	54.6	62.6	58.0	54.1	61.8
INCOME							
<\$15,000	387	43.5	35.0	52.0	42.7	34.5	50.9
\$15,000-24,999	509	45.2	38.1	52.4	45.3	38.8	51.9
\$25,000-34,999	303	54.0	45.5	62.6	55.6	47.2	64.0
\$35,000-49,999	367	66.3	59.2	73.4	66.8	60.4	73.2
\$50,000-74,999	311	67.4	59.9	74.8	65.9	58.3	73.6
\$75,000+	403	67.2	61.0	73.4	67.1	60.0	74.1

Definition: "0" response to the question "During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 2 Healthy Days: Health-related Quality of Life

Table 2.3.2 Kept from usual activities due to poor physical or mental health 14 or more of the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	2,608	15.4	13.4	17.4	15.3	13.4	17.3
REGION							
Central	280	20.8	13.6	28.0	20.7	14.2	27.2
Kansas City Metro	520	13.4	9.7	17.0	13.0	9.6	16.3
Northeast	288	18.8	13.5	24.1	17.4	12.2	22.6
Northwest	313	12.6	8.4	16.8	13.9	9.6	18.3
Southeast	299	24.4	18.7	30.1	23.7	18.3	29.2
Southwest	274	13.4	9.1	17.7	14.3	10.1	18.5
St. Louis Metro	634	13.3	9.3	17.2	13.2	9.5	16.9
GENDER							
Female	1,759	15.3	12.9	17.7	15.0	12.5	17.4
Male	849	15.5	12.1	18.8	15.9	12.8	19.0
RACE							
African-American	231	18.2	11.8	24.6	18.5	12.3	24.6
Other	171	22.3	13.1	31.6	23.0	15.0	31.1
White	2,188	14.3	12.2	16.4	14.0	12.0	16.0
EDUCATION							
< High School	313	29.0	21.0	37.0	28.4	20.7	36.0
High School	908	19.9	15.7	24.1	18.6	14.3	22.9
High School +	1,384	10.4	8.4	12.4	11.2	9.3	13.2
INCOME							
<\$15,000	387	31.4	24.6	38.2	32.1	26.2	37.9
\$15,000-24,999	509	25.8	19.0	32.5	25.3	19.4	31.1
\$25,000-34,999	303	15.5	10.2	20.8	13.8	9.3	18.4
\$35,000-49,999	367	11.2	7.0	15.3	11.5	7.3	15.6
\$50,000-74,999	311	8.9	4.5	13.3	9.8	4.8	14.9
\$75,000+	403	5.5	2.6	8.3	6.1	2.7	9.4

Definition: "14 or greater" response to the question "During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 3 Disability

Table 3.1 Limited in activities because of physical, mental or emotional problems

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,980	22.1	20.4	23.8	21.1	19.4	22.8
REGION							
Central	558	22.8	18.4	27.1	22.7	18.5	26.9
Kansas City Metro	939	20.3	17.3	23.3	19.1	16.1	22.2
Northeast	581	21.6	17.8	25.4	20.2	16.3	24.1
Northwest	596	23.0	18.9	27.2	22.7	18.9	26.6
Southeast	555	23.8	19.6	27.9	22.6	18.3	26.8
Southwest	551	25.7	21.3	30.1	23.7	19.8	27.6
St. Louis Metro	1,200	20.8	17.3	24.4	20.0	16.4	23.6
GENDER							
Female	3,092	23.4	21.3	25.4	21.7	19.7	23.7
Male	1,888	20.7	18.0	23.5	20.3	17.6	23.1
RACE							
African-American	430	23.5	17.9	29.1	22.6	17.4	27.8
Other	299	25.6	18.9	32.3	26.1	19.7	32.6
White	4,213	21.5	19.7	23.4	20.4	18.5	22.3
EDUCATION							
< High School	522	34.2	27.9	40.5	37.2	30.4	44.0
High School	1,742	23.7	20.8	26.7	22.3	19.1	25.5
High School +	2,709	19.0	16.8	21.2	18.8	16.6	21.0
INCOME							
<\$15,000	545	47.6	40.2	55.1	49.3	42.1	56.4
\$15,000-24,999	837	38.4	33.1	43.7	37.6	32.0	43.2
\$25,000-34,999	593	22.8	18.1	27.6	21.2	16.1	26.2
\$35,000-49,999	739	17.7	13.5	22.0	16.7	13.3	20.2
\$50,000-74,999	690	15.5	11.5	19.4	14.8	11.5	18.2
\$75,000+	894	10.2	7.9	12.6	10.0	7.7	12.4

Definition: "Yes" response to the question "Are you limited in any way in any activities because of physical, mental or emotional problems?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 3 Disability

Table 3.2 Has health problem that requires use of special equipment
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,991	8.1	7.2	9.1	7.6	6.7	8.5
REGION							
Central	561	8.2	5.6	10.9	8.2	5.5	10.9
Kansas City Metro	939	9.0	6.8	11.2	8.2	6.2	10.2
Northeast	583	8.7	6.4	11.1	7.8	5.6	10.1
Northwest	596	7.2	5.2	9.1	7.0	5.1	9.0
Southeast	556	12.5	9.2	15.8	12.0	8.4	15.7
Southwest	552	7.5	5.4	9.6	6.9	5.0	8.8
St. Louis Metro	1,204	6.8	5.0	8.5	6.2	4.7	7.7
GENDER							
Female	3,095	8.1	7.0	9.1	7.2	6.2	8.1
Male	1,896	8.2	6.6	9.8	7.9	6.4	9.5
RACE							
African-American	432	12.5	8.3	16.7	12.0	8.1	15.8
Other	299	8.9	5.3	12.6	9.7	5.8	13.6
White	4,223	7.6	6.6	8.5	7.0	6.0	7.9
EDUCATION							
< High School	526	14.2	10.4	18.0	14.2	9.7	18.7
High School	1,747	8.6	6.9	10.3	7.5	6.0	9.1
High School +	2,711	6.7	5.5	7.9	6.8	5.7	7.9
INCOME							
<\$15,000	546	16.8	12.8	20.8	16.7	12.8	20.5
\$15,000-24,999	839	14.3	11.1	17.5	12.9	9.7	16.1
\$25,000-34,999	594	9.3	6.2	12.4	7.2	4.7	9.8
\$35,000-49,999	740	5.5	3.5	7.5	5.9	3.6	8.2
\$50,000-74,999	692	3.3	1.8	4.8	3.5	1.9	5.1
\$75,000+	893	5.0	2.9	7.2	5.0	2.9	7.2

Definition: "Yes" response to the question "Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed or a special telephone? Include occasional use or use in certain circumstances."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.1.1 No health care coverage

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,049	13.7	12.0	15.3	14.1	12.4	15.9
REGION							
Central	565	14.4	9.9	19.0	13.9	9.8	18.1
Kansas City Metro	955	11.1	8.3	13.9	11.6	8.5	14.7
Northeast	588	20.3	14.3	26.3	21.3	15.8	26.9
Northwest	605	11.6	7.5	15.6	12.1	7.3	17.0
Southeast	556	12.9	8.7	17.1	14.0	9.4	18.7
Southwest	556	17.5	12.6	22.3	19.4	14.3	24.5
St. Louis Metro	1,224	12.8	9.5	16.2	13.2	9.7	16.7
GENDER							
Female	3,130	11.0	9.1	12.9	11.6	9.5	13.7
Male	1,919	16.5	13.7	19.3	16.6	13.8	19.4
RACE							
African-American	440	21.5	15.7	27.3	21.4	15.6	27.2
Other	305	22.1	14.8	29.3	20.9	14.0	27.7
White	4,265	12.2	10.4	14.0	12.8	10.9	14.8
EDUCATION							
< High School	535	22.8	16.6	29.0	27.2	20.4	34.0
High School	1,764	18.9	15.6	22.1	21.5	17.8	25.2
High School +	2,741	9.1	7.2	11.1	8.8	6.8	10.9
INCOME							
<\$15,000	550	28.0	21.4	34.5	30.1	23.8	36.4
\$15,000-24,999	853	30.0	24.6	35.4	34.5	28.7	40.3
\$25,000-34,999	599	18.4	13.1	23.8	22.4	16.3	28.6
\$35,000-49,999	747	11.5	6.3	16.7	11.3	5.9	16.7
\$50,000-74,999	694	7.1	3.8	10.4	8.2	4.4	12.0
\$75,000+	904	2.0	0.9	3.1	1.7	0.7	2.7

Definition: "No" response to the question "Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs or government plans such as Medicare?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.1.2 No health care coverage: Age 18-64

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,352	16.4	14.4	18.4	13.9	12.1	15.6
REGION							
Central	371	17.4	11.9	22.9	13.9	9.7	18.0
Kansas City Metro	649	13.5	10.1	16.9	11.5	8.4	14.5
Northeast	406	25.1	17.8	32.5	20.8	15.3	26.3
Northwest	390	14.1	9.1	19.0	12.0	7.1	16.8
Southeast	352	16.1	10.8	21.4	13.9	9.2	18.5
Southwest	338	21.3	15.4	27.1	19.1	13.9	24.2
St. Louis Metro	846	15.0	11.0	19.0	12.8	9.3	16.3
GENDER							
Female	2,016	13.4	11.1	15.8	11.3	9.2	13.4
Male	1,336	19.5	16.1	22.8	16.4	13.6	19.2
RACE							
African-American	318	25.5	18.6	32.4	21.3	15.5	27.1
Other	209	24.5	16.0	32.9	19.4	12.6	26.1
White	2,803	14.8	12.6	17.0	12.7	10.7	14.6
EDUCATION							
< High School	260	31.8	22.9	40.7	26.5	19.7	33.3
High School	1,071	24.2	20.1	28.3	21.3	17.7	25.0
High School +	2,018	10.4	8.1	12.6	8.6	6.6	10.6
INCOME							
<\$15,000	325	34.9	26.6	43.2	29.8	23.5	36.1
\$15,000-24,999	449	40.2	33.1	47.2	34.0	28.2	39.8
\$25,000-34,999	353	25.1	17.9	32.4	22.1	15.9	28.2
\$35,000-49,999	524	13.6	7.4	19.7	11.1	5.7	16.6
\$50,000-74,999	573	7.9	4.2	11.6	8.2	4.4	12.0
\$75,000+	782	2.2	1.0	3.4	1.7	0.7	2.7

Definition: Among respondents age 18-64: "No" response to the question "Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs or government plans such as Medicare?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.2.1 Think of one person as personal doctor or health care provider

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,052	77.1	75.1	79.1	76.5	74.4	78.6
REGION							
Central	565	77.0	71.9	82.0	77.4	72.6	82.2
Kansas City Metro	956	79.5	75.9	83.2	78.4	74.5	82.4
Northeast	589	77.3	71.3	83.2	76.4	71.0	81.9
Northwest	605	81.1	76.3	85.9	81.8	77.3	86.2
Southeast	557	77.3	72.4	82.2	76.7	71.7	81.7
Southwest	556	71.5	66.0	76.9	69.9	64.3	75.4
St. Louis Metro	1,224	77.6	73.5	81.6	77.1	72.9	81.3
GENDER							
Female	3,129	83.1	81.0	85.2	82.6	80.3	84.8
Male	1,923	70.6	67.2	73.9	70.4	67.2	73.7
RACE							
African-American	441	74.2	68.0	80.4	74.2	67.9	80.4
Other	305	68.0	59.8	76.2	68.7	61.2	76.2
White	4,268	78.2	76.0	80.3	77.5	75.2	79.8
EDUCATION							
< High School	535	68.7	61.4	76.1	66.7	59.4	73.9
High School	1,768	74.9	71.5	78.4	72.9	69.0	76.7
High School +	2,740	79.7	77.2	82.3	80.1	77.5	82.6
INCOME							
<\$15,000	552	71.3	64.2	78.4	70.4	63.6	77.3
\$15,000-24,999	854	67.2	61.7	72.6	64.7	58.9	70.5
\$25,000-34,999	599	73.9	67.7	80.0	70.5	63.8	77.3
\$35,000-49,999	746	77.9	72.1	83.7	79.2	73.3	85.0
\$50,000-74,999	694	79.5	74.9	84.2	77.7	73.1	82.3
\$75,000+	905	84.4	80.7	88.0	85.5	82.0	89.1

Definition: "Yes, only one" response to "Do you have one person you think of as your personal doctor or health care provider?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.2.2 Think of no one person as personal doctor or health care provider

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,052	18.1	16.3	20.0	18.7	16.8	20.6
REGION							
Central	565	18.7	13.9	23.4	18.3	13.8	22.8
Kansas City Metro	956	17.3	13.8	20.9	18.4	14.6	22.3
Northeast	589	17.5	11.7	23.4	18.2	12.7	23.7
Northwest	605	14.2	9.7	18.8	13.7	9.5	18.0
Southeast	557	17.4	12.8	22.1	18.5	13.7	23.3
Southwest	556	25.6	20.2	31.1	27.4	21.9	32.8
St. Louis Metro	1,224	15.9	12.4	19.5	16.5	12.8	20.1
GENDER							
Female	3,129	12.6	10.7	14.4	13.2	11.2	15.3
Male	1,923	24.1	21.0	27.3	24.3	21.2	27.4
RACE							
African-American	441	22.7	16.6	28.8	22.8	16.7	29.0
Other	305	25.0	17.3	32.8	24.1	17.1	31.1
White	4,268	17.1	15.1	19.0	17.8	15.7	19.9
EDUCATION							
< High School	535	22.3	16.0	28.6	26.2	19.3	33.1
High School	1,768	19.8	16.7	23.0	22.2	18.6	25.7
High School +	2,740	16.5	14.0	19.0	16.1	13.6	18.5
INCOME							
<\$15,000	552	24.9	17.7	32.0	25.8	18.9	32.7
\$15,000-24,999	854	26.1	21.1	31.0	28.9	23.5	34.3
\$25,000-34,999	599	22.3	16.2	28.4	26.0	19.3	32.8
\$35,000-49,999	746	18.1	12.8	23.4	15.6	11.7	19.6
\$50,000-74,999	694	16.7	12.3	21.0	18.3	13.8	22.9
\$75,000+	905	10.8	7.7	13.9	10.0	6.9	13.1

Definition: "No" response to "Do you have one person you think of as your personal doctor or health care provider?" AND "No person" response to "Is there more than one, or is there no person who you think of as your personal doctor or health care provider?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.3 Needed to see a doctor in past 12 months but could not due to cost
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,048	14.0	12.5	15.5	14.0	12.5	15.6
REGION							
Central	565	13.6	9.3	18.0	13.6	9.4	17.8
Kansas City Metro	953	11.6	9.0	14.2	11.7	9.0	14.3
Northeast	587	14.9	11.0	18.8	15.4	11.3	19.5
Northwest	606	13.9	10.0	17.7	13.9	10.2	17.6
Southeast	558	15.9	11.6	20.1	16.8	12.2	21.4
Southwest	555	18.4	13.9	22.9	17.7	13.4	21.9
St. Louis Metro	1,224	12.8	10.0	15.7	13.0	10.1	16.0
GENDER							
Female	3,127	15.8	13.9	17.8	16.2	14.1	18.3
Male	1,921	11.9	9.7	14.2	11.9	9.6	14.2
RACE							
African-American	441	21.3	16.1	26.5	20.9	15.8	25.9
Other	304	24.7	17.0	32.4	24.4	17.2	31.6
White	4,265	12.3	10.7	13.8	12.4	10.8	14.0
EDUCATION							
< High School	532	26.5	20.4	32.5	33.9	27.2	40.6
High School	1,768	15.1	12.5	17.7	16.2	13.2	19.2
High School +	2,739	11.1	9.2	13.0	10.4	8.7	12.1
INCOME							
<\$15,000	551	33.8	27.0	40.5	36.8	30.6	43.0
\$15,000-24,999	852	32.4	27.1	37.6	37.0	31.3	42.7
\$25,000-34,999	598	17.7	12.8	22.5	20.9	15.3	26.5
\$35,000-49,999	746	11.8	7.7	15.9	11.0	7.6	14.4
\$50,000-74,999	694	7.0	4.3	9.6	6.1	3.8	8.4
\$75,000+	905	2.5	1.1	3.8	2.1	0.8	3.4

Definition: "Yes" response to the question "Was there a time in the past 12 months when you needed to see a doctor but could not because of cost?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.4.1 Had routine checkup by doctor within past year

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,991	63.9	61.7	66.0	62.9	60.6	65.2
REGION							
Central	554	65.0	59.2	70.8	64.4	58.7	70.1
Kansas City Metro	945	64.8	60.8	68.9	63.3	58.8	67.8
Northeast	577	59.9	53.9	65.9	58.1	52.0	64.2
Northwest	594	62.4	56.5	68.3	63.0	57.0	69.1
Southeast	553	66.7	61.5	71.9	64.9	59.2	70.6
Southwest	549	61.2	55.8	66.6	60.6	54.8	66.4
St. Louis Metro	1,219	64.0	59.5	68.4	63.2	58.8	67.7
GENDER							
Female	3,096	69.3	66.8	71.8	68.2	65.4	70.9
Male	1,895	57.9	54.4	61.4	57.5	54.0	61.0
RACE							
African-American	435	79.0	73.1	85.0	78.6	72.5	84.8
Other	303	57.7	49.2	66.1	57.4	49.4	65.4
White	4,215	62.9	60.6	65.3	61.8	59.3	64.3
EDUCATION							
< High School	527	62.6	55.4	69.8	55.1	48.1	62.1
High School	1,750	64.7	61.1	68.3	62.6	58.5	66.7
High School +	2,706	63.6	60.6	66.5	64.0	61.0	67.0
INCOME							
<\$15,000	542	62.6	54.9	70.2	60.9	54.0	67.8
\$15,000-24,999	843	58.1	52.6	63.7	55.0	49.1	60.9
\$25,000-34,999	594	67.2	61.3	73.0	63.0	56.5	69.5
\$35,000-49,999	741	61.3	55.4	67.2	63.3	57.8	68.8
\$50,000-74,999	687	57.4	51.7	63.1	58.1	52.7	63.6
\$75,000+	897	69.2	64.9	73.5	72.9	69.0	76.9

Definition: "Within past year (anytime less than 12 months ago)" response to the question "About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.4.2 Had routine checkup by doctor more than 1 year ago but less than 2 years
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,991	13.2	11.6	14.8	13.4	11.7	15.1
REGION							
Central	554	13.5	8.6	18.5	14.0	9.2	18.7
Kansas City Metro	945	14.3	11.3	17.3	14.6	11.3	17.8
Northeast	577	9.2	6.1	12.3	9.2	6.1	12.2
Northwest	594	11.1	7.3	14.8	11.4	7.6	15.2
Southeast	553	11.0	7.8	14.3	11.7	8.0	15.4
Southwest	549	12.4	8.5	16.2	11.8	8.2	15.5
St. Louis Metro	1,219	14.0	10.7	17.4	14.1	10.7	17.6
GENDER							
Female	3,096	14.2	12.1	16.3	14.8	12.5	17.1
Male	1,895	12.0	9.6	14.5	12.1	9.6	14.6
RACE							
African-American	435	6.7	3.3	10.1	6.6	3.4	9.9
Other	303	20.3	12.9	27.6	20.5	13.5	27.6
White	4,215	13.2	11.5	15.0	13.5	11.6	15.4
EDUCATION							
< High School	527	13.2	7.5	18.9	12.9	7.9	17.8
High School	1,750	11.5	9.1	13.8	11.5	9.0	14.0
High School +	2,706	14.1	11.9	16.4	14.1	11.8	16.4
INCOME							
<\$15,000	542	12.3	6.6	18.0	12.6	7.2	17.9
\$15,000-24,999	843	14.1	9.3	18.8	14.5	9.9	19.1
\$25,000-34,999	594	11.5	7.7	15.4	12.3	7.8	16.8
\$35,000-49,999	741	15.7	11.1	20.4	15.6	10.9	20.4
\$50,000-74,999	687	13.9	9.8	18.0	13.5	9.3	17.7
\$75,000+	897	13.7	10.5	16.9	12.6	9.4	15.8

Definition: "Within past two years (1 year but less than 2 years ago)" response to the question "About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for aspecific injury, illness or condition."

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Chapter 4 Health Care Access

Table 4.4.3 Had routine checkup more than 2 years ago but less than 5 years

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,991	11.0	9.4	12.6	11.3	9.7	13.0
REGION							
Central	554	9.5	6.1	12.8	9.7	6.2	13.1
Kansas City Metro	945	10.2	7.3	13.1	11.0	7.5	14.4
Northeast	577	8.4	5.5	11.3	8.9	5.6	12.2
Northwest	594	11.1	6.7	15.5	10.3	6.5	14.0
Southeast	553	8.0	4.7	11.3	8.4	4.8	12.1
Southwest	549	12.2	8.5	15.9	12.4	8.3	16.4
St. Louis Metro	1,219	12.6	9.1	16.0	13.0	9.4	16.6
GENDER							
Female	3,096	7.6	6.2	8.9	7.8	6.3	9.2
Male	1,895	14.8	11.9	17.7	15.0	12.1	17.9
RACE							
African-American	435	7.7	3.3	12.1	7.9	3.2	12.6
Other	303	9.5	4.9	14.0	9.1	4.5	13.7
White	4,215	11.5	9.7	13.3	12.0	10.1	13.9
EDUCATION							
< High School	527	8.0	4.8	11.2	10.6	6.6	14.6
High School	1,750	9.4	6.9	11.9	10.1	7.2	13.0
High School +	2,706	12.5	10.2	14.7	12.2	9.9	14.5
INCOME							
<\$15,000	542	11.7	5.6	17.8	12.0	6.5	17.4
\$15,000-24,999	843	12.3	8.6	16.0	12.8	8.9	16.8
\$25,000-34,999	594	5.8	3.5	8.0	6.4	3.5	9.3
\$35,000-49,999	741	10.4	6.1	14.7	9.3	5.7	12.9
\$50,000-74,999	687	15.9	10.8	20.9	14.9	10.3	19.5
\$75,000+	897	10.4	7.4	13.5	8.8	6.2	11.5

Definition: "Within past 5 years (2 years but less than 5 years ago)" response to the question "About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition."

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Chapter 4 Health Care Access

Table 4.4.4 Had routine checkup 5 or more years ago

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,991	9.3	8.0	10.5	9.6	8.2	11.0
REGION							
Central	554	9.8	6.0	13.6	9.6	5.8	13.3
Kansas City Metro	945	7.8	5.7	10.0	8.4	5.9	10.8
Northeast	577	17.2	11.3	23.2	18.2	12.2	24.2
Northwest	594	12.9	9.1	16.8	12.4	8.8	15.9
Southeast	553	12.8	8.9	16.6	13.6	9.3	17.9
Southwest	549	8.9	5.6	12.2	9.3	5.6	13.0
St. Louis Metro	1,219	7.7	5.3	10.1	7.9	5.4	10.4
GENDER							
Female	3,096	6.9	5.7	8.2	7.2	5.8	8.5
Male	1,895	11.9	9.6	14.1	12.1	9.7	14.5
RACE							
African-American	435	5.9	2.7	9.2	6.2	2.6	9.8
Other	303	8.6	3.6	13.5	9.0	3.9	14.1
White	4,215	9.6	8.2	11.0	10.0	8.4	11.5
EDUCATION							
< High School	527	11.4	6.6	16.1	14.5	8.3	20.7
High School	1,750	10.7	8.4	12.9	11.5	8.9	14.2
High School +	2,706	8.1	6.5	9.7	8.0	6.3	9.7
INCOME							
<\$15,000	542	10.5	6.0	15.0	11.4	6.5	16.4
\$15,000-24,999	843	12.5	9.0	15.9	14.3	10.2	18.5
\$25,000-34,999	594	10.7	6.6	14.7	12.3	7.6	17.1
\$35,000-49,999	741	9.1	6.3	12.0	8.4	5.9	10.9
\$50,000-74,999	687	11.2	7.3	15.0	11.7	7.5	15.9
\$75,000+	897	5.5	3.3	7.8	4.6	2.7	6.5

Definition: "5 or more years ago" response to the question "About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 4 Health Care Access

Table 4.4.5 Never had a routine checkup by a doctor

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,991	2.7	2.0	3.4	2.8	2.1	3.5
REGION							
Central	554	2.2	0.9	3.6	2.4	0.9	4.0
Kansas City Metro	945	2.8	1.6	4.1	2.8	1.6	4.1
Northeast	577	5.3	2.8	7.8	5.7	3.0	8.3
Northwest	594	2.5	0.1	4.9	3.0	-0.5	6.4
Southeast	553	1.5	0.2	2.8	1.4	0.2	2.7
Southwest	549	5.3	2.6	8.0	5.9	2.8	9.0
St. Louis Metro	1,219	1.7	0.7	2.8	1.7	0.6	2.8
GENDER							
Female	3,096	2.1	1.4	2.8	2.1	1.4	2.9
Male	1,895	3.4	2.2	4.6	3.4	2.3	4.6
RACE							
African-American	435	0.6	-0.2	1.4	0.6	-0.1	1.4
Other	303	4.1	1.0	7.2	4.0	1.2	6.8
White	4,215	2.7	2.0	3.5	2.8	2.0	3.6
EDUCATION							
< High School	527	4.8	1.5	8.1	6.9	2.5	11.3
High School	1,750	3.8	2.4	5.2	4.3	2.6	5.9
High School +	2,706	1.7	1.1	2.4	1.7	1.1	2.3
INCOME							
<\$15,000	542	2.9	1.3	4.6	3.2	1.3	5.1
\$15,000-24,999	843	3.0	1.6	4.5	3.3	1.6	5.0
\$25,000-34,999	594	4.9	1.4	8.4	6.0	1.9	10.1
\$35,000-49,999	741	3.5	1.3	5.7	3.4	1.4	5.3
\$50,000-74,999	687	1.7	0.4	3.1	1.8	0.1	3.5
\$75,000+	897	1.2	0.5	1.9	1.0	0.4	1.7

Definition: "Never" response to the question "About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Health Risks and Preventive Practices

Chapter 5 - Sleep

Table 5.1 Did not get enough rest or sleep on 0 of the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,001	28.5	26.8	30.3	27.5	25.7	29.2
REGION							
Central	558	30.2	25.3	35.2	29.6	25.0	34.1
Kansas City Metro	944	28.9	25.5	32.4	27.8	24.7	30.9
Northeast	578	35.5	29.8	41.3	32.9	27.0	38.7
Northwest	599	27.4	23.0	31.8	26.5	22.4	30.6
Southeast	550	31.3	26.5	36.1	29.0	24.1	33.9
Southwest	552	26.0	21.8	30.2	24.5	20.3	28.6
St. Louis Metro	1,220	27.4	23.8	31.0	26.6	23.1	30.1
GENDER							
Female	3,098	26.5	24.3	28.6	24.8	22.6	27.1
Male	1,903	30.8	27.9	33.7	30.6	27.9	33.3
RACE							
African-American	434	31.8	25.0	38.6	33.2	26.6	39.7
Other	300	27.3	20.3	34.3	29.8	23.0	36.6
White	4,230	28.3	26.4	30.2	26.8	25.0	28.6
EDUCATION							
< High School	523	35.6	29.2	42.0	30.6	24.8	36.5
High School	1,743	35.4	31.9	38.8	33.1	29.4	36.8
High School +	2,726	23.4	21.3	25.5	24.0	22.1	26.0
INCOME							
<\$15,000	539	28.5	22.1	35.0	27.6	21.7	33.6
\$15,000-24,999	846	32.4	27.7	37.1	29.3	24.3	34.3
\$25,000-34,999	594	35.4	30.0	40.9	30.5	25.3	35.7
\$35,000-49,999	742	29.8	24.8	34.7	29.1	24.5	33.6
\$50,000-74,999	690	19.2	15.6	22.7	20.3	16.5	24.0
\$75,000+	900	23.8	20.3	27.3	24.1	20.9	27.3

Definition: "0" response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 5 - Sleep

Table 5.2 Did not get enough rest or sleep on 1-6 days of the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,001	28.8	26.8	30.8	29.2	27.0	31.3
REGION							
Central	558	31.6	25.9	37.2	31.2	25.9	36.6
Kansas City Metro	944	29.4	25.6	33.2	29.7	25.6	33.8
Northeast	578	23.8	19.3	28.3	24.6	19.9	29.3
Northwest	599	25.7	20.7	30.7	25.7	20.1	31.3
Southeast	550	22.7	18.1	27.4	23.0	18.0	28.0
Southwest	552	27.5	22.7	32.4	27.5	22.4	32.6
St. Louis Metro	1,220	30.7	26.5	34.9	31.1	26.7	35.5
GENDER							
Female	3,098	28.3	25.8	30.7	28.7	25.9	31.4
Male	1,903	29.3	26.1	32.6	29.5	26.2	32.8
RACE							
African-American	434	25.3	19.2	31.4	24.7	19.0	30.4
Other	300	18.0	12.1	23.9	18.0	12.5	23.5
White	4,230	30.2	27.9	32.4	30.6	28.2	33.0
EDUCATION							
< High School	523	17.0	11.6	22.5	17.0	11.6	22.3
High School	1,743	24.9	21.6	28.1	25.4	21.7	29.1
High School +	2,726	33.0	30.3	35.8	33.1	30.2	36.0
INCOME							
<\$15,000	539	18.8	13.5	24.1	19.4	14.3	24.5
\$15,000-24,999	846	18.5	14.4	22.6	19.2	14.5	23.9
\$25,000-34,999	594	23.8	18.7	28.9	24.5	18.5	30.5
\$35,000-49,999	742	28.3	22.8	33.7	30.0	23.8	36.2
\$50,000-74,999	690	35.5	30.1	40.9	35.8	30.4	41.3
\$75,000+	900	36.4	32.0	40.7	37.9	32.3	43.5

Definition: "1, 2, 3, 4, 5, or 6?" response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 5 - Sleep

Table 5.3 Did not get enough rest or sleep on 7-13 days of the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,001	13.1	11.5	14.6	13.4	11.8	15.0
REGION							
Central	558	13.0	9.2	16.8	13.4	9.6	17.2
Kansas City Metro	944	12.4	9.6	15.2	12.7	9.7	15.7
Northeast	578	10.7	7.2	14.2	11.0	7.3	14.7
Northwest	599	12.7	7.9	17.6	15.1	10.2	20.0
Southeast	550	13.1	9.4	16.8	13.9	9.7	18.0
Southwest	552	13.8	9.5	18.0	15.4	10.6	20.3
St. Louis Metro	1,220	13.4	10.4	16.4	13.6	10.5	16.8
GENDER							
Female	3,098	13.3	11.5	15.2	13.9	11.9	15.9
Male	1,903	12.8	10.4	15.2	12.9	10.5	15.4
RACE							
African-American	434	12.1	7.5	16.7	11.9	7.5	16.3
Other	300	15.7	9.5	21.8	15.5	9.4	21.6
White	4,230	13.0	11.3	14.6	13.5	11.7	15.3
EDUCATION							
< High School	523	7.6	3.5	11.7	8.7	4.1	13.4
High School	1,743	12.3	9.9	14.7	12.8	10.3	15.4
High School +	2,726	14.4	12.3	16.5	14.4	12.2	16.7
INCOME							
<\$15,000	539	11.1	5.0	17.3	11.1	5.8	16.4
\$15,000-24,999	846	12.5	9.0	15.9	13.4	9.5	17.4
\$25,000-34,999	594	9.9	6.6	13.2	10.5	6.8	14.3
\$35,000-49,999	742	11.4	7.8	15.0	11.3	7.7	14.9
\$50,000-74,999	690	16.6	12.4	20.8	16.9	12.4	21.4
\$75,000+	900	16.4	12.9	19.8	15.5	11.4	19.5

Definition: "7, 8, 9, 10, 11, 12, or 13" response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 5 - Sleep

Table 5.4 Did not get enough rest or sleep on 14 or more of the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,001	29.6	27.6	31.7	29.9	27.8	32.1
REGION							
Central	558	25.3	20.0	30.6	25.8	20.6	31.0
Kansas City Metro	944	29.3	25.2	33.3	29.8	25.6	34.0
Northeast	578	30.0	24.8	35.3	31.6	25.9	37.2
Northwest	599	34.2	28.3	40.1	32.7	27.7	37.6
Southeast	550	32.9	27.9	38.0	34.2	28.8	39.6
Southwest	552	32.7	27.5	37.9	32.7	27.0	38.3
St. Louis Metro	1,220	28.5	24.4	32.7	28.7	24.4	33.0
GENDER							
Female	3,098	32.0	29.4	34.5	32.6	29.9	35.4
Male	1,903	27.1	23.9	30.4	27.0	23.8	30.3
RACE							
African-American	434	30.8	24.5	37.2	30.2	23.8	36.7
Other	300	39.0	30.5	47.6	36.7	29.3	44.0
White	4,230	28.6	26.4	30.8	29.1	26.7	31.5
EDUCATION							
< High School	523	39.7	32.3	47.1	43.7	36.3	51.1
High School	1,743	27.5	24.0	30.9	28.7	24.8	32.5
High School +	2,726	29.1	26.4	31.8	28.5	25.7	31.2
INCOME							
<\$15,000	539	41.5	34.1	49.0	41.9	34.8	49.0
\$15,000-24,999	846	36.7	31.1	42.4	38.2	32.7	43.6
\$25,000-34,999	594	30.9	24.8	36.9	34.5	27.6	41.3
\$35,000-49,999	742	30.6	25.0	36.2	29.6	23.3	35.8
\$50,000-74,999	690	28.8	23.8	33.7	27.0	22.7	31.3
\$75,000+	900	23.5	19.6	27.5	22.6	17.6	27.5

Definition: "14" response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.1 No leisure time physical activity in past month

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,057	26.7	24.8	28.5	26.0	24.2	27.9
REGION							
Central	565	27.9	23.0	32.8	27.8	23.1	32.4
Kansas City Metro	956	25.2	21.6	28.7	24.3	20.7	27.8
Northeast	589	28.5	22.9	34.1	28.0	21.9	34.1
Northwest	606	30.8	25.4	36.2	30.7	24.6	36.8
Southeast	558	29.8	25.2	34.4	28.7	23.9	33.4
Southwest	556	28.0	23.1	33.0	27.8	22.4	33.1
St. Louis Metro	1,227	25.1	21.4	28.8	24.3	20.6	28.1
GENDER							
Female	3,133	28.9	26.6	31.2	27.6	25.2	29.9
Male	1,924	24.3	21.4	27.3	24.2	21.3	27.2
RACE							
African-American	441	40.1	33.0	47.1	40.0	32.7	47.3
Other	305	27.6	20.4	34.9	27.3	20.5	34.1
White	4,272	25.3	23.3	27.3	24.4	22.4	26.4
EDUCATION							
< High School	536	42.4	35.6	49.1	44.5	38.0	51.0
High School	1,770	32.0	28.7	35.3	31.4	27.6	35.1
High School +	2,742	20.9	18.6	23.3	20.7	18.5	23.0
INCOME							
<\$15,000	553	40.5	33.5	47.6	40.8	34.0	47.5
\$15,000-24,999	854	40.4	35.0	45.8	39.3	33.5	45.1
\$25,000-34,999	599	31.0	25.4	36.5	29.8	23.6	36.0
\$35,000-49,999	747	27.0	21.8	32.2	25.5	21.1	29.8
\$50,000-74,999	694	20.1	16.0	24.3	20.6	16.7	24.6
\$75,000+	905	13.9	10.8	17.0	13.9	10.8	17.0

Definition: "No" response to the question "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.2.1 Mostly sit or stand while at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,313	63.1	60.2	66.0	62.8	59.6	65.9
REGION							
Central	266	58.6	51.0	66.2	61.1	53.0	69.1
Kansas City Metro	448	65.0	59.4	70.6	62.6	56.4	68.7
Northeast	293	47.3	40.2	54.3	47.1	39.1	55.1
Northwest	292	63.1	55.4	70.8	65.0	57.3	72.8
Southeast	226	47.4	39.4	55.4	49.5	41.4	57.5
Southwest	225	60.2	52.3	68.0	56.4	48.5	64.4
St. Louis Metro	563	70.9	65.0	76.8	71.4	64.7	78.1
GENDER							
Female	1,314	70.6	67.1	74.1	69.1	64.9	73.2
Male	999	56.4	51.9	60.8	57.1	52.5	61.8
RACE							
African-American	176	57.1	46.8	67.5	57.9	48.8	66.9
Other	126	67.8	56.7	78.9	72.2	62.7	81.6
White	1,991	63.3	60.1	66.5	63.1	59.7	66.5
EDUCATION							
< High School	115	26.2	15.7	36.7	30.5	19.6	41.4
High School	703	51.3	45.6	57.0	51.2	45.2	57.2
High School +	1,493	71.1	67.7	74.5	70.6	66.6	74.5
INCOME							
<\$15,000	78	50.5	33.6	67.4	49.5	33.9	65.1
\$15,000-24,999	254	36.0	27.3	44.7	39.0	31.5	46.4
\$25,000-34,999	266	59.7	50.7	68.6	61.2	52.5	69.9
\$35,000-49,999	404	58.2	50.5	65.8	63.1	56.1	70.1
\$50,000-74,999	482	62.2	56.0	68.4	60.0	52.6	67.4
\$75,000+	648	79.2	75.2	83.2	69.8	66.1	73.4

Definition: "Employed for wages" or "Self-employed" response to the question "Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired"? AND "Mostly sitting or standing" to "When you are at work, which of the following best describes what you do?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.2.2 Mostly walk while at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,313	21.3	18.9	23.8	22.1	19.3	24.9
REGION							
Central	266	25.7	18.8	32.5	26.1	18.7	33.5
Kansas City Metro	448	20.9	16.3	25.6	24.2	18.4	29.9
Northeast	293	28.1	21.5	34.6	26.9	19.7	34.2
Northwest	292	22.2	16.0	28.5	23.8	16.9	30.6
Southeast	226	26.4	19.5	33.3	23.3	17.3	29.3
Southwest	225	19.9	14.0	25.8	22.0	15.1	29.0
St. Louis Metro	563	18.4	13.4	23.4	19.1	13.1	25.0
GENDER							
Female	1,314	23.3	20.1	26.5	25.7	21.8	29.7
Male	999	19.6	16.0	23.2	19.1	15.2	23.1
RACE							
African-American	176	30.7	20.8	40.6	30.3	20.0	40.6
Other	126	20.6	10.9	30.3	19.2	10.6	27.7
White	1,991	20.7	18.1	23.3	21.4	18.5	24.4
EDUCATION							
< High School	115	34.0	22.2	45.8	35.6	24.0	47.2
High School	703	21.9	17.6	26.2	21.8	17.2	26.5
High School +	1,493	20.1	17.1	23.2	21.0	17.3	24.8
INCOME							
<\$15,000	78	28.5	13.5	43.5	29.3	16.3	42.2
\$15,000-24,999	254	34.7	25.0	44.4	33.7	24.8	42.7
\$25,000-34,999	266	22.8	15.8	29.8	21.4	15.1	27.7
\$35,000-49,999	404	19.3	13.4	25.2	18.8	13.1	24.5
\$50,000-74,999	482	21.7	16.7	26.6	25.7	18.9	32.5
\$75,000+	648	15.5	11.9	19.1	20.8	13.1	28.6

Definition: "Employed for wages" or "Self-employed" response to the question "Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired"? AND "Mostly walking" to "When you are at work, which of the following best describes what you do?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.2.3 Mostly do heavy labor or physically demanding work while at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,313	15.6	13.3	17.9	15.1	12.7	17.6
REGION							
Central	266	15.8	10.0	21.5	12.8	8.3	17.3
Kansas City Metro	448	14.1	9.7	18.5	13.3	8.2	18.4
Northeast	293	24.7	18.5	30.8	26.0	18.6	33.3
Northwest	292	14.7	8.6	20.8	11.2	6.7	15.7
Southeast	226	26.2	18.2	34.3	27.2	19.6	34.8
Southwest	225	20.0	13.0	26.9	21.6	13.8	29.3
St. Louis Metro	563	10.7	6.6	14.9	9.6	5.8	13.4
GENDER							
Female	1,314	6.1	4.1	8.1	5.2	3.5	6.9
Male	999	24.1	20.3	27.9	23.7	19.7	27.8
RACE							
African-American	176	12.2	6.2	18.2	11.8	4.8	18.9
Other	126	11.6	4.3	19.0	8.7	3.1	14.3
White	1,991	16.0	13.5	18.6	15.5	12.9	18.1
EDUCATION							
< High School	115	39.8	26.4	53.3	33.9	23.6	44.2
High School	703	26.8	21.4	32.2	27.0	21.4	32.6
High School +	1,493	8.8	6.9	10.7	8.4	6.4	10.4
INCOME							
<\$15,000	78	21.0	7.0	35.0	21.3	9.6	32.9
\$15,000-24,999	254	29.3	20.4	38.3	27.3	19.7	34.9
\$25,000-34,999	266	17.5	9.7	25.4	17.4	9.8	25.1
\$35,000-49,999	404	22.5	15.8	29.3	18.1	13.1	23.0
\$50,000-74,999	482	16.2	11.1	21.2	14.3	9.6	19.0
\$75,000+	648	5.3	3.2	7.4	9.4	2.1	16.7

Definition: "Employed for wages" or "Self-employed" response to the question "Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired"? AND "Mostly heavy labor or physically demanding work" to "When you are at work, which of the following best describes what you do?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.3 Are moderately physically active for 30 or more total minutes on 5 or more days of the week, when not at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,592	39.5	37.3	41.7	40.1	37.8	42.5
REGION							
Central	521	34.6	28.9	40.3	34.3	28.4	40.3
Kansas City Metro	868	38.2	34.0	42.3	39.3	34.7	43.9
Northeast	540	38.5	33.2	43.7	39.3	33.4	45.1
Northwest	547	41.5	35.4	47.6	43.3	36.5	50.0
Southeast	509	42.9	37.3	48.5	43.8	38.0	49.6
Southwest	515	43.1	37.6	48.7	43.4	37.6	49.2
St. Louis Metro	1,092	39.1	34.5	43.7	40.0	35.3	44.7
GENDER							
Female	2,854	40.3	37.6	43.1	41.3	38.2	44.3
Male	1,738	38.6	35.0	42.1	39.0	35.3	42.6
RACE							
African-American	380	25.3	19.2	31.4	25.2	19.4	30.9
Other	253	44.8	35.4	54.1	44.3	35.7	53.0
White	3,928	40.3	37.9	42.7	41.1	38.5	43.6
EDUCATION							
< High School	458	33.2	25.9	40.6	35.2	27.7	42.7
High School	1,587	38.4	34.6	42.2	38.9	34.6	43.2
High School +	2,541	41.1	38.2	44.0	41.7	38.7	44.8
INCOME							
<\$15,000	491	37.4	29.2	45.7	36.7	29.4	43.9
\$15,000-24,999	771	36.6	31.0	42.2	38.0	32.0	44.1
\$25,000-34,999	554	39.6	33.5	45.7	42.7	35.5	50.0
\$35,000-49,999	691	39.0	33.2	44.8	37.8	31.8	43.7
\$50,000-74,999	651	42.8	37.3	48.3	41.9	36.3	47.5
\$75,000+	847	40.6	36.1	45.1	43.2	38.5	47.9

Definition: Among all adults, "Yes" or "No" response to the question "Do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?" AND "5, 6, or 7" to "How many days per week do you do these moderate activities for at least 10 minutes at a time?" AND "30 minutes" or greater response to "On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.4 Are vigorously physically active for at least 20 or more total minutes on 3 or more days of the week, when not at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,655	27.8	25.7	29.9	28.9	26.6	31.1
REGION							
Central	527	26.5	20.9	32.2	26.7	21.2	32.2
Kansas City Metro	875	28.0	23.9	32.2	28.9	24.4	33.4
Northeast	542	22.8	18.3	27.3	23.9	18.7	29.1
Northwest	559	26.0	20.0	32.0	26.1	19.5	32.6
Southeast	514	26.9	21.6	32.3	29.0	23.2	34.7
Southwest	525	31.5	26.1	36.9	32.5	26.6	38.5
St. Louis Metro	1,113	27.4	23.1	31.7	28.6	24.1	33.0
GENDER							
Female	2,902	24.2	21.6	26.8	25.6	22.7	28.4
Male	1,753	31.7	28.3	35.1	32.4	28.9	35.9
RACE							
African-American	384	23.6	16.4	30.8	24.7	17.4	32.0
Other	264	36.4	27.4	45.4	37.3	29.3	45.3
White	3,976	27.5	25.2	29.8	28.6	26.2	31.1
EDUCATION							
< High School	474	32.7	24.0	41.3	31.7	24.4	39.0
High School	1,615	22.4	19.0	25.8	24.5	20.8	28.3
High School +	2,559	30.0	27.3	32.7	29.7	26.8	32.5
INCOME							
<\$15,000	500	22.5	14.6	30.4	23.1	15.9	30.4
\$15,000-24,999	787	19.3	14.7	23.8	20.1	15.1	25.1
\$25,000-34,999	561	19.9	15.1	24.7	22.6	16.6	28.7
\$35,000-49,999	696	29.8	23.9	35.6	30.0	23.4	36.7
\$50,000-74,999	658	27.2	22.3	32.2	26.7	21.5	31.8
\$75,000+	852	37.3	32.7	41.8	40.0	35.7	44.3

Definition: Among all adults, "Yes" or "No" response to the question "Do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?" AND "3, 4, 5, 6, or 7" to "How many days per week do you do these moderate activities for at least 10 minutes at a time?" AND "30 minutes" or greater response to "On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 6 Exercise and Physical Activity

Table 6.5 Meet CDC recommendation of 30 minutes moderate activity 5 or more days of the week or 20 minutes vigorous activity 3 or more days of the week, when not at work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,573	50.0	47.7	52.2	51.0	48.7	53.3
REGION							
Central	518	45.3	39.4	51.2	45.1	38.9	51.2
Kansas City Metro	867	47.1	42.8	51.4	47.8	43.1	52.5
Northeast	538	45.5	40.2	50.9	47.1	41.1	53.1
Northwest	542	53.1	47.1	59.1	55.0	49.6	60.4
Southeast	504	53.4	47.9	58.9	55.6	49.9	61.3
Southwest	512	54.2	48.6	59.8	55.3	49.3	61.3
St. Louis Metro	1,092	50.5	45.9	55.0	51.8	47.4	56.3
GENDER							
Female	2,842	48.2	45.4	50.9	49.4	46.5	52.4
Male	1,731	51.9	48.3	55.5	52.6	49.1	56.1
RACE							
African-American	375	38.4	30.8	46.0	39.3	31.4	47.2
Other	252	57.5	48.6	66.3	57.0	48.6	65.4
White	3,916	50.4	48.0	52.8	51.5	49.1	54.0
EDUCATION							
< High School	456	51.1	43.4	58.8	51.0	44.1	57.9
High School	1,577	46.0	42.1	49.9	47.4	43.2	51.6
High School +	2,534	52.0	49.1	54.9	52.2	49.1	55.3
INCOME							
<\$15,000	490	48.3	40.2	56.4	47.9	41.4	54.4
\$15,000-24,999	766	43.2	37.5	48.8	44.6	38.4	50.7
\$25,000-34,999	552	47.6	41.4	53.7	51.0	43.9	58.1
\$35,000-49,999	691	50.4	44.4	56.4	50.5	44.0	57.1
\$50,000-74,999	651	53.2	47.6	58.7	52.6	46.9	58.4
\$75,000+	844	54.3	49.7	59.0	56.4	52.0	60.8

Definition: "Among all adults, either moderately or vigorously active according to 6.3 and 6.4 definitions"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 7 Fruit and Vegetable Consumption

Table 7 Ate Five or more fruits and vegetables per day

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,791	19.9	18.2	21.6	19.3	17.5	21.0
REGION							
Central	540	19.1	15.1	23.2	19.2	15.3	23.1
Kansas City Metro	899	18.0	14.9	21.2	18.0	14.4	21.7
Northeast	564	18.8	14.9	22.7	17.8	13.6	21.9
Northwest	573	19.8	14.9	24.6	20.0	14.3	25.7
Southeast	534	18.9	14.7	23.2	18.5	13.9	23.1
Southwest	535	20.0	15.8	24.3	18.3	14.5	22.2
St. Louis Metro	1,146	21.4	17.8	25.0	20.5	16.8	24.1
GENDER							
Female	2,985	26.6	24.1	29.0	25.7	23.0	28.4
Male	1,806	12.4	10.3	14.6	12.2	10.1	14.4
RACE							
African-American	402	20.5	13.9	27.0	21.1	14.4	27.9
Other	280	24.0	16.5	31.6	24.2	16.9	31.5
White	4,073	19.4	17.7	21.2	18.6	16.8	20.4
EDUCATION							
< High School	494	15.3	9.5	21.0	14.0	8.6	19.3
High School	1,666	18.1	15.1	21.1	17.5	14.2	20.9
High School +	2,624	21.7	19.5	23.9	21.2	19.0	23.4
INCOME							
<\$15,000	523	18.8	12.0	25.6	17.4	11.8	23.1
\$15,000-24,999	806	17.3	13.6	21.0	16.5	12.5	20.6
\$25,000-34,999	572	15.6	11.8	19.3	13.3	9.6	17.0
\$35,000-49,999	714	18.0	13.9	22.2	17.0	13.5	20.6
\$50,000-74,999	672	20.1	15.9	24.3	19.8	15.6	23.9
\$75,000+	867	23.0	19.2	26.9	23.8	18.6	28.9

Definition: Calculated from the responses to "How often do you drink fruit juices such as orange, grapefruit or tomato?" AND "Not counting juice, how often do you eat fruit?" AND "How often do you eat green salad?" AND "How often do you eat potatoes not including French fries, fried potatoes, or potato chips?" AND "How often do you eat carrots?" AND "Not counting carrots, potatoes, or salad, how many servings of vegetables do you usually eat? (Example: A serving of vegetables at both lunch and dinner would be two servings.)"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 8 Overweight and Obesity

Table 8.1 Overweight

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,903	35.0	33.0	37.1	34.8	32.7	36.9
REGION							
Central	543	37.5	31.8	43.2	37.7	31.9	43.4
Kansas City Metro	925	33.3	29.6	37.1	32.6	29.0	36.3
Northeast	569	37.8	32.4	43.1	38.1	32.7	43.5
Northwest	581	35.9	30.4	41.4	34.7	29.1	40.3
Southeast	546	38.2	32.9	43.4	38.3	32.7	43.9
Southwest	540	34.3	29.1	39.5	35.1	29.3	40.9
St. Louis Metro	1,199	34.2	30.0	38.3	33.8	29.7	37.9
GENDER							
Female	2,992	29.3	26.9	31.7	28.8	26.3	31.3
Male	1,911	41.0	37.7	44.3	41.0	37.7	44.3
RACE							
African-American	423	29.6	23.4	35.7	29.0	23.4	34.6
Other	290	30.9	23.3	38.6	32.3	24.9	39.7
White	4,155	35.8	33.6	38.1	35.7	33.3	38.0
EDUCATION							
< High School	516	32.4	25.8	39.1	29.9	23.4	36.5
High School	1,718	34.5	31.0	38.0	34.0	30.3	37.7
High School +	2,664	35.8	33.1	38.5	35.7	33.0	38.5
INCOME							
<\$15,000	536	27.3	21.5	33.0	27.2	21.8	32.7
\$15,000-24,999	838	27.3	22.8	31.8	26.3	21.6	31.0
\$25,000-34,999	584	38.5	32.6	44.4	39.2	32.5	45.8
\$35,000-49,999	732	36.0	30.7	41.4	36.2	30.6	41.8
\$50,000-74,999	678	38.4	33.0	43.8	38.0	32.4	43.6
\$75,000+	885	39.3	34.9	43.7	39.1	33.7	44.6

Definition: Adult reported height and weight converted to Body Mass Index (BMI). Overweight is a BMI of 25.0 through 29.99.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 8 Overweight and Obesity

Table 8.2 Obese

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,903	30.6	28.6	32.6	30.1	28.1	32.2
REGION							
Central	543	27.1	22.2	32.1	27.0	22.2	31.8
Kansas City Metro	925	28.6	24.9	32.3	27.5	24.1	31.0
Northeast	569	30.8	25.8	35.9	30.8	25.5	36.1
Northwest	581	37.3	31.4	43.2	36.2	31.0	41.5
Southeast	546	33.6	28.4	38.7	33.9	28.3	39.5
Southwest	540	33.6	28.3	38.9	32.8	27.3	38.4
St. Louis Metro	1,199	29.9	25.8	34.0	29.2	25.0	33.4
GENDER							
Female	2,992	29.0	26.7	31.4	28.7	26.3	31.0
Male	1,911	32.2	28.9	35.4	31.6	28.3	34.8
RACE							
African-American	423	42.5	35.6	49.5	42.0	35.3	48.6
Other	290	29.0	21.7	36.4	28.7	22.0	35.3
White	4,155	29.7	27.5	31.9	29.1	26.8	31.4
EDUCATION							
< High School	516	35.7	28.7	42.7	39.5	32.2	46.7
High School	1,718	32.1	28.6	35.5	32.1	28.3	36.0
High School +	2,664	28.9	26.2	31.5	27.6	25.2	30.1
INCOME							
<\$15,000	536	35.8	29.0	42.5	38.2	31.9	44.4
\$15,000-24,999	838	40.5	35.0	46.0	42.3	36.3	48.2
\$25,000-34,999	584	29.5	24.0	35.1	29.2	23.1	35.4
\$35,000-49,999	732	30.6	24.9	36.2	30.3	23.9	36.7
\$50,000-74,999	678	29.7	24.7	34.6	28.2	23.4	32.9
\$75,000+	885	27.9	23.8	32.0	24.6	20.9	28.4

Definition: Adult reported height and weight converted to Body Mass Index (BMI). Obesity is a BMI of 30.0 and greater.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 9 Tobacco Use

Table 9.1 Has never smoked cigarettes

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,042	52.1	50.0	54.3	52.7	50.4	55.0
REGION							
Central	564	53.9	48.2	59.6	54.0	48.5	59.4
Kansas City Metro	954	52.7	48.5	56.8	53.3	48.9	57.7
Northeast	588	50.8	45.0	56.5	51.0	45.0	56.9
Northwest	604	53.6	47.7	59.4	54.1	47.7	60.5
Southeast	556	47.9	42.5	53.2	47.3	41.7	52.9
Southwest	554	52.5	47.1	57.9	53.5	47.8	59.2
St. Louis Metro	1,222	52.3	47.9	56.7	52.7	48.0	57.3
GENDER							
Female	3,123	58.4	55.8	61.0	58.9	56.1	61.8
Male	1,919	45.4	42.0	48.9	45.7	42.3	49.2
RACE							
African-American	438	55.1	48.2	61.9	55.5	49.0	61.9
Other	305	48.6	40.2	57.0	48.9	40.9	56.9
White	4,261	52.2	49.9	54.6	52.7	50.3	55.2
EDUCATION							
< High School	533	37.7	30.6	44.8	32.7	26.3	39.0
High School	1,763	44.6	40.9	48.2	44.8	40.8	48.9
High School +	2,737	58.9	56.1	61.7	59.4	56.5	62.3
INCOME							
<\$15,000	550	41.0	33.3	48.7	39.0	32.4	45.7
\$15,000-24,999	853	42.5	37.1	47.9	41.2	35.4	47.0
\$25,000-34,999	597	39.7	34.0	45.4	39.0	32.4	45.6
\$35,000-49,999	746	47.2	41.4	53.0	46.7	40.5	53.0
\$50,000-74,999	689	53.7	48.3	59.1	54.7	49.3	60.1
\$75,000+	905	64.9	60.7	69.1	66.8	63.0	70.7

Definition: "No" response to question "Have you smoked at least 100 cigarettes in your lifetime?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 9 Tobacco Use

Table 9.2.1 Currently smokes cigarettes

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,042	23.1	21.2	25.0	23.3	21.3	25.3
REGION							
Central	564	21.0	16.1	25.9	20.9	16.1	25.6
Kansas City Metro	954	23.7	20.1	27.2	23.6	19.9	27.3
Northeast	588	24.5	18.5	30.6	25.3	19.7	30.8
Northwest	604	19.7	15.0	24.3	19.1	14.6	23.5
Southeast	556	26.5	21.7	31.4	28.4	23.1	33.7
Southwest	554	23.3	18.5	28.0	23.4	18.2	28.5
St. Louis Metro	1,222	22.7	18.8	26.7	22.7	18.6	26.8
GENDER							
Female	3,123	22.0	19.6	24.3	22.3	19.7	24.8
Male	1,919	24.3	21.3	27.4	24.3	21.2	27.4
RACE							
African-American	438	27.1	21.1	33.2	27.1	21.1	33.1
Other	305	29.0	21.0	37.1	28.8	21.2	36.4
White	4,261	22.2	20.1	24.2	22.4	20.2	24.6
EDUCATION							
< High School	533	38.4	31.1	45.7	46.6	39.6	53.5
High School	1,763	30.3	26.8	33.9	31.9	27.9	35.8
High School +	2,737	16.4	14.2	18.6	15.9	13.5	18.2
INCOME							
<\$15,000	550	34.5	27.8	41.2	37.0	30.6	43.4
\$15,000-24,999	853	37.1	31.6	42.6	40.8	34.8	46.7
\$25,000-34,999	597	25.3	19.9	30.8	27.2	21.2	33.2
\$35,000-49,999	746	25.8	19.9	31.7	26.3	20.3	32.2
\$50,000-74,999	689	21.2	16.6	25.8	19.8	15.3	24.4
\$75,000+	905	11.1	8.5	13.7	9.8	7.4	12.2

Definition: "Yes" response to question "Have you smoked at least 100 cigarettes in your lifetime?" AND "Every day" OR "Some days" response to "Do you now smoke cigarettes every day, some days or not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 9 Tobacco Use

Table 9.2.2 Formerly smoked cigarettes

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,042	24.8	23.0	26.5	24.0	22.3	25.7
REGION							
Central	564	25.1	20.6	29.7	25.2	20.8	29.5
Kansas City Metro	954	23.7	20.2	27.2	23.1	19.4	26.8
Northeast	588	24.7	20.5	29.0	23.8	19.7	27.8
Northwest	604	26.8	21.7	31.9	26.9	21.0	32.7
Southeast	556	25.6	21.1	30.1	24.3	19.7	28.9
Southwest	554	24.3	20.2	28.4	23.2	19.3	27.1
St. Louis Metro	1,222	25.0	21.5	28.5	24.6	21.2	28.0
GENDER							
Female	3,123	19.7	17.8	21.6	18.8	17.0	20.7
Male	1,919	30.2	27.3	33.2	30.0	27.2	32.8
RACE							
African-American	438	17.8	13.1	22.5	17.4	13.1	21.8
Other	305	22.4	15.7	29.1	22.3	16.2	28.4
White	4,261	25.6	23.7	27.6	24.9	23.0	26.7
EDUCATION							
< High School	533	23.9	18.9	28.9	20.8	16.4	25.1
High School	1,763	25.1	22.2	28.1	23.3	20.3	26.3
High School +	2,737	24.6	22.3	27.0	24.7	22.5	27.0
INCOME							
<\$15,000	550	24.5	19.0	30.0	24.0	18.8	29.2
\$15,000-24,999	853	20.4	17.0	23.8	18.1	14.7	21.4
\$25,000-34,999	597	35.0	29.2	40.8	33.8	27.0	40.5
\$35,000-49,999	746	27.0	22.1	31.9	27.1	22.5	31.6
\$50,000-74,999	689	25.1	20.7	29.5	25.5	21.3	29.7
\$75,000+	905	24.0	20.3	27.7	23.4	19.8	26.9

Definition: "Yes" response to question "Have you smoked at least 100 cigarettes in your lifetime?" AND "Not at all" response to "Do you now smoke cigarettes every day, some days or not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 9 Tobacco Use

Table 9.3 Current cigarette smoking quit attempt

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,052	54.5	49.7	59.2	53.3	48.7	57.9
REGION							
Central	105	42.3	28.6	56.1	42.6	31.5	53.7
Kansas City Metro	203	60.4	52.0	68.7	62.8	54.4	71.2
Northeast	122	39.5	25.5	53.5	38.3	27.7	48.9
Northwest	114	52.4	39.0	65.8	48.9	35.7	62.2
Southeast	132	53.0	42.1	63.8	52.4	41.5	63.4
Southwest	118	47.3	35.4	59.2	46.9	35.0	58.8
St. Louis Metro	258	60.5	50.7	70.3	57.4	48.0	66.9
GENDER							
Female	638	55.7	49.8	61.6	54.4	48.8	59.9
Male	414	53.3	45.9	60.6	52.5	45.3	59.7
RACE							
African-American	120	77.8	68.0	87.6	79.3	70.3	88.2
Other	66	66.6	51.1	82.1	59.6	46.8	72.3
White	858	50.2	44.9	55.6	48.7	43.4	54.0
EDUCATION							
< High School	166	58.2	46.2	70.2	53.5	43.7	63.4
High School	440	51.2	44.0	58.5	50.7	43.4	58.0
High School +	445	56.3	49.0	63.5	55.7	48.8	62.6
INCOME							
<\$15,000	183	53.2	41.7	64.6	53.5	42.9	64.0
\$15,000-24,999	237	51.4	41.1	61.7	51.2	41.6	60.9
\$25,000-34,999	126	55.2	42.6	67.7	53.1	41.0	65.1
\$35,000-49,999	153	52.5	38.6	66.4	50.6	41.5	59.7
\$50,000-74,999	133	63.9	52.8	74.9	65.0	53.7	76.3
\$75,000+	109	57.0	44.8	69.3	38.4	26.1	50.7

Definition: "Yes" response to question "Have you smoked at least 100 cigarettes in your lifetime?" AND "Every day" OR "Some days" response to "Do you now smoke cigarettes every day, some days or not at all?" AND "Yes" response to "During the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 9 Tobacco Use

Table 9.4 Currently use smokeless tobacco

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,056	5.4	4.3	6.5	5.5	4.3	6.7
REGION							
Central	565	6.8	3.4	10.3	6.8	3.4	10.1
Kansas City Metro	956	3.9	2.1	5.7	3.6	1.9	5.2
Northeast	589	8.4	5.4	11.4	9.3	5.9	12.7
Northwest	606	8.3	4.2	12.3	9.6	4.6	14.6
Southeast	558	8.3	4.6	11.9	8.5	4.6	12.3
Southwest	555	8.5	5.1	11.9	9.0	5.2	12.8
St. Louis Metro	1,227	2.9	0.9	4.9	3.1	0.8	5.3
GENDER							
Female	3,133	0.7	0.3	1.1	0.7	0.3	1.1
Male	1,923	10.4	8.1	12.6	10.4	8.1	12.7
RACE							
African-American	441	1.1	0.3	1.9	1.1	0.3	2.0
Other	305	3.5	0.8	6.2	3.3	0.8	5.9
White	4,271	6.0	4.7	7.3	6.2	4.8	7.6
EDUCATION							
< High School	536	10.2	3.7	16.6	9.6	4.5	14.7
High School	1,770	6.5	4.6	8.4	7.1	4.8	9.3
High School +	2,741	3.9	2.8	5.0	3.7	2.6	4.8
INCOME							
<\$15,000	553	4.9	1.3	8.4	5.2	1.7	8.6
\$15,000-24,999	854	5.6	2.7	8.5	5.9	2.9	8.8
\$25,000-34,999	599	3.9	1.3	6.5	4.1	1.1	7.1
\$35,000-49,999	747	9.1	4.8	13.4	9.2	3.9	14.4
\$50,000-74,999	694	4.9	2.8	7.0	4.7	2.6	6.9
\$75,000+	905	4.7	2.6	6.7	4.2	2.4	6.1

Definition: "Every day" or "Some days" response to the question "Do you currently use chewing tobacco, snuff or snus every day, some days or not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 10 Alcohol Consumption

Table 10.1 Had at least one drink in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,984	50.1	48.0	52.3	50.6	48.4	52.9
REGION							
Central	560	49.6	43.8	55.4	50.5	45.1	55.9
Kansas City Metro	939	50.4	46.2	54.5	50.7	46.2	55.1
Northeast	583	42.3	36.8	47.8	43.2	37.8	48.7
Northwest	596	49.7	43.8	55.6	51.9	46.9	56.9
Southeast	555	39.8	34.5	45.2	41.4	35.7	47.0
Southwest	552	42.5	37.1	48.0	42.9	36.9	48.8
St. Louis Metro	1,199	57.2	52.8	61.6	57.8	53.3	62.3
GENDER							
Female	3,091	44.1	41.4	46.8	45.4	42.5	48.3
Male	1,893	56.7	53.3	60.1	56.6	53.1	60.0
RACE							
African-American	429	45.5	38.4	52.7	45.6	38.2	52.9
Other	297	46.1	37.6	54.6	44.9	36.7	53.2
White	4,221	51.1	48.8	53.5	51.8	49.4	54.3
EDUCATION							
< High School	524	21.6	15.7	27.5	23.1	17.2	29.0
High School	1,742	43.6	39.9	47.4	44.5	40.5	48.6
High School +	2,711	58.8	56.0	61.5	58.7	55.8	61.5
INCOME							
<\$15,000	544	34.0	26.4	41.7	33.7	26.9	40.4
\$15,000-24,999	838	34.9	29.6	40.3	36.0	30.3	41.8
\$25,000-34,999	594	42.9	36.7	49.0	45.8	39.3	52.3
\$35,000-49,999	738	50.9	45.0	56.7	50.1	43.6	56.6
\$50,000-74,999	693	62.4	57.4	67.4	60.5	55.3	65.8
\$75,000+	893	68.3	64.2	72.4	67.7	62.4	73.0

Definition: "Yes" response to the question "During the past 30 days have you had a least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 10 Alcohol Consumption

Table 10.2.1 Women that had more than 1 drink per day in past 30 days (heavy drinking)

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	3,062	3.7	2.6	4.8	3.9	2.6	5.3
REGION							
Central	341	3.1	1.3	4.9	3.1	1.2	4.9
Kansas City Metro	579	4.0	2.1	6.0	4.2	2.0	6.5
Northeast	353	2.6	0.1	5.0	3.1	0.0	6.1
Northwest	355	1.5	0.2	2.7	1.5	0.3	2.6
Southeast	350	2.1	0.6	3.5	2.5	0.6	4.3
Southwest	326	4.2	1.4	7.1	3.6	1.2	6.0
St. Louis Metro	758	4.3	1.7	6.8	4.7	1.8	7.6
GENDER							
Female	3,062	3.7	2.6	4.8	3.9	2.6	5.3
Male	0				0.0		
RACE							
African-American	285	4.7	0.0	9.5	4.9	0.6	9.2
Other	170	5.6	0.0	11.5	4.2	0.0	8.4
White	2,583	3.4	2.3	4.6	3.7	2.2	5.2
EDUCATION							
< High School	334	4.6	0.0	11.1	4.2	0.0	8.9
High School	1,062	2.9	1.3	4.4	3.7	1.5	5.9
High School +	1,661	4.0	2.7	5.3	4.0	2.6	5.5
INCOME							
<\$15,000	391	7.9	0.1	15.7	7.0	0.9	13.2
\$15,000-24,999	540	2.0	0.0	4.3	2.6	0.0	5.8
\$25,000-34,999	362	5.3	1.2	9.5	6.7	1.4	11.9
\$35,000-49,999	401	3.2	1.3	5.1	3.3	1.3	5.4
\$50,000-74,999	391	2.0	0.5	3.5	1.9	0.6	3.2
\$75,000+	491	5.2	2.9	7.5	4.4	2.4	6.4

Definition: Among all women respondents, "Yes" or "No" response to the question "During the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "7" days per week AND "30" days in past 30 days responses to "During the past 30 days how many days per week or month did you have at least one drink of any alcoholic beverage" and "2" or greater response to "During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 10 Alcohol Consumption

Table 10.2.2 Men that had more than 2 drinks per day in past 30 days (heavy drinking)

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,853	4.7	3.3	6.1	4.7	3.3	6.1
REGION							
Central	209	5.5	1.9	9.0	5.2	1.9	8.5
Kansas City Metro	349	7.1	2.8	11.3	7.3	2.6	12.1
Northeast	227	4.2	1.4	7.1	4.3	1.3	7.3
Northwest	234	5.2	1.8	8.6	5.4	1.9	9.0
Southeast	198	4.1	0.5	7.8	4.1	0.5	7.7
Southwest	220	5.9	1.6	10.1	6.6	1.4	11.7
St. Louis Metro	416	2.7	1.0	4.4	2.6	1.1	4.2
GENDER							
Female	0						
Male	1,853	4.7	3.3	6.1	4.7	3.3	6.1
RACE							
African-American	134	4.6	0.0	9.1	4.5	0.0	8.9
Other	118	7.3	0.4	14.2	8.0	0.2	15.8
White	1,588	4.5	3.1	5.9	4.4	3.0	5.9
EDUCATION							
< High School	183	1.9	0.0	4.1	1.5	0.0	3.0
High School	651	4.7	3.0	6.5	4.6	2.8	6.4
High School +	1,017	5.2	3.0	7.3	5.4	3.0	7.7
INCOME							
<\$15,000	147	6.4	1.6	11.1	7.1	1.9	12.3
\$15,000-24,999	289	4.6	1.4	7.7	4.3	1.3	7.3
\$25,000-34,999	221	4.6	0.2	9.1	4.5	0.2	8.9
\$35,000-49,999	333	3.1	0.9	5.3	2.8	0.9	4.8
\$50,000-74,999	292	5.3	2.2	8.3	5.5	2.2	8.7
\$75,000+	397	4.4	1.3	7.5	6.2	0.3	12.1

Definition: Among all men respondents, "Yes" or "No" response to the question "During the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "7" days per week AND "30" days in past 30 days responses to "During the past 30 days how many days per week or month did you have at least one drink of any alcoholic beverage" and "3" or greater response to "During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 10 Alcohol Consumption

Table 10.3.1 Men that drank 5 or more drinks on 1 or more occasions in past 30 days (binge drinking)

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,868	22.6	19.4	25.7	22.8	19.7	25.9
REGION							
Central	213	23.9	16.5	31.4	23.3	16.2	30.3
Kansas City Metro	351	21.9	15.4	28.5	22.7	16.2	29.1
Northeast	228	19.4	12.8	26.0	20.5	13.8	27.2
Northwest	234	21.8	11.8	31.8	21.2	12.8	29.6
Southeast	200	15.5	9.0	22.1	16.2	9.6	22.7
Southwest	221	21.7	13.8	29.6	21.2	13.5	28.9
St. Louis Metro	421	25.3	18.7	31.9	26.2	19.4	33.0
GENDER							
Female	0						
Male	1,868	22.6	19.4	25.7	22.8	19.7	25.9
RACE							
African-American	138	18.2	9.2	27.2	19.7	10.8	28.6
Other	119	23.0	11.4	34.7	24.9	14.1	35.6
White	1,598	23.0	19.5	26.4	23.2	19.8	26.7
EDUCATION							
< High School	186	10.6	5.1	16.2	10.4	5.2	15.6
High School	656	20.1	15.1	25.1	19.6	15.1	24.1
High School +	1,024	26.1	21.7	30.6	27.1	22.7	31.5
INCOME							
<\$15,000	148	27.0	12.7	41.2	24.0	14.0	34.1
\$15,000"24,999	291	16.8	9.2	24.5	16.9	10.4	23.5
\$25,000"34,999	225	25.6	15.6	35.6	27.4	18.5	36.3
\$35,000"49,999	335	14.0	8.7	19.2	13.1	8.3	17.9
\$50,000"74,999	294	28.9	20.2	37.7	27.7	21.4	34.1
\$75,000+	398	28.8	22.2	35.3	29.1	21.6	36.5

Definition: Among all male respondents, "Yes" or "No" response to the question "In the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "1" or greater to "Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?"

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Table 10.3.2 Women that drank 4 or more drinks on 1 or more occasions in past 30 days (binge drinking)

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		Prevalence			Age-adjusted Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,078	12.3	10.3	14.4	13.4	11.2	15.7
REGION							
Central	341	9.6	4.8	14.5	10.1	5.1	15.1
Kansas City Metro	585	12.3	8.1	16.6	13.8	9.2	18.3
Northeast	353	10.1	5.4	14.7	11.1	5.7	16.5
Northwest	358	11.2	5.5	16.9	17.7	8.6	26.7
Southeast	352	9.7	5.6	13.7	11.7	6.6	16.8
Southwest	328	12.0	6.7	17.4	14.2	8.0	20.3
St. Louis Metro	761	14.4	10.2	18.6	15.7	11.1	20.2
GENDER							
Female	3,078	12.3	10.3	14.4	13.4	11.2	15.7
Male	0				0.0		
RACE							
African-American	287	10.2	3.3	17.0	10.7	3.8	17.6
Other	174	18.4	8.1	28.6	13.7	6.9	20.5
White	2,593	12.1	9.9	14.3	13.4	10.9	15.9
EDUCATION							
< High School	335	9.1	2.3	16.0	10.9	4.9	16.9
High School	1,068	10.7	7.3	14.1	14.2	9.7	18.8
High School +	1,670	13.8	11.0	16.5	13.6	10.7	16.5
INCOME							
<\$15,000	391	13.3	5.2	21.5	13.5	6.5	20.5
\$15,000-24,999	540	10.2	5.3	15.1	11.7	6.3	17.1
\$25,000-34,999	366	12.3	6.7	17.9	16.8	10.4	23.3
\$35,000-49,999	400	11.7	6.9	16.5	11.3	6.6	15.9
\$50,000-74,999	394	15.2	9.4	21.0	14.0	8.7	19.3
\$75,000+	492	16.9	11.9	21.9	18.8	12.1	25.4

Definition: Among all female respondents, "Yes" or "No" response to the question "In the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "1" or greater to "Considering all types of alcoholic beverages, how many times during the past 30 days did you have 4 or more drinks on an occasion?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 11 - Immunization

Table 11.1.1 Age 18 and older – Had flu shot in past 12 months

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,932	39.2	37.2	41.2	37.6	35.6	39.6
REGION							
Central	555	40.5	34.9	46.1	40.2	34.8	45.6
Kansas City Metro	931	36.5	32.7	40.3	35.2	31.4	39.1
Northeast	578	40.7	35.7	45.7	37.6	32.3	43.0
Northwest	591	39.6	34.0	45.2	37.5	32.8	42.2
Southeast	552	37.8	32.8	42.8	35.6	30.5	40.7
Southwest	548	39.1	34.1	44.2	36.7	31.6	41.8
St. Louis Metro	1,177	40.4	36.3	44.6	38.6	34.6	42.7
GENDER							
Female	3,067	42.6	40.1	45.2	40.6	37.9	43.2
Male	1,865	35.4	32.3	38.5	34.7	31.7	37.7
RACE							
African-American	422	31.6	25.4	37.8	31.9	25.6	38.3
Other	294	37.7	29.8	45.6	39.1	31.2	47.0
White	4,180	40.1	37.9	42.3	38.0	35.8	40.2
EDUCATION							
< High School	521	38.3	31.7	44.9	33.6	27.3	39.8
High School	1,718	36.9	33.6	40.2	32.3	29.0	35.5
High School +	2,686	40.5	37.8	43.3	41.2	38.4	44.0
INCOME							
<\$15,000	539	34.5	27.5	41.4	32.2	25.9	38.4
\$15,000-24,999	829	35.9	31.2	40.6	31.2	26.4	36.0
\$25,000-34,999	586	40.4	34.8	46.1	33.0	27.6	38.5
\$35,000-49,999	734	35.1	30.2	39.9	36.2	31.4	41.0
\$50,000-74,999	688	37.6	32.5	42.6	38.0	33.2	42.9
\$75,000+	885	44.7	40.2	49.2	47.6	42.0	53.2

Definition: All adults - "Yes" response to the question, "During the past 12 months, have you had a flu shot?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 11 Immunization

Table 11.1.2 Age 65 and older – Had flu shot in past 12 months

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,632	72.5	69.8	75.3
REGION				
Central	191	73.4	66.7	80.1
Kansas City Metro	293	70.0	64.1	75.8
Northeast	176	63.1	55.0	71.2
Northwest	198	77.1	70.7	83.5
Southeast	199	69.6	62.7	76.5
Southwest	216	72.5	66.3	78.8
St. Louis Metro	359	75.5	69.5	81.6
GENDER				
Female	1,069	70.6	67.0	74.2
Male	563	75.1	70.9	79.4
RACE				
African-American	111	55.9	40.6	71.2
Other	93	67.8	56.7	78.9
White	1,413	74.6	71.8	77.3
EDUCATION				
< High School	265	65.7	57.3	74.1
High School	672	71.4	67.2	75.6
High School +	693	76.2	72.5	79.9
INCOME				
<\$15,000	222	62.5	54.8	70.2
\$15,000-24,999	388	66.4	60.6	72.2
\$25,000-34,999	240	75.8	69.7	81.9
\$35,000-49,999	219	78.7	72.1	85.2
\$50,000-74,999	115	74.5	64.9	84.1
\$75,000+	119	79.3	71.1	87.6

Definition: Among adults age 65 and older, “Yes” response to the question, “During the past 12 months, have you had a flu shot?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 11 Immunization

Table 11.2 Age 65 and older – Ever had pneumonia vaccination

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,590	68.3	65.3	71.3
REGION				
Central	185	68.0	60.6	75.3
Kansas City Metro	284	64.3	57.9	70.7
Northeast	174	68.1	60.5	75.7
Northwest	197	75.4	68.9	82.0
Southeast	197	61.8	54.4	69.2
Southwest	207	74.3	68.0	80.6
St. Louis Metro	346	69.1	62.4	75.9
GENDER				
Female	1,049	70.2	66.4	73.9
Male	541	65.7	60.7	70.7
RACE				
African-American	107	50.6	35.4	65.8
Other	88	62.0	49.7	74.3
White	1,380	70.3	67.3	73.3
EDUCATION				
< High School	260	65.2	56.5	73.8
High School	657	68.8	64.4	73.2
High School +	671	69.1	64.7	73.5
INCOME				
<\$15,000	217	69.0	61.3	76.7
\$15,000-24,999	382	66.6	60.7	72.4
\$25,000-34,999	235	71.5	64.3	78.8
\$35,000-49,999	209	68.6	60.8	76.4
\$50,000-74,999	111	72.2	62.4	82.1
\$75,000+	114	63.8	53.1	74.5

Definition: Age 65 and older, "Yes" response to the question, "Have you ever had a pneumonia shot?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.1 Ever been tested for HIV

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,036	38.0	35.4	40.5	31.9	29.8	34.1
REGION							
Central	342	40.2	33.4	47.1	34.1	28.8	39.3
Kansas City Metro	584	38.4	33.5	43.3	32.1	27.7	36.5
Northeast	375	30.7	24.3	37.1	25.7	20.2	31.1
Northwest	351	39.7	32.1	47.2	33.6	26.9	40.4
Southeast	322	33.7	27.4	40.1	28.3	22.9	33.6
Southwest	311	38.3	31.5	45.1	31.2	25.2	37.2
St. Louis Metro	751	38.6	33.3	43.8	33.2	28.8	37.6
GENDER							
Female	1,842	42.9	39.6	46.3	36.3	33.5	39.1
Male	1,194	32.8	28.8	36.7	19.2	17.0	21.4
RACE							
African-American	270	67.4	59.1	75.6	55.2	48.6	61.8
Other	178	50.3	39.8	60.8	41.2	33.1	49.4
White	2,570	34.2	31.4	37.0	28.8	26.4	31.1
EDUCATION							
< High School	226	29.7	21.3	38.2	27.0	20.2	33.8
High School	955	35.5	30.8	40.2	30.7	26.8	34.7
High School +	1,852	40.3	37.0	43.5	33.2	30.3	36.1
INCOME							
<\$15,000	287	50.6	40.7	60.4	41.3	33.7	48.8
\$15,000-24,999	403	44.2	36.9	51.5	37.1	31.1	43.0
\$25,000-34,999	321	43.0	34.9	51.0	39.2	32.7	45.8
\$35,000-49,999	481	40.4	33.4	47.4	30.2	25.4	35.1
\$50,000-74,999	537	33.8	27.9	39.6	28.2	23.1	33.2
\$75,000+	718	34.0	29.3	38.7	28.1	23.5	32.7

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation. Include testing fluid from your mouth."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.2.1 Had last HIV test at a private doctor or HMO office

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,056	42.8	38.5	47.1	34.6	30.9	38.3
REGION							
Central	118	37.4	26.0	48.7	32.6	26.1	39.1
Kansas City Metro	228	45.1	37.2	53.0	35.1	28.4	41.9
Northeast	86	29.6	17.7	41.4	27.5	17.9	37.1
Northwest	106	32.2	20.6	43.8	25.6	17.9	33.3
Southeast	106	43.2	31.9	54.5	35.5	25.9	45.2
Southwest	99	33.8	23.1	44.6	26.9	18.7	35.1
St. Louis Metro	313	49.4	40.8	58.1	39.9	32.8	47.0
GENDER							
Female	665	52.3	47.0	57.5	42.5	37.9	47.2
Male	391	30.0	23.1	36.9	17.2	13.5	20.9
RACE							
African-American	170	41.8	31.6	51.9	33.1	25.5	40.6
Other	79	44.4	29.0	59.9	32.1	21.3	42.8
White	802	42.8	37.8	47.8	35.1	30.6	39.5
EDUCATION							
< High School	74	39.1	24.1	54.1	32.3	20.2	44.5
High School	294	34.1	26.1	42.0	26.8	21.1	32.6
High School +	687	47.0	41.6	52.4	38.7	33.3	44.2
INCOME							
<\$15,000	136	33.8	20.8	46.9	21.9	15.2	28.7
\$15,000-24,999	160	34.7	24.3	45.1	28.0	20.3	35.6
\$25,000-34,999	124	42.9	30.3	55.4	33.8	24.3	43.3
\$35,000-49,999	165	43.6	32.5	54.8	35.9	26.6	45.2
\$50,000-74,999	167	56.5	45.7	67.4	47.5	38.0	57.0
\$75,000+	227	48.4	39.7	57.1	38.8	28.8	48.7

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "Private doctor or HMO office" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.2.2 Had last HIV test at a hospital or clinic

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,056	41.9	37.6	46.3	34.5	30.7	38.4
REGION							
Central	118	43.8	32.8	54.9	34.7	27.3	42.1
Kansas City Metro	228	34.5	27.2	41.9	27.8	22.1	33.5
Northeast	86	45.4	31.6	59.2	37.3	27.6	47.0
Northwest	106	54.7	41.8	67.5	44.5	34.4	54.6
Southeast	106	47.3	35.8	58.8	39.6	30.0	49.2
Southwest	99	50.4	38.5	62.4	39.0	28.4	49.5
St. Louis Metro	313	38.7	30.1	47.4	33.3	26.3	40.2
GENDER							
Female	665	37.5	32.4	42.6	30.1	25.7	34.5
Male	391	47.9	40.5	55.3	23.8	20.2	27.5
RACE							
African-American	170	37.6	28.0	47.2	32.8	24.2	41.3
Other	79	42.8	28.0	57.6	36.9	26.1	47.7
White	802	42.7	37.6	47.8	35.2	30.5	39.8
EDUCATION							
< High School	74	57.4	42.4	72.4	47.1	34.8	59.4
High School	294	49.1	40.7	57.6	39.1	32.6	45.6
High School +	687	37.2	31.9	42.6	31.6	26.3	36.9
INCOME							
<\$15,000	136	52.6	38.6	66.6	47.0	38.3	55.8
\$15,000-24,999	160	52.7	41.8	63.6	44.0	35.8	52.1
\$25,000-34,999	124	45.0	32.1	57.9	38.6	28.5	48.7
\$35,000-49,999	165	46.6	35.4	57.7	38.5	29.2	47.8
\$50,000-74,999	167	31.1	20.5	41.6	25.6	16.5	34.7
\$75,000+	227	27.2	20.0	34.4	20.9	15.5	26.3

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "At a hospital" or "At a clinic" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.2.3 Had last HIV test at a jail or prison (or other correctional facility)

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,056	2.2	1.0	3.4
REGION				
Central	118	5.4	0.0	11.0
Kansas City Metro	228	2.4	0.0	5.3
Northeast	86	0.5	0.0	1.4
Northwest	106	4.5	0.0	11.9
Southeast	106	1.4	0.0	3.5
Southwest	99	2.8	0.0	6.7
St. Louis Metro	313	0.8	0.0	1.9
GENDER				
Female	665	0.6	0.0	1.3
Male	391	4.3	1.7	7.0
RACE				
African-American	170	3.6	0.0	8.5
Other	79	4.1	0.0	8.5
White	802	1.7	0.5	2.9
EDUCATION				
< High School	74	0.2	0.0	0.7
High School	294	4.6	1.4	7.8
High School +	687	1.3	0.1	2.5
INCOME				
<\$15,000	136	5.2	0.0	11.1
\$15,000-24,999	160	5.1	0.2	9.9
\$25,000-34,999	124	4.8	0.0	10.9
\$35,000-49,999	165	0.9	0.0	2.2
\$50,000-74,999	167	0.0	0.0	0.0
\$75,000+	227	0.7	0.0	2.0

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "Jail or prison" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison (or other correctional facility), at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger Table 12.2.4 Had last HIV test at a drug treatment facility

Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence		
		%	Lower CI	Upper CI
OVERALL	1,056	0.5	0.1	0.9
REGION				
Central	118	0.0	0.0	0.0
Kansas City Metro	228	1.0	0.0	2.4
Northeast	86	0.5	0.0	1.4
Northwest	106	0.0	0.0	0.0
Southeast	106	0.0	0.0	0.0
Southwest	99	1.2	0.0	2.7
St. Louis Metro	313	0.3	0.0	0.7
GENDER				
Female	665	0.4	0.0	0.7
Male	391	0.7	0.0	1.5
RACE				
African-American	170	0.8	0.0	2.2
Other	79	0.0	0.0	0.0
White	802	0.5	0.1	1.0
EDUCATION				
< High School	74	2.5	0.0	6.2
High School	294	1.1	0.0	2.1
High School +	687	0.1	0.0	0.2
INCOME				
<\$15,000	136	0.6	0.0	1.5
\$15,000-24,999	160	0.0	0.0	0.0
\$25,000-34,999	124	2.0	0.0	4.5
\$35,000-49,999	165	0.0	0.0	0.0
\$50,000-74,999	167	0.0	0.0	0.0
\$75,000+	227	0.0	0.0	0.0

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "Drug treatment facility" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.2.5 Had last HIV test at a counseling and testing site

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,056	2.5	0.9	4.1
REGION				
Central	118	0.6	0.0	1.7
Kansas City Metro	228	5.7	0.0	11.8
Northeast	86	0.0	0.0	0.0
Northwest	106	0.0	0.0	0.0
Southeast	106	0.0	0.0	0.0
Southwest	99	3.3	0.0	8.6
St. Louis Metro	313	2.1	0.4	3.8
GENDER				
Female	665	2.2	0.1	4.4
Male	391	2.8	0.4	5.2
RACE				
African-American	170	6.0	0.0	12.4
Other	79	5.3	0.0	14.1
White	802	1.5	0.1	2.8
EDUCATION				
< High School	74	0.0	0.0	0.0
High School	294	5.4	0.6	10.3
High School +	687	1.4	0.3	2.5
INCOME				
<\$15,000	136	1.3	0.0	3.1
\$15,000-24,999	160	4.5	0.0	10.7
\$25,000-34,999	124	0.7	0.0	1.7
\$35,000-49,999	165	0.6	0.0	1.7
\$50,000-74,999	167	2.0	0.0	4.8
\$75,000+	227	3.2	0.0	7.1

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "At a counseling and testing site" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.2.6 Had last HIV test at home or somewhere else

Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence		
		%	Lower CI	Upper CI
OVERALL	1,056	10.1	7.7	12.6
REGION				
Central	118	12.9	5.9	19.8
Kansas City Metro	228	11.2	6.6	15.8
Northeast	86	24.1	12.9	35.3
Northwest	106	8.6	2.5	14.7
Southeast	106	8.1	2.6	13.7
Southwest	99	8.5	2.4	14.6
St. Louis Metro	313	8.7	4.0	13.5
GENDER				
Female	665	7.1	4.8	9.3
Male	391	14.3	9.5	19.0
RACE				
African-American	170	10.2	2.3	18.1
Other	79	3.4	0.0	8.2
White	802	10.9	8.2	13.6
EDUCATION				
< High School	74	0.7	0.0	2.0
High School	294	5.8	2.9	8.6
High School +	687	13.0	9.5	16.5
INCOME				
<\$15,000	136	6.5	1.6	11.4
\$15,000-24,999	160	3.1	0.6	5.6
\$25,000-34,999	124	4.8	1.1	8.5
\$35,000-49,999	165	8.3	3.4	13.2
\$50,000-74,999	167	10.4	5.0	15.8
\$75,000+	227	20.5	13.0	28.0

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV? AND "At home" or "Somewhere else" response to "Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.3 Last HIV test was a rapid results test

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size²	%	Lower CI	Upper CI
OVERALL	252	16.2	8.7	23.7
REGION				
Central	--	--	--	--
Kansas City Metro	--	--	--	--
Northeast	--	--	--	--
Northwest	--	--	--	--
Southeast	--	--	--	--
Southwest	--	--	--	--
St. Louis Metro	103	18.0	3.0	32.9
GENDER				
Female	146	11.6	4.7	18.6
Male	106	22.1	8.1	36.0
RACE				
African-American	70	20.7	8.8	32.6
Other	--	--	--	--
White	163	15.9	5.7	26.0
EDUCATION				
< High School	--	--	--	--
High School	68	20.6	8.5	32.8
High School +	155	14.0	4.0	24.0
INCOME				
<\$15,000	51	41.4	16.3	66.4
\$15,000-24,999	--	--	--	--
\$25,000-34,999	--	--	--	--
\$35,000-49,999	--	--	--	--
\$50,000-74,999	--	--	--	--
\$75,000+	--	--	--	--

Definition: Among respondents age 64 and younger, "Yes" response to the question "Have you ever been tested for HIV?" AND within 12 months or less to "In what month and year was your last HIV test?" AND "Yes" to "Was it a rapid test where you could get your results within in a couple of hours?"

² This sign (--) indicates that the number of responses is less than 50 and is not sufficient to produce a stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 12 HIV Testing: Age 64 and Younger

Table 12.4 At risk for HIV infection

Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-Adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,114	4.1	3.0	5.2	3.7	2.6	4.8
REGION							
Central	347	6.7	2.6	10.9	5.5	2.3	8.7
Kansas City Metro	601	2.8	1.2	4.5	2.3	0.9	3.8
Northeast	382	3.3	0.8	5.7	2.9	0.5	5.4
Northwest	371	5.0	1.1	8.9	5.0	0.8	9.2
Southeast	327	4.1	1.2	6.9	3.6	1.0	6.2
Southwest	318	3.8	1.3	6.3	3.6	1.2	5.9
St. Louis Metro	768	4.1	1.9	6.4	3.8	1.7	5.9
GENDER							
Female	1,891	2.9	1.8	3.9	2.5	1.6	3.3
Male	1,223	5.4	3.4	7.4	2.1	1.3	2.9
RACE							
African-American	277	6.6	3.3	9.8	5.6	2.8	8.5
Other	183	5.1	0.7	9.4	3.8	0.8	6.8
White	2,635	3.8	2.6	5.0	3.5	2.3	4.7
EDUCATION							
< High School	228	7.6	3.1	12.0	6.0	2.7	9.3
High School	974	3.6	1.9	5.4	3.5	1.7	5.3
High School +	1,907	3.9	2.4	5.4	3.7	2.1	5.3
INCOME							
<\$15,000	292	11.6	3.5	19.8	9.6	4.0	15.2
\$15,000-24,999	411	4.8	2.1	7.6	4.4	2.0	6.9
\$25,000-34,999	327	5.5	1.4	9.5	5.5	1.1	9.8
\$35,000-49,999	494	3.1	1.2	5.0	3.0	0.5	5.4
\$50,000-74,999	546	3.7	1.2	6.1	3.7	1.0	6.5
\$75,000+	737	2.2	0.7	3.8	2.0	0.6	3.4

Definition: "Yes" response to "I'm going to read you a list. When I'm done, please tell me if any of the situations apply to you. You do not need to tell me which one. 1) You have used intravenous drugs in the past year; 2) You have been treated for a sexually transmitted or venereal disease in the past year; 3) You have given or received money or drugs in exchange for sex in the past year; 4) You had anal sex without a condom in the past year. Do any of these situations apply to you?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chronic Conditions and Diseases

Chapter 13: Hypertension Awareness

Table 13.1 Ever been told by a doctor have high blood pressure

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-Adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,050	30.6	28.8	32.4	29.2	27.6	30.9
REGION							
Central	564	27.9	23.5	32.4	27.8	23.8	31.8
Kansas City Metro	954	28.8	25.5	32.1	27.3	24.6	30.0
Northeast	589	32.6	27.9	37.4	30.3	26.3	34.4
Northwest	605	31.1	26.4	35.9	31.5	27.1	35.9
Southeast	558	36.4	31.6	41.2	33.9	29.2	38.6
Southwest	553	33.6	28.9	38.4	31.3	27.2	35.5
St. Louis Metro	1,227	29.4	25.7	33.0	27.9	24.7	31.2
GENDER							
Female	3,129	30.1	27.9	32.3	27.6	25.6	29.6
Male	1,921	31.2	28.4	34.1	30.9	28.3	33.5
RACE							
African-American	440	43.4	36.5	50.2	43.1	37.3	48.9
Other	303	27.1	20.6	33.6	29.1	23.7	34.5
White	4,268	29.7	27.7	31.6	28.0	26.2	29.8
EDUCATION							
< High School	534	39.2	32.7	45.6	37.3	31.4	43.2
High School	1,766	36.8	33.6	40.1	33.0	30.0	36.1
High School +	2,741	25.6	23.3	27.8	26.1	24.0	28.3
INCOME							
<\$15,000	551	41.5	34.7	48.3	41.7	36.0	47.3
\$15,000-24,999	853	35.6	30.9	40.4	33.1	28.3	37.9
\$25,000-34,999	597	34.9	29.6	40.2	28.2	23.5	32.9
\$35,000-49,999	747	30.9	26.1	35.6	31.0	26.9	35.0
\$50,000-74,999	694	24.7	20.6	28.8	26.2	22.1	30.3
\$75,000+	904	24.3	20.7	28.0	23.5	20.3	26.6

Definition: "Yes" response to the question "Have you EVER been told by a doctor, nurse or other health professional that you have high blood pressure?" [Only when pregnant, and borderline high or pre-hypertensive coded as "No" responses.]

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 13: Hypertension Awareness

Table 13.2 Currently taking medication for high blood pressure

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,072	79.4	76.4	82.4	62.2	57.4	67.0
REGION							
Central	226	74.5	66.0	83.0	66.7	59.3	74.1
Kansas City Metro	358	84.5	79.6	89.4	65.1	54.6	75.6
Northeast	232	77.6	70.6	84.7	57.0	47.7	66.3
Northwest	263	83.3	75.5	91.1	66.2	55.3	77.2
Southeast	255	81.7	75.2	88.2	67.8	58.0	77.5
Southwest	247	76.1	68.3	84.0	57.2	47.4	66.9
St. Louis Metro	491	78.8	72.4	85.1	59.7	51.3	68.0
GENDER							
Female	1,290	84.9	81.4	88.3	66.1	60.6	71.6
Male	782	73.7	68.9	78.6	58.7	51.7	65.8
RACE							
African-American	233	88.3	81.9	94.8	74.5	66.8	82.1
Other	125	77.0	66.2	87.8	57.2	47.1	67.3
White	1,699	78.3	74.9	81.7	60.7	57.1	64.3
EDUCATION							
< High School	278	87.3	81.9	92.6	72.2	62.1	82.3
High School	834	80.6	76.4	84.9	62.1	55.7	68.6
High School +	953	76.2	71.3	81.0	59.8	53.5	66.0
INCOME							
<\$15,000	305	83.6	77.3	89.8	72.2	64.8	79.6
\$15,000-24,999	401	77.7	71.1	84.4	56.9	49.5	64.3
\$25,000-34,999	261	84.4	77.2	91.6	55.5	46.2	64.8
\$35,000-49,999	309	79.6	71.8	87.3	61.6	53.0	70.2
\$50,000-74,999	223	76.7	68.7	84.8	52.7	47.0	58.4
\$75,000+	254	75.8	67.8	83.9	59.5	52.6	66.5

Definition: "Yes" response the question "Have you ever been told by a doctor, nurse or other health professional that you have high blood pressure? AND "Yes" response to "Are you currently taking medication for your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.1 Changing eating habits to help lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,896	65.8	62.5	69.0	62.1	56.1	68.2
REGION							
Central	213	60.2	52.0	68.5	65.0	55.2	74.7
Kansas City Metro	322	72.5	66.7	78.3	71.2	61.5	80.8
Northeast	217	62.7	55.0	70.5	70.4	60.2	80.5
Northwest	243	68.7	60.5	77.0	59.2	48.0	70.3
Southeast	236	68.3	60.9	75.7	64.0	53.5	74.4
Southwest	233	65.5	57.5	73.5	58.8	45.8	71.9
St. Louis Metro	432	63.2	55.9	70.4	55.7	45.1	66.3
GENDER							
Female	1,186	69.2	65.3	73.2	68.7	61.6	75.8
Male	710	62.1	56.9	67.3	56.5	48.2	64.9
RACE							
African-American	206	74.0	63.7	84.3	76.6	66.2	87.0
Other	113	64.9	52.7	77.0	51.9	39.8	64.1
White	1,564	64.7	61.1	68.3	52.1	47.9	56.2
EDUCATION							
< High School	253	67.2	58.3	76.1	65.4	53.6	77.1
High School	765	64.8	59.8	69.7	57.8	47.2	68.4
High School +	872	66.0	61.1	71.0	63.6	55.3	71.9
INCOME							
<\$15,000	272	64.9	55.9	73.8	62.7	50.8	74.6
\$15,000-24,999	368	65.2	57.5	72.9	55.7	44.3	67.2
\$25,000-34,999	244	61.7	52.5	70.8	58.3	47.5	69.1
\$35,000-49,999	288	66.3	58.1	74.5	66.7	54.2	79.2
\$50,000-74,999	207	65.9	57.1	74.6	55.8	43.4	68.2
\$75,000+	233	71.8	64.4	79.3	57.4	51.3	63.4

Definition: "Yes" to "Are you changing your eating habits to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.2 Cutting down on salt to help lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,900	66.9	63.7	70.0	61.0	55.5	66.6
REGION							
Central	214	55.7	47.0	64.3	46.4	35.8	57.1
Kansas City Metro	322	71.4	65.6	77.2	74.1	63.4	84.8
Northeast	216	67.8	60.1	75.5	70.2	59.7	80.6
Northwest	246	66.4	57.9	75.0	57.0	45.0	69.0
Southeast	236	60.8	52.9	68.8	48.4	37.5	59.2
Southwest	234	72.0	64.1	80.0	67.2	54.8	79.7
St. Louis Metro	432	67.3	60.6	74.0	61.0	51.4	70.5
GENDER							
Female	1,189	69.5	65.5	73.4	64.9	57.3	72.5
Male	711	64.1	59.1	69.1	57.6	49.8	65.3
RACE							
African-American	206	81.0	73.5	88.5	80.5	70.5	90.5
Other	113	53.6	40.4	66.8	46.9	34.7	59.2
White	1,568	66.1	62.6	69.6	54.2	50.2	58.1
EDUCATION							
< High School	252	67.4	59.3	75.5	61.3	49.4	73.2
High School	767	68.1	63.2	73.0	61.0	50.4	71.6
High School +	875	65.8	60.9	70.6	60.6	53.1	68.0
INCOME							
<\$15,000	271	67.5	58.4	76.6	65.0	53.4	76.5
\$15,000-24,999	368	71.8	64.9	78.8	67.4	54.9	79.8
\$25,000-34,999	244	66.1	57.4	74.8	57.4	47.0	67.7
\$35,000-49,999	290	70.8	63.1	78.5	66.5	54.3	78.7
\$50,000-74,999	207	63.7	54.9	72.5	55.2	42.8	67.6
\$75,000+	233	65.3	57.1	73.4	56.9	50.5	63.4

Definition: "Yes" to "Are you cutting down on salt to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.3 Reducing alcohol use to help lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,897	29.5	26.5	32.6	31.6	26.3	36.9
REGION							
Central	213	28.9	21.3	36.6	34.0	27.0	41.1
Kansas City Metro	321	35.2	28.9	41.5	34.1	23.8	44.3
Northeast	217	29.0	21.2	36.7	38.0	28.3	47.7
Northwest	246	29.1	21.7	36.4	32.8	19.4	46.1
Southeast	236	22.8	15.9	29.8	29.3	21.3	37.2
Southwest	234	23.4	16.7	30.1	25.7	14.0	37.5
St. Louis Metro	430	32.3	25.5	39.1	35.1	24.9	45.3
GENDER							
Female	1,187	24.5	21.0	28.0	29.9	23.5	36.3
Male	710	34.9	29.9	39.9	33.7	26.2	41.2
RACE							
African-American	206	43.4	32.3	54.6	48.8	37.3	60.2
Other	112	23.9	11.9	35.9	19.9	10.4	29.5
White	1,566	28.3	25.0	31.5	23.7	20.1	27.4
EDUCATION							
< High School	253	16.7	9.4	24.0	26.6	15.2	38.0
High School	766	30.0	25.4	34.7	31.9	21.7	42.2
High School +	872	32.5	27.8	37.3	31.5	25.2	37.9
INCOME							
<\$15,000	272	29.4	20.2	38.6	33.5	21.1	45.9
\$15,000-24,999	367	23.0	16.8	29.1	25.2	15.1	35.3
\$25,000-34,999	243	31.8	22.8	40.8	35.3	21.7	48.8
\$35,000-49,999	289	30.6	23.4	37.8	38.0	30.8	45.3
\$50,000-74,999	207	31.8	23.9	39.6	32.9	20.5	45.2
\$75,000+	232	42.2	33.1	51.2	33.3	23.5	43.2

Definition: "Yes" to "Are you reducing alcohol use to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.4 Exercising to help lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,900	67.7	64.5	70.9	66.7	61.0	72.4
REGION							
Central	213	71.0	63.2	78.9	65.6	58.6	72.7
Kansas City Metro	322	68.8	62.9	74.8	70.6	59.9	81.4
Northeast	217	71.4	64.4	78.4	70.3	60.5	80.1
Northwest	246	69.1	61.5	76.6	67.7	56.3	79.1
Southeast	236	61.3	53.5	69.0	53.2	40.5	65.9
Southwest	234	69.4	61.6	77.2	63.7	50.7	76.6
St. Louis Metro	432	66.6	59.6	73.6	64.9	55.4	74.4
GENDER							
Female	1,189	68.6	64.9	72.2	71.6	65.1	78.2
Male	711	66.7	61.5	72.0	63.1	54.8	71.4
RACE							
African-American	206	66.6	55.7	77.4	69.8	59.0	80.7
Other	113	73.7	62.5	84.9	73.6	62.4	84.8
White	1,568	67.3	63.9	70.8	54.1	50.0	58.2
EDUCATION							
< High School	253	63.0	54.2	71.8	59.7	48.3	71.1
High School	767	67.8	63.0	72.6	68.3	61.4	75.3
High School +	874	69.0	64.2	73.8	67.8	60.1	75.5
INCOME							
<\$15,000	272	63.6	54.4	72.8	60.1	46.9	73.3
\$15,000-24,999	368	63.1	55.4	70.8	54.7	42.7	66.7
\$25,000-34,999	243	71.9	63.5	80.3	67.5	52.9	82.1
\$35,000-49,999	290	64.7	56.5	72.9	66.1	54.1	78.2
\$50,000-74,999	207	70.1	61.7	78.6	77.8	70.7	84.9
\$75,000+	233	75.5	67.7	83.4	60.2	50.3	70.0

Definition: "Yes" to "Are you exercising to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.5 Advised by a doctor to change eating habits to lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,894	59.3	56.1	62.6	60.7	54.3	67.1
REGION							
Central	214	49.5	40.9	58.0	51.9	41.7	62.0
Kansas City Metro	320	63.7	57.6	69.8	73.1	64.8	81.5
Northeast	216	57.2	49.3	65.0	72.0	65.7	78.3
Northwest	246	60.2	52.6	67.8	71.1	63.9	78.4
Southeast	233	63.2	55.9	70.6	71.5	61.3	81.6
Southwest	234	59.5	51.5	67.4	57.3	44.3	70.4
St. Louis Metro	431	59.0	51.8	66.2	55.3	44.6	66.0
GENDER							
Female	1,186	57.0	52.9	61.1	59.7	51.9	67.4
Male	708	61.8	56.7	67.0	61.6	53.2	70.0
RACE							
African-American	204	68.8	58.1	79.6	74.5	64.3	84.7
Other	110	66.6	55.6	77.6	62.7	50.2	75.1
White	1,567	57.5	53.9	61.1	46.9	42.7	51.0
EDUCATION							
< High School	253	63.5	54.8	72.1	83.2	78.5	87.8
High School	762	57.4	52.3	62.5	55.8	45.2	66.4
High School +	873	59.6	54.7	64.6	59.8	51.2	68.5
INCOME							
<\$15,000	271	60.6	51.5	69.7	61.6	49.3	74.0
\$15,000-24,999	367	62.3	55.3	69.4	69.3	58.6	79.9
\$25,000-34,999	243	52.3	43.3	61.3	48.6	39.0	58.3
\$35,000-49,999	289	60.1	51.9	68.4	64.7	55.4	74.0
\$50,000-74,999	205	68.7	60.3	77.1	62.9	52.4	73.4
\$75,000+	233	62.1	53.5	70.7	55.2	48.3	62.1

Definition: "Yes" to "Has a doctor or other health care professional ever advised you to change your eating habits to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.6 Advised by a doctor to cut down on salt to lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,892	60.8	57.5	64.1	58.0	51.6	64.5
REGION							
Central	212	51.1	42.5	59.7	50.1	40.3	59.9
Kansas City Metro	320	65.0	58.8	71.2	54.8	43.9	65.7
Northeast	216	66.7	59.5	73.9	69.8	59.7	79.9
Northwest	246	56.4	48.1	64.7	58.8	46.7	70.8
Southeast	234	62.0	54.4	69.7	65.9	55.5	76.2
Southwest	233	63.4	55.3	71.6	67.6	57.6	77.5
St. Louis Metro	431	59.6	52.3	66.8	54.7	43.9	65.6
GENDER							
Female	1,182	62.2	58.1	66.3	58.3	50.4	66.3
Male	710	59.3	54.0	64.6	57.4	49.0	65.7
RACE							
African-American	205	76.9	67.6	86.2	78.7	68.5	88.9
Other	112	42.5	29.9	55.1	43.0	30.4	55.7
White	1,562	60.0	56.3	63.6	47.6	43.5	51.7
EDUCATION							
< High School	253	70.1	62.6	77.6	81.1	74.3	88.0
High School	763	61.2	56.1	66.3	56.3	45.6	66.9
High School +	870	57.8	52.8	62.9	53.6	45.4	61.8
INCOME							
<\$15,000	271	74.4	67.2	81.6	80.9	73.6	88.2
\$15,000-24,999	367	66.7	59.5	73.8	66.9	57.6	76.2
\$25,000-34,999	244	61.3	52.2	70.3	50.2	40.9	59.4
\$35,000-49,999	288	55.2	46.7	63.6	57.3	48.5	66.0
\$50,000-74,999	206	60.5	51.5	69.5	54.7	42.1	67.3
\$75,000+	232	60.5	51.8	69.3	50.1	40.0	60.1

Definition: "Yes" to "Has a doctor or other health care professional ever advised you to cut down on salt to help lower or control your high blood pressure?"

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Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.7 Advised by a doctor to reduce alcohol use to lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,895	22.8	20.0	25.7	27.6	21.9	33.2
REGION							
Central	213	20.5	12.4	28.5	32.3	22.0	42.6
Kansas City Metro	322	25.3	19.2	31.3	28.3	18.6	38.0
Northeast	215	24.3	17.1	31.5	40.3	29.7	50.9
Northwest	246	23.8	16.4	31.3	29.5	15.6	43.3
Southeast	234	23.6	16.1	31.1	38.4	26.8	49.9
Southwest	234	20.5	14.5	26.6	33.6	25.8	41.4
St. Louis Metro	431	22.8	16.8	28.9	25.5	16.1	34.9
GENDER							
Female	1,187	17.3	14.3	20.4	23.6	16.0	31.2
Male	708	28.7	23.8	33.5	31.3	23.5	39.0
RACE							
African-American	205	42.1	30.9	53.3	53.6	42.7	64.5
Other	113	15.3	5.4	25.2	17.7	7.8	27.7
White	1,564	20.9	18.0	23.8	17.1	14.0	20.3
EDUCATION							
< High School	253	22.0	14.3	29.7	44.1	30.6	57.6
High School	764	26.1	21.5	30.8	26.8	17.1	36.4
High School +	872	20.2	16.1	24.3	25.3	17.9	32.7
INCOME							
<\$15,000	271	27.4	19.4	35.4	37.7	28.4	47.0
\$15,000-24,999	367	27.5	20.1	34.8	39.3	28.3	50.2
\$25,000-34,999	244	23.2	14.7	31.6	14.0	8.3	19.7
\$35,000-49,999	290	23.9	16.9	30.9	31.0	19.2	42.8
\$50,000-74,999	206	20.1	13.7	26.6	21.2	10.9	31.6
\$75,000+	232	22.0	13.8	30.2	22.6	13.5	31.8

Definition: "Yes" to "Has a doctor or other health care professional ever advised you to reduce alcohol use to help lower or control your high blood pressure?"

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Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.8 Advised by a doctor to exercise to lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,891	74.8	72.0	77.7	75.1	69.5	80.8
REGION							
Central	211	73.9	66.4	81.4	75.8	65.7	86.0
Kansas City Metro	320	78.5	73.2	83.8	84.4	79.1	89.6
Northeast	216	75.3	68.9	81.6	82.5	76.7	88.2
Northwest	245	70.3	62.4	78.2	71.2	59.9	82.5
Southeast	234	71.2	64.3	78.2	76.6	66.5	86.7
Southwest	234	77.7	71.1	84.4	79.3	70.1	88.5
St. Louis Metro	431	73.4	67.1	79.7	71.6	60.6	82.7
GENDER							
Female	1,181	74.3	70.8	77.7	80.2	75.4	85.0
Male	710	75.4	70.8	80.1	71.8	63.7	79.8
RACE							
African-American	205	83.0	76.5	89.5	87.3	81.7	92.9
Other	112	70.0	58.3	81.6	69.1	56.8	81.5
White	1,561	74.3	71.1	77.5	60.6	56.8	64.4
EDUCATION							
< High School	253	75.5	68.7	82.3	87.2	82.6	91.7
High School	764	73.3	68.5	78.0	65.6	55.1	76.1
High School +	868	76.1	72.0	80.3	78.2	71.8	84.7
INCOME							
<\$15,000	271	64.4	55.1	73.7	66.6	55.5	77.8
\$15,000-24,999	367	74.0	68.2	79.7	81.1	74.7	87.5
\$25,000-34,999	243	69.0	60.1	77.9	60.3	46.7	73.8
\$35,000-49,999	289	75.5	67.8	83.2	77.5	69.0	86.1
\$50,000-74,999	206	79.9	72.1	87.6	67.4	55.8	79.1
\$75,000+	233	80.0	72.9	87.0	68.6	63.5	73.7

Definition: "Yes" to "Has a doctor or other health care professional ever advised you to exercise to help lower or control your high blood pressure?"

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Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.9 Advised by a doctor to take medication to lower or control HBP

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,897	88.1	85.4	90.8	76.8	70.5	83.0
REGION							
Central	213	85.0	77.1	92.9	77.6	69.0	86.1
Kansas City Metro	322	90.7	86.2	95.2	74.1	64.1	84.1
Northeast	216	83.5	77.1	89.8	67.7	58.0	77.4
Northwest	246	87.6	79.6	95.6	75.1	60.9	89.4
Southeast	234	91.3	85.4	97.1	78.8	71.3	86.3
Southwest	234	87.4	80.3	94.6	71.9	62.4	81.4
St. Louis Metro	432	87.7	81.9	93.5	75.1	64.0	86.2
GENDER							
Female	1,187	94.0	91.9	96.2	86.4	77.9	94.9
Male	710	81.8	77.0	86.7	68.8	60.9	76.7
RACE							
African-American	205	91.5	85.2	97.8	88.8	81.2	96.4
Other	113	79.5	67.9	91.1	67.0	53.7	80.3
White	1,566	88.4	85.4	91.4	70.3	66.5	74.1
EDUCATION							
< High School	253	95.3	91.1	99.6	85.3	83.8	86.8
High School	765	87.5	83.4	91.5	73.8	63.5	84.0
High School +	873	86.7	82.4	91.1	76.3	68.2	84.4
INCOME							
<\$15,000	271	91.1	85.8	96.4	79.5	73.3	85.6
\$15,000-24,999	368	87.2	80.6	93.8	75.7	64.4	87.0
\$25,000-34,999	244	90.6	83.8	97.4	68.2	54.8	81.7
\$35,000-49,999	290	84.2	76.4	91.9	67.8	58.5	77.1
\$50,000-74,999	206	83.9	76.0	91.8	66.9	55.0	78.9
\$75,000+	233	90.8	84.6	97.1	77.3	73.0	81.6

Definition: "Yes" to "Has a doctor or other health care professional ever advised you to take medication to help lower or control your high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 14 Actions to Control High Blood Pressure (HBP)

Table 14.10 Told had HBP on two or more visits to a doctor

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,856	23.1	21.5	24.7	22.2	20.8	23.6
REGION							
Central	550	21.8	17.9	25.6	22.0	18.5	25.5
Kansas City Metro	916	23.3	20.2	26.3	22.4	19.8	25.0
Northeast	571	23.8	19.6	27.9	21.7	18.3	25.1
Northwest	582	22.9	19.0	26.8	23.5	19.9	27.1
Southeast	534	26.7	22.5	30.9	24.1	20.5	27.8
Southwest	540	25.5	21.4	29.6	23.7	20.3	27.1
St. Louis Metro	1,163	21.4	18.2	24.6	20.6	17.7	23.4
GENDER							
Female	3,013	23.5	21.6	25.4	21.6	19.9	23.3
Male	1,843	22.7	20.1	25.2	22.7	20.4	25.0
RACE							
African-American	408	33.2	26.6	39.8	33.4	27.4	39.4
Other	289	18.0	12.9	23.0	20.4	15.7	25.0
White	4,122	22.6	20.9	24.3	21.3	19.8	22.8
EDUCATION							
< High School	503	29.4	23.7	35.2	29.2	23.4	35.1
High School	1,693	28.2	25.2	31.1	25.0	22.4	27.6
High School +	2,652	19.1	17.2	21.0	19.8	18.0	21.6
INCOME							
<\$15,000	516	33.5	27.1	39.9	34.5	28.9	40.0
\$15,000-24,999	813	26.4	22.1	30.6	24.8	20.5	29.1
\$25,000-34,999	577	28.4	23.4	33.3	23.1	18.8	27.3
\$35,000-49,999	726	24.3	20.0	28.6	25.3	21.4	29.2
\$50,000-74,999	676	18.2	14.7	21.6	18.4	15.4	21.4
\$75,000+	881	18.2	14.9	21.4	18.0	15.0	20.9

Definition: "Yes" to "Were you told on two or more different visits to a doctor or other health care professional that you had high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 15 Cholesterol Awareness

Table 15.1 Ever had blood cholesterol checked

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,950	78.4	76.2	80.6	76.2	74.2	78.1
REGION							
Central	557	75.8	69.8	81.7	75.6	70.6	80.5
Kansas City Metro	931	83.8	80.1	87.6	80.7	76.8	84.6
Northeast	578	74.0	67.6	80.5	71.2	65.9	76.4
Northwest	595	79.7	73.9	85.6	76.3	72.1	80.4
Southeast	547	79.1	73.7	84.5	76.8	72.2	81.4
Southwest	542	73.4	67.8	79.0	70.4	65.5	75.3
St. Louis Metro	1,200	78.5	74.0	83.1	76.3	72.4	80.3
GENDER							
Female	3,063	81.3	78.7	83.9	78.3	75.9	80.8
Male	1,887	75.2	71.7	78.8	74.0	71.0	77.0
RACE							
African-American	427	80.1	74.2	86.0	78.3	72.2	84.5
Other	301	71.7	63.3	80.1	72.8	66.3	79.3
White	4,185	78.8	76.4	81.2	76.3	74.1	78.5
EDUCATION							
< High School	515	61.5	53.6	69.4	59.3	52.8	65.8
High School	1,730	76.1	72.3	79.9	71.4	67.8	74.9
High School +	2,696	82.5	79.8	85.2	81.3	78.6	83.9
INCOME							
<\$15,000	535	73.6	66.5	80.8	72.8	66.2	79.4
\$15,000-24,999	836	69.2	63.3	75.1	67.5	63.0	72.0
\$25,000-34,999	588	77.3	71.2	83.3	71.2	64.7	77.6
\$35,000-49,999	731	79.0	72.6	85.4	75.9	71.6	80.2
\$50,000-74,999	685	79.7	74.4	85.0	77.9	73.4	82.4
\$75,000+	898	87.6	83.8	91.3	84.6	79.4	89.7

Definition: "Yes" response to the question "Blood cholesterol is a fatty substance found in the blood. Have you EVER had your blood cholesterol checked?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 15 Cholesterol Awareness

Table 15.2.1 Had blood cholesterol checked within past year

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,321	71.2	69.1	73.4	67.9	64.7	71.1
REGION							
Central	486	68.7	62.9	74.5	64.4	56.8	71.9
Kansas City Metro	837	74.3	70.4	78.1	69.9	63.3	76.5
Northeast	492	70.2	65.0	75.3	65.8	58.3	73.3
Northwest	523	72.0	66.2	77.7	67.5	58.5	76.4
Southeast	481	74.1	69.0	79.2	69.5	61.6	77.4
Southwest	454	72.7	67.2	78.1	62.4	57.0	67.7
St. Louis Metro	1,048	69.0	64.6	73.4	67.4	61.8	72.9
GENDER							
Female	2,722	71.1	68.6	73.7	69.5	66.0	73.0
Male	1,599	71.4	67.9	74.8	67.1	62.3	71.9
RACE							
African-American	364	87.2	82.8	91.5	88.7	84.6	92.8
Other	246	69.9	61.4	78.5	69.2	59.0	79.3
White	3,680	69.7	67.3	72.0	65.3	61.7	68.9
EDUCATION							
< High School	401	78.9	72.9	84.9	69.3	58.9	79.7
High School	1,495	73.8	70.4	77.2	68.8	61.7	76.0
High School +	2,418	68.9	66.0	71.8	67.6	63.9	71.4
INCOME							
<\$15,000	453	81.6	76.3	87.0	79.5	73.7	85.2
\$15,000-24,999	681	69.0	63.5	74.5	58.8	51.8	65.8
\$25,000-34,999	515	77.5	72.3	82.7	71.0	62.2	79.8
\$35,000-49,999	650	69.9	64.2	75.5	70.3	64.1	76.5
\$50,000-74,999	602	64.6	58.9	70.4	63.0	55.3	70.7
\$75,000+	832	70.0	65.6	74.3	68.0	61.0	75.1

Definition: "Yes" response to the question "Have you EVER had your blood cholesterol checked?" AND "Within past year (anytime less than 12 months)" response to "About how long has it been since you last had your blood cholesterol checked?"

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Table 15.2.2 Had blood cholesterol checked more than 1 year but less than 2 years ago
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,321	11.5	10.0	13.0	12.8	10.4	15.3
REGION							
Central	486	10.8	6.8	14.8	12.7	5.9	19.5
Kansas City Metro	837	10.9	8.3	13.5	11.1	7.5	14.8
Northeast	492	11.5	8.1	14.8	11.6	7.7	15.5
Northwest	523	12.3	7.9	16.7	18.5	10.1	26.8
Southeast	481	10.9	7.3	14.5	12.2	7.3	17.1
Southwest	454	10.4	6.9	13.8	10.0	6.3	13.8
St. Louis Metro	1,048	12.6	9.3	15.8	14.3	9.6	19.0
GENDER							
Female	2,722	11.7	9.9	13.4	11.5	9.6	13.5
Male	1,599	11.3	8.8	13.8	13.7	9.7	17.7
RACE							
African-American	364	7.0	3.7	10.3	6.2	2.9	9.5
Other	246	12.3	6.2	18.5	12.5	6.6	18.3
White	3,680	11.9	10.2	13.6	13.8	10.9	16.7
EDUCATION							
< High School	401	7.7	3.2	12.2	15.4	6.9	23.9
High School	1,495	10.8	8.5	13.2	13.0	7.4	18.5
High School +	2,418	12.3	10.3	14.4	12.6	9.9	15.3
INCOME							
<\$15,000	453	4.9	2.4	7.4	5.7	2.3	9.0
\$15,000-24,999	681	9.7	6.2	13.2	9.3	5.6	13.0
\$25,000-34,999	515	8.6	5.7	11.6	10.7	5.4	16.0
\$35,000-49,999	650	12.2	8.5	15.9	13.5	8.3	18.6
\$50,000-74,999	602	16.5	11.5	21.5	17.9	10.4	25.4
\$75,000+	832	12.9	9.8	16.1	15.7	9.2	22.2

Definition: "Yes" response to the question "Have you EVER had your blood cholesterol checked?" AND "Within past 2 years (1 year but less than 2 years)" response to "About how long has it been since you last had your blood cholesterol checked?"

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Table 15.2.3 Had blood cholesterol checked more than 2 years but less than 5 years ago
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,321	10.8	9.3	12.2	12.3	10.0	14.6
REGION							
Central	486	13.5	9.2	17.8	14.3	8.7	19.9
Kansas City Metro	837	9.2	6.4	12.0	12.8	6.7	18.9
Northeast	492	12.3	8.2	16.4	16.4	9.2	23.5
Northwest	523	11.9	7.5	16.3	10.7	6.7	14.6
Southeast	481	9.0	5.3	12.7	12.0	5.0	18.9
Southwest	454	11.4	7.2	15.7	18.2	8.7	27.6
St. Louis Metro	1,048	10.7	7.8	13.6	11.5	8.0	14.9
GENDER							
Female	2,722	10.9	9.1	12.8	12.2	9.7	14.7
Male	1,599	10.5	8.1	12.9	12.1	8.4	15.9
RACE							
African-American	364	4.8	2.0	7.6	4.3	1.9	6.8
Other	246	11.3	5.5	17.0	12.2	4.1	20.3
White	3,680	11.3	9.6	13.0	13.2	10.5	15.9
EDUCATION							
< High School	401	9.0	5.0	13.0	11.7	5.8	17.7
High School	1,495	10.2	7.9	12.4	11.4	7.6	15.1
High School +	2,418	11.3	9.2	13.4	12.5	9.6	15.4
INCOME							
<\$15,000	453	10.3	6.0	14.6	12.1	6.9	17.3
\$15,000-24,999	681	13.8	9.8	17.8	22.7	16.5	28.9
\$25,000-34,999	515	7.7	4.5	10.9	10.6	4.7	16.5
\$35,000-49,999	650	11.6	7.1	16.0	10.6	6.8	14.5
\$50,000-74,999	602	9.2	5.9	12.5	8.5	5.2	11.8
\$75,000+	832	11.5	8.4	14.6	12.3	6.9	17.6

Definition: "Yes" response to the question "Have you EVER had your blood cholesterol checked?" AND "Within past 5 years (2 years but less than 5 years)" response to "About how long has it been since you last had your blood cholesterol checked?"

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Table 15.2.4 Had blood cholesterol checked 5 or more years ago
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,321	6.0	4.8	7.2	6.5	4.8	8.2
REGION							
Central	486	6.1	2.7	9.6	7.9	1.8	14.0
Kansas City Metro	837	5.1	3.2	7.0	5.7	2.7	8.7
Northeast	492	5.8	3.3	8.3	6.0	3.0	9.1
Northwest	523	3.5	1.6	5.3	3.1	1.4	4.9
Southeast	481	5.6	3.1	8.1	5.9	3.0	8.8
Southwest	454	4.8	2.2	7.5	9.0	0.1	17.8
St. Louis Metro	1,048	7.4	4.7	10.1	6.6	4.2	9.1
GENDER							
Female	2,722	5.9	4.4	7.4	6.5	4.3	8.7
Male	1,599	6.2	4.2	8.1	6.6	4.0	9.1
RACE							
African-American	364	0.5	-0.2	1.1	0.3	-0.2	0.7
Other	246	5.8	1.3	10.3	5.6	0.9	10.3
White	3,680	6.6	5.2	8.0	7.3	5.3	9.3
EDUCATION							
< High School	401	2.0	0.6	3.4	2.6	0.6	4.7
High School	1,495	4.7	2.9	6.6	6.5	1.4	11.6
High School +	2,418	7.2	5.5	8.9	7.1	5.2	8.9
INCOME							
<\$15,000	453	2.7	0.7	4.7	2.4	0.5	4.2
\$15,000-24,999	681	6.5	3.0	9.9	8.5	3.6	13.5
\$25,000-34,999	515	5.2	1.7	8.7	7.0	1.2	12.7
\$35,000-49,999	650	5.8	2.6	8.9	5.2	2.3	8.1
\$50,000-74,999	602	9.7	5.9	13.5	10.7	5.7	15.6
\$75,000+	832	5.5	3.1	7.8	3.9	2.3	5.6

Definition: "Yes" response to the question "Have you EVER had your blood cholesterol checked?" AND "5 or more years ago" response to "About how long has it been since you last had your blood cholesterol checked?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 15 Cholesterol Awareness

**Table 15.3 Ever been told by a health professional blood cholesterol is high
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)**

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,307	38.2	36.1	40.2	32.4	30.4	34.3
REGION							
Central	483	39.5	34.1	45.0	33.8	28.8	38.8
Kansas City Metro	832	41.6	37.5	45.8	36.1	32.3	39.8
Northeast	492	38.2	33.1	43.3	31.5	26.8	36.1
Northwest	522	40.6	34.9	46.2	42.5	33.8	51.1
Southeast	479	39.4	34.2	44.6	31.4	26.9	36.0
Southwest	454	37.8	32.3	43.2	30.6	25.5	35.6
St. Louis Metro	1,045	35.3	31.1	39.5	29.6	25.7	33.5
GENDER							
Female	2,716	37.1	34.6	39.6	31.1	28.7	33.5
Male	1,591	39.4	35.9	42.8	33.8	30.6	37.1
RACE							
African-American	364	35.1	27.9	42.4	32.9	25.1	40.6
Other	242	36.7	28.1	45.3	32.1	25.7	38.5
White	3,670	38.5	36.3	40.8	32.3	30.2	34.5
EDUCATION							
< High School	398	50.5	43.2	57.8	40.3	32.4	48.3
High School	1,493	44.1	40.4	47.8	35.7	31.7	39.6
High School +	2,409	33.5	30.9	36.2	30.1	27.7	32.5
INCOME							
<\$15,000	449	44.9	36.9	52.8	42.0	35.8	48.1
\$15,000-24,999	677	40.6	35.3	46.0	34.1	27.9	40.2
\$25,000-34,999	515	41.3	35.3	47.2	29.3	24.0	34.7
\$35,000-49,999	650	34.5	29.3	39.6	30.2	25.0	35.3
\$50,000-74,999	600	38.1	32.7	43.6	31.6	27.0	36.1
\$75,000+	831	34.4	30.1	38.7	31.8	27.8	35.8

Definition: "Yes" response to the question "Have you EVER had your blood cholesterol checked" AND "Yes" response to "Have you ever been told that your blood cholesterol is high?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 16 Cardiovascular Disease Prevalence

Table 16.1 Ever been told by a health professional had a heart attack or myocardial infarction

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	5,037	4.4	3.8	5.0	4.0	3.5	4.6
REGION							
Central	563	5.6	3.8	7.4	5.5	3.8	7.3
Kansas City Metro	954	4.3	3.0	5.6	4.0	2.8	5.2
Northeast	587	4.5	2.9	6.2	3.9	2.5	5.3
Northwest	604	5.2	3.6	6.9	4.8	3.4	6.3
Southeast	551	7.0	4.4	9.5	6.2	3.9	8.5
Southwest	555	4.3	2.8	5.8	3.9	2.5	5.4
St. Louis Metro	1,223	3.3	2.2	4.3	3.2	2.2	4.1
GENDER							
Female	3,120	3.1	2.5	3.7	2.7	2.2	3.2
Male	1,917	5.8	4.6	6.9	5.7	4.7	6.7
RACE							
African-American	437	2.8	1.2	4.3	2.9	1.3	4.5
Other	303	4.3	2.1	6.6	4.7	2.2	7.2
White	4,258	4.5	3.8	5.2	4.1	3.5	4.7
EDUCATION							
< High School	527	10.4	7.3	13.5	9.3	5.9	12.8
High School	1,762	5.2	4.0	6.4	4.2	3.2	5.2
High School +	2,739	2.8	2.2	3.5	3.1	2.4	3.7
INCOME							
<\$15,000	541	8.5	5.5	11.4	7.5	5.1	10.0
\$15,000-24,999	850	7.7	5.8	9.6	6.2	4.5	7.9
\$25,000-34,999	599	6.5	4.0	8.9	4.5	2.8	6.3
\$35,000-49,999	747	3.7	2.3	5.2	3.8	2.3	5.2
\$50,000-74,999	693	1.5	0.6	2.4	1.7	0.6	2.9
\$75,000+	904	2.0	1.0	3.0	2.5	1.2	3.9

Definition: "Yes" response to the question "Has a doctor, nurse or other health professional EVER told you that you had a heart attack, also called a myocardial infarction?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 16 Cardiovascular Disease Prevalence

Table 16.2 Ever been told by a health professional had angina or coronary heart disease

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,012	4.0	3.4	4.6	3.8	3.2	4.3
REGION							
Central	555	4.3	2.6	6.0	4.1	2.6	5.7
Kansas City Metro	950	3.3	2.3	4.3	3.1	2.2	4.0
Northeast	584	3.5	2.1	4.8	3.0	1.9	4.1
Northwest	601	5.2	3.6	6.8	4.9	3.5	6.4
Southeast	553	7.7	5.1	10.4	7.1	4.4	9.8
Southwest	549	4.5	2.9	6.0	4.1	2.6	5.6
St. Louis Metro	1,220	3.1	2.0	4.2	3.0	2.0	4.0
GENDER							
Female	3,104	3.3	2.7	3.9	2.8	2.3	3.4
Male	1,908	4.8	3.8	5.9	4.9	3.9	5.9
RACE							
African-American	438	2.5	0.9	4.0	2.5	1.0	4.0
Other	303	5.1	2.5	7.7	5.5	2.6	8.4
White	4,232	4.1	3.4	4.7	3.7	3.1	4.3
EDUCATION							
< High School	525	8.4	5.5	11.4	7.7	4.0	11.5
High School	1,753	4.4	3.3	5.5	3.5	2.6	4.4
High School +	2,725	3.0	2.4	3.7	3.2	2.6	3.9
INCOME							
<\$15,000	542	5.8	3.6	8.1	5.5	3.5	7.5
\$15,000-24,999	843	6.3	4.4	8.1	5.5	3.5	7.6
\$25,000-34,999	594	5.9	3.6	8.1	3.9	2.5	5.2
\$35,000-49,999	742	3.7	2.3	5.1	3.6	2.4	4.8
\$50,000-74,999	693	1.8	0.8	2.7	2.2	0.9	3.5
\$75,000+	901	2.5	1.4	3.6	3.3	1.8	4.7

Definition: "Yes" response to the question "Has a doctor, nurse or other health professional EVER told you that you had angina or coronary heart disease?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 16 Cardiovascular Disease Prevalence

Table 16.3 Ever been told by a health professional had a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,043	3.0	2.5	3.5	2.8	2.4	3.3
REGION							
Central	565	3.3	1.9	4.7	3.3	1.9	4.7
Kansas City Metro	951	3.0	2.0	4.0	2.8	1.9	3.7
Northeast	588	4.2	2.2	6.1	3.5	2.0	5.0
Northwest	606	3.1	1.9	4.4	3.0	1.7	4.3
Southeast	558	4.4	2.8	6.1	3.7	2.3	5.2
Southwest	553	3.5	2.1	4.9	3.1	1.9	4.3
St. Louis Metro	1,222	2.3	1.4	3.2	2.3	1.4	3.2
GENDER							
Female	3,125	2.8	2.2	3.4	2.5	1.9	3.0
Male	1,918	3.3	2.5	4.1	3.3	2.5	4.1
RACE							
African-American	438	2.7	1.0	4.3	2.7	1.0	4.3
Other	305	2.7	1.1	4.3	3.0	1.4	4.7
White	4,261	3.1	2.6	3.7	2.8	2.3	3.4
EDUCATION							
< High School	532	7.9	5.0	10.8	7.8	3.9	11.6
High School	1,766	3.3	2.5	4.2	2.8	2.0	3.6
High School +	2,736	2.1	1.5	2.6	2.3	1.7	2.8
INCOME							
<\$15,000	550	7.4	5.0	9.8	7.2	4.7	9.8
\$15,000-24,999	849	4.7	3.1	6.4	4.1	2.3	5.9
\$25,000-34,999	598	5.9	3.6	8.2	4.5	2.6	6.5
\$35,000-49,999	746	2.8	1.5	4.1	2.9	1.7	4.2
\$50,000-74,999	692	1.9	0.8	2.9	2.4	1.0	3.8
\$75,000+	905	0.2	0.0	0.4	0.4	0.0	0.7

Definition: "Yes" response to the question "Has a doctor, nurse or other health professional EVER told you that you had a stroke?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 17 Cardiovascular Health

Table 17.1 Went to outpatient rehabilitation after had heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	321	41.1	33.6	48.6	36.4	25.4	47.3
REGION							
Central	42	--	--	--	--	--	--
Kansas City Metro	54	43.5	26.8	60.3	--	--	--
Northeast	32	--	--	--	--	--	--
Northwest	49	--	--	--	--	--	--
Southeast	40	--	--	--	--	--	--
Southwest	37	--	--	--	--	--	--
St. Louis Metro	67	49.7	32.0	67.5	--	--	--
GENDER							
Female	164	30.9	22.1	39.6	40.7	27.0	54.5
Male	157	47.1	36.7	57.5	22.5	14.2	30.9
RACE							
African-American	24	--	--	--	--	--	--
Other	21	--	--	--	--	--	--
White	273	42.8	34.5	51.1	--	--	--
EDUCATION							
< High School	65	28.5	14.4	42.5	37.9	15.6	60.3
High School	139	38.3	25.9	50.7	53.7	35.0	72.5
High School +	116	52.8	40.8	64.7	--	--	--
INCOME							
<\$15,000	67	27.4	8.9	45.9	36.9	26.0	47.7
\$15,000-24,999	89	29.0	18.5	39.6	44.6	35.2	54.0
\$25,000-34,999	40	--	--	--	--	--	--
\$35,000-49,999	40	--	--	--	--	--	--
\$50,000-74,999	16	--	--	--	--	--	--
\$75,000+	23	--	--	--	--	--	--

Definition: "Yes" response to "Has a doctor, nurse or other health professional ever told you had a heart attack, also called a myocardial infarction?" AND "Yes" response to "After you left the hospital following your heart attack did you go to any kind of outpatient rehabilitation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 17 Cardiovascular Health

Table 17.2 Went to outpatient rehabilitation after had a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	246	32.1	24.1	40.0	24.0	14.6	33.5
REGION							
Central	29	--	--	--	--	--	--
Kansas City Metro	43	--	--	--	--	--	--
Northeast	30	--	--	--	--	--	--
Northwest	34	--	--	--	--	--	--
Southeast	37	--	--	--	--	--	--
Southwest	31	--	--	--	--	--	--
St. Louis Metro	42	--	--	--	--	--	--
GENDER							
Female	153	35.1	25.5	44.8	26.6	16.6	36.7
Male	93	29.3	17.2	41.4	8.3	4.7	11.9
RACE							
African-American	16	--	--	--	--	--	--
Other	14	--	--	--	--	--	--
White	215	29.5	21.2	37.8	--	--	--
EDUCATION							
< High School	52	37.6	19.5	55.7	--	--	--
High School	94	28.8	16.8	40.8	--	--	--
High School +	100	31.6	19.2	44.0	--	--	--
INCOME							
<\$15,000	65	31.1	25.1	37.1	--	--	--
\$15,000-24,999	56	40.4	26.9	53.9	--	--	--
\$25,000-34,999	39	--	--	--	--	--	--
\$35,000-49,999	30	--	--	--	--	--	--
\$50,000-74,999	15	--	--	--	--	--	--
\$75,000+	5	--	--	--	--	--	--

Definition: "Yes" response to "Has a doctor, nurse or other health professional ever told you had a stroke?" AND "Yes" response to "After you left the hospital following your stroke did you go to any kind of outpatient rehabilitation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 17 Cardiovascular Health

Table 17.3 Take aspirin daily or every other day

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,644	25.8	24.1	27.5	23.7	22.2	25.2
REGION							
Central	528	25.6	21.5	29.7	24.2	21.1	27.3
Kansas City Metro	877	24.7	21.3	28.0	23.2	19.7	26.6
Northeast	544	28.2	23.9	32.6	24.3	20.6	27.9
Northwest	558	28.3	23.9	32.7	26.8	23.3	30.3
Southeast	517	29.4	24.9	34.0	27.1	22.8	31.5
Southwest	521	26.2	21.7	30.7	25.5	20.3	30.6
St. Louis Metro	1,099	24.7	21.3	28.1	22.5	19.8	25.2
GENDER							
Female	2,898	24.2	22.2	26.2	21.4	19.6	23.1
Male	1,746	27.6	24.8	30.3	26.4	24.0	28.8
RACE							
African-American	380	22.9	17.6	28.3	22.4	17.2	27.5
Other	267	20.4	14.3	26.6	21.3	16.2	26.4
White	3,965	26.5	24.6	28.3	24.0	22.4	25.7
EDUCATION							
< High School	476	32.5	26.0	39.1	29.5	23.0	35.9
High School	1,601	31.0	27.8	34.2	26.9	23.9	29.9
High School +	2,561	21.8	19.8	23.8	21.9	20.2	23.7
INCOME							
<\$15,000	493	30.1	23.8	36.4	30.1	24.5	35.7
\$15,000-24,999	778	30.4	25.9	35.0	26.4	21.8	31.0
\$25,000-34,999	559	30.9	25.8	36.0	22.2	18.7	25.8
\$35,000-49,999	702	25.3	21.1	29.5	25.4	21.9	28.9
\$50,000-74,999	654	20.6	16.8	24.5	21.4	18.3	24.6
\$75,000+	847	20.7	17.4	24.0	21.3	18.7	23.9

Definition: Among respondents age 35 and older, "Yes" response to "Do you take aspirin daily or every other day?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 17 Cardiovascular Health

Table 17.4 Do not take aspirin daily or every other day because of stomach or other health problem

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		Prevalence			Age-adjusted Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2973	11.8	10.1	13.4	12.8	11.3	14.4
REGION							
Central	327	14.2	9.4	18.9	15.4	10.8	19.9
Kansas City Metro	602	10.5	7.9	13.2	11.5	8.9	14.0
Northeast	344	8.5	5.7	11.2	8.8	6.3	11.4
Northwest	325	13.5	9.4	17.6	16.4	12.4	20.4
Southeast	326	10.8	7.2	14.4	11.1	7.8	14.5
Southwest	333	11.4	7.8	15.1	12.1	8.9	15.2
St. Louis Metro	422	12.9	8.6	17.1	13.7	9.6	17.8
GENDER							
Female	1905	14.2	12.0	16.3	14.8	12.8	16.8
Male	1068	9.0	6.5	11.5	10.0	7.7	12.4
RACE							
African-American	245	10.3	5.5	15.1	11.2	6.1	16.2
Other	191	14.5	7.9	21.2	18.2	11.1	25.2
White	2520	11.6	9.9	13.4	12.7	11.0	14.4
EDUCATION							
< High School	278	18.9	12.0	25.8	19.4	12.4	26.4
High School	960	13.5	10.2	16.7	13.3	10.4	16.3
High School +	1731	9.9	8.1	11.8	11.1	9.3	13.0
INCOME							
<\$15,000	288	13.5	9.2	17.8	15.8	12.0	19.6
\$15,000-24,999	469	16.6	12.1	21.1	16.6	12.2	20.9
\$25,000-34,999	345	13.2	8.8	17.5	12.7	8.8	16.5
\$35,000-49,999	439	13.8	8.1	19.4	12.5	8.1	16.9
\$50,000-74,999	475	10.1	6.3	13.8	12.4	8.1	16.7
\$75,000+	605	8.6	5.7	11.5	12.5	8.8	16.2

Definition: Among respondents age 35 and older: “No“ response to “Do you take aspirin daily or every other day?“ AND “Yes, not stomach related“ AND “Yes, stomach problems“ to “Do you have a health problem or condition that makes taking aspirin unsafe for you?“ If yes, “Is this a stomach condition?“

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009
Chapter 18 Heart Attack and Stroke Signs and Symptoms
Table 18.1 Know pain or discomfort in the jaw, neck or back are symptoms of a heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,995	69.4	67.1	71.8	67.7	65.1	70.2
REGION							
Central	455	67.7	61.2	74.3	66.6	60.4	72.9
Kansas City Metro	766	69.0	64.6	73.5	68.5	63.5	73.6
Northeast	458	74.1	68.3	80.0	71.7	65.5	77.9
Northwest	482	70.4	63.9	76.8	71.1	64.3	77.8
Southeast	447	72.9	67.2	78.7	71.5	65.1	77.8
Southwest	458	73.2	67.4	79.0	70.4	63.3	77.5
St. Louis Metro	929	66.9	62.0	71.9	64.7	59.6	69.9
GENDER							
Female	2,514	77.8	75.0	80.5	75.6	72.5	78.8
Male	1,481	60.1	56.2	63.9	58.8	54.9	62.8
RACE							
African-American	296	54.7	45.9	63.6	54.4	46.6	62.2
Other	210	66.4	56.5	76.3	67.2	57.3	77.1
White	3,462	70.9	68.3	73.5	68.6	65.9	71.4
EDUCATION							
< High School	366	55.2	46.8	63.6	54.9	46.9	62.9
High School	1,362	65.8	61.7	70.0	62.0	57.3	66.6
High School +	2,263	73.5	70.5	76.5	72.5	69.2	75.8
INCOME							
<\$15,000	392	56.7	47.1	66.4	56.1	49.0	63.2
\$15,000-24,999	647	65.6	59.6	71.7	62.8	56.2	69.4
\$25,000-34,999	472	72.1	66.0	78.3	69.6	61.7	77.6
\$35,000-49,999	625	69.7	63.8	75.7	71.7	66.4	77.0
\$50,000-74,999	586	72.2	66.6	77.9	71.2	65.2	77.2
\$75,000+	765	74.6	70.0	79.2	72.5	66.5	78.4

Definition: "Do you think pain or discomfort in the jaw, neck or back are symptoms of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes", "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.2 Know feeling weak, lightheaded or faint are symptoms of heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,854	75.0	72.9	77.1	75.5	73.4	77.7
REGION							
Central	437	74.6	69.0	80.1	74.7	69.4	79.9
Kansas City Metro	736	73.1	68.8	77.3	73.2	68.4	78.0
Northeast	440	76.2	71.0	81.4	76.4	70.8	81.9
Northwest	469	78.3	73.2	83.3	78.1	72.6	83.6
Southeast	417	76.5	71.3	81.7	76.7	70.7	82.6
Southwest	432	76.0	70.7	81.3	78.0	72.8	83.2
St. Louis Metro	923	74.8	70.7	79.0	75.2	70.9	79.5
GENDER							
Female	2,369	77.3	74.8	79.8	77.9	75.2	80.6
Male	1,485	72.6	69.2	75.9	72.9	69.6	76.3
RACE							
African-American	309	62.6	54.4	70.9	61.7	53.0	70.4
Other	214	82.3	75.7	88.8	81.8	76.0	87.7
White	3,305	75.4	73.2	77.7	76.0	73.7	78.3
EDUCATION							
< High School	350	70.0	63.0	77.1	68.6	61.3	75.9
High School	1,314	70.0	66.0	74.0	70.3	66.0	74.6
High School +	2,185	78.5	75.9	81.0	78.9	76.3	81.5
INCOME							
<\$15,000	404	69.0	60.6	77.4	68.3	60.2	76.4
\$15,000-24,999	636	69.7	64.2	75.2	71.5	66.2	76.9
\$25,000-34,999	449	70.4	63.9	76.8	71.2	63.3	79.1
\$35,000-49,999	593	72.2	66.3	78.0	74.6	69.6	79.7
\$50,000-74,999	570	81.8	77.3	86.4	82.0	77.4	86.6
\$75,000+	739	78.5	74.5	82.4	79.7	76.0	83.5

Definition: "Do you think feeling weak, lightheaded, or faint are symptoms of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.3 Know chest pain or discomfort are symptoms of a heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,497	97.2	96.5	97.9	97.3	96.6	98.1
REGION							
Central	516	98.0	96.3	99.8	98.1	96.5	99.7
Kansas City Metro	851	95.8	93.7	97.8	95.5	92.8	98.2
Northeast	522	98.2	97.1	99.3	98.6	97.7	99.4
Northwest	535	96.4	93.6	99.1	95.9	92.2	99.6
Southeast	504	96.5	93.9	99.2	96.6	93.7	99.5
Southwest	504	97.8	96.3	99.3	98.1	96.8	99.4
St. Louis Metro	1,065	97.7	96.6	98.8	97.8	96.7	98.9
GENDER							
Female	2,812	97.5	96.6	98.3	97.7	97.0	98.5
Male	1,685	97.0	95.8	98.1	96.9	95.7	98.2
RACE							
African-American	362	93.3	89.7	96.9	93.4	90.0	96.9
Other	255	93.0	87.9	98.1	94.0	89.9	98.0
White	3,848	97.9	97.3	98.5	97.9	97.2	98.7
EDUCATION							
< High School	438	94.0	91.4	96.7	94.9	92.3	97.4
High School	1,546	96.1	94.6	97.5	96.3	94.7	97.9
High School +	2,507	98.4	97.6	99.2	98.2	97.2	99.2
INCOME							
<\$15,000	466	96.0	93.8	98.2	96.4	94.5	98.3
\$15,000-24,999	747	96.2	94.3	98.1	97.1	95.3	98.9
\$25,000-34,999	538	97.2	95.5	99.0	97.4	95.3	99.4
\$35,000-49,999	691	98.3	96.8	99.8	98.5	97.3	99.7
\$50,000-74,999	648	98.8	97.8	99.7	98.7	97.8	99.7
\$75,000+	833	98.5	97.4	99.6	98.6	97.6	99.6

Definition: "Do you think chest pain or discomfort is a symptom of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.4 Know sudden trouble seeing in one or both eyes is NOT a symptom of a heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	3,203	58.8	56.1	61.5	58.4	55.6	61.2
REGION							
Central	360	57.5	50.4	64.7	57.6	50.3	64.8
Kansas City Metro	621	54.7	49.6	59.8	54.1	48.6	59.6
Northeast	344	52.7	45.8	59.5	51.8	44.5	59.2
Northwest	374	56.3	48.8	63.7	56.3	48.6	64.1
Southeast	339	62.4	56.0	68.8	62.8	55.9	69.8
Southwest	371	64.7	58.5	70.9	62.2	56.5	67.9
St. Louis Metro	794	58.9	53.3	64.5	58.1	52.4	63.7
GENDER							
Female	1,961	60.2	56.9	63.5	59.2	55.7	62.8
Male	1,242	57.4	53.1	61.7	57.3	53.0	61.7
RACE							
African-American	272	55.1	45.9	64.2	56.0	47.5	64.4
Other	179	48.8	37.8	59.8	49.4	38.3	60.4
White	2,730	60.0	57.1	62.9	59.4	56.3	62.4
EDUCATION							
< High School	279	64.0	54.4	73.5	64.5	55.4	73.5
High School	1,073	59.4	54.9	64.0	59.4	54.4	64.4
High School +	1,846	57.7	54.2	61.2	56.2	53.0	59.4
INCOME							
<\$15,000	344	55.5	45.7	65.4	56.6	48.2	65.0
\$15,000-24,999	508	57.1	50.2	64.1	56.7	49.2	64.2
\$25,000-34,999	365	58.8	51.6	65.9	55.8	46.6	65.0
\$35,000-49,999	504	57.4	50.2	64.6	60.1	51.8	68.3
\$50,000-74,999	478	56.8	50.4	63.3	57.0	50.2	63.7
\$75,000+	627	62.1	56.7	67.6	57.4	51.9	62.8

Definition: "Do you think sudden trouble seeing in one or both eyes is a symptom of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "No." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.5 Know feeling pain or discomfort in the arms or shoulders are symptoms of a heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,404	94.5	93.5	95.6	94.3	93.1	95.5
REGION							
Central	497	94.3	91.0	97.5	94.0	90.6	97.5
Kansas City Metro	838	94.1	92.1	96.1	93.9	91.6	96.2
Northeast	511	97.2	95.6	98.7	96.9	94.9	98.9
Northwest	530	95.8	94.0	97.6	96.1	94.3	97.9
Southeast	493	97.1	94.6	99.5	97.0	94.0	99.9
Southwest	505	95.5	93.2	97.8	95.2	92.7	97.7
St. Louis Metro	1,030	93.3	90.9	95.7	93.0	90.5	95.5
GENDER							
Female	2,760	95.1	93.7	96.4	94.9	93.4	96.4
Male	1,644	94.0	92.2	95.7	93.8	91.9	95.6
RACE							
African-American	341	88.5	83.1	93.9	87.7	82.0	93.4
Other	247	92.9	87.8	98.0	94.0	90.3	97.6
White	3,784	95.2	94.1	96.3	94.9	93.6	96.2
EDUCATION							
< High School	419	90.4	85.4	95.4	91.7	87.7	95.7
High School	1,512	95.0	93.5	96.5	94.5	92.5	96.5
High School +	2,468	94.9	93.5	96.4	95.0	93.7	96.4
INCOME							
<\$15,000	450	94.1	91.5	96.7	93.4	90.2	96.5
\$15,000-24,999	731	92.9	90.3	95.5	93.3	90.4	96.1
\$25,000-34,999	529	93.7	90.5	96.9	93.4	89.4	97.5
\$35,000-49,999	679	95.3	92.6	98.1	95.1	92.0	98.2
\$50,000-74,999	635	94.4	91.0	97.9	94.2	90.5	97.9
\$75,000+	827	96.5	94.7	98.2	96.8	95.3	98.4

Definition: "Do you think pain or discomfort in the arms or shoulders are symptoms of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.6 Know shortness of breath is a symptom of a heart attack

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,264	91.1	89.8	92.4	91.2	89.8	92.5
REGION							
Central	487	88.5	84.3	92.7	88.5	84.3	92.6
Kansas City Metro	814	89.9	87.1	92.6	90.0	86.6	93.4
Northeast	482	94.5	92.3	96.7	94.8	92.5	97.0
Northwest	518	93.2	90.8	95.5	93.2	90.7	95.8
Southeast	474	92.6	89.2	95.9	92.2	88.3	96.1
Southwest	476	93.5	90.9	96.1	93.7	91.1	96.3
St. Louis Metro	1,013	90.5	88.0	93.0	90.5	87.9	93.1
GENDER							
Female	2,667	92.5	91.0	93.9	92.5	90.9	94.1
Male	1,597	89.6	87.4	91.7	89.5	87.3	91.7
RACE							
African-American	336	87.4	82.6	92.2	87.8	83.2	92.3
Other	240	88.4	82.7	94.2	88.0	82.3	93.8
White	3,662	91.6	90.3	93.0	91.6	90.1	93.0
EDUCATION							
< High School	407	85.3	79.8	90.7	83.7	77.8	89.6
High School	1,456	89.9	87.6	92.2	90.1	87.6	92.6
High School +	2,397	92.6	91.1	94.1	92.0	90.3	93.8
INCOME							
<\$15,000	438	93.6	91.2	96.0	93.6	91.2	96.0
\$15,000-24,999	712	88.6	84.9	92.3	89.3	85.4	93.2
\$25,000-34,999	499	90.3	86.3	94.3	91.1	86.5	95.6
\$35,000-49,999	646	90.6	87.1	94.1	90.6	87.2	94.0
\$50,000-74,999	625	94.4	92.0	96.9	93.7	90.6	96.8
\$75,000+	814	92.3	89.8	94.8	92.2	89.6	94.7

Definition: "Do you think shortness of breath is a symptom of a heart attack?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.7 Correctly answered all signs and symptoms of a heart attack questions

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,606	15.5	14.1	17.0	15.1	13.7	16.5
REGION							
Central	524	13.5	10.2	16.7	13.1	9.9	16.2
Kansas City Metro	869	12.3	9.8	14.8	12.1	9.5	14.6
Northeast	537	14.3	10.8	17.8	14.1	10.6	17.7
Northwest	553	13.1	9.3	16.9	13.5	9.5	17.4
Southeast	514	18.0	13.9	22.0	17.8	13.4	22.2
Southwest	520	19.8	15.6	24.0	19.4	15.4	23.5
St. Louis Metro	1,089	15.9	12.9	19.0	14.8	12.1	17.5
GENDER							
Female	2,879	18.6	16.6	20.6	18.2	16.2	20.1
Male	1,727	12.2	10.1	14.3	11.7	9.7	13.7
RACE							
African-American	369	7.5	4.0	10.9	7.2	4.1	10.4
Other	263	10.6	4.7	16.4	10.9	5.2	16.5
White	3,941	16.7	15.0	18.3	16.0	14.4	17.5
EDUCATION							
< High School	466	8.3	4.7	11.8	9.6	5.0	14.1
High School	1,585	11.1	8.9	13.3	10.0	7.9	12.2
High School +	2,549	19.2	17.1	21.3	18.5	16.5	20.4
INCOME							
<\$15,000	484	9.0	6.0	11.9	9.2	6.3	12.2
\$15,000-24,999	771	8.4	5.7	11.1	8.3	5.3	11.3
\$25,000-34,999	556	14.7	10.1	19.2	15.2	9.8	20.5
\$35,000-49,999	700	15.3	11.7	19.0	15.1	11.8	18.4
\$50,000-74,999	653	17.3	13.4	21.2	16.5	12.8	20.1
\$75,000+	844	22.9	19.2	26.6	20.4	16.8	24.1

Definition: "Yes" response to 18.1-3 AND 18.5-6 AND "No" response to 18.4.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.8 Know sudden confusion or trouble speaking are symptoms of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,365	97.5	96.8	98.2	97.4	96.6	98.2
REGION							
Central	500	97.9	96.2	99.7	98.0	96.3	99.7
Kansas City Metro	831	97.5	95.9	99.0	97.3	95.3	99.2
Northeast	505	98.1	96.9	99.3	98.0	96.6	99.5
Northwest	534	98.8	98.0	99.7	99.0	98.2	99.7
Southeast	481	96.7	93.8	99.6	96.3	93.0	99.6
Southwest	486	96.6	94.1	99.1	96.0	92.7	99.4
St. Louis Metro	1,028	97.9	96.9	98.9	97.8	96.6	98.9
GENDER							
Female	2,750	98.3	97.7	98.9	98.3	97.7	99.0
Male	1,615	96.6	95.3	98.0	96.4	95.0	97.9
RACE							
African-American	335	93.9	90.5	97.3	94.0	90.8	97.2
Other	253	93.0	87.9	98.1	93.3	88.2	98.3
White	3,747	98.2	97.6	98.9	98.1	97.3	98.9
EDUCATION							
< High School	407	96.4	94.6	98.3	96.9	95.1	98.6
High School	1,474	95.7	93.9	97.5	95.4	93.2	97.5
High School +	2,478	98.7	98.0	99.3	98.6	97.9	99.3
INCOME							
<\$15,000	430	96.4	94.7	98.1	96.7	95.1	98.2
\$15,000-24,999	727	95.7	93.3	98.0	95.8	93.3	98.3
\$25,000-34,999	521	96.4	93.2	99.6	95.5	91.1	100.0
\$35,000-49,999	668	98.2	96.8	99.7	97.8	95.9	99.7
\$50,000-74,999	636	99.4	98.5	100.3	99.3	98.2	100.3
\$75,000+	828	97.9	96.4	99.4	97.9	96.4	99.4

Definition: "Do you think sudden confusion or trouble speaking are symptoms of a stroke?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.9 Know sudden numbness or weakness of face, arm, or leg especially on one side are symptoms of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,483	98.5	98.0	99.1	98.6	98.1	99.1
REGION							
Central	509	99.0	97.8	100.1	99.0	97.9	100.1
Kansas City Metro	854	98.4	97.4	99.5	98.6	97.7	99.5
Northeast	523	97.9	96.5	99.2	98.1	96.8	99.4
Northwest	538	99.3	98.7	99.9	99.4	98.8	99.9
Southeast	495	99.4	98.8	100.0	99.5	99.0	100.0
Southwest	502	98.7	97.4	99.9	98.8	97.6	99.9
St. Louis Metro	1,062	98.1	96.9	99.3	98.1	96.8	99.3
GENDER							
Female	2,802	98.8	98.1	99.4	98.9	98.3	99.5
Male	1,681	98.2	97.4	99.1	98.3	97.4	99.1
RACE							
African-American	354	98.1	96.6	99.6	98.1	96.6	99.6
Other	251	96.4	93.0	99.8	96.6	93.6	99.7
White	3,848	98.7	98.2	99.3	98.8	98.2	99.3
EDUCATION							
< High School	438	97.7	96.3	99.1	97.9	96.5	99.4
High School	1,527	98.6	97.8	99.4	98.8	98.1	99.6
High School +	2,511	98.6	97.9	99.3	98.6	97.9	99.3
INCOME							
<\$15,000	459	98.7	97.8	99.6	98.8	98.0	99.6
\$15,000-24,999	745	97.9	96.7	99.0	98.5	97.6	99.4
\$25,000-34,999	541	98.9	98.0	99.8	99.0	98.1	99.8
\$35,000-49,999	686	98.5	96.8	100.1	98.3	96.3	100.3
\$50,000-74,999	642	98.4	96.6	100.2	98.7	97.2	100.1
\$75,000+	839	98.5	97.4	99.6	98.6	97.6	99.7

Definition: "Do you think sudden numbness or weakness of face, arm, or leg, especially on one side, are symptoms of a stroke?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.10 Know sudden trouble seeing in one or both eyes is a symptom of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,561	90.7	89.1	92.3	90.4	88.6	92.2
REGION							
Central	409	90.6	86.4	94.8	90.5	86.3	94.8
Kansas City Metro	693	89.7	86.8	92.6	90.0	87.0	92.9
Northeast	406	93.1	89.9	96.3	92.7	88.9	96.5
Northwest	425	93.4	90.5	96.2	93.1	90.0	96.1
Southeast	391	91.1	86.9	95.3	90.6	85.9	95.4
Southwest	386	94.6	91.9	97.3	94.7	92.2	97.3
St. Louis Metro	851	88.9	85.4	92.5	88.6	84.9	92.4
GENDER							
Female	2,228	92.8	91.2	94.5	92.8	91.0	94.7
Male	1,333	88.3	85.5	91.1	88.0	85.1	90.9
RACE							
African-American	276	84.0	77.4	90.5	83.0	76.5	89.4
Other	195	89.3	82.4	96.2	89.1	82.2	95.9
White	3,063	91.4	89.7	93.1	91.1	89.1	93.0
EDUCATION							
< High School	293	79.1	70.8	87.3	77.1	67.9	86.2
High School	1,147	86.2	82.7	89.8	85.7	81.8	89.6
High School +	2,116	94.4	92.9	95.9	94.1	92.4	95.9
INCOME							
<\$15,000	353	85.1	79.2	91.0	83.1	76.4	89.8
\$15,000-24,999	571	83.7	78.5	88.8	83.4	77.5	89.3
\$25,000-34,999	422	90.1	86.0	94.2	90.4	85.3	95.6
\$35,000-49,999	551	93.2	90.1	96.2	93.6	90.9	96.2
\$50,000-74,999	533	93.8	90.7	96.9	93.5	89.9	97.0
\$75,000+	717	94.9	92.1	97.6	94.0	89.8	98.1

Definition: "Do you think sudden trouble seeing in one or both eyes is a symptom of a stroke?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.11 Know sudden chest pain or discomfort are NOT symptoms of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,238	57.8	55.2	60.4	57.3	54.5	60.2
REGION							
Central	365	53.1	46.0	60.2	52.3	45.6	58.9
Kansas City Metro	619	61.5	56.4	66.5	60.3	54.8	65.9
Northeast	349	47.7	41.0	54.4	47.2	39.9	54.4
Northwest	401	55.7	48.7	62.7	57.3	50.4	64.1
Southeast	347	52.9	46.2	59.7	54.3	46.9	61.6
Southwest	371	60.7	54.3	67.2	60.4	53.1	67.6
St. Louis Metro	786	58.7	53.3	64.1	58.4	52.4	64.3
GENDER							
Female	1,952	59.1	55.8	62.4	58.1	54.5	61.7
Male	1,286	56.5	52.5	60.6	56.1	51.8	60.3
RACE							
African-American	267	38.2	29.5	47.0	36.7	29.4	44.0
Other	190	41.8	31.7	52.0	39.6	31.2	48.0
White	2,756	61.0	58.2	63.8	60.9	57.9	64.0
EDUCATION							
< High School	303	33.8	25.7	41.9	31.3	23.2	39.4
High School	1,068	48.5	43.8	53.2	48.2	43.2	53.3
High School +	1,864	66.0	62.8	69.3	65.7	62.2	69.3
INCOME							
<\$15,000	333	40.2	29.9	50.4	39.0	30.2	47.9
\$15,000-24,999	524	38.6	32.1	45.1	39.7	33.0	46.5
\$25,000-34,999	364	59.5	52.1	66.9	60.3	51.3	69.3
\$35,000-49,999	503	60.7	54.2	67.3	60.4	53.2	67.7
\$50,000-74,999	485	63.0	56.9	69.1	62.8	56.3	69.2
\$75,000+	621	70.4	65.3	75.5	70.1	64.9	75.2

Definition: "Do you think sudden chest pain or discomfort is a symptom of a stroke?" The numerator includes: Respondents aged 18 and older who answered "No." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.12 Know sudden trouble walking, dizziness, or loss of balance are symptoms of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,154	94.8	93.8	95.8	94.8	93.8	95.9
REGION							
Central	472	95.7	93.3	98.1	95.7	93.2	98.2
Kansas City Metro	791	92.0	89.1	94.9	91.9	88.4	95.3
Northeast	481	94.6	92.2	97.0	94.4	91.7	97.1
Northwest	502	94.9	92.0	97.8	94.5	90.8	98.3
Southeast	460	95.2	92.8	97.7	95.4	92.9	98.0
Southwest	469	95.3	92.8	97.8	95.8	93.7	97.9
St. Louis Metro	979	95.7	94.1	97.3	95.7	94.1	97.3
GENDER							
Female	2,579	95.2	94.0	96.5	95.6	94.4	96.7
Male	1,575	94.3	92.8	95.9	94.3	92.6	95.9
RACE							
African-American	322	89.7	84.3	95.1	90.0	85.0	95.0
Other	234	94.7	91.0	98.5	95.0	91.6	98.5
White	3,570	95.3	94.3	96.3	95.2	94.1	96.3
EDUCATION							
< High School	381	88.4	83.5	93.3	90.4	86.3	94.5
High School	1,397	93.5	91.7	95.3	93.6	91.6	95.6
High School +	2,369	96.4	95.3	97.6	96.2	94.8	97.6
INCOME							
<\$15,000	421	94.2	91.4	96.9	94.1	91.2	97.0
\$15,000-24,999	665	92.5	90.0	95.1	92.8	89.9	95.7
\$25,000-34,999	500	94.5	92.0	97.0	95.0	92.3	97.6
\$35,000-49,999	647	94.8	92.1	97.4	94.8	92.0	97.5
\$50,000-74,999	613	96.5	94.5	98.6	97.0	95.3	98.7
\$75,000+	795	97.5	96.1	98.9	97.3	95.7	98.9

Definition: "Do you think sudden trouble walking, dizziness or loss of balance are symptoms of a stroke?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.13 Know severe headache with no known cause is a symptom of a stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,423	75.9	73.6	78.2	75.7	73.2	78.2
REGION							
Central	397	72.8	66.2	79.3	72.3	65.6	79.0
Kansas City Metro	649	73.2	68.6	77.9	72.0	67.0	77.0
Northeast	383	80.8	75.7	85.8	80.6	75.7	85.6
Northwest	405	78.6	72.2	85.0	76.4	69.8	83.0
Southeast	379	79.8	74.3	85.4	79.3	73.1	85.6
Southwest	374	77.7	71.8	83.6	79.9	75.0	84.9
St. Louis Metro	836	75.8	71.2	80.3	76.2	71.5	81.0
GENDER							
Female	2,192	81.3	78.6	84.0	80.7	77.7	83.8
Male	1,231	69.7	65.8	73.6	69.7	65.7	73.7
RACE							
African-American	283	75.0	66.8	83.3	74.6	66.3	82.8
Other	198	74.8	64.7	84.9	72.0	63.1	80.9
White	2,922	76.1	73.6	78.6	75.9	73.2	78.5
EDUCATION							
< High School	320	64.7	55.6	73.7	64.8	55.2	74.3
High School	1,126	72.9	68.7	77.2	71.7	66.9	76.5
High School +	1,973	79.2	76.4	82.0	79.4	76.4	82.3
INCOME							
<\$15,000	354	73.9	64.7	83.1	73.1	64.3	81.8
\$15,000-24,999	548	69.3	62.8	75.8	69.0	61.7	76.2
\$25,000-34,999	412	74.1	67.5	80.6	71.1	63.1	79.0
\$35,000-49,999	530	73.0	66.6	79.3	73.7	67.1	80.3
\$50,000-74,999	498	76.6	70.9	82.3	77.7	72.3	83.1
\$75,000+	671	83.1	79.2	87.0	82.3	77.7	86.9

Definition: "Do you think severe headache with no known cause is a symptom of a stroke?" The numerator includes: Respondents aged 18 and older who answered "Yes." The denominator includes responses: "Yes," "No" and "Don't Know/Not Sure."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 18 Heart Attack and Stroke Signs and Symptoms

Table 18.14 Correctly answered all signs and symptoms of a stroke questions

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,587	21.2	19.4	23.1	20.9	19.0	22.8
REGION							
Central	524	20.3	15.8	24.8	19.7	15.5	24.0
Kansas City Metro	869	20.0	16.9	23.1	19.1	16.1	22.1
Northeast	533	14.6	11.0	18.2	14.0	10.5	17.5
Northwest	554	18.8	14.4	23.1	19.0	14.4	23.6
Southeast	507	20.2	15.9	24.6	20.6	15.8	25.5
Southwest	515	24.7	20.0	29.4	25.7	20.2	31.1
St. Louis Metro	1,085	22.1	18.1	26.0	21.5	17.4	25.7
GENDER							
Female	2,860	23.1	20.8	25.3	23.0	20.5	25.4
Male	1,727	19.3	16.4	22.1	18.7	15.8	21.6
RACE							
African-American	369	9.2	5.6	12.7	8.6	5.2	12.0
Other	263	16.0	9.7	22.3	15.5	9.9	21.1
White	3,922	22.8	20.7	24.8	22.5	20.3	24.7
EDUCATION							
< High School	461	6.1	3.2	9.0	6.3	3.2	9.3
High School	1,575	14.5	11.9	17.1	14.2	11.4	17.1
High School +	2,544	27.4	24.8	30.1	26.6	23.8	29.5
INCOME							
<\$15,000	480	13.6	6.2	20.9	12.7	6.5	18.9
\$15,000-24,999	768	10.9	7.5	14.3	11.1	7.4	14.8
\$25,000-34,999	552	18.0	13.7	22.3	17.0	12.4	21.6
\$35,000-49,999	698	20.2	15.3	25.0	18.3	14.4	22.2
\$50,000-74,999	653	26.5	21.8	31.3	25.8	21.0	30.6
\$75,000+	844	31.1	26.8	35.3	29.5	24.2	34.8

Definition: "Yes" response to 18.8-10 AND 18. 12-13 AND "No" response to 18.11.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009
Chapter 18 Heart Attack and Stroke Signs and Symptoms
Table 18.15 Would first call 911 if they thought someone was having a heart attack or stroke

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,604	86.9	85.4	88.4	86.6	84.9	88.3
REGION							
Central	522	86.1	82.1	90.2	86.3	82.1	90.5
Kansas City Metro	868	86.8	84.0	89.7	86.6	83.4	89.9
Northeast	537	84.1	80.3	88.0	83.9	79.4	88.4
Northwest	555	90.1	87.2	92.9	90.2	87.2	93.1
Southeast	513	79.6	74.9	84.4	79.1	73.7	84.6
Southwest	518	85.6	81.9	89.4	85.2	80.7	89.7
St. Louis Metro	1,091	89.8	86.7	92.9	89.2	85.6	92.7
GENDER							
Female	2,866	88.5	86.9	90.1	88.5	86.5	90.4
Male	1,738	85.1	82.5	87.8	84.7	81.9	87.6
RACE							
African-American	377	88.5	83.6	93.4	88.1	82.5	93.8
Other	265	88.8	84.2	93.5	88.4	83.4	93.3
White	3,929	86.8	85.1	88.5	86.5	84.5	88.4
EDUCATION							
< High School	470	85.4	81.1	89.7	86.2	81.1	91.3
High School	1,585	87.1	84.8	89.5	86.6	83.7	89.6
High School +	2,542	87.0	84.8	89.1	86.5	84.0	89.0
INCOME							
<\$15,000	487	83.9	78.8	89.1	83.6	78.4	88.8
\$15,000-24,999	771	83.7	79.0	88.3	83.6	78.8	88.5
\$25,000-34,999	552	87.2	83.2	91.3	87.2	81.7	92.6
\$35,000-49,999	698	85.1	80.3	89.9	84.9	79.7	90.1
\$50,000-74,999	652	91.1	88.5	93.6	90.2	86.9	93.4
\$75,000+	843	87.9	84.8	90.9	86.9	82.4	91.4

Definition: "Call 911" response to the question "If you thought someone was having a heart attack or a stroke, what is the first thing you would do?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.1 Had been tested for high blood sugar or diabetes within past three years

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,306	56.2	53.8	58.5	55.7	53.4	58.0
REGION							
Central	487	50.3	44.1	56.5	52.4	47.3	57.4
Kansas City Metro	825	54.3	49.8	58.8	52.6	48.7	56.5
Northeast	505	53.9	47.6	60.3	52.9	47.8	58.1
Northwest	509	53.6	47.0	60.1	51.8	46.8	56.8
Southeast	474	58.3	52.4	64.1	58.0	52.0	63.9
Southwest	477	59.8	54.0	65.7	57.8	52.1	63.4
St. Louis Metro	1,029	57.6	52.8	62.4	57.2	52.4	61.9
GENDER							
Female	2,687	59.6	56.8	62.4	58.8	55.8	61.7
Male	1,619	52.5	48.7	56.2	52.9	49.5	56.3
RACE							
African-American	345	61.8	54.1	69.5	61.8	54.4	69.3
Other	260	57.2	48.2	66.2	57.7	50.6	64.8
White	3,664	55.6	53.0	58.2	54.9	52.3	57.4
EDUCATION							
< High School	427	47.9	39.8	56.0	48.7	41.1	56.4
High School	1,479	55.5	51.4	59.6	53.5	49.5	57.6
High School +	2,393	57.8	54.7	60.8	58.1	55.1	61.1
INCOME							
<\$15,000	420	51.8	43.2	60.3	52.5	45.0	59.9
\$15,000-24,999	704	55.2	49.2	61.2	54.8	48.7	60.9
\$25,000-34,999	502	58.2	51.4	64.9	53.8	48.1	59.5
\$35,000-49,999	640	59.6	53.4	65.8	61.3	55.1	67.5
\$50,000-74,999	628	53.7	47.9	59.5	53.3	48.0	58.7
\$75,000+	822	59.1	54.4	63.8	58.8	53.1	64.6

Definition: Responses other than "Yes" to "Have you ever been told by a doctor you have diabetes?" AND "Yes" response to "Have you had a test for high blood sugar or diabetes within the past three years?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.2 Had been told by a doctor had pre-diabetes or borderline diabetes

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,430	5.7	4.8	6.6	5.6	4.7	6.4
REGION							
Central	506	5.3	2.7	7.9	5.6	3.1	8.2
Kansas City Metro	848	4.0	2.7	5.4	3.7	2.5	4.9
Northeast	515	5.6	3.6	7.7	5.5	3.5	7.6
Northwest	520	8.1	4.8	11.4	8.2	5.1	11.4
Southeast	480	7.8	5.0	10.7	7.7	4.8	10.7
Southwest	494	7.1	4.5	9.7	6.6	4.4	8.8
St. Louis Metro	1,067	5.3	3.7	6.9	5.2	3.6	6.7
GENDER							
Female	2,758	6.3	5.1	7.5	6.1	4.9	7.3
Male	1,672	5.0	3.8	6.3	5.1	3.9	6.4
RACE							
African-American	351	6.8	3.5	10.1	6.8	3.4	10.2
Other	265	5.4	2.8	8.0	6.2	3.5	8.9
White	3,776	5.5	4.6	6.5	5.4	4.5	6.3
EDUCATION							
< High School	441	8.3	4.5	12.1	7.8	4.2	11.4
High School	1,525	6.2	4.6	7.8	5.8	4.3	7.4
High School +	2,458	4.9	3.9	5.9	5.0	4.0	6.0
INCOME							
<\$15,000	432	7.1	4.3	9.9	8.0	5.0	10.9
\$15,000-24,999	723	6.5	3.9	9.1	6.6	3.8	9.4
\$25,000-34,999	521	7.1	4.5	9.8	6.4	4.0	8.8
\$35,000-49,999	654	6.7	4.3	9.2	7.1	4.5	9.7
\$50,000-74,999	636	4.3	2.4	6.3	4.1	2.4	5.8
\$75,000+	847	4.0	2.4	5.5	4.3	2.5	6.1

Definition: Responses other than "Yes" to "Have you ever been told by a doctor you have diabetes?" AND "Yes" response to "Have you ever been told by a doctor or other health professional that you have pre-diabetes or borderline diabetes?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.3 Ever been told by a doctor have diabetes

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	5,053	7.9	7.1	8.8	7.4	6.6	8.3
REGION							
Central	564	6.4	4.5	8.4	6.3	4.5	8.1
Kansas City Metro	956	8.5	6.6	10.3	8.0	6.3	9.7
Northeast	589	9.4	6.8	12.0	8.5	6.3	10.7
Northwest	606	9.8	7.2	12.5	9.6	7.2	12.0
Southeast	558	10.9	8.1	13.7	10.3	7.5	13.2
Southwest	554	7.4	5.2	9.6	6.6	4.8	8.4
St. Louis Metro	1,226	7.2	5.5	8.9	6.7	5.1	8.3
GENDER							
Female	3,130	7.8	6.7	8.9	7.0	6.0	8.0
Male	1,923	8.1	6.7	9.5	8.0	6.7	9.3
RACE							
African-American	441	14.4	10.3	18.6	14.2	10.4	18.1
Other	305	7.5	4.1	10.8	7.9	4.7	11.2
White	4,268	7.4	6.5	8.3	6.8	6.0	7.7
EDUCATION							
< High School	536	13.6	9.8	17.5	14.8	10.1	19.4
High School	1,769	9.7	7.9	11.4	8.4	6.7	10.1
High School +	2,740	6.0	5.0	6.9	6.2	5.3	7.1
INCOME							
<\$15,000	553	14.4	10.6	18.1	15.1	11.4	18.9
\$15,000-24,999	854	10.7	7.9	13.4	9.8	6.5	13.0
\$25,000-34,999	599	11.4	8.1	14.6	8.3	5.9	10.7
\$35,000-49,999	747	8.6	6.2	11.0	8.5	6.3	10.8
\$50,000-74,999	693	6.1	4.0	8.2	6.5	4.5	8.5
\$75,000+	905	4.0	2.7	5.4	4.1	2.7	5.4

Definition: "Yes" response to the question, "Have you ever been told by a doctor you have diabetes?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.4.1 Age at diagnosis: Told they had diabetes at age 18-44

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	590	29.7	23.7	35.6
REGION				
Central	55	18.3	6.2	30.4
Kansas City Metro	100	35.2	23.2	47.3
Northeast	70	25.1	13.1	37.1
Northwest	83	24.3	12.3	36.4
Southeast	74	38.9	24.9	52.9
Southwest	58	20.2	5.0	35.3
St. Louis Metro	150	31.3	18.1	44.4
GENDER				
Female	351	28.0	21.2	34.9
Male	239	31.3	21.8	40.9
RACE				
African-American	85	51.5	36.4	66.5
Other	36	36.9	11.8	62.1
White	469	24.8	18.4	31.2
EDUCATION				
< High School	86	37.2	21.5	52.9
High School	229	33.0	22.9	43.0
High School +	273	23.9	16.7	31.1
INCOME				
<\$15,000	112	39.1	25.3	52.8
\$15,000-24,999	126	36.0	21.1	50.9
\$25,000-34,999	76	18.9	5.3	32.4
\$35,000-49,999	89	22.6	8.6	36.7
\$50,000-74,999	56	36.3	17.6	54.9
\$75,000+	58	28.6	11.7	45.4

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "18-44 years old" response to "How old were you when you were told you have diabetes?"

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Table 19.4.2 Age at diagnosis: Told they had diabetes at age 45-64

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	590	49.7	43.9	55.4
REGION				
Central	55	42.1	27.2	57.1
Kansas City Metro	100	48.3	36.8	59.7
Northeast	70	56.6	42.5	70.8
Northwest	83	51.6	37.8	65.4
Southeast	74	43.3	30.0	56.6
Southwest	58	59.0	43.3	74.7
St. Louis Metro	150	49.7	37.0	62.4
GENDER				
Female	351	50.7	43.4	58.0
Male	239	48.6	39.6	57.5
RACE				
African-American	85	34.6	21.9	47.3
Other	36	46.0	23.1	68.9
White	469	52.9	46.4	59.4
EDUCATION				
< High School	86	38.9	24.9	52.8
High School	229	52.4	42.9	62.0
High School +	273	51.0	42.9	59.1
INCOME				
<\$15,000	112	47.7	34.5	60.9
\$15,000-24,999	126	32.5	21.6	43.4
\$25,000-34,999	76	48.1	32.9	63.3
\$35,000-49,999	89	61.8	47.1	76.4
\$50,000-74,999	56	52.4	34.6	70.2
\$75,000+	58	62.3	45.4	79.2

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "45-64 years old" response to "How old were you when you were told you have diabetes?"

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Table 19.4.3 Age at diagnosis: Told they had diabetes at age 65 +

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	590	18.7	14.9	22.5
REGION				
Central	55	29.8	16.9	42.8
Kansas City Metro	100	15.3	8.1	22.4
Northeast	70	17.6	8.4	26.7
Northwest	83	13.7	6.2	21.3
Southeast	74	16.2	8.2	24.2
Southwest	58	20.8	11.0	30.6
St. Louis Metro	150	18.8	10.2	27.3
GENDER				
Female	351	18.5	13.5	23.5
Male	239	18.9	13.0	24.8
RACE				
African-American	85	13.4	3.8	23.1
Other	36	15.7	1.6	29.7
White	469	20.0	15.5	24.4
EDUCATION				
< High School	86	23.2	11.5	34.8
High School	229	14.4	9.1	19.7
High School +	273	20.9	15.1	26.8
INCOME				
<\$15,000	112	12.5	6.2	18.7
\$15,000-24,999	126	28.8	17.6	40.0
\$25,000-34,999	76	31.6	17.7	45.5
\$35,000-49,999	89	10.3	3.5	17.0
\$50,000-74,999	56	11.4	2.7	20.0
\$75,000+	58	7.7	1.2	14.1

Definition: Age 65 and older: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "65 years or older" response to "How old were you when you were told you have diabetes?"

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Table 19.5 Currently taking insulin for diabetes

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	615	29.7	24.4	35.0
REGION				
Central	58	29.2	14.4	44.1
Kansas City Metro	105	39.5	27.7	51.2
Northeast	74	26.8	15.1	38.4
Northwest	83	27.8	13.5	42.0
Southeast	77	22.3	11.7	32.8
Southwest	59	24.5	10.8	38.3
St. Louis Metro	159	29.6	18.3	40.8
GENDER				
Female	367	29.9	23.1	36.6
Male	248	29.5	21.2	37.8
RACE				
African-American	90	28.8	15.3	42.4
Other	37	19.6	1.5	37.7
White	487	30.9	24.9	36.9
EDUCATION				
< High School	94	32.7	17.7	47.7
High School	238	28.6	20.6	36.6
High School +	281	29.6	22.0	37.2
INCOME				
<\$15,000	119	28.6	18.0	39.2
\$15,000-24,999	129	23.7	14.8	32.7
\$25,000-34,999	78	36.4	21.0	51.8
\$35,000-49,999	91	29.5	16.4	42.6
\$50,000-74,999	57	42.5	24.2	60.8
\$75,000+	58	24.5	8.3	40.8

Definition: "Yes" responses to "Have you ever been told by a doctor you have diabetes?" AND "Are you now taking insulin?"
 Note (1) - Due to small sample sizes, diabetes management indicators were not age-adjusted. Those indicators include insulin, blood glucose and feet check-ups, doctor's visits for diabetes, A1C tests, dilated eye and retinopathy exams, and diabetes management class.

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Table 19.6 Blood glucose checked one or more times per day by someone other than a health professional

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	611	60.8	55.2	66.4
REGION				
Central	57	63.9	50.0	77.9
Kansas City Metro	105	59.2	48.0	70.5
Northeast	73	60.2	45.3	75.1
Northwest	83	65.5	53.4	77.5
Southeast	77	70.8	59.7	82.0
Southwest	59	57.8	42.2	73.4
St. Louis Metro	157	57.3	44.9	69.7
GENDER				
Female	365	68.2	61.4	74.9
Male	246	53.0	44.2	61.9
RACE				
African-American	89	75.1	64.4	85.7
Other	37	57.0	33.8	80.1
White	485	58.3	52.1	64.5
EDUCATION				
< High School	94	73.1	61.3	85.0
High School	237	57.6	48.0	67.1
High School +	278	58.7	50.6	66.8
INCOME				
<\$15,000	118	68.4	56.2	80.7
\$15,000-24,999	129	65.1	51.0	79.2
\$25,000-34,999	78	65.4	51.3	79.5
\$35,000-49,999	91	61.9	48.1	75.7
\$50,000-74,999	55	51.8	34.1	69.5
\$75,000+	58	35.0	19.7	50.3

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1 or greater times per day" to "About how often do you check your blood for glucose or sugar? Include times when checked by a family member or friend, but do NOT include times when checked by a health professional."

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Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management
Table 19.7 Feet checked for sores or irritations daily by someone other than a health professional

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	599	60.7	55.1	66.2
REGION				
Central	55	57.8	43.0	72.6
Kansas City Metro	104	65.6	54.1	77.1
Northeast	70	66.4	53.9	78.9
Northwest	82	69.1	56.7	81.5
Southeast	73	61.5	48.1	74.8
Southwest	59	57.9	42.7	73.2
St. Louis Metro	156	56.9	45.2	68.7
GENDER				
Female	358	69.5	63.3	75.7
Male	241	51.4	42.4	60.5
RACE				
African-American	90	68.3	52.8	83.8
Other	36	45.9	22.9	69.0
White	472	60.7	54.4	67.0
EDUCATION				
< High School	90	75.3	64.1	86.4
High School	229	53.3	43.6	63.1
High School +	278	61.7	54.2	69.2
INCOME				
<\$15,000	116	64.3	51.4	77.3
\$15,000-24,999	126	65.0	50.7	79.4
\$25,000-34,999	76	55.4	39.7	71.1
\$35,000-49,999	88	46.8	32.4	61.2
\$50,000-74,999	56	60.0	43.2	76.8
\$75,000+	57	64.1	47.9	80.3

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1 or greater times per day" to "About how often do you check your feet for sores or irritations? Include times when checked by a family member or friend, but do NOT include times when checked by a health professional."

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Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.8.1 Had not seen a doctor in past 12 months for their diabetes

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	594	10.6	7.5	13.7
REGION				
Central	57	13.8	2.5	25.0
Kansas City Metro	103	12.4	5.4	19.4
Northeast	70	7.6	1.4	13.8
Northwest	81	16.8	8.1	25.5
Southeast	75	12.5	4.3	20.6
Southwest	56	10.5	2.7	18.4
St. Louis Metro	152	7.2	1.4	12.9
GENDER				
Female	354	8.1	5.0	11.2
Male	240	13.3	7.8	18.7
RACE				
African-American	84	12.2	0.7	23.7
Other	36	19.1	3.6	34.5
White	474	9.6	6.7	12.5
EDUCATION				
< High School	86	9.0	2.6	15.4
High School	232	13.6	7.4	19.7
High School +	274	8.5	5.1	11.8
INCOME				
<\$15,000	115	12.6	1.3	24.0
\$15,000-24,999	123	9.8	3.6	16.0
\$25,000-34,999	76	16.6	7.1	26.1
\$35,000-49,999	88	10.5	3.7	17.2
\$50,000-74,999	56	3.9	-0.6	8.3
\$75,000+	58	8.3	0.9	15.7

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "0 time" response to "About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?"

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Table 19.8.2 Had seen a doctor once within the past 12 months for their diabetes

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	594	10.9	7.7	14.0
REGION				
Central	57	19.2	7.1	31.3
Kansas City Metro	103	13.0	6.6	19.5
Northeast	70	13.6	4.6	22.7
Northwest	81	10.7	3.1	18.4
Southeast	75	7.1	0.2	14.1
Southwest	56	17.5	4.8	30.2
St. Louis Metro	152	5.3	0.5	10.1
GENDER				
Female	354	8.4	4.6	12.1
Male	240	13.5	8.3	18.7
RACE				
African-American	84	10.9	1.2	20.5
Other	36	2.4	-1.1	5.9
White	474	11.6	8.1	15.0
EDUCATION				
< High School	86	5.5	0.9	10.1
High School	232	10.5	5.4	15.6
High School +	274	13.2	8.0	18.3
INCOME				
<\$15,000	115	9.0	2.2	15.8
\$15,000-24,999	123	6.3	-0.5	13.2
\$25,000-34,999	76	8.4	3.0	13.9
\$35,000-49,999	88	8.9	1.9	15.9
\$50,000-74,999	56	20.7	6.9	34.5
\$75,000+	58	17.3	6.2	28.4

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1" response to "About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?"

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Table 19.8.3 Had seen a doctor 2 or more times within the past 12 months

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	594	78.6	74.4	82.7
REGION				
Central	57	67.0	52.8	81.2
Kansas City Metro	103	74.6	65.5	83.7
Northeast	70	78.8	68.2	89.4
Northwest	81	72.5	61.3	83.6
Southeast	75	80.4	70.2	90.6
Southwest	56	71.9	57.9	85.9
St. Louis Metro	152	87.5	80.2	94.8
GENDER				
Female	354	83.6	78.9	88.2
Male	240	73.2	66.1	80.3
RACE				
African-American	84	76.9	63.1	90.7
Other	36	78.5	62.6	94.4
White	474	78.9	74.6	83.1
EDUCATION				
< High School	86	85.6	77.7	93.5
High School	232	76.0	68.4	83.5
High School +	274	78.4	72.4	84.3
INCOME				
<\$15,000	115	78.4	66.0	90.7
\$15,000-24,999	123	83.9	74.9	92.8
\$25,000-34,999	76	75.0	64.1	85.8
\$35,000-49,999	88	80.6	71.0	90.2
\$50,000-74,999	56	75.5	61.2	89.7
\$75,000+	58	74.4	61.4	87.4

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "2 or more times" response to "About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?"

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Table 19.9.1 Had 0 'A one C' test in past year

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	576	10.4	6.9	14.0
REGION				
Central	54	7.7	-0.3	15.7
Kansas City Metro	101	10.9	3.5	18.3
Northeast	68	11.3	3.9	18.7
Northwest	81	11.7	4.4	19.1
Southeast	68	11.1	2.8	19.5
Southwest	55	17.4	2.5	32.4
St. Louis Metro	149	7.4	1.7	13.2
GENDER				
Female	348	7.6	4.3	10.8
Male	228	13.5	7.1	19.8
RACE				
African-American	82	18.0	5.6	30.5
Other	37	26.3	3.4	49.3
White	457	7.5	4.3	10.6
EDUCATION				
< High School	86	16.5	6.3	26.7
High School	221	13.3	5.9	20.6
High School +	267	5.6	2.5	8.6
INCOME				
<\$15,000	110	21.5	7.9	35.2
\$15,000-24,999	122	13.3	6.3	20.2
\$25,000-34,999	75	6.6	1.6	11.6
\$35,000-49,999	86	10.7	-0.8	22.2
\$50,000-74,999	55	4.5	-1.6	10.5
\$75,000+	57	5.4	-1.2	12.0

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "0" response to "A test for A one C measures the average level of blood sugar over the past three months. About how many times in the past 12 months has a doctor, nurse, or other health professional checked you for "A one C"?"

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Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.9.2 Had 1 'A one C' test in past year

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	576	16.1	11.9	20.2
REGION				
Central	54	28.4	15.3	41.5
Kansas City Metro	101	16.0	8.3	23.7
Northeast	68	13.3	3.5	23.2
Northwest	81	15.1	5.8	24.4
Southeast	68	10.6	2.5	18.8
Southwest	55	21.2	7.4	35.1
St. Louis Metro	149	13.0	4.4	21.7
GENDER				
Female	348	16.2	10.2	22.2
Male	228	16.0	10.3	21.7
RACE				
African-American	82	17.8	6.5	29.1
Other	37	9.7	-3.2	22.6
White	457	16.4	11.6	21.1
EDUCATION				
< High School	86	12.0	3.5	20.5
High School	221	14.6	8.7	20.5
High School +	267	19.0	12.0	26.1
INCOME				
<\$15,000	110	12.2	4.9	19.6
\$15,000-24,999	122	13.5	4.4	22.7
\$25,000-34,999	75	16.0	6.7	25.4
\$35,000-49,999	86	10.6	3.1	18.2
\$50,000-74,999	55	15.8	3.7	27.9
\$75,000+	57	33.4	15.7	51.0

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1" response to "A test for A one C measures the average level of blood sugar over the past three months. About how many times in the past 12 months has a doctor, nurse, or other health professional checked you for "A one C"?"

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Table 19.9.3 Had 2 or more 'A one C' tests in past year

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	576	73.5	68.6	78.4
REGION				
Central	54	63.9	51.2	76.6
Kansas City Metro	101	73.1	63.1	83.1
Northeast	68	75.4	63.6	87.1
Northwest	81	73.2	62.0	84.4
Southeast	68	78.2	67.1	89.4
Southwest	55	61.4	45.9	76.9
St. Louis Metro	149	79.6	69.5	89.6
GENDER				
Female	348	76.3	69.8	82.8
Male	228	70.6	63.1	78.1
RACE				
African-American	82	64.1	49.2	79.1
Other	37	64.0	40.6	87.4
White	457	76.2	70.9	81.5
EDUCATION				
< High School	86	71.5	58.9	84.0
High School	221	72.1	63.7	80.6
High School +	267	75.4	68.0	82.8
INCOME				
<\$15,000	110	66.2	52.7	79.7
\$15,000-24,999	122	73.2	62.2	84.2
\$25,000-34,999	75	77.4	66.9	87.8
\$35,000-49,999	86	78.7	66.8	90.5
\$50,000-74,999	55	79.7	66.5	93.0
\$75,000+	57	61.2	43.6	78.9

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "2 or more" response to "About how many times in the past 12 months has a doctor, nurse, or other health professional checked you for "A one C"?"

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Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management
Table 19.10 Feet checked by a health professional in past year for any sores or irritations
Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	508	79.6	74.5	84.8
REGION				
Central	49	76.1	62.7	89.5
Kansas City Metro	89	83.5	74.7	92.3
Northeast	61	66.4	49.3	83.4
Northwest	64	87.5	79.0	95.9
Southeast	62	77.8	65.8	89.8
Southwest	48	81.2	68.1	94.3
St. Louis Metro	135	79.1	67.5	90.6
GENDER				
Female	312	79.1	72.6	85.6
Male	196	80.2	72.1	88.3
RACE				
African-American	74	85.2	75.8	94.6
Other	27	86.3	71.0	101.6
White	407	78.1	72.0	84.1
EDUCATION				
< High School	71	70.9	53.9	87.9
High School	195	75.8	67.9	83.8
High School +	240	86.0	79.5	92.5
INCOME				
<\$15,000	101	71.5	59.4	83.7
\$15,000-24,999	106	89.9	83.7	96.0
\$25,000-34,999	59	74.9	60.5	89.2
\$35,000-49,999	76	77.6	64.9	90.2
\$50,000-74,999	51	78.9	59.4	98.5
\$75,000+	50	80.5	64.8	96.2

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1 or greater" to "About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?" AND "1 or greater" to "About how many times in the past 12 months has a health professional checked your feet for sores or irritations?"

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Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.11.1 Had dilated eye exam within past year

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	608	68.8	63.6	74.1
REGION				
Central	57	74.0	61.4	86.7
Kansas City Metro	105	75.5	66.3	84.7
Northeast	73	70.7	58.6	82.7
Northwest	81	66.1	53.2	79.0
Southeast	76	56.2	43.0	69.3
Southwest	59	73.6	60.7	86.5
St. Louis Metro	157	66.3	54.3	78.2
GENDER				
Female	364	69.3	62.7	75.9
Male	244	68.4	60.2	76.5
RACE				
African-American	90	68.2	54.3	82.1
Other	35	62.5	40.3	84.6
White	483	69.5	63.7	75.3
EDUCATION				
< High School	93	51.3	36.9	65.7
High School	234	69.4	61.4	77.4
High School +	279	75.5	68.6	82.4
INCOME				
<\$15,000	118	58.5	45.2	71.8
\$15,000-24,999	128	69.7	58.3	81.0
\$25,000-34,999	76	72.0	59.2	84.8
\$35,000-49,999	91	70.0	57.8	82.1
\$50,000-74,999	57	65.4	46.9	83.9
\$75,000+	56	83.0	73.0	93.0

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "Within the past year" to "When was the last time you had an eye exam in which the pupils were dilated?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.11.2 Had dilated eye exam 1 or more years ago

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	608	27.4	22.3	32.5
REGION				
Central	57	21.0	8.8	33.2
Kansas City Metro	105	20.9	12.6	29.2
Northeast	73	26.3	14.8	37.8
Northwest	81	29.7	17.3	42.1
Southeast	76	30.6	18.7	42.4
Southwest	59	25.1	12.4	37.9
St. Louis Metro	157	33.1	21.1	45.0
GENDER				
Female	364	28.1	21.6	34.6
Male	244	26.8	18.8	34.7
RACE				
African-American	90	29.9	16.0	43.7
Other	35	33.0	11.4	54.6
White	483	26.5	20.9	32.1
EDUCATION				
< High School	93	44.9	30.3	59.4
High School	234	26.0	18.4	33.6
High School +	279	21.6	14.9	28.3
INCOME				
<\$15,000	118	40.2	26.8	53.5
\$15,000-24,999	128	24.4	13.9	34.9
\$25,000-34,999	76	25.6	13.1	38.0
\$35,000-49,999	91	25.5	13.8	37.2
\$50,000-74,999	57	30.5	11.8	49.2
\$75,000+	56	15.0	5.7	24.3

Definition: "Yes" response to "Have you ever been told by a doctor you have diabetes?" AND "1 or more years ago" to "When was the last time you had an eye exam in which the pupils were dilated?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.12 Ever told by a doctor diabetes had affected their eyes or they had retinopathy

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	602	18.3	13.8	22.7
REGION				
Central	56	11.8	3.2	20.3
Kansas City Metro	104	16.8	8.0	25.5
Northeast	73	10.1	3.0	17.3
Northwest	81	12.4	4.7	20.1
Southeast	76	25.6	12.6	38.5
Southwest	58	23.8	8.4	39.1
St. Louis Metro	154	17.9	9.4	26.3
GENDER				
Female	362	16.1	11.2	21.0
Male	240	20.5	12.9	28.1
RACE				
African-American	88	23.0	10.3	35.7
Other	36	26.6	2.2	51.1
White	478	16.6	11.9	21.2
EDUCATION				
< High School	90	23.8	10.3	37.3
High School	232	19.5	11.6	27.3
High School +	278	15.1	9.7	20.5
INCOME				
<\$15,000	115	24.8	12.4	37.3
\$15,000-24,999	127	16.6	7.0	26.1
\$25,000-34,999	78	18.3	6.8	29.7
\$35,000-49,999	87	21.5	8.6	34.3
\$50,000-74,999	57	20.5	7.1	33.8
\$75,000+	58	5.3	-4.8	15.5

Definition: "Yes" responses to "Have you ever been told by a doctor you have diabetes?" AND "Has a doctor ever told you that diabetes has affected your eyes or that you had retinopathy?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 19 Pre-Diabetes and Diabetes Prevalence and Management

Table 19.13 Had ever taken a class on how to manage their diabetes

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	613	58.0	52.5	63.6
REGION				
Central	58	49.8	34.7	65.0
Kansas City Metro	105	72.9	63.4	82.3
Northeast	74	48.3	34.2	62.3
Northwest	83	58.6	45.7	71.5
Southeast	77	51.3	38.1	64.6
Southwest	59	59.8	44.2	75.4
St. Louis Metro	157	54.3	42.0	66.5
GENDER				
Female	367	65.1	59.0	71.1
Male	246	50.6	41.8	59.5
RACE				
African-American	90	73.1	62.4	83.7
Other	37	39.4	18.1	60.7
White	486	56.8	50.5	63.1
EDUCATION				
< High School	94	44.9	30.8	59.0
High School	238	55.8	46.4	65.1
High School +	279	65.6	58.3	72.9
INCOME				
<\$15,000	119	61.8	50.4	73.2
\$15,000-24,999	129	52.2	38.7	65.7
\$25,000-34,999	78	57.5	42.8	72.2
\$35,000-49,999	90	60.1	46.4	73.8
\$50,000-74,999	57	52.3	34.7	69.9
\$75,000+	58	75.3	62.7	87.9

Definition: "Yes" responses to "Have you ever been told by a doctor you have diabetes?" AND "Have you ever taken a course or class in how to manage your diabetes yourself?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 20 Asthma Prevalence

Table 20.1 Adults who have ever been told by a health professional they have asthma
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,041	14.5	12.8	16.1	14.7	13.0	16.5
REGION							
Central	562	11.4	7.3	15.5	11.6	7.5	15.7
Kansas City Metro	952	13.6	10.6	16.7	14.1	10.7	17.5
Northeast	588	17.2	11.2	23.2	17.0	12.0	22.0
Northwest	604	14.4	10.4	18.3	15.3	10.6	20.1
Southeast	556	15.8	11.6	20.0	16.6	11.9	21.2
Southwest	555	14.7	10.6	18.8	14.2	10.0	18.5
St. Louis Metro	1,224	15.2	11.6	18.7	15.6	12.0	19.2
GENDER							
Female	3,124	15.4	13.4	17.4	15.6	13.5	17.8
Male	1,917	13.5	10.7	16.3	13.7	10.9	16.4
RACE							
African-American	441	15.3	10.9	19.7	15.4	10.9	19.8
Other	304	17.3	10.0	24.5	17.4	10.9	24.0
White	4,257	14.1	12.3	16.0	14.4	12.4	16.4
EDUCATION							
< High School	535	20.7	13.8	27.6	21.3	14.6	28.0
High School	1,764	12.9	10.3	15.5	13.8	10.8	16.8
High School +	2,733	14.2	12.0	16.5	14.3	11.9	16.7
INCOME							
<\$15,000	550	21.8	14.9	28.8	23.1	16.5	29.8
\$15,000-24,999	848	20.0	15.0	24.9	20.1	15.3	25.0
\$25,000-34,999	597	11.2	7.2	15.2	12.1	7.4	16.7
\$35,000-49,999	746	15.8	10.7	20.8	16.5	10.9	22.0
\$50,000-74,999	693	11.9	8.0	15.8	11.1	7.3	15.0
\$75,000+	905	11.0	8.0	14.0	11.8	7.3	16.3

Definition: "Yes" response to the question "Have you ever been told by a doctor, nurse or other health professional that you had asthma?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 20 Asthma Prevalence

Table 20.2 Adults who have been told they currently have asthma
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,026	9.5	8.1	10.9	9.5	8.0	11.0
REGION							
Central	561	8.5	4.8	12.3	8.7	4.9	12.4
Kansas City Metro	951	9.1	6.8	11.4	8.8	6.5	11.1
Northeast	586	11.7	5.8	17.7	11.6	6.6	16.5
Northwest	600	8.7	5.8	11.6	8.9	5.9	11.9
Southeast	554	9.5	6.4	12.6	9.9	6.2	13.5
Southwest	553	10.3	6.9	13.8	10.3	6.4	14.2
St. Louis Metro	1,221	9.5	6.5	12.5	9.6	6.5	12.7
GENDER							
Female	3,112	11.1	9.4	12.8	11.1	9.2	12.9
Male	1,914	7.8	5.5	10.1	7.8	5.5	10.1
RACE							
African-American	440	10.3	6.5	14.1	10.3	6.5	14.1
Other	304	13.7	7.3	20.2	13.8	7.7	20.0
White	4,243	9.0	7.5	10.5	9.0	7.3	10.6
EDUCATION							
< High School	534	16.3	9.6	23.0	15.6	10.0	21.2
High School	1,761	7.7	5.7	9.7	8.0	5.6	10.3
High School +	2,722	9.3	7.5	11.1	9.1	7.2	11.0
INCOME							
<\$15,000	548	14.9	8.7	21.1	15.6	9.9	21.4
\$15,000-24,999	843	13.8	9.7	17.8	13.6	9.2	18.0
\$25,000-34,999	595	6.9	4.2	9.6	6.7	3.8	9.7
\$35,000-49,999	745	10.6	6.0	15.3	11.5	6.2	16.8
\$50,000-74,999	692	7.5	4.2	10.7	6.4	3.8	9.0
\$75,000+	903	6.2	4.1	8.4	5.9	3.7	8.1

Definition: "Yes" or "No" response to the question "Have you ever been told by a doctor, nurse or other health professional that you had asthma?" AND "Yes" response to the question "Do you still have asthma?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.1 Adults who have been told they have arthritis

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,849	31.0	29.2	32.8	28.8	27.2	30.4
REGION							
Central	547	33.0	27.8	38.2	33.1	28.1	38.0
Kansas City Metro	915	26.3	23.1	29.5	24.1	21.5	26.7
Northeast	571	34.0	29.3	38.6	30.8	26.4	35.2
Northwest	581	30.0	25.4	34.5	28.8	25.1	32.5
Southeast	541	33.2	28.6	37.8	30.6	26.6	34.6
Southwest	537	34.4	29.6	39.3	31.5	27.5	35.6
St. Louis Metro	1,157	30.6	26.9	34.4	27.9	24.9	31.0
GENDER							
Female	3,017	35.3	32.9	37.7	32.2	29.9	34.5
Male	1,832	26.3	23.6	29.0	25.0	22.8	27.2
RACE							
African-American	411	26.5	20.7	32.2	25.6	21.6	29.7
Other	285	38.2	30.1	46.2	39.1	31.7	46.4
White	4,117	30.8	28.8	32.7	28.3	26.6	30.0
EDUCATION							
< High School	506	42.0	35.1	49.0	40.8	34.2	47.4
High School	1,693	33.3	30.1	36.4	29.0	26.3	31.6
High School +	2,643	27.8	25.5	30.1	26.8	24.9	28.7
INCOME							
<\$15,000	529	40.6	33.7	47.5	40.5	34.7	46.4
\$15,000-24,999	818	40.7	35.6	45.8	37.2	32.1	42.2
\$25,000-34,999	579	36.8	31.3	42.2	30.6	25.7	35.6
\$35,000-49,999	719	25.5	21.5	29.6	25.4	22.0	28.9
\$50,000-74,999	678	27.1	22.5	31.8	26.7	22.8	30.6
\$75,000+	874	25.1	21.5	28.8	23.9	20.8	27.1

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.2 Limited in usual activities because of arthritis or joint symptoms

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,983	44.1	40.9	47.3	35.7	31.8	39.7
REGION							
Central	226	42.1	33.6	50.6	34.5	28.2	40.7
Kansas City Metro	329	45.4	39.0	51.8	36.9	29.5	44.3
Northeast	225	41.9	34.3	49.6	40.1	26.7	53.5
Northwest	250	48.7	41.2	56.2	42.1	35.9	48.3
Southeast	239	44.8	37.5	52.0	35.9	25.9	45.9
Southwest	240	45.0	37.3	52.8	41.3	31.3	51.3
St. Louis Metro	474	43.3	36.7	49.8	5.3	4.1	6.5
GENDER							
Female	1,348	47.5	43.6	51.4	39.2	34.2	44.2
Male	635	39.0	33.8	44.3	29.7	24.4	35.0
RACE							
African-American	161	55.6	44.2	66.9	45.0	33.1	57.0
Other	137	43.4	31.1	55.7	42.7	29.8	55.6
White	1,668	43.1	39.7	46.5	33.4	30.1	36.6
EDUCATION							
< High School	270	60.8	51.3	70.3	55.3	46.6	64.0
High School	739	40.8	35.8	45.7	33.9	24.4	43.3
High School +	970	41.9	37.5	46.4	33.8	28.9	38.7
INCOME							
<\$15,000	290	66.0	56.9	75.0	54.6	46.8	62.3
\$15,000-24,999	402	51.3	43.9	58.8	48.6	39.1	58.1
\$25,000-34,999	261	43.9	35.8	52.0	26.8	17.4	36.2
\$35,000-49,999	275	43.6	35.8	51.5	25.9	19.0	32.8
\$50,000-74,999	211	34.8	25.0	44.5	25.1	16.4	33.7
\$75,000+	248	32.3	24.8	39.8	11.7	8.5	14.9

Definition: "Yes" responses to the question (Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Arthritis can cause symptoms like pain, aching, or stiffness in or around a joint. Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.3 Arthritis or joint symptoms affect ability to work

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,972	29.8	26.7	32.8	28.2	23.4	32.9
REGION							
Central	225	28.7	21.4	36.0	24.6	18.3	30.8
Kansas City Metro	327	28.2	22.1	34.3	25.3	17.9	32.7
Northeast	224	27.4	20.7	34.0	39.1	32.8	45.5
Northwest	250	29.5	22.7	36.4	26.7	18.5	34.8
Southeast	237	31.9	25.1	38.7	32.5	21.8	43.3
Southwest	240	28.8	21.4	36.2	28.0	18.3	37.6
St. Louis Metro	469	31.1	24.6	37.6	2.5	1.6	3.4
GENDER							
Female	1,341	28.9	25.2	32.6	28.0	22.9	33.1
Male	631	31.0	25.8	36.2	30.5	20.0	41.1
RACE							
African-American	159	29.1	19.1	39.0	19.8	12.4	27.1
Other	137	38.3	26.3	50.3	39.2	24.4	54.1
White	1,658	29.0	25.7	32.3	23.0	19.7	26.2
EDUCATION							
< High School	267	42.3	32.8	51.7	49.5	37.8	61.1
High School	735	32.1	27.1	37.1	32.2	21.8	42.6
High School +	966	25.1	20.9	29.2	34.3	29.7	38.8
INCOME							
<\$15,000	286	53.3	44.1	62.4	45.6	38.2	52.9
\$15,000-24,999	397	35.7	28.3	43.0	34.4	25.6	43.2
\$25,000-34,999	261	26.0	18.6	33.5	56.1	49.0	63.2
\$35,000-49,999	274	32.6	24.7	40.5	14.0	10.1	17.8
\$50,000-74,999	209	26.6	16.9	36.3	17.3	11.6	23.1
\$75,000+	248	16.7	10.5	22.8	6.3	3.3	9.2

Definition: "Yes" responses to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Do arthritis or joint symptoms now affect whether you work, the type of work you do, or the amount of work you do? (Note: Work refers to work for pay)"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.4.1 Arthritis or joint symptoms interfered with social activities a lot in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,982	15.6	13.3	18.0	12.1	9.6	14.6
REGION							
Central	228	11.7	7.0	16.4	9.9	5.4	14.3
Kansas City Metro	328	14.0	9.8	18.2	9.9	6.0	13.7
Northeast	226	14.0	9.2	18.9	17.2	5.2	29.3
Northwest	247	16.4	10.8	22.0	16.5	9.4	23.5
Southeast	239	18.1	12.9	23.2	10.1	6.7	13.4
Southwest	240	12.5	8.4	16.6	15.2	9.5	20.8
St. Louis Metro	474	18.8	13.4	24.3	1.9	1.1	2.8
GENDER							
Female	1,347	18.6	15.6	21.6	14.9	11.5	18.2
Male	635	11.3	7.6	14.9	7.8	5.0	10.5
RACE							
African-American	161	22.3	12.9	31.7	18.4	9.4	27.5
Other	136	20.4	10.6	30.3	20.3	9.7	30.8
White	1,667	14.6	12.1	17.0	10.5	8.6	12.3
EDUCATION							
< High School	268	25.5	18.2	32.9	22.2	13.1	31.3
High School	740	17.1	13.2	21.0	15.8	7.3	24.2
High School +	970	12.2	9.0	15.3	9.1	6.6	11.5
INCOME							
<\$15,000	289	33.8	25.8	41.8	28.6	21.4	35.8
\$15,000-24,999	402	20.8	15.1	26.4	16.4	11.2	21.5
\$25,000-34,999	261	15.3	9.1	21.5	7.4	4.3	10.4
\$35,000-49,999	273	8.8	4.6	13.1	4.7	2.2	7.2
\$50,000-74,999	210	11.6	3.1	20.1	5.5	2.2	8.7
\$75,000+	248	6.7	2.1	11.3	2.8	0.7	5.0

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "A lot" response to the question "During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies or to religious or social gatherings: A lot, A little, Not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.4.2 Arthritis or joint symptoms interfered with social activities a little in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,982	25.3	22.6	28.0	25.1	19.5	30.7
REGION							
Central	228	24.2	17.6	30.9	19.0	13.6	24.4
Kansas City Metro	328	28.6	22.6	34.7	39.7	33.6	45.8
Northeast	226	22.9	16.5	29.4	26.0	13.5	38.5
Northwest	247	25.8	19.6	32.0	23.8	15.4	32.1
Southeast	239	29.8	22.8	36.9	37.9	27.0	48.8
Southwest	240	28.7	21.2	36.3	21.7	12.5	30.8
St. Louis Metro	474	21.3	16.0	26.6	3.4	2.3	4.5
GENDER							
Female	1,347	27.9	24.4	31.4	24.9	20.3	29.4
Male	635	21.4	17.2	25.7	32.7	26.6	38.8
RACE							
African-American	161	35.7	23.6	47.9	26.4	16.8	35.9
Other	136	23.9	13.4	34.5	34.0	21.9	46.0
White	1,667	24.5	21.6	27.3	21.2	18.0	24.4
EDUCATION							
< High School	268	32.0	22.8	41.2	33.0	20.6	45.5
High School	740	24.9	20.6	29.3	35.2	24.4	46.1
High School +	970	23.7	20.0	27.4	32.3	28.2	36.4
INCOME							
<\$15,000	289	33.1	23.7	42.5	28.9	20.5	37.3
\$15,000-24,999	402	31.1	24.5	37.8	30.0	23.0	37.1
\$25,000-34,999	261	26.5	19.3	33.7	51.3	41.8	60.8
\$35,000-49,999	273	29.0	21.7	36.2	46.6	40.3	53.0
\$50,000-74,999	210	19.9	12.9	26.8	23.5	12.9	34.0
\$75,000+	248	15.5	10.3	20.6	5.0	2.6	7.4

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "A little" response to the question "During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies or to religious or social gatherings: A lot, A little, Not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.4.3 Arthritis or joint symptoms did not at all interfere with social activities in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	1,982	59.1	55.9	62.2	62.8	56.5	69.1
REGION							
Central	228	64.1	56.2	72.0	71.1	64.9	77.4
Kansas City Metro	328	57.4	51.0	63.8	50.5	44.2	56.7
Northeast	226	63.0	55.7	70.4	56.8	51.2	62.3
Northwest	247	57.8	50.4	65.2	59.8	51.2	68.3
Southeast	239	52.1	44.8	59.5	52.0	41.3	62.8
Southwest	240	58.8	51.0	66.6	63.2	53.1	73.3
St. Louis Metro	474	59.9	53.4	66.4	7.6	6.4	8.8
GENDER							
Female	1,347	53.5	49.6	57.4	60.3	55.1	65.5
Male	635	67.3	62.2	72.4	59.5	53.2	65.9
RACE							
African-American	161	42.0	30.9	53.1	55.2	44.9	65.5
Other	136	55.6	43.1	68.2	45.8	34.7	56.8
White	1,667	61.0	57.6	64.3	51.3	47.9	54.8
EDUCATION							
< High School	268	42.5	32.9	52.1	44.8	32.6	56.9
High School	740	58.0	52.9	63.0	49.0	41.1	56.9
High School +	970	64.2	59.8	68.5	58.7	54.2	63.2
INCOME							
<\$15,000	289	33.1	24.7	41.5	42.5	35.8	49.2
\$15,000-24,999	402	48.1	40.7	55.5	53.6	45.9	61.3
\$25,000-34,999	261	58.2	49.9	66.4	41.4	31.7	51.1
\$35,000-49,999	273	62.2	54.5	69.9	48.7	42.1	55.3
\$50,000-74,999	210	68.6	59.0	78.2	71.1	60.2	82.0
\$75,000+	248	77.8	71.3	84.3	23.3	20.4	26.2

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Not at all" response to the question "During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies or to religious or social gatherings: A lot, A little, Not at all?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management Table 21.5.1 Can do most or everything would like to do

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,890	68.8	65.8	71.8	75.6	72.1	79.2
REGION							
Central	217	75.1	68.4	81.7	80.3	74.7	85.8
Kansas City Metro	313	64.2	57.8	70.6	70.7	63.1	78.2
Northeast	213	73.6	67.2	80.1	73.2	52.7	93.7
Northwest	237	66.6	59.8	73.4	71.6	60.7	82.6
Southeast	230	62.6	55.5	69.7	75.6	69.2	81.9
Southwest	233	70.4	63.4	77.4	73.4	67.4	79.4
St. Louis Metro	447	69.4	63.0	75.8	""	""	""
GENDER							
Female	1,284	66.0	62.4	69.7	73.5	69.2	77.7
Male	606	72.8	67.7	77.9	78.8	73.1	84.5
RACE							
African-American	148	53.2	42.0	64.4	64.1	52.3	75.9
Other	122	66.8	54.5	79.1	64.1	47.9	80.3
White	1,603	70.3	67.1	73.5	60.9	58.2	63.6
EDUCATION							
< High School	254	47.4	37.7	57.0	57.9	47.1	68.7
High School	696	69.0	64.1	73.9	63.6	57.3	69.9
High School +	936	74.0	70.0	77.9	79.9	76.0	83.7
INCOME							
<\$15,000	270	46.6	36.9	56.4	53.6	46.3	60.9
\$15,000"24,999	379	59.1	51.7	66.5	68.5	61.7	75.4
\$25,000"34,999	252	79.5	73.8	85.2	82.6	74.1	91.1
\$35,000"49,999	263	69.8	62.3	77.4	83.2	78.6	87.9
\$50,000"74,999	204	71.7	61.9	81.6	83.2	77.6	88.9
\$75,000+	240	83.3	77.1	89.5	10.1	8.4	11.8

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Can do everything" AND "Can do most things I would like to do" responses to "Earlier you indicated that you had arthritis or joint symptoms. Think about your arthritis or joint symptoms, which of the following best describes you today?" I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.5.2 Can do some things would like to do

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,890	23.7	20.9	26.5	17.7	14.9	20.6
REGION							
Central	217	18.1	12.6	23.7	14.1	9.5	18.6
Kansas City Metro	313	27.3	21.4	33.3	21.2	14.4	27.9
Northeast	213	20.5	14.7	26.4	11.5	8.2	14.7
Northwest	237	24.6	18.6	30.7	21.8	11.4	32.2
Southeast	230	23.9	17.8	29.9	18.3	12.1	24.5
Southwest	233	23.2	16.8	29.7	19.9	15.1	24.8
St. Louis Metro	447	24.4	18.2	30.7	--	--	--
GENDER							
Female	1,284	25.3	22.0	28.7	18.6	15.3	21.9
Male	606	21.3	16.4	26.2	17.0	11.6	22.5
RACE							
African-American	148	40.3	29.0	51.7	32.0	20.2	43.9
Other	122	23.9	12.9	35.0	20.2	10.3	30.0
White	1,603	22.3	19.3	25.3	16.3	13.9	18.7
EDUCATION							
< High School	254	32.4	23.7	41.2	26.3	17.3	35.4
High School	696	23.9	19.2	28.6	18.0	12.1	23.8
High School +	936	21.5	17.7	25.3	16.3	12.7	19.9
INCOME							
<\$15,000	270	32.5	24.5	40.6	27.7	20.4	35.0
\$15,000"24,999	379	33.6	26.4	40.9	26.3	19.6	33.0
\$25,000"34,999	252	14.3	9.7	18.9	14.4	6.1	22.8
\$35,000"49,999	263	25.4	18.3	32.6	12.6	8.8	16.4
\$50,000"74,999	204	23.6	13.8	33.3	13.0	8.7	17.3
\$75,000+	240	14.2	8.3	20.1	2.7	1.0	4.4

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Can do some things" response to "Earlier you indicated that you had arthritis or joint symptoms. Think about your arthritis or joint symptoms, which of the following best describes you today?" I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.5.3 Can hardly do anything would like to do

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,890	7.5	6.1	9.0	6.6	4.3	9.0
REGION							
Central	217	6.8	3.0	10.6	5.7	2.0	9.4
Kansas City Metro	313	8.5	4.8	12.1	8.2	3.2	13.2
Northeast	213	5.9	2.8	9.0	15.3	0.0	35.6
Northwest	237	8.8	4.5	13.1	6.6	1.8	11.3
Southeast	230	13.5	8.6	18.4	6.1	4.1	8.1
Southwest	233	6.4	2.9	9.9	6.6	2.7	10.5
St. Louis Metro	447	6.2	3.4	9.0	--	--	--
GENDER							
Female	1,284	8.7	6.6	10.7	7.9	4.9	11.0
Male	606	5.9	3.8	8.0	4.2	2.2	6.2
RACE							
African-American	148	6.5	2.3	10.7	3.9	1.4	6.3
Other	122	9.3	2.4	16.2	15.7	2.0	29.4
White	1,603	7.4	5.8	9.0	5.8	4.3	7.4
EDUCATION							
< High School	254	20.2	13.3	27.1	15.8	7.5	24.1
High School	696	7.1	4.8	9.5	18.5	15.6	21.4
High School +	936	4.5	2.9	6.1	3.8	2.2	5.5
INCOME							
<\$15,000	270	20.9	13.8	27.9	18.7	11.5	25.9
\$15,000"24,999	379	7.3	4.3	10.3	5.2	2.9	7.5
\$25,000"34,999	252	6.3	2.8	9.7	3.0	1.4	4.6
\$35,000"49,999	263	4.8	1.1	8.4	4.2	1.1	7.2
\$50,000"74,999	204	4.7	0.9	8.5	3.8	0.0	7.6
\$75,000+	240	2.5	0.3	4.7	0.1	0.0	0.2

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Can hardly do anything" response to "Earlier you indicated that you had arthritis or joint symptoms. Think about your arthritis or joint symptoms, which of the following best describes you today?" I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

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Table 21.6 Doctor suggested losing weight to help with arthritis or joint symptoms

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,890	33.2	30.1	36.3	27.9	23.4	32.3
REGION							
Central	217	34.1	25.6	42.6	31.7	19.9	43.6
Kansas City Metro	313	32.4	26.4	38.3	26.2	19.5	33.0
Northeast	214	27.6	21.0	34.2	41.8	18.7	65.0
Northwest	236	37.1	29.7	44.5	24.9	15.8	34.1
Southeast	231	29.1	22.5	35.6	25.5	17.8	33.2
Southwest	232	29.2	21.8	36.6	30.8	24.4	37.1
St. Louis Metro	447	36.9	30.3	43.6	--	--	--
GENDER							
Female	1,286	34.4	30.6	38.2	29.3	24.5	34.0
Male	604	31.5	26.1	36.8	35.9	30.5	41.3
RACE							
African-American	148	43.1	30.8	55.5	31.2	21.6	40.8
Other	123	30.5	18.4	42.6	39.1	23.5	54.8
White	1,601	32.6	29.2	36.0	24.9	21.7	28.1
EDUCATION							
< High School	254	30.1	21.0	39.1	26.0	14.0	38.0
High School	696	31.8	26.9	36.8	23.4	17.8	28.9
High School +	936	34.9	30.4	39.3	41.6	36.7	46.6
INCOME							
<\$15,000	271	37.5	28.8	46.2	27.8	20.7	34.9
\$15,000"24,999	378	33.3	25.9	40.6	32.7	22.8	42.7
\$25,000"34,999	252	30.1	22.7	37.5	49.5	40.4	58.6
\$35,000"49,999	264	37.2	29.4	45.0	29.2	17.2	41.3
\$50,000"74,999	204	32.7	23.0	42.3	32.4	21.4	43.4
\$75,000+	239	32.0	24.0	39.9	4.6	2.5	6.6

Definition: "Yes" responses to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Has a doctor or other health professional EVER suggested losing weight to help your arthritis or joint symptoms?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.7 Doctor suggested physical activity or exercise to help with arthritis or joint symptoms

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,880	57.1	53.9	60.4	50.1	45.6	54.6
REGION							
Central	215	56.5	46.9	66.1	53.1	41.3	64.8
Kansas City Metro	307	54.9	48.3	61.5	54.7	46.8	62.6
Northeast	214	52.4	44.4	60.5	57.2	36.4	77.9
Northwest	237	61.4	54.3	68.5	47.8	35.5	60.0
Southeast	231	54.2	46.6	61.8	54.0	43.1	64.9
Southwest	230	56.6	48.6	64.5	55.8	47.6	63.9
St. Louis Metro	446	59.8	53.1	66.5	--	--	--
GENDER							
Female	1,277	59.9	55.9	63.9	54.2	48.8	59.5
Male	603	53.1	47.5	58.7	43.1	35.9	50.3
RACE							
African-American	149	66.5	55.2	77.7	56.8	46.7	67.0
Other	120	42.2	28.8	55.6	46.0	30.1	61.8
White	1,593	57.6	54.1	61.1	46.5	42.8	50.1
EDUCATION							
< High School	253	48.8	38.9	58.7	44.7	34.0	55.3
High School	693	60.8	55.7	66.0	65.0	57.2	72.9
High School +	930	56.7	52.0	61.3	48.9	43.5	54.3
INCOME							
<\$15,000	269	53.2	43.5	63.0	40.3	32.3	48.4
\$15,000-\$24,999	377	50.6	42.9	58.3	58.7	51.9	65.5
\$25,000-\$34,999	252	61.9	53.6	70.1	38.2	28.3	48.2
\$35,000-\$49,999	263	60.0	52.1	67.9	52.1	39.3	65.0
\$50,000-\$74,999	204	61.3	51.2	71.4	61.3	50.6	72.0
\$75,000+	238	58.7	50.6	66.9	7.0	4.9	9.2

Definition: "Yes" responses to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Has a doctor or other health professional ever suggested physical activity or exercise to help you arthritis or joint symptoms?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 21 Arthritis Burden and Management

Table 21.8 Had ever taken a class or course to learn how to manage arthritis

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	1,892	10.5	8.5	12.5	9.9	7.4	12.5
REGION							
Central	217	14.2	7.3	21.0	16.8	5.5	28.1
Kansas City Metro	314	9.6	6.0	13.2	8.5	3.9	13.0
Northeast	213	8.3	3.9	12.8	11.4	0.7	22.1
Northwest	238	9.8	4.7	15.0	14.3	3.9	24.7
Southeast	231	9.9	5.5	14.4	9.5	2.8	16.1
Southwest	232	11.0	6.8	15.1	10.4	5.6	15.2
St. Louis Metro	447	9.9	5.6	14.3	--	--	--
GENDER							
Female	1,287	13.1	10.1	16.1	11.6	8.2	15.1
Male	605	6.7	4.5	8.9	7.4	4.0	10.7
RACE							
African-American	148	18.1	5.5	30.7	17.2	5.1	29.4
Other	123	17.2	7.6	26.8	19.6	8.9	30.3
White	1,603	9.3	7.3	11.2	7.7	5.8	9.7
EDUCATION							
< High School	256	8.2	1.6	14.8	4.7	1.5	8.0
High School	696	6.5	3.8	9.2	6.4	2.7	10.2
High School +	936	13.8	10.7	16.8	12.9	9.2	16.5
INCOME							
<\$15,000	271	11.5	6.5	16.5	8.9	3.9	14.0
\$15,000"24,999	379	10.0	5.6	14.4	12.8	5.6	20.0
\$25,000"34,999	253	8.2	4.2	12.2	3.9	1.8	6.0
\$35,000"49,999	263	8.6	5.0	12.3	10.3	4.1	16.4
\$50,000"74,999	204	12.8	6.6	18.9	10.6	4.2	16.9
\$75,000+	240	9.1	3.8	14.4	0.8	0.0	1.5

Definition: "Yes" responses to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Have you EVER taken an educational course or class to teach you how to manage problems related to your arthritis or joint symptoms?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Overall Health Measures

Chapter 22 Cancer Survivorship

Table 22.1 Had ever been told by a doctor or other health professional had cancer

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,664	11.6	10.4	12.7	10.5	9.5	11.5
REGION							
Central	529	11.2	8.6	13.7	10.7	8.5	12.8
Kansas City Metro	878	11.8	9.6	14.0	11.0	9.0	13.0
Northeast	549	11.8	9.0	14.5	9.7	7.6	11.8
Northwest	563	10.7	8.1	13.3	9.8	7.5	12.1
Southeast	518	12.2	9.2	15.2	10.2	7.7	12.7
Southwest	523	10.2	7.7	12.6	9.3	7.1	11.5
St. Louis Metro	1,104	12.1	9.6	14.6	11.0	8.8	13.2
GENDER							
Female	2,911	12.6	11.1	14.1	11.2	9.8	12.6
Male	1,753	10.4	8.7	12.2	10.0	8.5	11.5
RACE							
African-American	383	5.6	3.0	8.2	5.5	3.1	7.8
Other	268	9.2	4.2	14.2	9.0	4.7	13.4
White	3,980	12.4	11.1	13.6	11.1	10.0	12.2
EDUCATION							
< High School	480	12.3	8.7	15.9	9.7	6.6	12.7
High School	1,611	12.8	10.7	14.9	10.5	8.7	12.4
High School +	2,566	10.8	9.3	12.2	10.9	9.6	12.3
INCOME							
<\$15,000	498	10.6	7.6	13.7	10.2	7.3	13.0
\$15,000"24,999	784	13.5	10.3	16.6	10.9	7.8	14.1
\$25,000"34,999	560	12.3	9.2	15.5	8.6	6.4	10.7
\$35,000"49,999	704	9.1	6.6	11.5	8.9	6.7	11.1
\$50,000"74,999	655	10.8	8.0	13.6	12.0	9.4	14.7
\$75,000+	848	10.9	8.3	13.6	11.1	8.6	13.6

Definition: "Yes" response to "Have you ever been told by a doctor, nurse or other health professional that you had cancer?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 22 Cancer Survivorship

Table 22.2.1 Had one type of cancer

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	747	86.2	82.9	89.4	72.0	68.4	75.6
REGION							
Central	95	84.2	76.6	91.8	88.9	81.7	96.1
Kansas City Metro	146	89.5	84.3	94.6	93.0	89.5	96.5
Northeast	85	81.7	72.7	90.7	66.5	53.1	79.9
Northwest	92	78.8	67.6	90.1	94.2	90.6	97.8
Southeast	86	91.1	85.5	96.8	86.0	76.7	95.3
Southwest	83	90.1	81.2	99.0	--	--	--
St. Louis Metro	160	83.4	76.3	90.5	--	--	--
GENDER							
Female	492	85.4	81.2	89.6	87.9	83.2	92.7
Male	255	87.2	82.0	92.4	46.8	43.6	50.0
RACE							
African-American	30	96.5	91.4	101.5	63.8	57.2	70.4
Other	29	65.5	41.2	89.9	84.5	78.3	90.8
White	684	86.9	83.6	90.3	--	--	--
EDUCATION							
< High School	81	83.9	70.9	96.8	86.7	76.6	96.7
High School	285	85.7	80.5	90.9	88.8	82.4	95.1
High School +	380	86.8	82.4	91.2	10.4	9.4	11.3
INCOME							
<\$15,000	95	89.3	82.5	96.0	86.7	76.9	96.5
\$15,000"24,999	140	86.8	79.8	93.9	82.1	70.0	94.1
\$25,000"34,999	97	89.7	81.9	97.5	82.8	69.7	95.9
\$35,000"49,999	95	83.4	72.7	94.0	87.4	75.0	99.8
\$50,000"74,999	88	84.9	75.8	93.9	26.0	22.5	29.5
\$75,000+	110	88.7	81.5	95.8	--	--	--

Definition: "Yes" response to "Have you ever been told by a doctor, nurse or other health professional that you had cancer?" AND "Only one" to "How many different types of cancer have you had?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 22 Cancer Survivorship Table 22.2.2 Had two types of cancer

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	747	12.0	8.9	15.0	9.5	6.1	13.0
REGION							
Central	95	13.1	6.3	19.9	7.4	3.1	11.7
Kansas City Metro	146	9.2	4.3	14.0	5.6	2.3	8.9
Northeast	85	14.7	6.3	23.0	33.0	19.6	46.4
Northwest	92	21.2	9.9	32.4	5.4	1.8	8.9
Southeast	86	7.9	2.6	13.2	12.5	3.3	21.6
Southwest	83	9.9	1.0	18.8	--	--	--
St. Louis Metro	160	13.8	7.3	20.3	--	--	--
GENDER							
Female	492	12.8	8.9	16.7	11.0	6.3	15.7
Male	255	10.9	6.0	15.7	4.4	2.6	6.2
RACE							
African-American	30	2.0	1.9	5.9	21.2	0.0	42.8
Other	29	28.4	5.8	51.0	14.6	8.4	20.7
White	684	11.4	8.3	14.5	--	--	--
EDUCATION							
< High School	81	14.6	1.8	27.4	12.3	2.3	22.3
High School	285	13.0	8.0	18.1	9.3	3.4	15.2
High School +	380	10.8	6.9	14.7	2.1	1.3	3.0
INCOME							
<\$15,000	95	7.2	2.2	12.1	9.2	0.0	18.8
\$15,000"24,999	140	11.4	4.7	18.0	17.5	5.5	29.5
\$25,000"34,999	97	10.3	2.5	18.1	17.1	4.0	30.2
\$35,000"49,999	95	16.5	5.8	27.1	12.6	0.2	25.0
\$50,000"74,999	88	15.1	6.1	24.2	2.9	0.6	5.1
\$75,000+	110	7.0	1.9	12.0	--	--	--

Definition: "Yes" response to "Have you ever been told by a doctor, nurse or other health professional that you had cancer?" AND "Two" to "How many different types of cancer have you had?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 22 Cancer Survivorship

Table 22.2.3 Had three or more types of cancer

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	747	1.9	0.5	3.2	1.5	0.3	2.6
REGION							
Central	95	2.8	0.0	6.6	3.7	0.0	9.5
Kansas City Metro	146	1.4	0.0	3.2	1.4	0.0	2.9
Northeast	85	3.7	0.0	7.5	0.5	0.0	1.1
Northwest	92	--	--	--	--	--	--
Southeast	86	1.0	0.0	2.9	1.6	0.0	3.4
Southwest	83	--	--	--	--	--	--
St. Louis Metro	160	2.9	0.0	6.1	--	--	--
GENDER							
Female	492	1.8	0.2	3.5	1.1	0.1	2.0
Male	255	2.0	0.0	4.2	1.9	0.0	4.5
RACE							
African-American	30	--	--	--	--	--	--
Other	29	--	--	--	--	--	--
White	684	1.7	0.3	3.1	--	--	--
EDUCATION							
< High School	81	1.5	0.0	4.5	1.1	0.0	3.1
High School	285	1.2	0.0	2.5	1.9	0.0	4.3
High School +	380	2.4	0.1	4.7	0.4	0.0	0.9
INCOME							
<\$15,000	95	3.6	0.0	8.2	4.1	0.0	9.5
\$15,000"24,999	140	1.9	0.0	4.4	0.5	0.0	1.4
\$25,000"34,999	97	0.0	0.0	0.0	0.1	0.0	0.3
\$35,000"49,999	95	0.2	0.0	0.6	--	--	--
\$50,000"74,999	88	0.0	0.0	0.0	2.3	0.0	5.3
\$75,000+	110	4.4	0.0	9.7	--	--	--

Definition: "Yes" response to "Have you ever been told by a doctor, nurse or other health professional that you had cancer?" AND "Three or greater" to "How many different types of cancer have you had?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 22 Cancer Survivorship

Table 22.3 Breast, cervical, prostate, melanoma or other skin cancer as first-diagnosed type of cancer among cancer survivors

Cancer Type	Sample Size	Weighted Percent	95% Confidence Limits	
			Lower C.I.	Upper C.I.
Breast cancer among female cancer survivors	491	25.8	20.4	31.3
Cervical cancer among female cancer survivors	491	9.5	5.7	13.4
Prostate cancer among male cancer survivors	255	25.6	7.8	14.1
Melanoma among all cancer survivors	746	15.8	11.7	19.8
Other skin cancer among all cancer survivors	746	28.2	23.1	33.3

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?” AND “[type of cancer]” to “What type of cancer was it?” It refers to the first diagnosis of cancer.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Mental Health

Chapter 23 Emotional Support and Life Satisfaction

Table 23.1.1 Always or usually gets social and emotional support needed

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,640	79.9	78.1	81.7	80.0	78.1	82.0
REGION							
Central	524	80.8	76.1	85.4	80.6	75.8	85.4
Kansas City Metro	877	81.4	78.1	84.7	82.2	79.1	85.4
Northeast	543	79.1	74.8	83.4	80.4	76.1	84.6
Northwest	561	84.4	80.4	88.3	83.3	78.3	88.4
Southeast	513	78.2	73.7	82.7	79.5	74.6	84.4
Southwest	520	76.2	71.0	81.4	74.7	69.3	80.0
St. Louis Metro	1,102	80.4	76.8	84.0	80.4	76.6	84.3
GENDER							
Female	2,899	81.5	79.4	83.6	82.0	79.8	84.2
Male	1,741	78.1	75.1	81.1	78.0	74.8	81.2
RACE							
African-American	382	69.1	62.3	75.9	69.0	62.4	75.7
Other	267	73.2	65.7	80.7	72.9	65.4	80.3
White	3,958	81.5	79.6	83.4	81.7	79.6	83.8
EDUCATION							
< High School	470	62.7	55.5	69.8	61.4	53.9	68.9
High School	1,602	75.6	72.2	79.0	75.2	71.4	79.1
High School +	2,561	85.1	82.9	87.2	85.3	83.1	87.4
INCOME							
<\$15,000	494	63.0	55.9	70.1	61.6	55.1	68.1
\$15,000-24,999	777	68.1	63.1	73.1	69.3	64.0	74.6
\$25,000-34,999	557	75.2	69.4	80.9	72.2	65.3	79.2
\$35,000-49,999	699	82.2	77.2	87.1	83.2	78.9	87.4
\$50,000-74,999	656	86.5	82.8	90.1	86.4	82.6	90.2
\$75,000+	849	90.5	87.8	93.3	91.0	88.3	93.7

Definition: "Always" AND "Usually" responses to the question "How often do you get the social and emotional support you need?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 23 Emotional Support and Life Satisfaction

Table 23.1.2 Sometimes gets social and emotional support needed

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,640	13.3	11.8	14.8	13.3	11.7	15.0
REGION							
Central	524	13.9	9.5	18.3	14.2	9.7	18.7
Kansas City Metro	877	12.2	9.4	15.0	11.5	8.9	14.1
Northeast	543	11.9	8.2	15.6	11.0	7.5	14.4
Northwest	561	8.5	5.8	11.2	8.9	5.6	12.2
Southeast	513	15.1	11.0	19.2	14.9	10.3	19.5
Southwest	520	15.4	10.6	20.2	16.9	11.6	22.3
St. Louis Metro	1,102	13.1	10.3	15.9	12.9	10.1	15.8
GENDER							
Female	2,899	13.2	11.3	15.1	13.1	11.0	15.2
Male	1,741	13.5	11.1	15.9	13.5	11.0	16.0
RACE							
African-American	382	22.0	15.8	28.3	22.0	15.8	28.1
Other	267	17.6	11.2	24.0	17.1	10.9	23.2
White	3,958	12.2	10.6	13.8	12.3	10.5	14.0
EDUCATION							
< High School	470	23.3	16.9	29.7	23.8	16.9	30.7
High School	1,602	16.2	13.3	19.0	16.5	13.2	19.8
High School +	2,561	10.1	8.3	11.9	10.0	8.2	11.8
INCOME							
<\$15,000	494	19.6	13.9	25.3	19.5	13.7	25.3
\$15,000-24,999	777	20.2	15.7	24.7	20.4	15.5	25.2
\$25,000-34,999	557	17.9	12.7	23.2	19.3	13.0	25.7
\$35,000-49,999	699	10.8	7.3	14.3	10.5	7.1	14.0
\$50,000-74,999	656	9.8	6.5	13.1	9.5	6.2	12.9
\$75,000+	849	7.8	5.3	10.4	7.4	4.9	9.8

Definition: "Sometimes" response to the question "How often do you get the social and emotional support you need?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 23 Emotional Support and Life Satisfaction

Table 23.1.3 Rarely or never gets social and emotional support needed

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,640	6.8	5.6	8.0	6.6	5.4	7.9
REGION							
Central	524	5.3	3.4	7.2	5.2	3.3	7.1
Kansas City Metro	877	6.4	4.4	8.4	6.2	4.2	8.3
Northeast	543	9.0	6.3	11.7	8.7	5.8	11.5
Northwest	561	7.1	4.1	10.1	7.8	3.7	11.9
Southeast	513	6.7	4.5	9.0	5.6	3.6	7.5
Southwest	520	8.4	5.4	11.4	8.4	4.7	12.1
St. Louis Metro	1,102	6.5	3.9	9.1	6.6	3.7	9.5
GENDER							
Female	2,899	5.3	4.3	6.3	4.9	3.9	5.8
Male	1,741	8.4	6.3	10.6	8.5	6.2	10.8
RACE							
African-American	382	8.9	5.4	12.4	9.0	5.4	12.6
Other	267	9.2	4.4	14.0	10.1	4.9	15.2
White	3,958	6.4	5.1	7.6	6.1	4.7	7.5
EDUCATION							
< High School	470	14.0	9.8	18.3	14.8	10.2	19.4
High School	1,602	8.3	6.0	10.6	8.3	5.5	11.1
High School +	2,561	4.8	3.5	6.2	4.8	3.5	6.1
INCOME							
<\$15,000	494	17.4	12.5	22.2	18.9	13.8	24.0
\$15,000-24,999	777	11.7	8.8	14.6	10.3	7.6	13.1
\$25,000-34,999	557	6.9	3.5	10.3	8.4	3.9	13.0
\$35,000-49,999	699	7.0	3.0	11.0	6.3	3.4	9.2
\$50,000-74,999	656	3.8	2.0	5.5	4.1	2.3	5.9
\$75,000+	849	1.6	0.5	2.8	1.6	0.4	2.9

Definition: "Rarely" AND "Never" responses to the question "How often do you get the social and emotional support you need?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 23 Emotional Support and Life Satisfaction

Table 23.2.1 Very satisfied or satisfied with their life

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,661	94.2	93.1	95.3	94.5	93.4	95.5
REGION							
Central	529	94.1	91.7	96.5	93.9	91.3	96.5
Kansas City Metro	878	93.7	91.6	95.8	94.2	92.3	96.1
Northeast	549	95.6	93.7	97.4	95.9	94.1	97.6
Northwest	563	94.8	92.8	96.8	94.7	92.5	96.9
Southeast	518	96.0	94.2	97.7	96.4	94.7	98.1
Southwest	524	95.0	92.9	97.1	95.4	93.5	97.3
St. Louis Metro	1,100	93.4	91.0	95.9	93.7	91.2	96.2
GENDER							
Female	2,907	93.9	92.6	95.1	94.4	93.2	95.5
Male	1,754	94.6	92.8	96.3	94.7	93.0	96.4
RACE							
African-American	383	90.9	87.1	94.7	90.7	86.7	94.6
Other	268	93.0	88.6	97.4	93.1	89.2	97.0
White	3,977	94.6	93.5	95.8	94.9	93.8	96.1
EDUCATION							
< High School	477	91.0	87.7	94.4	89.8	85.8	93.8
High School	1,611	94.1	92.4	95.8	93.9	91.9	95.9
High School +	2,566	94.8	93.3	96.3	95.3	94.1	96.6
INCOME							
<\$15,000	495	81.3	76.4	86.2	79.9	75.0	84.9
\$15,000-24,999	783	90.9	87.9	93.9	90.9	87.9	94.0
\$25,000-34,999	560	97.8	96.7	99.0	97.9	96.8	99.1
\$35,000-49,999	703	93.3	89.1	97.4	94.2	91.2	97.2
\$50,000-74,999	654	96.7	94.5	99.0	96.7	94.0	99.3
\$75,000+	851	98.2	97.2	99.2	98.5	97.5	99.4

Definition: "Very satisfied" AND "Satisfied" responses to the question "In general, how satisfied are you with your life?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 23 Emotional Support and Life Satisfaction

Table 23.2.2 Dissatisfied or very dissatisfied with their life

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,661	5.8	4.7	6.9	5.5	4.5	6.6
REGION							
Central	529	5.9	3.5	8.3	6.1	3.5	8.7
Kansas City Metro	878	6.3	4.2	8.4	5.8	3.9	7.7
Northeast	549	4.5	2.6	6.3	4.1	2.4	5.9
Northwest	563	5.2	3.2	7.2	5.3	3.1	7.6
Southeast	518	4.0	2.3	5.8	3.6	1.9	5.3
Southwest	524	5.0	2.9	7.1	4.6	2.7	6.5
St. Louis Metro	1,100	6.6	4.1	9.0	6.3	3.8	8.8
GENDER							
Female	2,907	6.1	4.9	7.4	5.6	4.5	6.8
Male	1,754	5.4	3.7	7.2	5.3	3.6	7.1
RACE							
African-American	383	9.1	5.3	12.9	9.3	5.4	13.3
Other	268	7.0	2.6	11.4	6.9	3.0	10.8
White	3,977	5.4	4.3	6.6	5.1	4.0	6.2
EDUCATION							
< High School	477	9.0	5.6	12.3	10.2	6.2	14.2
High School	1,611	5.9	4.3	7.6	6.1	4.1	8.1
High School +	2,566	5.2	3.7	6.7	4.7	3.4	5.9
INCOME							
<\$15,000	495	18.7	13.8	23.6	20.1	15.1	25.0
\$15,000-24,999	783	9.1	6.1	12.1	9.1	6.0	12.1
\$25,000-34,999	560	2.2	1.0	3.3	2.1	0.9	3.2
\$35,000-49,999	703	6.8	2.6	10.9	5.9	2.9	8.8
\$50,000-74,999	654	3.3	1.0	5.5	3.4	0.7	6.0
\$75,000+	851	1.8	0.8	2.8	1.6	0.6	2.5

Definition: "Dissatisfied" AND "Very dissatisfied" responses to the question "In general, how satisfied are you with your life?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.1.1 Felt nervous all or most of the time during the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,606	7.6	6.3	8.8	7.5	6.2	8.8
REGION							
Central	526	7.0	3.8	10.1	7.1	3.9	10.3
Kansas City Metro	870	6.8	4.3	9.2	6.4	4.2	8.6
Northeast	537	5.0	3.1	6.9	4.6	2.7	6.5
Northwest	550	8.1	4.9	11.4	8.8	5.3	12.2
Southeast	514	8.3	5.6	11.0	8.3	5.3	11.4
Southwest	516	8.9	5.3	12.4	8.2	5.0	11.4
St. Louis Metro	1,093	7.7	5.2	10.2	7.8	5.0	10.6
GENDER							
Female	2,873	7.3	5.9	8.7	7.0	5.6	8.4
Male	1,733	7.9	5.8	10.0	7.9	5.7	10.1
RACE							
African-American	376	7.9	3.8	11.9	8.1	3.8	12.4
Other	262	8.9	3.5	14.3	9.3	3.9	14.8
White	3,935	7.4	6.1	8.7	7.3	5.8	8.7
EDUCATION							
< High School	470	17.3	11.7	22.9	20.9	14.4	27.4
High School	1,582	7.6	5.5	9.7	8.0	5.5	10.4
High School +	2,547	5.9	4.4	7.4	5.9	4.1	7.7
INCOME							
<\$15,000	486	21.1	13.6	28.7	21.2	14.0	28.4
\$15,000-24,999	772	12.3	8.8	15.9	13.9	9.7	18.0
\$25,000-34,999	552	7.5	3.3	11.7	7.8	3.4	12.1
\$35,000-49,999	698	6.8	3.8	9.8	5.8	3.6	8.1
\$50,000-74,999	651	4.5	2.1	6.9	4.8	1.9	7.8
\$75,000+	843	3.8	2.0	5.6	3.7	1.9	5.5

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.1.2 Felt nervous some of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,606	17.4	15.8	19.1	17.5	15.7	19.3
REGION							
Central	526	18.0	13.0	22.9	18.2	13.1	23.3
Kansas City Metro	870	18.6	15.2	22.1	19.5	15.5	23.5
Northeast	537	19.4	14.8	24.1	21.0	15.5	26.4
Northwest	550	18.6	13.9	23.2	18.9	14.0	23.8
Southeast	514	17.4	13.3	21.5	17.0	12.8	21.2
Southwest	516	18.9	14.3	23.6	17.5	12.9	22.1
St. Louis Metro	1,093	15.5	12.5	18.5	15.4	12.2	18.7
GENDER							
Female	2,873	20.6	18.3	22.9	20.5	18.0	23.0
Male	1,733	14.0	11.7	16.2	14.1	11.6	16.5
RACE							
African-American	376	16.3	10.7	21.8	15.6	10.6	20.5
Other	262	26.7	17.8	35.6	25.3	17.5	33.1
White	3,935	16.8	15.1	18.5	16.9	15.1	18.8
EDUCATION							
< High School	470	20.6	14.7	26.5	18.3	13.3	23.4
High School	1,582	16.7	14.0	19.3	17.0	13.9	20.2
High School +	2,547	17.3	15.1	19.5	17.1	14.7	19.4
INCOME							
<\$15,000	486	18.4	13.5	23.3	19.0	14.0	23.9
\$15,000-24,999	772	24.0	19.2	28.9	24.3	19.0	29.5
\$25,000-34,999	552	18.0	13.4	22.7	19.7	13.8	25.6
\$35,000-49,999	698	15.6	11.6	19.6	14.5	10.9	18.1
\$50,000-74,999	651	15.8	11.8	19.7	16.1	11.8	20.4
\$75,000+	843	13.0	10.0	16.0	13.3	8.9	17.6

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.1.3 Felt nervous a little or none of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,606	75.0	73.1	76.9	75.0	73.0	77.1
REGION							
Central	526	75.1	69.6	80.5	74.7	69.1	80.3
Kansas City Metro	870	74.6	70.7	78.5	74.1	69.8	78.5
Northeast	537	75.6	70.8	80.4	74.4	68.8	80.1
Northwest	550	73.3	68.0	78.6	72.4	67.0	77.7
Southeast	514	74.3	69.6	78.9	74.7	69.9	79.5
Southwest	516	72.2	66.9	77.5	74.3	69.2	79.4
St. Louis Metro	1,093	76.8	73.1	80.5	76.8	72.8	80.8
GENDER							
Female	2,873	72.1	69.6	74.7	72.5	69.8	75.2
Male	1,733	78.2	75.3	81.1	78.0	75.0	81.1
RACE							
African-American	376	75.9	69.4	82.3	76.4	70.1	82.6
Other	262	64.4	55.1	73.6	65.4	57.2	73.6
White	3,935	75.8	73.8	77.8	75.8	73.6	78.0
EDUCATION							
< High School	470	62.1	54.9	69.4	60.8	53.5	68.1
High School	1,582	75.7	72.6	78.9	75.0	71.3	78.7
High School +	2,547	76.8	74.3	79.3	77.0	74.3	79.8
INCOME							
<\$15,000	486	60.5	52.6	68.4	59.8	51.9	67.7
\$15,000-24,999	772	63.7	58.3	69.1	61.9	55.9	67.9
\$25,000-34,999	552	74.5	68.8	80.2	72.5	66.0	79.1
\$35,000-49,999	698	77.6	72.8	82.3	79.7	75.6	83.7
\$50,000-74,999	651	79.7	75.3	84.1	79.1	74.2	84.0
\$75,000+	843	83.2	79.9	86.5	83.0	78.4	87.7

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.2.1 Felt hopeless all or most of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,599	2.7	1.9	3.5	2.6	1.8	3.4
REGION							
Central	523	2.4	0.4	4.3	2.4	0.4	4.5
Kansas City Metro	870	2.7	1.3	4.1	2.6	1.3	3.9
Northeast	538	3.1	1.6	4.7	3.0	1.4	4.5
Northwest	548	2.3	0.6	4.0	2.6	0.4	4.8
Southeast	513	2.1	0.7	3.4	1.7	0.6	2.9
Southwest	515	2.8	1.2	4.4	2.4	1.1	3.8
St. Louis Metro	1,092	2.9	1.0	4.9	2.9	0.9	4.9
GENDER							
Female	2,869	2.9	2.0	3.7	2.9	1.9	3.8
Male	1,730	2.5	1.1	4.0	2.3	1.0	3.7
RACE							
African-American	374	2.6	0.5	4.7	2.5	0.5	4.5
Other	262	4.8	1.3	8.3	5.4	1.3	9.5
White	3,930	2.5	1.6	3.4	2.3	1.5	3.2
EDUCATION							
< High School	466	5.9	2.8	8.9	6.5	3.2	9.8
High School	1,580	2.0	1.2	2.9	1.9	1.0	2.8
High School +	2,546	2.5	1.3	3.8	2.4	1.2	3.5
INCOME							
<\$15,000	484	10.2	6.1	14.3	10.5	6.4	14.5
\$15,000-24,999	769	3.8	1.7	5.8	3.9	1.8	6.1
\$25,000-34,999	551	1.8	0.2	3.4	1.9	0.2	3.6
\$35,000-49,999	698	2.9	-0.8	6.5	2.3	0.0	4.6
\$50,000-74,999	651	1.1	0.2	2.1	1.0	0.2	1.8
\$75,000+	844	1.1	0.2	2.0	1.1	0.2	2.0

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.2.2 Felt hopeless some of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,599	8.1	6.9	9.3	8.0	6.7	9.4
REGION							
Central	523	9.5	6.2	12.8	9.5	6.3	12.8
Kansas City Metro	870	8.6	6.1	11.2	8.4	5.8	10.9
Northeast	538	8.1	5.3	11.0	8.3	4.9	11.6
Northwest	548	6.2	3.7	8.7	6.6	3.8	9.4
Southeast	513	8.3	5.7	10.9	7.6	5.1	10.1
Southwest	515	10.5	6.4	14.5	10.1	5.9	14.4
St. Louis Metro	1,092	6.4	4.1	8.7	6.5	4.0	9.1
GENDER							
Female	2,869	7.6	6.3	9.0	7.2	5.9	8.6
Male	1,730	8.6	6.5	10.7	8.7	6.5	11.0
RACE							
African-American	374	6.4	3.0	9.8	6.6	3.0	10.3
Other	262	10.8	5.3	16.3	10.3	5.5	15.1
White	3,930	8.1	6.7	9.4	8.0	6.5	9.5
EDUCATION							
< High School	466	13.4	9.2	17.7	14.9	10.1	19.8
High School	1,580	10.4	7.9	12.9	11.0	8.1	13.9
High School +	2,546	6.0	4.5	7.5	6.0	4.2	7.7
INCOME							
<\$15,000	484	19.7	12.4	27.0	20.2	13.2	27.2
\$15,000-24,999	769	14.2	10.3	18.2	14.4	10.3	18.5
\$25,000-34,999	551	9.3	5.6	13.0	10.5	5.6	15.4
\$35,000-49,999	698	6.6	4.1	9.2	6.6	4.1	9.0
\$50,000-74,999	651	3.2	1.3	5.2	3.3	0.8	5.8
\$75,000+	844	3.8	2.0	5.7	3.9	1.9	5.9

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.2.3 Felt hopeless a little or none of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,599	89.2	87.8	90.7	89.4	87.9	90.9
REGION							
Central	523	88.1	84.4	91.9	88.0	84.2	91.8
Kansas City Metro	870	88.7	85.8	91.5	89.1	86.3	91.9
Northeast	538	88.8	85.5	92.0	88.8	85.1	92.4
Northwest	548	91.5	88.5	94.5	90.8	87.3	94.3
Southeast	513	89.7	86.7	92.6	90.7	88.0	93.4
Southwest	515	86.8	82.5	91.0	87.5	83.1	91.8
St. Louis Metro	1,092	90.6	87.7	93.5	90.6	87.4	93.7
GENDER							
Female	2,869	89.5	88.0	91.1	89.9	88.3	91.6
Male	1,730	88.9	86.4	91.4	88.9	86.4	91.5
RACE							
African-American	374	91.0	87.1	95.0	90.9	86.7	95.0
Other	262	84.4	78.1	90.7	84.3	78.1	90.5
White	3,930	89.5	87.9	91.1	89.7	88.0	91.4
EDUCATION							
< High School	466	80.7	75.6	85.9	78.6	73.0	84.1
High School	1,580	87.6	85.0	90.2	87.1	84.1	90.1
High School +	2,546	91.5	89.6	93.4	91.7	89.6	93.7
INCOME							
<\$15,000	484	70.1	62.5	77.8	69.4	61.7	77.0
\$15,000-24,999	769	82.0	77.7	86.3	81.7	77.2	86.2
\$25,000-34,999	551	88.9	84.9	92.9	87.6	82.5	92.8
\$35,000-49,999	698	90.5	86.3	94.8	91.2	87.9	94.4
\$50,000-74,999	651	95.7	93.5	97.8	95.7	93.1	98.3
\$75,000+	844	95.1	93.0	97.1	95.1	92.9	97.2

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.3.1 Felt restless or fidgety all or most of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,597	7.4	6.2	8.6	7.5	6.2	8.7
REGION							
Central	526	6.5	3.4	9.7	6.8	3.6	10.1
Kansas City Metro	868	8.6	6.1	11.1	8.1	5.8	10.4
Northeast	535	8.7	5.7	11.6	8.9	5.6	12.2
Northwest	550	6.6	3.7	9.6	6.5	3.7	9.3
Southeast	511	9.4	6.3	12.4	9.1	5.9	12.4
Southwest	514	8.0	4.3	11.8	8.2	4.0	12.5
St. Louis Metro	1,093	6.2	4.0	8.5	6.4	4.1	8.8
GENDER							
Female	2,866	7.4	6.0	8.8	7.5	6.0	9.0
Male	1,731	7.5	5.4	9.5	7.5	5.5	9.5
RACE							
African-American	376	12.0	7.4	16.5	12.0	7.4	16.5
Other	261	6.8	3.0	10.6	7.4	3.0	11.9
White	3,927	7.0	5.7	8.3	7.0	5.6	8.3
EDUCATION							
< High School	468	15.2	10.4	20.0	16.6	11.4	21.7
High School	1,577	7.8	5.8	9.9	8.2	5.8	10.6
High School +	2,545	5.9	4.4	7.5	5.7	4.3	7.2
INCOME							
<\$15,000	485	19.1	13.6	24.7	20.3	14.7	25.9
\$15,000-24,999	770	11.9	8.3	15.4	12.9	8.8	16.9
\$25,000-34,999	550	7.7	3.8	11.6	7.9	3.8	11.9
\$35,000-49,999	697	7.4	3.4	11.4	7.4	3.9	10.9
\$50,000-74,999	651	5.0	2.5	7.5	4.9	2.5	7.3
\$75,000+	844	3.4	2.0	4.8	3.1	1.8	4.5

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.3.2 Felt restless or fidgety some of the time during the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,597	21.7	19.8	23.7	22.0	19.9	24.1
REGION							
Central	526	22.2	16.9	27.5	22.5	17.1	27.9
Kansas City Metro	868	21.7	17.9	25.5	23.0	18.7	27.3
Northeast	535	20.7	16.0	25.3	21.3	15.8	26.8
Northwest	550	20.4	15.5	25.3	20.9	15.3	26.4
Southeast	511	20.3	16.0	24.7	20.4	15.6	25.2
Southwest	514	23.2	18.3	28.1	23.9	18.2	29.6
St. Louis Metro	1,093	21.7	17.7	25.7	21.7	17.3	26.1
GENDER							
Female	2,866	22.0	19.6	24.3	22.1	19.5	24.8
Male	1,731	21.5	18.4	24.6	21.7	18.4	25.0
RACE							
African-American	376	17.2	11.9	22.5	16.3	11.2	21.4
Other	261	29.1	20.0	38.3	29.3	20.8	37.7
White	3,927	21.5	19.4	23.6	21.9	19.6	24.2
EDUCATION							
< High School	468	26.4	18.9	34.0	26.0	19.3	32.7
High School	1,577	19.7	16.8	22.7	20.7	17.2	24.3
High School +	2,545	22.1	19.5	24.7	21.6	18.8	24.3
INCOME							
<\$15,000	485	25.2	17.8	32.6	25.3	18.2	32.4
\$15,000-24,999	770	29.0	23.7	34.4	31.2	25.1	37.2
\$25,000-34,999	550	19.6	14.5	24.7	20.9	15.5	26.4
\$35,000-49,999	697	23.0	17.4	28.6	24.2	17.5	30.8
\$50,000-74,999	651	21.0	16.4	25.6	20.6	16.1	25.2
\$75,000+	844	16.7	13.1	20.3	17.0	12.3	21.6

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.3.3 Felt restless or fidgety a little or none of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,597	70.8	68.7	72.9	70.5	68.3	72.8
REGION							
Central	526	71.3	65.7	76.9	70.7	64.9	76.5
Kansas City Metro	868	69.8	65.6	73.9	69.0	64.4	73.5
Northeast	535	70.6	65.6	75.7	69.8	64.0	75.6
Northwest	550	73.0	67.6	78.4	72.6	66.7	78.5
Southeast	511	70.3	65.4	75.3	70.5	65.1	75.9
Southwest	514	68.8	63.3	74.3	67.9	61.7	74.1
St. Louis Metro	1,093	72.1	67.8	76.4	71.9	67.2	76.5
GENDER							
Female	2,866	70.7	68.1	73.2	70.4	67.6	73.3
Male	1,731	71.0	67.6	74.4	70.8	67.3	74.4
RACE							
African-American	376	70.9	64.3	77.4	71.7	65.3	78.1
Other	261	64.1	54.9	73.3	63.3	55.2	71.4
White	3,927	71.5	69.2	73.8	71.1	68.7	73.6
EDUCATION							
< High School	468	58.4	50.6	66.1	57.5	49.9	65.0
High School	1,577	72.5	69.1	75.8	71.0	67.0	75.0
High School +	2,545	72.0	69.2	74.8	72.7	69.8	75.6
INCOME							
<\$15,000	485	55.7	47.7	63.7	54.4	46.4	62.3
\$15,000-24,999	770	59.1	53.5	64.7	56.0	49.8	62.2
\$25,000-34,999	550	72.8	66.9	78.6	71.3	65.1	77.4
\$35,000-49,999	697	69.6	63.5	75.7	68.4	61.7	75.1
\$50,000-74,999	651	74.0	69.1	78.9	74.5	69.7	79.4
\$75,000+	844	79.9	76.1	83.6	79.9	75.1	84.7

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.4.1 Felt so depressed that nothing could cheer them up all or most of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		Prevalence			Age-adjusted Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,605	1.9	1.3	2.4	1.8	1.3	2.4
REGION							
Central	526	2.7	0.4	5.1	2.8	0.4	5.3
Kansas City Metro	870	1.3	0.3	2.4	1.2	0.2	2.1
Northeast	538	1.4	0.4	2.3	1.3	0.2	2.4
Northwest	551	1.8	0.1	3.4	2.1	-0.1	4.2
Southeast	512	2.2	0.8	3.7	2.0	0.7	3.3
Southwest	516	1.6	0.5	2.7	1.5	0.5	2.6
St. Louis Metro	1,092	2.0	1.0	3.0	1.8	0.9	2.7
GENDER							
Female	2,872	1.8	1.1	2.4	1.7	1.0	2.5
Male	1,733	2.0	1.1	2.9	1.9	1.0	2.8
RACE							
African-American	375	6.1	2.1	10.2	6.3	2.2	10.5
Other	262	3.7	0.3	7.1	4.0	0.1	7.9
White	3,935	1.2	0.8	1.7	1.2	0.8	1.6
EDUCATION							
< High School	470	5.2	2.4	8.1	6.6	3.2	10.0
High School	1,583	2.0	1.1	2.8	2.0	1.0	3.0
High School +	2,545	1.2	0.5	1.9	1.2	0.5	1.9
INCOME							
<\$15,000	486	8.8	4.9	12.7	9.3	5.3	13.3
\$15,000-24,999	772	3.8	1.6	6.0	3.7	1.5	6.0
\$25,000-34,999	553	2.0	-0.4	4.3	1.9	-0.3	4.1
\$35,000-49,999	698	0.9	0.2	1.7	1.1	0.1	2.1
\$50,000-74,999	649	0.2	-0.0	0.3	0.2	-0.1	0.4
\$75,000+	844	0.1	-0.0	0.2	0.1	-0.0	0.1

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel so depressed that nothing could cheer you up – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.4.2 Felt so depressed that nothing could cheer them up some of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,605	6.0	4.9	7.2	6.0	4.9	7.2
REGION							
Central	526	5.9	3.2	8.7	5.9	3.2	8.5
Kansas City Metro	870	7.6	5.1	10.2	7.9	4.9	10.8
Northeast	538	5.7	3.5	8.0	5.7	3.2	8.2
Northwest	551	3.2	1.5	4.8	3.5	1.2	5.8
Southeast	512	6.4	3.9	8.8	6.6	3.8	9.4
Southwest	516	6.1	3.4	8.7	5.4	3.1	7.6
St. Louis Metro	1,092	5.4	3.1	7.8	5.5	3.1	8.0
GENDER							
Female	2,872	5.6	4.4	6.8	5.6	4.4	6.8
Male	1,733	6.5	4.5	8.5	6.5	4.5	8.4
RACE							
African-American	375	11.0	6.3	15.7	11.4	6.4	16.3
Other	262	7.6	2.4	12.8	6.6	2.8	10.4
White	3,935	5.4	4.3	6.6	5.4	4.2	6.6
EDUCATION							
< High School	470	10.8	7.1	14.5	12.0	7.7	16.3
High School	1,583	7.5	5.5	9.6	8.0	5.6	10.5
High School +	2,545	4.5	3.0	5.9	4.2	2.9	5.5
INCOME							
<\$15,000	486	14.0	9.7	18.4	15.0	10.4	19.6
\$15,000-24,999	772	10.8	7.4	14.1	11.2	7.7	14.7
\$25,000-34,999	553	7.1	3.5	10.8	7.7	3.7	11.7
\$35,000-49,999	698	6.0	2.1	10.0	5.5	2.5	8.5
\$50,000-74,999	649	3.5	1.4	5.7	3.7	1.0	6.4
\$75,000+	844	2.2	0.9	3.4	1.9	0.8	3.0

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel so depressed that nothing could cheer you up – would you say all the time,

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Table 24.4.3 Felt so depressed that nothing could cheer them up a little or none of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,605	92.1	90.9	93.3	92.2	90.9	93.4
REGION							
Central	526	91.4	87.8	94.9	91.3	87.8	94.9
Kansas City Metro	870	91.0	88.3	93.7	91.0	87.9	94.0
Northeast	538	92.9	90.5	95.4	93.0	90.2	95.7
Northwest	551	95.1	92.7	97.4	94.5	91.4	97.6
Southeast	512	91.4	88.6	94.2	91.4	88.3	94.5
Southwest	516	92.3	89.5	95.2	93.1	90.7	95.5
St. Louis Metro	1,092	92.6	90.1	95.1	92.6	90.0	95.2
GENDER							
Female	2,872	92.6	91.3	94.0	92.7	91.3	94.1
Male	1,733	91.5	89.4	93.7	91.6	89.5	93.8
RACE							
African-American	375	82.9	77.0	88.7	82.3	76.0	88.6
Other	262	88.7	82.7	94.7	89.4	84.0	94.8
White	3,935	93.3	92.1	94.6	93.5	92.2	94.7
EDUCATION							
< High School	470	84.0	79.4	88.6	81.4	76.2	86.7
High School	1,583	90.5	88.3	92.7	90.0	87.4	92.6
High School +	2,545	94.3	92.8	95.9	94.6	93.2	96.1
INCOME							
<\$15,000	486	77.1	71.4	82.9	75.8	70.1	81.5
\$15,000-24,999	772	85.4	81.5	89.3	85.1	81.1	89.1
\$25,000-34,999	553	90.9	86.7	95.2	90.4	86.0	94.9
\$35,000-49,999	698	93.0	89.0	97.1	93.4	90.3	96.5
\$50,000-74,999	649	96.3	94.1	98.5	96.2	93.4	98.9
\$75,000+	844	97.8	96.5	99.0	98.0	96.9	99.1

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.5.1 Felt everything was an effort all or most of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,587	8.1	6.8	9.4	8.1	6.8	9.5
REGION							
Central	526	9.5	6.0	13.1	9.7	6.0	13.3
Kansas City Metro	868	6.6	4.7	8.6	6.4	4.4	8.5
Northeast	532	6.5	4.0	9.1	5.9	3.5	8.2
Northwest	549	4.6	2.4	6.8	4.9	2.3	7.5
Southeast	507	10.6	7.2	14.1	11.0	7.0	15.0
Southwest	514	9.6	5.9	13.4	9.6	5.4	13.7
St. Louis Metro	1,091	7.8	5.1	10.4	7.7	4.9	10.5
GENDER							
Female	2,862	8.2	6.8	9.6	8.1	6.6	9.6
Male	1,725	8.1	5.8	10.3	8.1	5.9	10.4
RACE							
African-American	375	13.1	8.4	17.8	13.3	8.4	18.2
Other	262	11.6	5.9	17.3	11.2	5.7	16.8
White	3,918	7.4	6.0	8.7	7.4	5.9	8.8
EDUCATION							
< High School	465	14.5	9.8	19.1	16.8	11.1	22.4
High School	1,576	9.3	7.1	11.5	10.0	7.3	12.7
High School +	2,539	6.4	4.7	8.1	6.4	4.7	8.1
INCOME							
<\$15,000	483	23.5	17.0	30.0	23.6	17.6	29.5
\$15,000-24,999	770	12.9	9.3	16.5	14.0	9.9	18.1
\$25,000-34,999	551	9.6	4.8	14.3	11.0	5.2	16.7
\$35,000-49,999	695	7.6	3.5	11.7	7.9	4.2	11.7
\$50,000-74,999	645	5.8	2.6	8.9	6.4	2.9	9.9
\$75,000+	843	2.1	0.9	3.2	2.1	0.7	3.4

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.5.2 Felt everything was an effort some of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,587	16.2	14.4	17.9	16.4	14.5	18.3
REGION							
Central	526	15.5	11.1	19.8	15.4	11.0	19.7
Kansas City Metro	868	17.0	13.5	20.6	17.4	13.5	21.2
Northeast	532	15.5	11.7	19.3	15.7	11.4	20.0
Northwest	549	15.9	11.6	20.2	16.9	11.6	22.2
Southeast	507	15.4	11.5	19.3	16.0	11.6	20.4
Southwest	514	14.6	10.7	18.4	14.7	10.2	19.2
St. Louis Metro	1,091	17.0	13.2	20.7	17.4	13.3	21.5
GENDER							
Female	2,862	14.9	13.0	16.7	14.6	12.7	16.5
Male	1,725	17.6	14.6	20.6	18.0	14.8	21.2
RACE							
African-American	375	21.3	15.2	27.3	19.9	14.2	25.6
Other	262	22.7	14.6	30.7	22.5	14.7	30.3
White	3,918	15.2	13.4	17.1	15.5	13.4	17.6
EDUCATION							
< High School	465	25.7	18.2	33.3	27.2	19.9	34.5
High School	1,576	15.8	13.1	18.5	16.0	12.8	19.1
High School +	2,539	14.8	12.6	17.1	14.6	12.2	17.0
INCOME							
<\$15,000	483	25.2	18.0	32.5	26.2	19.2	33.2
\$15,000-24,999	770	19.3	15.2	23.5	20.1	15.3	24.9
\$25,000-34,999	551	16.3	11.8	20.7	17.5	12.4	22.7
\$35,000-49,999	695	17.9	12.6	23.2	18.3	11.8	24.9
\$50,000-74,999	645	16.1	11.7	20.5	16.4	11.8	20.9
\$75,000+	843	10.4	7.4	13.3	10.5	7.4	13.5

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.5.3 Felt everything was an effort a little or none of the time during the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,587	75.7	73.7	77.7	75.5	73.3	77.6
REGION							
Central	526	75.0	69.8	80.2	75.0	69.7	80.2
Kansas City Metro	868	76.3	72.5	80.1	76.2	72.1	80.3
Northeast	532	78.0	73.6	82.4	78.5	73.7	83.2
Northwest	549	79.5	74.8	84.2	78.2	72.5	83.8
Southeast	507	74.0	69.2	78.8	73.1	67.7	78.4
Southwest	514	75.8	70.8	80.7	75.7	70.1	81.4
St. Louis Metro	1,091	75.3	71.0	79.5	74.9	70.4	79.4
GENDER							
Female	2,862	76.9	74.7	79.1	77.3	75.0	79.6
Male	1,725	74.4	71.0	77.8	73.9	70.4	77.4
RACE							
African-American	375	65.6	58.6	72.7	66.8	59.9	73.7
Other	262	65.8	56.9	74.6	66.3	57.6	75.0
White	3,918	77.5	75.3	79.6	77.2	74.8	79.5
EDUCATION							
< High School	465	59.8	52.1	67.5	56.1	48.2	64.0
High School	1,576	74.9	71.6	78.1	74.1	70.2	77.9
High School +	2,539	78.8	76.1	81.4	79.0	76.3	81.7
INCOME							
<\$15,000	483	51.3	43.2	59.3	50.2	42.2	58.3
\$15,000-24,999	770	67.8	62.7	72.8	65.9	60.2	71.7
\$25,000-34,999	551	74.2	68.3	80.0	71.5	64.3	78.6
\$35,000-49,999	695	74.5	68.5	80.5	73.8	67.3	80.3
\$50,000-74,999	645	78.2	73.1	83.2	77.2	71.9	82.5
\$75,000+	843	87.6	84.5	90.7	87.5	84.2	90.8

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.6.1 Felt worthless all or most of the time during the past 30 days
Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,592	2.7	1.9	3.6	2.6	1.8	3.5
REGION							
Central	524	1.9	0.2	3.7	2.0	0.1	3.8
Kansas City Metro	867	2.3	0.9	3.6	2.1	0.9	3.3
Northeast	537	3.4	1.9	5.0	3.2	1.7	4.6
Northwest	548	1.8	0.8	2.7	1.6	0.8	2.4
Southeast	510	4.0	2.2	5.9	3.7	1.9	5.5
Southwest	514	2.4	0.7	4.1	2.0	0.7	3.4
St. Louis Metro	1,092	3.0	1.0	5.0	3.0	0.8	5.1
GENDER							
Female	2,864	2.7	1.9	3.5	2.6	1.7	3.5
Male	1,728	2.7	1.1	4.2	2.6	1.1	4.1
RACE							
African-American	375	2.2	0.4	4.0	2.1	0.4	3.8
Other	262	5.5	1.4	9.6	5.7	1.4	10.0
White	3,922	2.5	1.5	3.4	2.3	1.4	3.2
EDUCATION							
< High School	468	6.9	3.9	10.0	7.3	3.8	10.8
High School	1,574	3.0	1.7	4.3	3.0	1.5	4.5
High School +	2,543	1.8	0.6	3.0	1.7	0.6	2.8
INCOME							
<\$15,000	484	10.5	6.6	14.3	10.6	6.7	14.6
\$15,000-24,999	770	3.5	1.5	5.4	3.3	1.3	5.3
\$25,000-34,999	550	2.6	0.3	4.8	2.7	0.3	5.1
\$35,000-49,999	696	3.3	-0.5	7.0	2.4	0.1	4.7
\$50,000-74,999	650	1.4	-0.2	3.0	1.7	-0.6	4.1
\$75,000+	844	0.3	-0.1	0.8	0.2	-0.1	0.5

Definition: "All" AND "Most" responses to the question "During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.6.2 Felt worthless some of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,592	5.1	4.3	6.0	5.0	4.1	5.9
REGION							
Central	524	7.5	4.6	10.4	7.4	4.5	10.2
Kansas City Metro	867	6.1	4.2	7.9	5.8	4.0	7.6
Northeast	537	5.1	2.9	7.3	5.1	2.8	7.4
Northwest	548	6.3	3.7	8.9	6.8	3.8	9.9
Southeast	510	4.7	3.0	6.4	4.2	2.6	5.7
Southwest	514	5.8	2.7	8.8	5.8	2.2	9.4
St. Louis Metro	1,092	3.5	2.2	4.9	3.5	2.1	5.0
GENDER							
Female	2,864	5.6	4.4	6.7	5.3	4.2	6.4
Male	1,728	4.7	3.4	6.0	4.7	3.3	6.1
RACE							
African-American	375	6.7	3.2	10.2	7.5	3.3	11.7
Other	262	6.6	2.8	10.4	6.1	2.9	9.3
White	3,922	4.9	4.0	5.8	4.8	3.8	5.7
EDUCATION							
< High School	468	11.0	6.9	15.0	11.4	7.1	15.6
High School	1,574	5.9	4.3	7.6	6.0	4.0	8.0
High School +	2,543	3.8	2.8	4.8	3.6	2.6	4.5
INCOME							
<\$15,000	484	14.1	8.8	19.4	14.3	9.3	19.3
\$15,000-24,999	770	11.1	7.7	14.5	11.2	7.6	14.8
\$25,000-34,999	550	5.4	2.9	7.8	5.8	2.3	9.2
\$35,000-49,999	696	3.0	1.4	4.6	3.1	1.5	4.8
\$50,000-74,999	650	2.8	1.4	4.1	2.4	1.3	3.5
\$75,000+	844	1.8	0.8	2.8	1.7	0.7	2.7

Definition: "Some of the time" response to the question "During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.6.3 Felt worthless a little or none of the time during the past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,592	92.2	91.0	93.4	92.4	91.2	93.6
REGION							
Central	524	90.6	87.2	93.9	90.7	87.3	94.1
Kansas City Metro	867	91.7	89.4	93.9	92.1	90.0	94.2
Northeast	537	91.5	88.9	94.1	91.8	89.1	94.5
Northwest	548	91.9	89.1	94.7	91.6	88.5	94.8
Southeast	510	91.3	88.8	93.8	92.1	89.8	94.4
Southwest	514	91.8	88.4	95.2	92.2	88.4	96.0
St. Louis Metro	1,092	93.5	91.1	95.9	93.5	91.0	96.1
GENDER							
Female	2,864	91.7	90.3	93.1	92.1	90.7	93.5
Male	1,728	92.6	90.7	94.6	92.8	90.8	94.7
RACE							
African-American	375	91.1	87.2	95.0	90.4	85.9	94.9
Other	262	87.9	82.4	93.3	88.3	83.0	93.5
White	3,922	92.7	91.4	94.0	93.0	91.6	94.3
EDUCATION							
< High School	468	82.1	77.1	87.1	81.3	76.1	86.5
High School	1,574	91.1	89.1	93.1	91.0	88.6	93.4
High School +	2,543	94.5	92.9	96.0	94.8	93.3	96.2
INCOME							
<\$15,000	484	75.5	69.2	81.8	75.1	69.2	81.0
\$15,000-24,999	770	85.4	81.6	89.2	85.5	81.5	89.6
\$25,000-34,999	550	92.0	88.8	95.3	91.5	87.3	95.8
\$35,000-49,999	696	93.8	89.8	97.7	94.5	91.6	97.3
\$50,000-74,999	650	95.8	93.8	97.9	95.9	93.3	98.5
\$75,000+	844	97.9	96.8	99.0	98.1	97.1	99.1

Definition: "A little" AND "None" responses to the question "During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?"

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Table 24.7 Mental health condition or emotional problem kept them from doing their work or usual activities for 2 or more days in past 30 days

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,585	9.1	7.9	10.3	9.0	7.7	10.3
REGION							
Central	524	8.9	5.3	12.5	9.0	5.4	12.6
Kansas City Metro	868	9.2	6.6	11.9	9.3	6.3	12.3
Northeast	532	9.1	5.4	12.8	10.0	5.6	14.4
Northwest	550	6.5	3.8	9.2	6.7	3.7	9.8
Southeast	511	11.2	7.9	14.5	11.9	8.0	15.8
Southwest	515	10.9	7.2	14.6	9.2	6.3	12.1
St. Louis Metro	1,085	7.9	5.8	10.0	7.9	5.7	10.1
GENDER							
Female	2,863	10.2	8.6	11.8	10.0	8.4	11.6
Male	1,722	7.9	6.0	9.7	7.9	6.0	9.8
RACE							
African-American	372	10.7	6.7	14.8	10.8	6.8	14.8
Other	259	16.7	10.1	23.4	15.4	9.4	21.3
White	3,921	8.3	7.0	9.5	8.2	6.9	9.5
EDUCATION							
< High School	463	16.2	11.4	21.1	18.6	13.4	23.9
High School	1,577	10.3	7.8	12.8	10.5	7.7	13.4
High School +	2,538	7.2	5.9	8.5	7.3	5.8	8.7
INCOME							
<\$15,000	479	23.6	17.3	29.9	23.7	18.1	29.3
\$15,000-24,999	767	19.4	14.8	23.9	20.9	15.9	25.8
\$25,000-34,999	553	12.1	7.6	16.5	13.4	8.0	18.7
\$35,000-49,999	693	5.9	3.7	8.2	6.5	4.0	8.9
\$50,000-74,999	649	3.3	1.4	5.3	3.6	1.0	6.1
\$75,000+	843	3.1	1.8	4.4	2.9	1.6	4.3

Definition: "2" or greater response to the question "During the past 30 days, for about how many days did a mental health condition or emotional problem keep you from doing your work or other usual activities?"

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Table 24.8 Currently taking medicine or receiving treatment from a doctor or other health professional for any type of mental health condition or emotional problem

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,601	13.7	12.2	15.2	13.5	11.9	15.1
REGION							
Central	526	13.7	9.9	17.5	14.1	10.2	18.0
Kansas City Metro	869	11.0	8.5	13.5	10.7	8.1	13.3
Northeast	537	12.6	8.8	16.4	14.0	9.3	18.7
Northwest	549	10.3	7.2	13.4	10.5	7.2	13.7
Southeast	511	14.8	11.1	18.5	14.4	10.5	18.3
Southwest	516	15.6	11.5	19.7	13.9	10.5	17.3
St. Louis Metro	1,093	14.5	11.3	17.7	14.3	10.9	17.7
GENDER							
Female	2,871	17.9	15.9	20.0	17.9	15.7	20.1
Male	1,730	9.0	6.8	11.2	8.8	6.5	11.1
RACE							
African-American	376	8.2	4.5	11.8	8.1	4.5	11.6
Other	261	15.5	8.7	22.2	14.7	8.8	20.7
White	3,931	14.0	12.4	15.7	13.8	12.1	15.6
EDUCATION							
< High School	470	24.0	16.7	31.3	25.6	18.3	33.0
High School	1,579	12.2	9.8	14.5	11.9	9.4	14.4
High School +	2,545	12.8	11.0	14.6	12.2	10.4	14.0
INCOME							
<\$15,000	487	26.6	20.0	33.2	27.1	21.3	33.0
\$15,000-24,999	771	19.1	14.5	23.6	20.2	15.2	25.2
\$25,000-34,999	553	13.7	10.1	17.4	13.6	9.3	17.8
\$35,000-49,999	695	12.3	7.9	16.8	15.0	8.8	21.3
\$50,000-74,999	649	9.6	6.2	12.9	8.5	5.8	11.3
\$75,000+	843	10.6	8.1	13.1	9.6	7.2	12.0

Definition: "Yes" response to the question "Are you now taking medicine or receiving treatment from a doctor or other health professional for any type of mental health condition or emotional problem?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.9.1 Agrees strongly or slightly that treatment can help people with mental illness lead normal lives

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,499	94.9	94.0	95.7	94.9	94.0	95.7
REGION							
Central	517	94.8	92.5	97.1	94.5	92.0	97.0
Kansas City Metro	852	93.8	91.8	95.8	93.7	91.6	95.8
Northeast	527	93.3	90.1	96.5	93.4	90.0	96.8
Northwest	535	93.7	90.4	97.0	92.9	88.7	97.1
Southeast	496	94.1	91.4	96.9	94.4	91.4	97.3
Southwest	499	94.2	91.9	96.5	94.4	92.2	96.7
St. Louis Metro	1,073	96.3	94.9	97.8	96.5	95.1	97.8
GENDER							
Female	2,799	95.0	93.8	96.1	95.0	93.8	96.2
Male	1,700	94.8	93.5	96.0	94.7	93.4	96.0
RACE							
African-American	368	89.1	83.9	94.3	89.0	83.8	94.2
Other	258	93.3	89.0	97.5	93.8	89.9	97.7
White	3,842	95.6	94.8	96.4	95.6	94.8	96.5
EDUCATION							
< High School	445	87.9	83.0	92.8	89.4	85.4	93.5
High School	1,541	93.1	91.5	94.8	93.3	91.6	95.1
High School +	2,506	96.9	96.1	97.7	96.8	96.0	97.6
INCOME							
<\$15,000	465	93.0	90.3	95.6	92.4	89.7	95.2
\$15,000-24,999	745	92.4	89.7	95.0	93.0	90.2	95.7
\$25,000-34,999	542	94.2	91.6	96.9	94.1	90.8	97.4
\$35,000-49,999	687	95.1	93.1	97.1	95.4	93.5	97.3
\$50,000-74,999	646	97.0	95.6	98.5	96.7	94.9	98.4
\$75,000+	841	97.2	95.9	98.5	97.5	96.4	98.7

Definition: "Agree strongly" AND "Agree slightly" responses to the question "Treatment can help people with mental illness lead normal lives. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.9.2 Neither agrees nor disagrees that treatment can help people with mental illness lead normal lives

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,499	1.3	0.9	1.6	1.3	0.9	1.7
REGION							
Central	517	1.6	0.5	2.7	1.7	0.5	2.9
Kansas City Metro	852	1.7	0.6	2.8	1.7	0.6	2.8
Northeast	527	2.3	-0.1	4.7	2.3	0.0	4.6
Northwest	535	0.7	0.1	1.3	0.7	0.1	1.3
Southeast	496	1.0	0.1	1.9	0.9	0.1	1.8
Southwest	499	2.0	0.6	3.3	2.1	0.5	3.7
St. Louis Metro	1,073	0.6	0.2	1.0	0.6	0.2	1.0
GENDER							
Female	2,799	1.3	0.8	1.9	1.3	0.7	1.9
Male	1,700	1.2	0.7	1.7	1.2	0.7	1.8
RACE							
African-American	368	1.8	-0.1	3.8	1.8	-0.1	3.6
Other	258	2.1	0.1	4.2	1.9	0.3	3.5
White	3,842	1.1	0.7	1.5	1.1	0.7	1.5
EDUCATION							
< High School	445	2.1	0.4	3.8	2.3	0.3	4.3
High School	1,541	1.6	0.8	2.4	1.6	0.8	2.4
High School +	2,506	0.9	0.5	1.4	1.0	0.5	1.4
INCOME							
<\$15,000	465	0.6	-0.1	1.3	0.7	-0.1	1.5
\$15,000-24,999	745	1.7	0.8	2.6	1.4	0.6	2.2
\$25,000-34,999	542	1.3	-0.1	2.6	1.4	-0.6	3.4
\$35,000-49,999	687	1.3	0.3	2.3	1.2	0.4	2.0
\$50,000-74,999	646	1.3	0.3	2.3	1.4	0.3	2.5
\$75,000+	841	0.6	0.0	1.3	0.5	0.0	1.1

Definition: "Neither agree nor disagree" response to the question "Treatment can help people with mental illness lead normal lives. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.9.3 Disagrees strongly or slightly that treatment can help people with mental illness lead normal lives

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,499	3.9	3.1	4.7	3.9	3.1	4.6
REGION							
Central	517	3.7	1.6	5.7	3.9	1.6	6.1
Kansas City Metro	852	4.6	2.9	6.3	4.6	2.8	6.4
Northeast	527	4.4	2.1	6.7	4.3	1.7	6.9
Northwest	535	5.6	2.4	8.8	6.4	2.2	10.6
Southeast	496	4.9	2.2	7.5	4.7	1.9	7.5
Southwest	499	3.9	2.0	5.7	3.5	1.9	5.1
St. Louis Metro	1,073	3.1	1.7	4.5	2.9	1.6	4.2
GENDER							
Female	2,799	3.7	2.7	4.8	3.7	2.6	4.7
Male	1,700	4.1	3.0	5.2	4.1	2.9	5.2
RACE							
African-American	368	9.1	4.1	14.0	9.3	4.3	14.2
Other	258	4.6	0.8	8.3	4.3	0.7	7.9
White	3,842	3.3	2.6	4.0	3.3	2.5	4.0
EDUCATION							
< High School	445	10.0	5.3	14.6	8.3	4.6	11.9
High School	1,541	5.3	3.8	6.8	5.1	3.6	6.6
High School +	2,506	2.2	1.5	2.8	2.2	1.5	2.9
INCOME							
<\$15,000	465	6.4	3.9	9.0	6.9	4.3	9.5
\$15,000-24,999	745	6.0	3.5	8.5	5.7	3.1	8.3
\$25,000-34,999	542	4.5	2.2	6.9	4.5	1.9	7.1
\$35,000-49,999	687	3.6	1.8	5.4	3.5	1.8	5.2
\$50,000-74,999	646	1.7	0.6	2.8	2.0	0.6	3.3
\$75,000+	841	2.2	1.1	3.4	1.9	0.9	3.0

Definition: "Disagree strongly" AND "Disagree slightly" responses to the question "Treatment can help people with mental illness lead normal lives. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.10.1 Agrees strongly or slightly that people are generally caring and sympathetic to people with mental illness

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,522	56.3	54.1	58.5	56.2	53.8	58.6
REGION							
Central	515	55.6	49.7	61.6	55.4	49.4	61.4
Kansas City Metro	862	54.5	50.2	58.7	55.6	51.0	60.1
Northeast	524	56.3	50.8	61.7	55.8	49.7	61.8
Northwest	540	59.4	53.4	65.5	60.5	55.1	66.0
Southeast	503	61.6	56.3	67.0	61.4	55.4	67.3
Southwest	508	51.9	46.3	57.6	51.2	45.3	57.1
St. Louis Metro	1,070	57.6	53.0	62.3	57.3	52.3	62.3
GENDER							
Female	2,815	51.6	48.8	54.4	51.4	48.3	54.5
Male	1,707	61.4	57.9	65.0	61.3	57.6	65.0
RACE							
African-American	370	61.3	53.9	68.7	61.9	54.9	69.0
Other	257	49.7	40.6	58.9	48.5	39.8	57.1
White	3,865	56.5	54.1	58.9	56.3	53.7	59.0
EDUCATION							
< High School	451	53.7	45.6	61.7	52.2	44.2	60.2
High School	1,547	59.6	55.8	63.4	60.1	55.9	64.4
High School +	2,517	54.9	52.0	57.9	55.1	51.9	58.3
INCOME							
<\$15,000	469	56.3	48.1	64.4	56.8	49.1	64.6
\$15,000-24,999	752	56.2	50.6	61.9	55.1	48.7	61.5
\$25,000-34,999	550	55.1	49.0	61.3	51.5	44.6	58.5
\$35,000-49,999	688	57.0	50.8	63.1	57.0	50.0	64.0
\$50,000-74,999	648	58.7	53.4	63.9	60.6	55.4	65.7
\$75,000+	840	54.6	49.9	59.2	55.0	49.0	60.9

Definition: "Agree strongly" AND "Agree slightly" responses to the question "People are generally caring and sympathetic to people with mental illness. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.10.2 Neither agrees nor disagrees that people are generally caring and sympathetic to people with mental illness

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,522	2.8	1.9	3.7	3.0	1.8	4.1
REGION							
Central	515	2.3	0.5	4.0	2.2	0.4	3.9
Kansas City Metro	862	1.5	0.7	2.4	1.4	0.5	2.3
Northeast	524	3.6	1.0	6.2	3.4	1.0	5.9
Northwest	540	3.2	0.3	6.1	3.0	0.5	5.5
Southeast	503	2.7	0.5	4.9	2.7	0.3	5.0
Southwest	508	2.4	0.9	4.0	2.4	0.8	4.1
St. Louis Metro	1,070	3.8	1.5	6.1	4.2	1.5	7.0
GENDER							
Female	2,815	2.4	1.6	3.3	2.3	1.4	3.1
Male	1,707	3.3	1.6	5.0	3.5	1.6	5.5
RACE							
African-American	370	1.8	0.0	3.5	1.7	0.1	3.4
Other	257	4.6	0.8	8.4	4.7	0.4	9.0
White	3,865	2.8	1.7	3.8	2.9	1.7	4.2
EDUCATION							
< High School	451	5.2	-1.3	11.6	3.9	-0.2	7.9
High School	1,547	2.0	1.2	2.8	1.7	1.0	2.5
High School +	2,517	2.9	1.8	4.0	3.1	1.9	4.2
INCOME							
<\$15,000	469	3.1	-0.2	6.4	2.7	0.1	5.4
\$15,000-24,999	752	3.0	1.5	4.5	2.5	1.0	3.9
\$25,000-34,999	550	1.7	0.3	3.2	1.7	-0.3	3.7
\$35,000-49,999	688	2.7	-0.9	6.4	5.0	-0.9	10.9
\$50,000-74,999	648	2.6	1.1	4.1	2.9	1.3	4.4
\$75,000+	840	3.4	1.4	5.5	3.7	1.6	5.9

Definition: "Neither agree nor disagree" response to the question "People are generally caring and sympathetic to people with mental illness. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Chapter 24 Mental Illness and Stigma

Table 24.10.3 Disagrees strongly or slightly that people are generally caring and sympathetic to people with mental illness

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>			<i>Age-adjusted Prevalence</i>		
<i>Demographic</i>	<i>Sample Size</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>	<i>%</i>	<i>Lower CI</i>	<i>Upper CI</i>
OVERALL	4,522	40.9	38.7	43.1	40.9	38.5	43.3
REGION							
Central	515	42.1	36.2	48.1	42.4	36.4	48.5
Kansas City Metro	862	44.0	39.8	48.3	43.1	38.5	47.6
Northeast	524	40.1	34.8	45.5	40.8	34.7	46.9
Northwest	540	37.3	31.5	43.2	36.5	31.1	41.8
Southeast	503	35.7	30.4	40.9	36.0	30.3	41.7
Southwest	508	45.6	40.0	51.3	46.4	40.5	52.3
St. Louis Metro	1,070	38.6	34.1	43.1	38.5	33.7	43.3
GENDER							
Female	2,815	46.0	43.2	48.8	46.3	43.2	49.4
Male	1,707	35.3	31.9	38.8	35.2	31.6	38.7
RACE							
African-American	370	37.0	29.6	44.3	36.4	29.4	43.3
Other	257	45.7	36.5	54.9	46.8	37.8	55.9
White	3,865	40.7	38.4	43.1	40.7	38.1	43.3
EDUCATION							
< High School	451	41.2	33.4	48.9	44.0	36.0	51.9
High School	1,547	38.4	34.6	42.2	38.1	33.9	42.4
High School +	2,517	42.2	39.3	45.1	41.9	38.7	45.0
INCOME							
<\$15,000	469	40.7	32.7	48.7	40.4	32.7	48.1
\$15,000-24,999	752	40.8	35.2	46.4	42.4	36.1	48.7
\$25,000-34,999	550	43.1	37.0	49.3	46.8	39.8	53.8
\$35,000-49,999	688	40.3	34.3	46.3	38.0	32.6	43.4
\$50,000-74,999	648	38.8	33.5	44.0	36.6	31.5	41.6
\$75,000+	840	42.0	37.4	46.6	41.3	35.5	47.1

Definition: "Disagree strongly" AND "Disagree slightly" responses to the question "People are generally caring and sympathetic to people with mental illness. Do you agree slightly or strongly, or disagree slightly or strongly?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2009

Other Topics

Chapter 25 Caregiver Status

Table 25.1 Provided care or assistance in past month to a friend or family member with a health problem or disability

Prevalence and Age-adjusted Prevalence with 95% Confidence Intervals (CI)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	5,025	25.8	23.9	27.6	25.7	23.8	27.6
REGION							
Central	565	27.5	22.4	32.6	27.8	22.8	32.8
Kansas City Metro	948	24.8	21.4	28.2	24.3	20.8	27.9
Northeast	587	26.2	21.7	30.7	26.1	21.6	30.7
Northwest	602	22.3	17.5	27.1	24.0	18.2	29.7
Southeast	557	25.6	21.0	30.3	25.4	20.3	30.4
Southwest	553	31.8	26.7	36.8	31.9	26.5	37.3
St. Louis Metro	1,213	23.5	19.9	27.1	23.2	19.5	26.8
GENDER							
Female	3,114	29.6	27.1	32.1	29.8	27.0	32.6
Male	1,911	21.6	19.0	24.2	21.5	18.9	24.0
RACE							
African-American	433	29.9	23.5	36.2	30.0	23.5	36.6
Other	302	27.8	20.1	35.4	27.6	20.4	34.8
White	4,252	25.1	23.2	27.1	25.0	22.9	27.0
EDUCATION							
< High School	530	31.9	25.2	38.6	36.3	29.5	43.1
High School	1,761	27.8	24.6	31.1	28.0	24.4	31.7
High School +	2,726	23.6	21.3	25.8	23.5	21.1	25.9
INCOME							
<\$15,000	549	30.4	23.1	37.7	30.7	24.0	37.5
\$15,000-24,999	850	33.7	28.6	38.8	35.1	29.5	40.7
\$25,000-34,999	594	28.3	23.0	33.6	29.2	23.2	35.2
\$35,000-49,999	746	26.3	21.7	31.0	26.2	21.6	30.7
\$50,000-74,999	693	21.9	17.7	26.1	21.8	17.5	26.0
\$75,000+	898	22.8	19.2	26.4	22.3	17.4	27.1

Definition: "Yes" response to "During the past month did you provide any such care or assistance to a friend or family member?"

Footnotes

1. Percents may not add to 100 due to rounding.
2. This sign (--) indicates that the number of responses is less than 50 and is not sufficient to produce a stable prevalence.