

BRFSS

Behavioral Risk Factor Surveillance System



2011 Data Report



Missouri Department of Health and Senior Services
Division of Community and Public Health
Office of Epidemiology
Gail Vasterling, Acting Director

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2011 Behavioral Risk Factor Surveillance System Data Report

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INTRODUCTION

ABOUT THIS REPORT

This report presents data from the 2011 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.

In 2011, 5,281 adults were interviewed January through December by the Health and Behavioral Risk Research Center at the University of Missouri-Columbia. Randomly selected household landline telephone numbers were called and an adult was randomly selected to participate in the survey. Additionally, 1,054 randomly selected adult cell telephone-only users participated in the interview. Cell phone interviews were added to the BRFSS because of the growing number of adults that use cell phones rather than landline telephones. Missouri adults living in cell phone-only households increased from 10.1 percent in 2007 to 22.4 percent from July 2009 to June 2010.¹ Data from the landline and cell telephone interviews were aggregated and weighted by the U.S. Centers for Disease Control and Prevention (CDC) to be representative of non-institutionalized adults in Missouri.

Please note: In addition to adding cell phone interviews in 2011, the CDC began using a new weighting methodology that allows the data to be more representative of the adult population. Previous years of BRFSS data may be found in Annual Reports located on the Missouri Department of Health and Senior Services website at <http://www.health.mo.gov/data/brfss/data.php>, but should not be compared to 2011 data because of the new weighting method and combining data from landline and cell telephone interviews. A description of the new methodology may be found on the BRFSS web address above.

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

¹ Blumberg SJ, Luke JV, Ganesh N, et al. Wireless substitution: State-level estimates from the National Health Interview Survey, January 2007–June 2010. National health statistics reports; no 39. Hyattsville, MD: National Center for Health Statistics. 2011. Available from: <http://www.cdc.gov/nchs/data/nhsr/nhsr039.pdf>.

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.

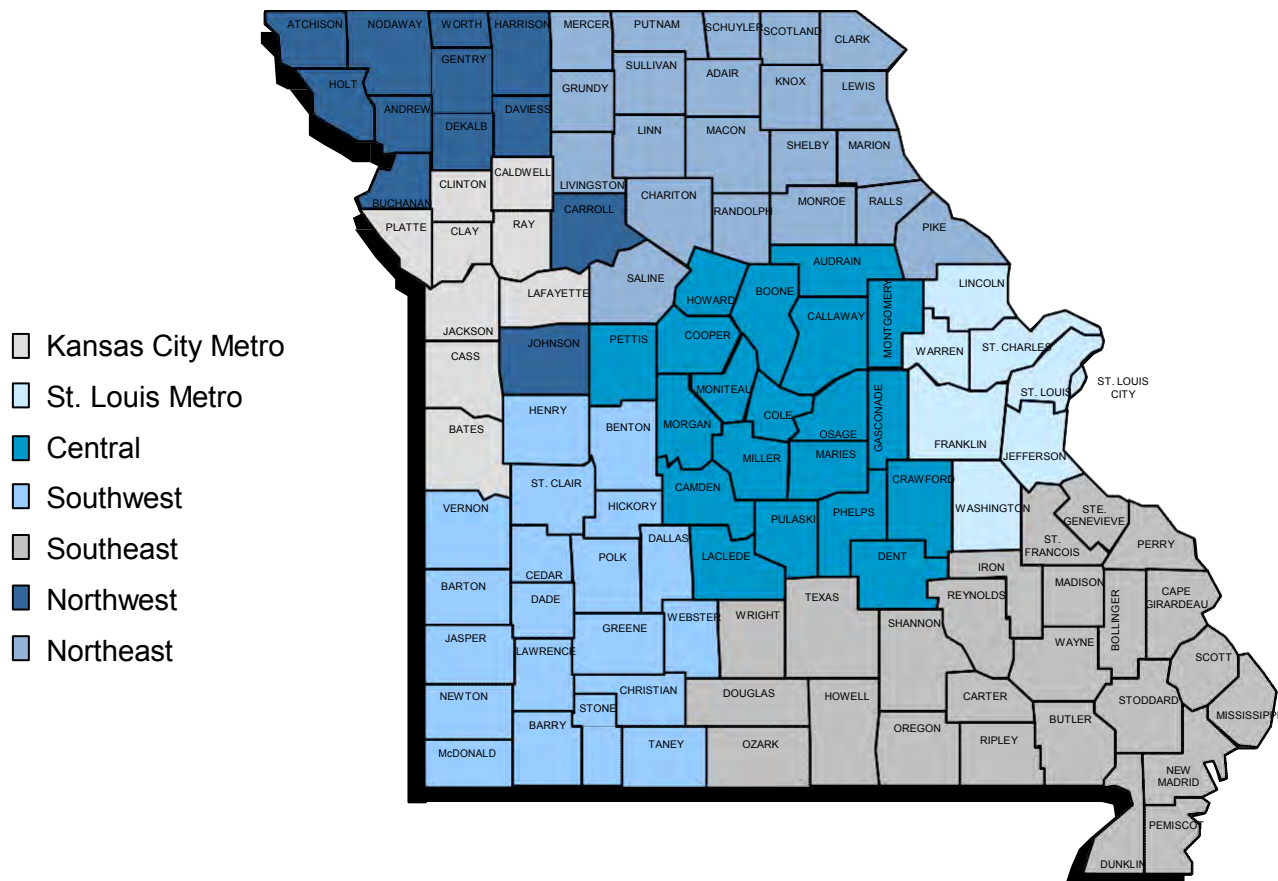
Age adjustment: A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

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



**Distribution of demographic and economic characteristics
of Missouri adult respondents, BRFSS 2011**

CHARACTERISTIC	NUMBER OF RESPONDENTS: COMBINED LANDLINE AND CELL TELEPHONE INTERVIEWS	WEIGHTED PERCENT ² %
OVERALL	6405	100
GENDER		
MALE	2484	48.2
FEMALE	3921	51.8
AGE GROUP		
18-24	325	13.0
25-34	626	17.2
35-44	697	16.6
45-54	1121	19.1
55-64	1425	15.5
65 AND OLDER	2164	18.7
RACE/ETHNICITY		
WHITE, NON-HISPANIC	5404	83.1
AFRICAN-AMERICAN, NON-HISPANIC	562	10.5
OTHER RACE ONLY, NON-HISPANIC	139	2.1
MULTIRACIAL, NON-HISPANIC	137	1.0
HISPANIC	120	3.2
EDUCATION		
LESS THAN HIGH SCHOOL	678	14.2
HIGH SCHOOL	2254	32.4
SOME POST HIGH SCHOOL	1672	30.3
COLLEGE GRADUATE	1784	23.0
MARITAL STATUS		
NEVER MARRIED	909	22.5
MARRIED	3213	52.8
DIVORCED, SEPARATED	1122	13.9
WIDOWED	992	7.2
UNMARRIED COUPLE	143	3.5
HOUSEHOLD INCOME		
Less than \$15,000	797	13.6
\$15,000-24,999	1154	19.5
\$25,000-34,999	711	11.6
\$35,000-49,999	830	15.1
\$50,000-74,999	848	16.6
\$75,000 and over	103	23.0
EMPLOYMENT		
EMPLOYED	2881	53.7
OUT OF WORK	403	9.3
UNABLE TO WORK	594	7.9
HOMEMAKER	372	5.6
STUDENT	158	5.5
RETIRED	1984	18.0

² Percents may not add to 100 due to rounding

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011
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	6,385	5.5	4.8	6.2	5.2	4.5	5.9
REGION							
Central	724	4.6	3.2	6.0	4.4	3.0	5.7
Kansas City Metro	1,210	3.6	2.4	4.8	3.6	2.3	4.8
Northeast	627	6.3	4.0	8.5	5.6	3.4	7.9
Northwest	656	6.4	3.9	9.0	6.3	3.8	8.7
Southeast	724	10.6	8.1	13.0	9.8	7.2	12.3
Southwest	805	6.6	4.5	8.6	5.9	4.0	7.7
St. Louis Metro	1,639	4.9	3.6	6.2	4.6	3.3	5.9
GENDER							
Female	3,910	5.9	5.0	6.8	5.6	4.6	6.5
Male	2,475	5.0	4.0	6.1	4.8	3.9	5.8
RACE							
African-American	558	6.7	3.8	9.5	7.1	4.0	10.2
Other	394	5.8	2.7	8.9	7.8	4.2	11.4
White	5,390	5.3	4.6	6.0	4.9	4.2	5.5
EDUCATION							
< High School	673	13.6	10.3	16.8	13.8	10.3	17.2
High School	2,246	6.6	5.3	7.9	6.2	4.7	7.6
>High School	3,449	2.7	2.1	3.3	2.6	2.1	3.1
INCOME							
<\$15,000	792	14.4	11.3	17.4	15.8	12.3	19.3
\$15,000-24,999	1,151	9.7	7.5	12.0	9.3	6.8	11.8
\$25,000-34,999	710	6.5	3.9	9.0	6.9	3.5	10.2
\$35,000-49,999	826	2.0	1.1	2.9	1.9	1.0	2.7
\$50,000-74,999	847	1.7	0.2	3.2	1.4	0.3	2.4
≥\$75,000	1,032	1.0	0.4	1.6	1.1	0.5	1.7

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 - 2011

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	6,385	18.2	16.9	19.4	17.6	16.3	18.8
REGION							
Central	724	18.7	15.0	22.4	18.9	14.8	23.1
Kansas City Metro	1,210	17.2	14.6	19.7	17.0	14.4	19.6
Northeast	627	19.8	15.5	24.0	18.3	14.1	22.5
Northwest	656	18.9	14.9	22.9	18.6	14.8	22.4
Southeast	724	26.4	22.5	30.2	25.3	21.1	29.4
Southwest	805	20.7	17.2	24.3	19.4	16.0	22.9
St. Louis Metro	1,639	15.1	12.9	17.4	14.4	12.3	16.5
GENDER							
Female	3,910	19.4	17.8	21.1	18.6	16.9	20.3
Male	2,475	16.8	15.0	18.7	16.5	14.7	18.4
RACE							
African-American	558	22.8	18.3	27.4	23.5	18.9	28.1
Other	394	20.8	15.1	26.4	25.1	19.5	30.6
White	5,390	17.5	16.1	18.8	16.4	15.1	17.8
EDUCATION							
< High School	673	32.7	27.8	37.5	32.8	27.9	37.8
High School	2,246	21.1	18.9	23.2	20.2	17.9	22.5
>High School	3,449	12.6	11.1	14.1	12.4	10.9	13.9
INCOME							
<\$15,000	792	38.6	33.7	43.5	41.7	36.8	46.5
\$15,000-24,999	1,151	28.9	25.4	32.5	27.9	24.0	31.8
\$25,000-34,999	710	21.9	17.7	26.1	23.0	18.1	27.8
\$35,000-49,999	826	11.2	8.6	13.8	10.7	8.2	13.3
\$50,000-74,999	847	11.2	8.2	14.2	9.8	7.3	12.2
≥\$75,000	1,032	5.8	3.7	7.9	6.9	4.4	9.5

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 - 2011

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	6,385	12.7	11.6	13.8	12.4	11.3	13.5
REGION							
Central	724	14.1	10.6	17.6	14.6	10.6	18.6
Kansas City Metro	1,210	13.5	11.2	15.8	13.5	11.1	15.8
Northeast	627	13.5	9.8	17.3	12.7	9.0	16.3
Northwest	656	12.5	9.3	15.7	12.3	9.2	15.4
Southeast	724	15.8	12.6	19.1	15.5	11.9	19.1
Southwest	805	14.2	11.1	17.3	13.6	10.5	16.7
St. Louis Metro	1,639	10.3	8.4	12.1	9.8	8.0	11.6
GENDER							
Female	3,910	13.5	12.1	15.0	13.1	11.6	14.6
Male	2,475	11.8	10.2	13.4	11.7	10.0	13.3
RACE							
African-American	558	16.2	12.5	19.9	16.4	12.7	20.1
Other	394	14.9	10.2	19.7	17.3	12.6	21.9
White	5,390	12.1	11.0	13.3	11.6	10.4	12.8
EDUCATION							
< High School	673	19.1	15.3	22.9	19.1	15.1	23.1
High School	2,246	14.5	12.7	16.3	14.1	12.1	16.0
>High School	3,449	9.9	8.5	11.4	9.8	8.4	11.2
INCOME							
<\$15,000	792	24.2	20.1	28.4	25.9	21.6	30.1
\$15,000-24,999	1,151	19.2	16.1	22.3	18.7	15.2	22.1
\$25,000-34,999	710	15.5	11.8	19.1	16.1	11.7	20.5
\$35,000-49,999	826	9.3	6.8	11.7	8.9	6.5	11.3
\$50,000-74,999	847	9.5	6.8	12.2	8.4	6.1	10.7
≥\$75,000	1,032	4.8	2.8	6.8	5.9	3.4	8.3

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 - 2011

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	6,385	33.0	31.3	34.7	32.6	30.9	34.4
REGION							
Central	724	35.5	30.9	40.1	35.8	31.0	40.6
Kansas City Metro	1,210	33.3	29.7	36.8	33.0	29.3	36.7
Northeast	627	33.2	27.6	38.8	32.5	26.1	38.8
Northwest	656	34.4	29.0	39.8	34.2	28.7	39.7
Southeast	724	31.9	27.5	36.3	31.2	26.6	35.8
Southwest	805	32.0	27.6	36.3	32.0	27.6	36.4
St. Louis Metro	1,639	32.6	29.3	36.0	31.7	28.3	35.2
GENDER							
Female	3,910	31.8	29.7	34.0	31.2	29.0	33.5
Male	2,475	34.3	31.6	36.9	34.1	31.4	36.8
RACE							
African-American	558	34.4	28.5	40.3	34.6	28.9	40.3
Other	394	34.4	26.4	42.4	34.6	27.8	41.4
White	5,390	32.6	30.8	34.4	32.0	30.1	33.9
EDUCATION							
< High School	673	40.3	34.5	46.1	40.3	34.3	46.3
High School	2,246	34.8	32.0	37.6	35.0	31.9	38.0
>High School	3,449	29.9	27.8	32.1	29.8	27.5	32.1
INCOME							
<\$15,000	792	33.0	27.7	38.4	34.0	28.7	39.2
\$15,000-24,999	1,151	38.2	34.3	42.1	37.9	33.5	42.2
\$25,000-34,999	710	33.2	28.5	37.9	31.8	26.8	36.7
\$35,000-49,999	826	33.8	28.8	38.7	32.9	27.7	38.0
\$50,000-74,999	847	30.9	26.5	35.2	30.3	25.8	34.8
≥\$75,000	1,032	25.0	21.3	28.6	24.1	20.3	27.9

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 - 2011

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	6,385	30.9	29.3	32.6	31.3	29.6	33.0
REGION							
Central	724	29.2	24.9	33.4	28.9	24.6	33.2
Kansas City Metro	1,210	29.8	26.6	33.1	29.6	26.2	33.0
Northeast	627	31.5	25.8	37.1	31.8	25.7	37.8
Northwest	656	29.1	23.4	34.7	28.8	23.3	34.4
Southeast	724	29.6	25.2	34.0	30.1	25.5	34.8
Southwest	805	30.1	26.1	34.2	31.6	27.4	35.8
St. Louis Metro	1,639	33.0	29.7	36.2	33.8	30.3	37.2
GENDER							
Female	3,910	31.4	29.3	33.5	32.0	29.8	34.3
Male	2,475	30.4	27.9	33.0	30.5	27.9	33.1
RACE							
African-American	558	24.5	19.5	29.6	23.8	19.0	28.6
Other	394	22.6	15.5	29.7	20.9	15.4	26.4
White	5,390	32.5	30.7	34.2	33.2	31.2	35.1
EDUCATION							
< High School	673	14.7	10.6	18.8	13.7	9.7	17.7
High School	2,246	29.5	26.6	32.4	29.7	26.6	32.8
>High School	3,449	36.2	34.0	38.4	36.3	34.0	38.6
INCOME							
<\$15,000	792	15.8	11.5	20.1	13.9	10.5	17.2
\$15,000-24,999	1,151	22.2	19.0	25.5	22.0	18.6	25.5
\$25,000-34,999	710	28.2	23.8	32.7	28.0	23.2	32.8
\$35,000-49,999	826	34.9	30.3	39.6	35.0	30.1	40.0
\$50,000-74,999	847	37.6	33.1	42.1	37.6	33.0	42.1
≥\$75,000	1,032	42.9	38.8	47.0	42.3	37.9	46.8

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 - 2011

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	6,385	17.9	16.5	19.3	18.5	17.0	20.1
REGION							
Central	724	16.7	12.9	20.5	16.4	12.7	20.1
Kansas City Metro	1,210	19.8	16.6	22.9	20.4	17.0	23.8
Northeast	627	15.6	11.0	20.2	17.5	12.2	22.7
Northwest	656	17.7	12.8	22.5	18.4	13.6	23.2
Southeast	724	12.1	9.3	15.0	13.5	10.0	16.9
Southwest	805	17.2	13.7	20.7	17.0	13.6	20.5
St. Louis Metro	1,639	19.3	16.5	22.1	20.1	17.1	23.1
GENDER							
Female	3,910	17.3	15.5	19.2	18.1	16.1	20.1
Male	2,475	18.5	16.2	20.7	19.0	16.7	21.3
RACE							
African-American	558	18.3	13.2	23.4	18.1	13.1	23.1
Other	394	22.2	14.9	29.6	19.4	13.2	25.7
White	5,390	17.5	16.0	19.0	18.4	16.7	20.0
EDUCATION							
< High School	673	12.3	7.6	17.1	13.2	8.1	18.3
High School	2,246	14.6	12.4	16.9	15.1	12.8	17.5
>High School	3,449	21.3	19.3	23.2	21.5	19.5	23.5
INCOME							
<\$15,000	792	12.6	8.5	16.7	10.5	7.4	13.6
\$15,000-24,999	1,151	10.7	7.8	13.5	12.2	8.6	15.7
\$25,000-34,999	710	16.7	12.1	21.2	17.3	12.2	22.4
\$35,000-49,999	826	20.1	15.7	24.4	21.4	16.6	26.2
\$50,000-74,999	847	20.3	16.5	24.2	22.4	18.1	26.7
≥\$75,000	1,032	26.4	22.8	29.9	26.6	22.9	30.4

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 - 2011

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	6,276	65.6	63.9	67.3	65.8	64.0	67.5
REGION							
Central	718	67.7	63.3	72.0	67.5	63.0	72.1
Kansas City Metro	1,187	65.3	61.7	69.0	65.0	61.2	68.8
Northeast	616	66.4	61.0	71.8	65.3	59.4	71.1
Northwest	647	64.0	58.5	69.6	64.8	59.4	70.2
Southeast	709	58.7	54.0	63.3	59.1	54.1	64.1
Southwest	790	62.9	58.5	67.2	63.1	58.6	67.6
St. Louis Metro	1,609	68.1	64.9	71.3	68.5	65.2	71.9
GENDER							
Female	3,840	63.8	61.7	66.0	64.0	61.7	66.3
Male	2,436	67.5	64.9	70.0	67.6	65.0	70.2
RACE							
African-American	542	65.9	60.3	71.5	65.5	60.0	71.1
Other	385	63.0	55.2	70.9	60.2	53.2	67.3
White	5,310	65.8	64.0	67.6	66.0	64.0	67.9
EDUCATION							
< High School	648	60.7	55.2	66.2	60.2	54.4	66.1
High School	2,194	64.5	61.6	67.4	64.8	61.7	67.9
>High School	3,418	67.5	65.3	69.6	67.6	65.4	69.8
INCOME							
<\$15,000	776	43.7	38.4	49.1	42.2	36.8	47.6
\$15,000-24,999	1,131	59.4	55.5	63.4	59.4	55.1	63.7
\$25,000-34,999	700	67.0	62.3	71.8	67.2	62.2	72.3
\$35,000-49,999	820	71.4	67.1	75.8	71.7	67.2	76.2
\$50,000-74,999	841	70.5	66.1	74.9	70.7	66.1	75.3
≥\$75,000	1,028	72.8	69.1	76.6	73.7	69.8	77.7

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 - 2011

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	6,276	13.3	12.2	14.4	12.9	11.8	14.0
REGION							
Central	718	12.1	9.5	14.7	12.1	9.5	14.8
Kansas City Metro	1,187	14.2	11.7	16.7	14.1	11.6	16.7
Northeast	616	16.2	12.2	20.1	16.6	12.1	21.0
Northwest	647	12.6	9.3	15.9	12.2	9.1	15.3
Southeast	709	19.8	16.2	23.4	19.3	15.5	23.1
Southwest	790	16.0	12.8	19.1	15.3	12.1	18.5
St. Louis Metro	1,609	10.0	8.1	11.9	9.5	7.6	11.4
GENDER							
Female	3,840	14.7	13.2	16.1	14.0	12.5	15.6
Male	2,436	11.8	10.2	13.4	11.7	10.1	13.3
RACE							
African-American	542	15.5	11.5	19.4	16.0	12.0	19.9
Other	385	16.3	11.0	21.7	19.9	14.4	25.4
White	5,310	12.8	11.6	13.9	12.2	11.0	13.3
EDUCATION							
< High School	648	24.2	19.9	28.5	24.8	20.2	29.5
High School	2,194	14.2	12.4	16.0	13.7	11.8	15.6
>High School	3,418	9.9	8.6	11.2	9.8	8.5	11.2
INCOME							
<\$15,000	776	31.8	27.3	36.4	34.1	29.3	38.8
\$15,000-24,999	1,131	19.2	16.3	22.2	18.8	15.5	22.1
\$25,000-34,999	700	13.8	10.2	17.5	13.1	9.6	16.6
\$35,000-49,999	820	9.9	7.4	12.4	9.5	6.9	12.1
\$50,000-74,999	841	7.2	4.6	9.7	6.8	4.4	9.1
≥\$75,000	1,028	4.3	2.9	5.8	4.3	2.9	5.7

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 - 2011

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	6,302	66.3	64.5	68.0	65.5	63.7	67.3
REGION							
Central	714	68.6	63.9	73.2	68.4	63.6	73.2
Kansas City Metro	1,195	70.7	67.3	74.1	70.4	66.9	73.9
Northeast	619	64.3	58.1	70.5	61.8	55.6	68.1
Northwest	650	68.0	62.3	73.7	68.0	62.5	73.5
Southeast	710	65.3	60.6	70.0	64.4	59.6	69.2
Southwest	794	65.5	61.1	69.9	64.1	59.6	68.6
St. Louis Metro	1,620	63.6	60.2	67.1	62.6	59.1	66.2
GENDER							
Female	3,859	61.4	59.1	63.7	60.0	57.6	62.4
Male	2,443	71.5	68.9	74.1	71.1	68.5	73.8
RACE							
African-American	552	63.1	57.3	69.0	62.9	57.1	68.6
Other	388	70.3	63.6	77.1	70.1	64.0	76.2
White	5,323	66.2	64.4	68.1	64.9	62.9	66.9
EDUCATION							
< High School	657	60.0	54.1	65.8	57.9	51.9	64.0
High School	2,217	67.6	64.7	70.6	66.4	63.3	69.5
>High School	3,412	67.0	64.8	69.3	67.1	64.8	69.4
INCOME							
<\$15,000	777	51.1	45.8	56.5	49.8	44.6	55.0
\$15,000-24,999	1,136	58.4	54.3	62.5	55.5	51.0	60.1
\$25,000-34,999	705	66.4	61.3	71.5	64.2	58.4	69.9
\$35,000-49,999	821	70.2	65.5	74.9	70.0	65.1	74.8
\$50,000-74,999	839	74.5	70.4	78.6	73.3	68.8	77.8
≥\$75,000	1,026	71.8	68.0	75.7	73.0	68.9	77.1

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 - 2011

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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	6,302	13.1	11.8	14.3	13.2	11.9	14.5
REGION							
Central	714	14.3	10.6	18.0	14.5	10.5	18.4
Kansas City Metro	1,195	11.5	9.0	14.0	11.3	8.8	13.8
Northeast	619	14.1	9.0	19.3	14.8	9.6	20.0
Northwest	650	13.2	8.7	17.6	13.4	9.0	17.8
Southeast	710	17.2	13.6	20.7	18.1	14.1	22.0
Southwest	794	14.3	11.1	17.5	14.8	11.3	18.2
St. Louis Metro	1,620	11.8	9.5	14.2	12.0	9.5	14.5
GENDER							
Female	3,859	14.6	12.9	16.3	14.9	13.1	16.7
Male	2,443	11.4	9.6	13.2	11.5	9.6	13.4
RACE							
African-American	552	16.8	12.4	21.1	16.8	12.3	21.2
Other	388	15.7	10.5	21.0	16.9	11.9	21.8
White	5,323	12.4	11.1	13.7	12.8	11.3	14.2
EDUCATION							
< High School	657	21.7	17.2	26.2	23.6	18.8	28.5
High School	2,217	13.7	11.6	15.8	14.2	12.0	16.5
>High School	3,412	10.4	8.9	12.0	10.4	8.8	12.0
INCOME							
<\$15,000	777	30.2	25.4	35.0	31.8	27.0	36.7
\$15,000-24,999	1,136	19.8	16.4	23.2	21.8	17.8	25.8
\$25,000-34,999	705	10.5	7.1	13.9	10.1	6.8	13.4
\$35,000-49,999	821	8.9	6.3	11.5	8.8	6.2	11.4
\$50,000-74,999	839	6.0	4.0	7.9	6.0	3.9	8.1
≥\$75,000	1,026	8.1	5.3	10.8	7.9	4.9	10.8

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 - 2011

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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,218	59.0	56.5	61.4	59.2	56.7	61.6
REGION							
Central	355	54.6	47.8	61.4	53.5	46.7	60.4
Kansas City Metro	586	54.4	49.0	59.8	55.2	49.9	60.6
Northeast	294	62.8	54.9	70.7	61.1	53.3	68.9
Northwest	307	55.8	47.7	64.0	54.0	46.4	61.6
Southeast	401	54.2	47.8	60.6	53.4	46.9	59.9
Southwest	418	62.9	57.1	68.7	64.1	58.4	69.7
St. Louis Metro	857	62.4	57.8	67.0	62.8	58.1	67.4
GENDER							
Female	2,070	59.2	56.1	62.3	59.6	56.5	62.8
Male	1,148	58.7	54.8	62.5	58.5	54.7	62.3
RACE							
African-American	299	50.8	42.7	59.0	52.6	44.2	60.9
Other	219	60.7	50.4	71.1	58.8	49.4	68.2
White	2,683	59.8	57.2	62.4	60.1	57.4	62.7
EDUCATION							
< High School	396	51.4	44.0	58.8	48.3	41.0	55.5
High School	1,111	62.0	57.8	66.1	62.5	58.4	66.7
>High School	1,706	59.4	56.2	62.6	59.1	55.8	62.4
INCOME							
<\$15,000	546	43.0	36.6	49.5	41.9	36.3	47.5
\$15,000-24,999	656	48.4	43.1	53.8	48.4	42.6	54.2
\$25,000-34,999	364	61.5	54.7	68.2	63.4	56.9	69.9
\$35,000-49,999	387	61.0	54.3	67.7	61.6	54.5	68.8
\$50,000-74,999	359	66.2	59.6	72.8	66.8	60.3	73.2
≥\$75,000	434	70.1	64.3	76.0	68.9	62.5	75.3

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 - 2011

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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,218	17.8	16.1	19.6	17.8	16.0	19.5
REGION							
Central	355	16.9	12.2	21.6	16.7	12.3	21.1
Kansas City Metro	586	20.7	16.3	25.1	20.1	16.1	24.2
Northeast	294	19.6	13.5	25.6	19.9	13.8	26.0
Northwest	307	17.6	11.6	23.6	19.0	12.6	25.4
Southeast	401	24.5	19.3	29.7	23.2	18.4	28.0
Southwest	418	15.9	11.7	20.0	15.0	11.0	18.9
St. Louis Metro	857	15.3	12.3	18.3	15.0	12.2	17.9
GENDER							
Female	2,070	16.7	14.7	18.7	16.4	14.4	18.3
Male	1,148	19.3	16.3	22.3	19.5	16.5	22.5
RACE							
African-American	299	26.2	19.3	33.0	25.7	19.0	32.5
Other	219	22.3	13.7	30.8	25.0	16.9	33.1
White	2,683	16.5	14.7	18.3	16.2	14.4	17.9
EDUCATION							
< High School	396	32.6	26.1	39.1	34.8	28.1	41.5
High School	1,111	19.0	16.0	22.0	18.8	15.8	21.9
>High School	1,706	12.6	10.8	14.5	12.9	11.0	14.7
INCOME							
<\$15,000	546	35.6	29.7	41.4	36.7	31.2	42.2
\$15,000-24,999	656	25.3	20.8	29.7	24.7	20.0	29.5
\$25,000-34,999	364	17.7	12.2	23.3	16.6	11.6	21.7
\$35,000-49,999	387	12.9	8.8	17.1	13.4	8.4	18.4
\$50,000-74,999	359	9.5	5.5	13.5	9.9	5.9	13.9
≥\$75,000	434	5.3	3.0	7.6	6.2	3.5	9.0

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 - 2011

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	6,057	28.1	26.6	29.7	27.1	25.5	28.6
REGION							
Central	694	29.3	25.1	33.5	29.1	24.6	33.5
Kansas City Metro	1,153	27.9	24.7	31.2	27.0	23.8	30.1
Northeast	589	26.8	22.2	31.4	25.5	20.7	30.2
Northwest	621	26.8	21.6	32.0	26.3	21.1	31.4
Southeast	689	32.9	28.5	37.3	30.9	26.5	35.2
Southwest	766	33.7	29.3	38.2	32.5	28.0	37.0
St. Louis Metro	1,545	24.5	21.6	27.3	23.1	20.4	25.9
GENDER							
Female	3,705	29.7	27.7	31.8	28.3	26.2	30.5
Male	2,352	26.4	24.1	28.8	25.6	23.3	28.0
RACE							
African-American	525	27.5	22.1	33.0	28.9	23.2	34.6
Other	369	29.3	21.7	36.9	33.1	26.2	40.1
White	5,129	28.2	26.6	29.9	26.6	24.9	28.3
EDUCATION							
< High School	631	37.6	32.1	43.1	38.1	32.1	44.1
High School	2,123	29.0	26.4	31.5	27.2	24.6	29.8
>High School	3,292	25.2	23.2	27.2	24.9	22.9	26.9
INCOME							
<\$15,000	743	46.0	40.5	51.5	48.5	43.2	53.8
\$15,000-24,999	1,096	36.8	32.8	40.8	36.2	31.9	40.6
\$25,000-34,999	669	29.7	25.0	34.3	27.5	23.0	31.9
\$35,000-49,999	789	22.3	18.6	26.0	21.5	17.7	25.4
\$50,000-74,999	821	20.9	17.3	24.6	19.5	16.2	22.9
≥\$75,000	994	17.8	14.6	21.1	18.4	14.7	22.1

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 - 2011

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	6,085	9.5	8.7	10.4	8.9	8.0	9.7
REGION							
Central	697	8.9	6.8	10.9	8.4	6.4	10.4
Kansas City Metro	1,155	9.4	7.6	11.2	8.9	7.2	10.7
Northeast	598	9.7	7.2	12.3	8.7	6.1	11.2
Northwest	625	8.5	5.6	11.3	7.6	5.2	10.0
Southeast	692	12.0	9.6	14.5	10.8	8.5	13.2
Southwest	769	10.0	7.7	12.4	9.4	7.2	11.6
St. Louis Metro	1,549	9.0	7.3	10.8	8.4	6.9	10.0
GENDER							
Female	3,723	9.9	8.8	11.0	8.8	7.8	9.8
Male	2,362	9.1	7.7	10.5	8.9	7.6	10.2
RACE							
African-American	526	11.7	8.2	15.2	12.4	9.1	15.7
Other	371	11.4	7.4	15.3	14.9	10.7	19.1
White	5,153	9.1	8.2	10.0	8.2	7.3	9.0
EDUCATION							
< High School	638	15.8	12.6	19.1	14.6	11.4	17.8
High School	2,132	9.8	8.3	11.3	8.5	7.1	9.9
>High School	3,303	7.7	6.6	8.8	7.6	6.6	8.6
INCOME							
<\$15,000	748	17.1	13.9	20.4	17.8	14.6	21.1
\$15,000-24,999	1,098	16.8	13.9	19.8	15.2	12.2	18.1
\$25,000-34,999	672	9.7	6.9	12.4	8.0	5.9	10.2
\$35,000-49,999	792	5.1	3.5	6.8	4.7	3.2	6.3
\$50,000-74,999	825	4.4	2.9	5.9	4.1	2.7	5.4
≥\$75,000	994	4.6	2.9	6.3	4.8	3.1	6.5

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 - 2011

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	6,383	17.5	16.1	19.0	18.2	16.6	19.7
REGION							
Central	722	20.8	16.2	25.3	20.5	16.2	24.9
Kansas City Metro	1,212	15.0	12.0	17.9	15.2	12.1	18.3
Northeast	626	15.7	10.9	20.6	16.5	11.4	21.5
Northwest	656	20.7	14.9	26.5	21.1	15.3	26.9
Southeast	722	21.2	17.0	25.5	23.3	18.8	27.8
Southwest	808	22.3	18.2	26.4	23.7	19.5	27.8
St. Louis Metro	1,637	14.8	12.2	17.3	15.0	12.3	17.7
GENDER							
Female	3,911	15.8	14.0	17.6	16.7	14.8	18.6
Male	2,472	19.4	17.1	21.7	19.6	17.3	22.0
RACE							
African-American	561	23.5	18.6	28.5	22.6	17.9	27.3
Other	394	24.1	17.0	31.2	21.8	15.7	27.9
White	5,386	16.3	14.7	17.8	17.4	15.7	19.1
EDUCATION							
< High School	674	26.8	21.3	32.2	28.7	23.2	34.1
High School	2,243	22.2	19.7	24.8	25.3	22.4	28.2
>High School	3,451	12.2	10.6	13.8	12.3	10.6	14.0
INCOME							
<\$15,000	790	32.8	27.6	38.1	34.0	28.9	39.1
\$15,000-24,999	1,150	31.5	27.7	35.4	34.8	30.6	39.0
\$25,000-34,999	711	18.8	14.4	23.3	21.7	16.4	27.0
\$35,000-49,999	830	15.9	11.6	20.2	17.1	12.7	21.4
\$50,000-74,999	848	6.7	4.0	9.4	7.2	4.2	10.3
≥\$75,000	1,033	3.4	1.8	4.9	3.3	1.7	4.8

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 - 2011

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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	4,181	21.3	19.6	23.1	18.0	16.5	19.5
REGION							
Central	470	25.3	19.9	30.8	20.4	16.0	24.7
Kansas City Metro	806	17.8	14.3	21.4	15.0	12.0	18.1
Northeast	357	19.9	13.7	26.1	16.2	11.1	21.2
Northwest	399	25.5	18.5	32.4	21.0	15.2	26.8
Southeast	453	27.3	22.0	32.6	23.2	18.8	27.7
Southwest	530	28.0	22.9	33.1	23.6	19.4	27.7
St. Louis Metro	1,166	17.5	14.5	20.6	14.7	12.0	17.3
GENDER							
Female	2,475	19.7	17.5	22.0	16.6	14.6	18.5
Male	1,706	23.0	20.3	25.7	19.4	17.0	21.7
RACE							
African-American	404	26.5	20.9	32.2	22.0	17.3	26.7
Other	285	26.5	18.6	34.4	21.0	15.0	27.0
White	3,474	20.2	18.3	22.1	17.3	15.6	18.9
EDUCATION							
< High School	346	35.4	28.3	42.5	28.4	22.9	33.8
High School	1,353	28.2	24.9	31.4	25.1	22.3	28.0
>High School	2,476	14.2	12.3	16.1	12.1	10.4	13.8
INCOME							
<\$15,000	519	38.7	32.5	44.9	33.4	28.3	38.5
\$15,000-24,999	656	42.1	37.2	47.1	34.7	30.5	38.9
\$25,000-34,999	429	25.2	19.4	31.0	21.6	16.3	26.8
\$35,000-49,999	562	19.5	14.4	24.7	17.0	12.7	21.4
\$50,000-74,999	670	7.3	4.3	10.3	6.8	3.8	9.8
≥\$75,000	891	3.5	1.9	5.1	3.0	1.5	4.5

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 - 2011

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	6,393	74.6	73.0	76.2	74.0	72.4	75.6
REGION							
Central	723	73.8	69.5	78.2	73.8	69.3	78.3
Kansas City Metro	1,212	77.0	73.9	80.2	76.9	73.7	80.0
Northeast	627	74.2	68.4	80.0	72.6	66.1	79.0
Northwest	659	70.6	64.5	76.6	70.3	64.7	75.9
Southeast	723	69.3	64.8	73.7	68.9	64.2	73.6
Southwest	807	70.6	66.3	74.9	70.0	65.6	74.3
St. Louis Metro	1,642	77.0	74.0	80.0	76.1	73.0	79.3
GENDER							
Female	3,917	79.2	77.1	81.2	78.3	76.1	80.4
Male	2,476	69.7	67.2	72.1	69.5	67.1	72.0
RACE							
African-American	560	68.9	63.2	74.7	69.6	64.0	75.2
Other	394	67.5	60.1	74.8	70.5	64.3	76.8
White	5,396	75.9	74.2	77.6	74.8	73.0	76.6
EDUCATION							
< High School	677	65.7	60.1	71.2	64.9	59.1	70.7
High School	2,247	72.4	69.6	75.1	70.3	67.3	73.3
>High School	3,452	78.3	76.3	80.3	77.9	75.9	79.9
INCOME							
<\$15,000	795	62.8	57.4	68.1	64.2	59.0	69.4
\$15,000-24,999	1,152	62.8	58.8	66.9	60.1	55.8	64.5
\$25,000-34,999	710	75.8	71.2	80.4	74.2	69.0	79.4
\$35,000-49,999	829	74.4	69.8	78.9	73.7	69.1	78.4
\$50,000-74,999	847	81.8	78.1	85.5	80.2	76.2	84.2
≥\$75,000	1,032	87.0	84.5	89.5	87.3	84.6	89.9

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 - 2011

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	6,393	19.9	18.4	21.4	20.5	19.0	22.0
REGION							
Central	723	20.9	16.7	25.1	21.1	16.8	25.4
Kansas City Metro	1,212	19.4	16.3	22.4	19.7	16.6	22.7
Northeast	627	19.5	13.9	25.1	21.3	15.0	27.6
Northwest	659	23.7	17.6	29.7	24.2	18.5	29.9
Southeast	723	22.9	18.8	27.1	23.7	19.3	28.1
Southwest	807	23.8	19.6	27.9	24.3	20.3	28.3
St. Louis Metro	1,642	17.0	14.2	19.8	17.8	14.9	20.7
GENDER							
Female	3,917	14.9	13.0	16.8	15.8	13.9	17.7
Male	2,476	25.2	22.9	27.6	25.3	22.9	27.7
RACE							
African-American	560	24.4	19.3	29.6	23.4	18.5	28.2
Other	394	28.4	21.2	35.6	24.1	18.2	30.1
White	5,396	18.7	17.1	20.3	19.9	18.2	21.6
EDUCATION							
< High School	677	27.7	22.3	33.1	28.6	23.3	33.9
High School	2,247	21.5	19.0	24.1	23.8	20.9	26.7
>High School	3,452	16.8	15.0	18.6	17.2	15.3	19.0
INCOME							
<\$15,000	795	31.3	26.0	36.6	30.1	25.0	35.2
\$15,000-24,999	1,152	30.0	26.1	33.8	32.2	28.2	36.2
\$25,000-34,999	710	19.5	15.0	23.9	21.6	16.5	26.7
\$35,000-49,999	829	20.2	15.8	24.5	21.2	16.8	25.7
\$50,000-74,999	847	14.7	11.2	18.3	16.4	12.5	20.2
≥\$75,000	1,032	8.9	6.7	11.0	8.6	6.4	10.9

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 - 2011

Chapter 4 Health Care Access

Table 4.2.3 Think of more than 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	6,393	5.6	4.8	6.3	5.5	4.7	6.3
REGION							
Central	723	5.3	3.6	7.0	5.1	3.5	6.7
Kansas City Metro	1,212	3.6	2.6	4.6	3.4	2.4	4.4
Northeast	627	6.3	3.8	8.8	6.1	3.2	9.0
Northwest	659	5.8	3.5	8.0	5.6	3.3	7.9
Southeast	723	7.8	5.3	10.3	7.4	4.9	10.0
Southwest	807	5.7	3.8	7.5	5.7	3.7	7.8
St. Louis Metro	1,642	6.0	4.4	7.6	6.1	4.4	7.8
GENDER							
Female	3,917	6.0	4.9	7.1	5.9	4.7	7.2
Male	2,476	5.1	4.1	6.1	5.2	4.1	6.2
RACE							
African-American	560	6.6	3.1	10.2	7.1	3.0	11.1
Other	394	4.1	2.3	5.9	5.3	3.1	7.6
White	5,396	5.5	4.7	6.2	5.3	4.5	6.1
EDUCATION							
< High School	677	6.7	4.0	9.3	6.5	3.6	9.4
High School	2,247	6.1	4.8	7.4	5.9	4.4	7.4
>High School	3,452	4.9	4.0	5.8	4.9	4.0	5.8
INCOME							
<\$15,000	795	5.9	3.9	7.9	5.7	3.9	7.5
\$15,000-24,999	1,152	7.2	4.8	9.7	7.7	4.5	10.9
\$25,000-34,999	710	4.8	3.0	6.5	4.2	2.6	5.8
\$35,000-49,999	829	5.5	3.6	7.3	5.1	3.4	6.7
\$50,000-74,999	847	3.5	2.2	4.8	3.4	2.1	4.8
≥\$75,000	1,032	4.2	2.8	5.5	4.1	2.7	5.5

Definition: "More than one" response to the question "Do you have one person you think of as your personal doctor or health care provider?" OR "No" response to "Do you have one person you think of as your personal doctor or health care provider?" AND "More than one" 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 - 2011

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	6,388	15.7	14.4	17.1	16.1	14.7	17.5
REGION							
Central	725	14.7	11.0	18.3	14.5	10.9	18.0
Kansas City Metro	1,207	15.3	12.3	18.3	15.6	12.5	18.7
Northeast	628	15.7	11.2	20.2	17.8	12.6	23.1
Northwest	658	18.3	13.7	23.0	18.2	13.6	22.8
Southeast	725	18.0	14.3	21.7	19.6	15.6	23.6
Southwest	805	20.2	16.2	24.1	20.9	16.8	25.0
St. Louis Metro	1,640	13.6	11.3	15.9	13.5	11.1	15.9
GENDER							
Female	3,911	17.2	15.3	19.0	18.0	16.0	20.0
Male	2,477	14.2	12.3	16.1	14.2	12.3	16.2
RACE							
African-American	561	22.9	18.0	27.8	22.0	17.3	26.7
Other	393	23.6	16.6	30.6	22.3	16.2	28.4
White	5,391	14.2	12.8	15.5	14.8	13.3	16.3
EDUCATION							
< High School	675	26.7	21.5	31.8	28.7	23.3	34.2
High School	2,246	16.7	14.5	19.0	18.5	15.9	21.1
>High School	3,450	12.2	10.7	13.8	12.1	10.6	13.7
INCOME							
<\$15,000	795	32.6	27.6	37.6	33.5	28.5	38.5
\$15,000-24,999	1,149	29.2	25.5	32.9	32.3	28.0	36.6
\$25,000-34,999	708	20.6	16.3	24.9	22.8	18.0	27.6
\$35,000-49,999	828	10.4	7.7	13.2	10.5	7.7	13.4
\$50,000-74,999	848	8.2	4.9	11.5	9.1	5.2	12.9
≥\$75,000	1,032	4.0	2.2	5.8	4.0	2.0	6.0

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 - 2011

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	6,307	65.7	63.9	67.4	64.5	62.7	66.3
REGION							
Central	708	63.4	58.5	68.3	63.2	58.3	68.1
Kansas City Metro	1,199	65.5	61.8	69.2	65.1	61.3	69.0
Northeast	611	64.9	58.8	70.9	62.6	55.9	69.3
Northwest	647	57.1	51.3	63.0	57.0	51.3	62.6
Southeast	715	67.0	62.4	71.6	65.0	60.0	69.9
Southwest	800	60.7	56.1	65.3	58.1	53.6	62.5
St. Louis Metro	1,627	69.3	66.0	72.7	68.3	64.8	71.7
GENDER							
Female	3,859	71.4	69.2	73.6	70.2	67.9	72.5
Male	2,448	59.5	56.8	62.3	58.8	56.1	61.6
RACE							
African-American	552	78.2	73.3	83.1	78.2	73.3	83.1
Other	384	55.3	46.8	63.9	61.4	54.6	68.1
White	5,328	64.9	63.0	66.8	62.9	60.9	64.9
EDUCATION							
< High School	665	60.8	55.0	66.7	58.1	51.9	64.2
High School	2,225	65.3	62.4	68.2	62.5	59.3	65.7
>High School	3,401	67.2	64.9	69.5	66.6	64.3	68.9
INCOME							
<\$15,000	781	61.3	55.9	66.7	61.6	56.4	66.8
\$15,000-24,999	1,134	60.2	56.1	64.3	56.9	52.4	61.3
\$25,000-34,999	702	67.5	62.6	72.5	64.7	59.2	70.2
\$35,000-49,999	821	62.7	57.8	67.7	61.5	56.2	66.7
\$50,000-74,999	843	68.3	63.7	72.8	67.2	62.5	72.0
≥\$75,000	1,021	69.8	65.7	73.9	69.6	65.5	73.8

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 - 2011

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	6,307	12.8	11.4	14.1	13.3	11.9	14.7
REGION							
Central	708	10.2	7.1	13.3	9.9	6.9	12.8
Kansas City Metro	1,199	15.5	12.6	18.3	15.8	12.7	18.9
Northeast	611	15.4	10.3	20.4	17.1	11.6	22.6
Northwest	647	12.3	8.6	16.0	12.3	8.7	15.9
Southeast	715	9.9	7.0	12.9	10.9	7.4	14.5
Southwest	800	9.6	7.0	12.3	10.5	7.6	13.4
St. Louis Metro	1,627	13.8	11.1	16.6	14.6	11.6	17.5
GENDER							
Female	3,859	11.7	10.1	13.4	12.2	10.5	14.0
Male	2,448	13.9	11.8	15.9	14.4	12.2	16.6
RACE							
African-American	552	11.0	7.2	14.8	11.2	7.4	15.0
Other	384	19.0	11.9	26.1	18.3	12.4	24.1
White	5,328	12.5	11.1	13.9	13.2	11.6	14.7
EDUCATION							
< High School	665	12.5	8.2	16.8	14.0	9.2	18.7
High School	2,225	12.3	10.1	14.5	13.4	10.9	15.8
>High School	3,401	13.1	11.4	14.9	13.3	11.5	15.2
INCOME							
<\$15,000	781	13.5	9.2	17.9	13.4	9.0	17.8
\$15,000-24,999	1,134	10.4	7.9	12.9	11.3	8.3	14.2
\$25,000-34,999	702	12.1	8.6	15.5	14.1	9.8	18.3
\$35,000-49,999	821	15.9	11.7	20.1	16.4	11.8	20.9
\$50,000-74,999	843	11.1	8.0	14.2	11.0	7.8	14.2
≥\$75,000	1,021	15.5	12.1	18.9	16.1	12.5	19.7

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 a specific injury, illness or condition."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

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	6,307	7.7	6.7	8.6	7.9	7.0	8.9
REGION							
Central	708	9.0	6.0	11.9	9.2	6.2	12.2
Kansas City Metro	1,199	7.0	5.1	9.0	7.1	5.1	9.1
Northeast	611	9.3	5.2	13.4	9.5	5.2	13.8
Northwest	647	13.3	8.6	18.0	13.1	8.7	17.5
Southeast	715	7.7	5.1	10.2	8.2	5.3	11.0
Southwest	800	7.6	5.4	9.7	8.0	5.6	10.3
St. Louis Metro	1,627	6.9	5.2	8.5	7.1	5.3	8.9
GENDER							
Female	3,859	6.1	5.0	7.2	6.4	5.2	7.6
Male	2,448	9.3	7.8	10.9	9.5	7.9	11.1
RACE							
African-American	552	4.3	2.2	6.4	4.0	2.0	6.1
Other	384	6.7	2.9	10.6	6.1	2.9	9.2
White	5,328	8.2	7.2	9.2	8.7	7.6	9.9
EDUCATION							
< High School	665	6.3	3.5	9.1	7.0	3.9	10.0
High School	2,225	7.8	6.2	9.4	8.2	6.4	10.0
>High School	3,401	8.0	6.7	9.2	8.1	6.8	9.4
INCOME							
<\$15,000	781	9.2	5.9	12.5	9.1	5.9	12.3
\$15,000-24,999	1,134	7.5	5.4	9.6	8.1	5.7	10.4
\$25,000-34,999	702	7.0	4.3	9.7	7.1	4.3	9.9
\$35,000-49,999	821	8.9	6.1	11.7	9.7	6.5	12.9
\$50,000-74,999	843	9.2	6.6	11.8	10.8	7.5	14.0
≥\$75,000	1,021	6.5	4.7	8.4	6.0	4.2	7.7

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."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

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)

		Prevalence			Age-adjusted Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	6,307	11.5	10.3	12.7	11.8	10.6	13.1
REGION							
Central	708	15.2	11.2	19.2	15.4	11.2	19.7
Kansas City Metro	1,199	9.4	7.1	11.7	9.4	7.1	11.6
Northeast	611	7.5	5.1	10.0	7.5	4.8	10.2
Northwest	647	14.3	9.9	18.7	14.4	9.8	19.0
Southeast	715	13.2	9.6	16.7	13.8	10.0	17.6
Southwest	800	18.3	14.3	22.3	19.6	15.6	23.7
St. Louis Metro	1,627	8.4	6.6	10.3	8.5	6.6	10.4
GENDER							
Female	3,859	8.7	7.4	10.0	9.0	7.6	10.4
Male	2,448	14.6	12.6	16.6	14.6	12.6	16.6
RACE							
African-American	552	5.8	2.9	8.7	5.8	2.9	8.6
Other	384	12.5	6.1	19.0	9.0	5.6	12.5
White	5,328	12.1	10.9	13.4	12.8	11.4	14.2
EDUCATION							
< High School	665	16.5	12.2	20.7	17.0	12.8	21.2
High School	2,225	11.9	10.0	13.9	13.0	10.8	15.3
>High School	3,401	10.0	8.5	11.5	10.0	8.5	11.6
INCOME							
<\$15,000	781	14.9	11.1	18.7	14.9	11.1	18.6
\$15,000-24,999	1,134	19.6	16.1	23.1	21.2	17.2	25.2
\$25,000-34,999	702	12.4	8.8	15.9	13.1	9.3	16.9
\$35,000-49,999	821	9.5	6.7	12.3	9.6	6.8	12.5
\$50,000-74,999	843	8.0	5.3	10.7	7.8	5.2	10.4
≥\$75,000	1,021	7.0	4.6	9.3	6.5	4.0	9.1

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 - 2011

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	6,307	2.4	1.7	3.1	2.5	1.7	3.2
REGION							
Central	708	2.3	1.0	3.6	2.4	0.9	3.8
Kansas City Metro	1,199	2.6	1.0	4.2	2.6	0.9	4.3
Northeast	611	2.9	0.8	5.1	3.4	0.7	6.0
Northwest	647	3.0	0.9	5.2	3.2	0.8	5.7
Southeast	715	2.3	1.0	3.5	2.1	0.9	3.4
Southwest	800	3.8	1.1	6.5	3.9	1.5	6.3
St. Louis Metro	1,627	1.6	0.6	2.6	1.6	0.6	2.7
GENDER							
Female	3,859	2.1	1.1	3.1	2.2	1.2	3.2
Male	2,448	2.7	1.8	3.7	2.7	1.8	3.7
RACE							
African-American	552	0.8	0.0	1.6	0.8	0.0	1.9
Other	384	6.5	1.4	11.6	5.3	1.4	9.1
White	5,328	2.3	1.6	3.0	2.4	1.6	3.1
EDUCATION							
< High School	665	3.9	1.0	6.9	4.1	1.3	6.9
High School	2,225	2.7	1.7	3.8	3.0	1.8	4.1
>High School	3,401	1.8	1.0	2.5	1.9	1.0	2.8
INCOME							
<\$15,000	781	1.1	0.4	1.8	1.1	0.4	1.8
\$15,000-24,999	1,134	2.3	1.0	3.7	2.6	1.1	4.2
\$25,000-34,999	702	1.1	0.1	2.1	1.1	0.1	2.0
\$35,000-49,999	821	3.0	1.5	4.5	2.9	1.4	4.3
\$50,000-74,999	843	3.5	1.1	5.9	3.2	1.0	5.3
≥\$75,000	1,021	1.2	0.0	2.5	1.8	0.0	3.6

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 - 2011
Health Risks and Preventive Practices
Chapter 5 Exercise and Physical Activity

Table 5.1 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	6,134	28.4	26.8	30.0	28.0	26.3	29.7
REGION							
Central	702	29.4	24.8	33.9	29.8	24.9	34.7
Kansas City Metro	1,164	29.7	26.2	33.2	29.2	25.5	32.9
Northeast	601	32.9	27.4	38.4	30.7	25.1	36.2
Northwest	630	32.1	26.7	37.5	32.0	26.5	37.6
Southeast	694	35.7	31.2	40.2	34.7	30.0	39.5
Southwest	774	25.6	21.5	29.7	25.1	21.0	29.3
St. Louis Metro	1,569	25.7	22.7	28.7	25.3	22.2	28.3
GENDER							
Female	3,752	28.7	26.7	30.7	27.8	25.7	29.9
Male	2,382	28.1	25.6	30.7	28.1	25.5	30.7
RACE							
African-American	533	34.0	28.4	39.6	35.0	29.4	40.6
Other	375	35.8	27.2	44.4	36.8	29.5	44.1
White	5,191	27.1	25.5	28.8	26.3	24.5	28.0
EDUCATION							
< High School	640	41.7	36.0	47.5	42.9	36.6	49.1
High School	2,153	33.5	30.8	36.3	32.3	29.4	35.2
>High School	3,328	21.9	20.0	23.9	21.9	19.9	23.9
INCOME							
<\$15,000	756	38.1	32.7	43.5	40.2	34.8	45.6
\$15,000-24,999	1,106	37.7	33.7	41.6	36.9	32.5	41.3
\$25,000-34,999	684	27.7	23.1	32.3	26.4	21.3	31.5
\$35,000-49,999	796	30.0	25.3	34.6	30.2	25.2	35.3
\$50,000-74,999	828	24.8	20.5	29.0	23.4	19.1	27.7
≥\$75,000	1,001	17.6	14.4	20.7	18.8	15.2	22.4

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 - 2011

Chapter 5 Exercise and Physical Activity

Table 5.2.1 Used walking as the primary source of physical activity among those who participated in any physical activities or exercises in past month

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	4,185	56.4	54.3	58.6	56.4	54.2	58.5
REGION							
Central	490	57.7	52.0	63.5	57.7	51.9	63.5
Kansas City Metro	793	54.0	49.6	58.5	53.9	49.7	58.0
Northeast	382	61.4	54.0	68.8	60.8	53.1	68.5
Northwest	406	53.4	45.8	61.1	55.3	48.2	62.5
Southeast	429	59.3	53.4	65.1	58.1	52.2	63.9
Southwest	565	58.5	53.3	63.8	57.9	52.6	63.1
St. Louis Metro	1,120	55.6	51.4	59.7	55.4	51.3	59.6
GENDER							
Female	2,546	64.1	61.4	66.8	63.9	61.1	66.7
Male	1,639	48.2	44.9	51.5	48.8	45.6	52.0
RACE							
African-American	319	57.9	50.1	65.8	59.2	51.3	67.1
Other	248	44.4	34.9	54.0	50.6	42.1	59.1
White	3,596	57.1	54.8	59.4	56.7	54.3	59.0
EDUCATION							
< High School	344	69.1	61.7	76.5	71.6	64.5	78.7
High School	1,319	58.5	54.6	62.3	58.2	54.3	62.0
High School +	2,513	53.0	50.3	55.7	52.8	50.0	55.6
INCOME							
<\$15,000	438	64.8	57.8	71.9	67.1	60.6	73.6
\$15,000-24,999	660	60.3	55.0	65.5	61.5	56.2	66.7
\$25,000-34,999	465	58.5	52.1	64.9	58.0	51.3	64.6
\$35,000-49,999	541	58.7	52.8	64.6	58.3	52.1	64.6
\$50,000-74,999	625	55.4	50.2	60.6	53.9	48.6	59.2
\$75,000+	806	48.4	43.7	53.0	48.8	43.8	53.7

Definition: "Yes" 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?" AND "Walking" response to "What type of physical activity or exercise did you spend the most time doing during the past month?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 5 Exercise and Physical Activity

Table 5.2.2 Used aerobics or running as the primary source of physical activity among those who participated in any physical activities or exercises in past month

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	4,185	20.6	18.8	22.4	20.8	19.0	22.6
REGION							
Central	490	18.9	14.1	23.8	19.1	14.2	24.1
Kansas City Metro	793	20.2	16.4	24.0	20.5	16.8	24.1
Northeast	382	17.5	10.9	24.1	18.2	11.3	25.2
Northwest	406	22.8	16.0	29.5	21.7	15.4	28.0
Southeast	429	18.8	13.9	23.8	19.2	14.2	24.1
Southwest	565	19.6	15.4	23.8	19.5	15.2	23.7
St. Louis Metro	1,120	22.3	18.8	25.9	22.5	19.0	26.1
GENDER							
Female	2,546	17.5	15.3	19.7	17.7	15.5	19.9
Male	1,639	24.0	21.0	26.9	23.8	21.0	26.6
RACE							
African-American	319	23.5	16.9	30.0	21.5	15.5	27.6
Other	248	34.9	25.3	44.5	28.6	20.8	36.4
White	3,596	19.3	17.4	21.2	19.8	17.9	21.8
EDUCATION							
< High School	344	14.7	8.8	20.7	12.2	7.1	17.2
High School	1,319	18.1	14.7	21.6	18.2	15.0	21.3
High School +	2,513	23.1	20.8	25.4	23.1	20.8	25.4
INCOME							
<\$15,000	438	14.0	9.1	18.9	12.0	7.6	16.5
\$15,000-24,999	660	17.5	13.2	21.7	16.9	13.0	20.9
\$25,000-34,999	465	20.7	14.8	26.6	20.6	15.2	26.1
\$35,000-49,999	541	19.6	15.0	24.2	20.0	15.1	25.0
\$50,000-74,999	625	22.4	18.1	26.6	24.0	19.5	28.6
\$75,000+	806	24.9	20.7	29.1	23.4	19.2	27.7

Definition: "Yes" 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?" AND "Aerobics or running" response to the question "What type of physical activity or exercise did you spend the most time doing during the past month?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 5 Exercise and Physical Activity

Table 5.2.3 Used other type of activity as the primary source of physical activity among those who participated in any physical activities or exercises in past month
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	4,185	23.0	21.2	24.8	22.9	21.1	24.7
REGION							
Central	490	23.3	18.5	28.2	23.1	18.4	27.9
Kansas City Metro	793	25.8	21.9	29.7	25.7	21.9	29.5
Northeast	382	21.1	15.6	26.7	21.0	15.2	26.7
Northwest	406	23.8	17.5	30.0	23.0	17.4	28.6
Southeast	429	21.9	17.4	26.5	22.8	17.9	27.6
Southwest	565	21.8	17.6	26.1	22.7	18.3	27.1
St. Louis Metro	1,120	22.1	18.6	25.6	22.0	18.5	25.5
GENDER							
Female	2,546	18.4	16.3	20.5	18.4	16.2	20.6
Male	1,639	27.8	24.9	30.8	27.5	24.6	30.3
RACE							
African-American	319	18.6	12.2	25.0	19.3	12.7	25.8
Other	248	20.7	13.7	27.7	20.8	14.4	27.2
White	3,596	23.6	21.7	25.6	23.5	21.5	25.5
EDUCATION							
< High School	344	16.2	10.6	21.7	16.3	10.8	21.8
High School	1,319	23.4	20.2	26.6	23.7	20.3	27.0
High School +	2,513	24.0	21.6	26.3	24.1	21.7	26.5
INCOME							
<\$15,000	438	21.2	15.0	27.4	20.9	15.4	26.4
\$15,000-24,999	660	22.3	18.0	26.6	21.6	17.2	26.0
\$25,000-34,999	465	20.8	15.9	25.7	21.4	15.9	26.9
\$35,000-49,999	541	21.8	16.9	26.6	21.6	16.6	26.6
\$50,000-74,999	625	22.2	17.9	26.6	22.1	17.5	26.6
\$75,000+	806	26.7	22.5	30.9	27.8	23.2	32.4

Definition: "Yes" 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?" AND "Other types of activities" response to "What type of physical activity or exercise did you spend the most time doing during the past month?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 5 Exercise and Physical Activity

Table 5.3 Participated in 150 minutes or more of aerobic physical activity per week among adults

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	5,664	49.5	47.7	51.4	49.6	47.7	51.6
REGION							
Central	647	49.8	44.7	54.9	49.3	44.1	54.6
Kansas City Metro	1,092	48.6	44.8	52.5	48.5	44.5	52.6
Northeast	549	47.6	41.3	53.9	49.6	43.0	56.3
Northwest	591	45.0	38.7	51.4	45.3	38.8	51.8
Southeast	635	43.6	38.7	48.5	44.0	38.7	49.2
Southwest	711	56.1	51.3	61.0	56.7	51.8	61.6
St. Louis Metro	1,439	49.4	45.8	53.1	49.6	45.7	53.5
GENDER							
Female	3,472	49.9	47.5	52.3	50.4	47.8	53.0
Male	2,192	49.1	46.2	52.0	49.0	46.0	52.0
RACE							
African-American	490	43.5	37.0	50.1	42.6	36.2	49.0
Other	342	41.8	33.3	50.3	42.6	35.5	49.7
White	4,805	50.8	48.8	52.8	51.2	49.0	53.4
EDUCATION							
< High School	589	39.9	33.8	45.9	39.6	33.0	46.2
High School	1,983	44.7	41.6	47.9	44.3	40.9	47.8
High School +	3,084	54.9	52.5	57.4	55.3	52.7	57.8
INCOME							
<\$15,000	683	40.9	35.4	46.5	39.0	33.7	44.3
\$15,000-24,999	1,033	45.8	41.5	50.0	45.5	41.0	50.0
\$25,000-34,999	632	51.2	45.7	56.8	51.0	44.6	57.4
\$35,000-49,999	749	48.6	43.3	53.8	48.2	42.6	53.7
\$50,000-74,999	777	49.1	44.3	54.0	50.1	44.9	55.4
\$75,000+	938	56.7	52.4	61.0	56.4	51.8	61.1

Definition: Calculated from "Yes" 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?" AND "What type of physical activity or exercise did you spend the most time doing during the past month?" AND "How many times per week or per month did you take part in this activity during the past month?" AND "And when you took part in this activity, for how many minutes or hours did you usually keep at it?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 5 Exercise and Physical Activity

Table 5.4 Participated in muscle strengthening exercises twice or more per week among adults

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	6,070	24.7	23.1	26.2	25.2	23.5	26.8
REGION							
Central	693	21.9	17.9	25.8	21.9	17.8	26.0
Kansas City Metro	1,156	24.8	21.5	28.1	25.1	21.7	28.6
Northeast	593	23.8	17.9	29.8	25.0	18.7	31.3
Northwest	625	27.5	21.7	33.4	27.2	21.6	32.8
Southeast	685	22.6	18.5	26.7	23.7	19.2	28.2
Southwest	765	24.7	20.5	28.8	25.2	21.1	29.4
St. Louis Metro	1,553	25.8	22.8	28.8	26.2	23.0	29.5
GENDER							
Female	3,714	21.7	19.8	23.7	22.4	20.3	24.6
Male	2,356	27.8	25.3	30.3	28.0	25.6	30.5
RACE							
African-American	526	28.1	22.3	34.0	27.0	21.5	32.4
Other	372	24.7	17.4	32.1	22.7	17.0	28.4
White	5,137	24.2	22.6	25.8	25.0	23.2	26.8
EDUCATION							
< High School	634	18.9	14.1	23.7	17.2	13.0	21.4
High School	2,127	19.9	17.4	22.4	21.4	18.6	24.2
High School +	3,299	29.0	26.9	31.2	29.3	27.0	31.6
INCOME							
<\$15,000	742	20.6	15.9	25.3	19.4	15.2	23.6
\$15,000-24,999	1,095	21.5	17.9	25.0	22.0	18.2	25.8
\$25,000-34,999	676	22.7	17.9	27.6	23.6	18.3	29.0
\$35,000-49,999	795	20.3	16.7	24.0	21.3	17.2	25.3
\$50,000-74,999	825	26.2	22.1	30.3	28.3	24.0	32.7
\$75,000+	993	33.1	29.1	37.0	33.4	29.1	37.7

Definition: Calculated from "Yes" 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?" AND "What other type of physical activity gave you the next most exercise during the past month?" AND "How many times per week or per month did you take part in this activity during the past month?" AND "And when you took part in this activity, for how many minutes or hours did you usually keep at it?" AND "During the past month, how many times per week or per month did you do physical activities or exercises to STRENGTHEN your muscles? Do NOT count aerobic activities like walking, running, or bicycling. Count activities using your own body weight like yoga, sit-ups or push-ups and those using weight machines, free weights, or elastic bands."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 5 Exercise and Physical Activity

Table 5.5 Met both aerobic activity and muscle strengthening recommendations among adults

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	5,617	17.3	15.9	18.7	17.8	16.2	19.3
REGION							
Central	640	15.2	11.7	18.6	15.4	11.8	19.1
Kansas City Metro	1,084	17.5	14.7	20.3	17.6	14.7	20.6
Northeast	546	17.6	11.6	23.7	19.2	12.7	25.7
Northwest	587	16.0	11.0	20.9	15.8	10.9	20.6
Southeast	629	13.5	10.0	17.0	14.3	10.4	18.2
Southwest	703	21.6	17.3	25.9	21.8	17.6	26.0
St. Louis Metro	1,428	17.2	14.5	19.9	17.7	14.8	20.6
GENDER							
Female	3,444	16.2	14.3	18.1	16.9	14.8	19.0
Male	2,173	18.5	16.3	20.7	18.7	16.5	20.9
RACE							
African-American	485	16.7	11.6	21.9	16.2	11.2	21.2
Other	340	17.5	10.3	24.8	16.0	10.4	21.6
White	4,765	17.3	15.8	18.8	18.0	16.3	19.6
EDUCATION							
< High School	583	12.1	8.0	16.3	11.4	7.4	15.3
High School	1,966	13.8	11.5	16.1	14.6	12.0	17.3
High School +	3,061	20.8	18.8	22.8	21.2	19.1	23.3
INCOME							
<\$15,000	674	13.5	9.7	17.3	12.9	9.1	16.6
\$15,000-24,999	1,024	16.1	12.8	19.5	16.9	13.3	20.5
\$25,000-34,999	626	18.1	13.2	22.9	18.9	13.3	24.5
\$35,000-49,999	748	14.7	11.5	17.9	15.1	11.6	18.7
\$50,000-74,999	774	16.2	12.6	19.7	17.6	13.3	21.9
\$75,000+	932	22.5	18.9	26.1	22.7	18.7	26.6

Definition: Calculated from "Yes" 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?" AND "What other type of physical activity gave you the next most exercise during the past month?" AND "How many times per week or per month did you take part in this activity during the past month?" AND "And when you took part in this activity, for how many minutes or hours did you usually keep at it?" AND "During the past month, how many times per week or per month did you do physical activities or exercises to STRENGTHEN your muscles? Do NOT count aerobic activities like walking, running, or bicycling. Count activities using your own body weight like yoga, sit-ups or push-ups and those using weight machines, free weights, or elastic bands."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.1 Neighborhood has any sidewalks

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	5,825	56.4	54.7	58.2	57.2	55.3	59.0
REGION							
Central	683	37.3	32.4	42.2	38.4	33.1	43.6
Kansas City Metro	1,070	69.2	65.8	72.7	70.1	66.5	73.8
Northeast	579	41.4	35.2	47.5	41.8	35.4	48.1
Northwest	610	51.3	45.4	57.2	51.6	45.9	57.3
Southeast	670	31.6	27.0	36.3	30.9	26.3	35.5
Southwest	732	42.3	37.4	47.2	42.5	37.7	47.3
St. Louis Metro	1,481	71.1	67.8	74.4	71.5	67.9	75.0
GENDER							
Female	3,578	53.7	51.3	56.0	54.5	51.9	57.0
Male	2,247	59.4	56.7	62.1	59.9	57.2	62.7
RACE							
African-American	497	82.7	77.6	87.7	82.1	76.6	87.7
Other	339	68.2	60.8	75.6	65.6	58.9	72.3
White	4,957	52.4	50.5	54.3	53.4	51.3	55.5
EDUCATION							
< High School	605	50.9	44.8	57.0	50.0	43.4	56.6
High School	2,056	50.2	47.3	53.2	51.1	47.8	54.4
>High School	3,152	61.6	59.3	63.9	61.8	59.4	64.3
INCOME							
<\$15,000	708	58.1	52.3	63.9	55.5	49.9	61.2
\$15,000-24,999	1,055	53.4	49.2	57.6	54.0	49.2	58.8
\$25,000-34,999	643	52.1	46.6	57.5	54.1	47.9	60.4
\$35,000-49,999	766	51.8	46.6	56.9	52.9	47.5	58.4
\$50,000-74,999	791	57.7	53.0	62.4	59.8	55.2	64.4
≥\$75,000	945	62.6	58.6	66.6	62.8	58.5	67.1

Definition: "Yes" response to the question "Does your neighborhood have any sidewalks?" Note: Neighborhood is defined as the area within one-half mile or a ten-minute walk from your house.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.2.1 Very good or good street lighting for walking at night in neighborhood

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	5,725	40.6	38.8	42.5	40.5	38.5	42.4
REGION							
Central	669	26.8	22.5	31.0	26.5	22.1	30.9
Kansas City Metro	1,051	51.2	47.2	55.2	51.1	46.8	55.5
Northeast	567	27.2	21.5	32.8	25.9	20.3	31.5
Northwest	601	38.0	32.1	43.9	38.6	32.6	44.7
Southeast	652	22.4	18.6	26.3	21.4	17.5	25.4
Southwest	725	36.1	31.2	41.0	35.6	30.8	40.4
St. Louis Metro	1,460	48.3	44.7	51.9	47.9	44.0	51.7
GENDER							
Female	3,499	39.4	37.0	41.7	39.1	36.6	41.7
Male	2,226	42.0	39.1	44.9	41.8	38.9	44.8
RACE							
African-American	488	54.3	47.8	60.8	54.0	47.4	60.5
Other	329	42.0	32.6	51.4	42.4	34.3	50.5
White	4,875	38.9	36.9	40.8	38.7	36.6	40.9
EDUCATION							
< High School	585	40.0	33.7	46.3	39.3	32.5	46.0
High School	2,020	38.4	35.4	41.4	37.8	34.5	41.1
>High School	3,109	42.2	39.7	44.6	42.0	39.5	44.6
INCOME							
<\$15,000	691	42.0	36.1	47.9	40.5	34.6	46.5
\$15,000-24,999	1,039	40.2	36.0	44.4	39.0	34.2	43.9
\$25,000-34,999	634	35.8	30.4	41.1	35.7	29.5	41.9
\$35,000-49,999	759	38.6	33.3	43.8	38.9	33.2	44.5
\$50,000-74,999	784	42.4	37.6	47.2	43.0	37.8	48.1
≥\$75,000	935	42.9	38.6	47.2	41.3	36.6	46.0

Definition: "Very good or good" response to the question "For walking at night, would you describe the street lighting in your neighborhood as: Very good, Good, Fair, or Poor."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.2.2 Fair or poor street lighting for walking at night in neighborhood

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	5,725	59.4	57.5	61.2	59.5	57.6	61.5
REGION							
Central	669	73.2	69.0	77.5	73.5	69.1	77.9
Kansas City Metro	1,051	48.8	44.8	52.8	48.9	44.5	53.2
Northeast	567	72.9	67.2	78.5	74.1	68.5	79.7
Northwest	601	62.0	56.1	67.9	61.4	55.3	67.4
Southeast	652	77.6	73.8	81.4	78.6	74.6	82.6
Southwest	725	63.9	59.0	68.8	64.4	59.6	69.2
St. Louis Metro	1,460	51.7	48.1	55.4	52.2	48.3	56.0
GENDER							
Female	3,499	60.6	58.3	63.0	60.9	58.4	63.5
Male	2,226	58.0	55.2	60.9	58.2	55.2	61.2
RACE							
African-American	488	45.7	39.3	52.2	46.0	39.5	52.6
Other	329	58.0	48.6	67.4	57.6	49.5	65.7
White	4,875	61.1	59.2	63.1	61.3	59.2	63.4
EDUCATION							
< High School	585	60.0	53.7	66.3	60.7	54.0	67.5
High School	2,020	61.7	58.7	64.7	62.2	58.9	65.5
>High School	3,109	57.8	55.4	60.3	58.0	55.4	60.5
INCOME							
<\$15,000	691	58.0	52.1	63.9	59.5	53.5	65.4
\$15,000-24,999	1,039	59.8	55.6	64.0	61.0	56.1	65.8
\$25,000-34,999	634	64.2	58.9	69.6	64.4	58.2	70.5
\$35,000-49,999	759	61.5	56.2	66.7	61.2	55.5	66.8
\$50,000-74,999	784	57.6	52.8	62.4	57.1	51.9	62.2
≥\$75,000	935	57.2	52.9	61.4	58.7	54.1	63.4

Definition: "Fair or poor" response to the question "For walking at night, would you describe the street lighting in your neighborhood as: Very good, Good, Fair, or Poor."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.3 Roads and streets in neighborhood have shoulders or marked lanes for bicycling

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	5,736	23.5	21.9	25.2	23.8	22.0	25.6
REGION							
Central	677	16.6	12.9	20.3	16.8	13.0	20.6
Kansas City Metro	1,051	20.8	17.4	24.3	21.5	17.6	25.4
Northeast	572	18.4	12.5	24.2	17.9	12.4	23.5
Northwest	601	14.4	10.1	18.6	13.8	9.6	18.0
Southeast	656	13.0	9.4	16.6	12.9	9.1	16.6
Southwest	725	14.0	11.0	17.0	13.6	10.6	16.7
St. Louis Metro	1,454	36.0	32.4	39.5	37.0	33.4	40.6
GENDER							
Female	3,502	23.1	20.9	25.3	23.7	21.3	26.1
Male	2,234	24.0	21.4	26.5	23.9	21.3	26.5
RACE							
African-American	482	40.4	33.9	47.0	40.5	34.0	46.9
Other	330	21.8	14.3	29.4	22.1	15.3	28.9
White	4,891	21.5	19.8	23.3	22.0	20.1	23.8
EDUCATION							
< High School	588	25.4	19.5	31.4	26.1	19.5	32.7
High School	2,025	19.7	17.2	22.1	20.1	17.3	22.8
>High School	3,112	25.3	23.1	27.6	25.9	23.5	28.2
INCOME							
<\$15,000	688	29.4	23.4	35.4	28.1	22.6	33.6
\$15,000-24,999	1,034	21.3	17.6	24.9	22.3	18.0	26.6
\$25,000-34,999	632	18.7	14.5	22.9	18.6	14.0	23.1
\$35,000-49,999	759	21.5	16.7	26.2	22.7	17.5	27.9
\$50,000-74,999	787	19.4	15.3	23.5	20.1	15.5	24.7
≥\$75,000	941	25.3	21.4	29.2	24.9	20.7	29.1

Definition: "Yes" response to the question "Do the roads and streets in your community have shoulders or marked lanes for bicycling?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.4.1 Did not walk in neighborhood 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	5,773	47.3	45.5	49.2	46.4	44.5	48.4
REGION							
Central	679	52.0	47.0	56.9	51.7	46.5	57.0
Kansas City Metro	1,057	51.3	47.3	55.2	51.1	46.7	55.4
Northeast	575	49.5	43.5	55.6	47.7	41.3	54.0
Northwest	608	51.8	45.8	57.8	51.2	45.0	57.4
Southeast	659	52.5	47.6	57.5	51.7	46.5	56.8
Southwest	722	41.7	37.2	46.2	40.7	36.2	45.2
St. Louis Metro	1,473	43.7	40.1	47.3	42.8	39.0	46.7
GENDER							
Female	3,537	47.9	45.6	50.3	45.9	43.4	48.5
Male	2,236	46.6	43.8	49.5	46.7	43.7	49.6
RACE							
African-American	494	53.2	46.7	59.6	53.3	47.0	59.7
Other	336	50.6	41.5	59.7	50.7	42.6	58.7
White	4,910	46.3	44.3	48.2	44.9	42.7	47.0
EDUCATION							
< High School	591	53.9	47.7	60.0	53.5	46.8	60.2
High School	2,039	52.8	49.7	55.8	50.9	47.6	54.3
>High School	3,131	42.3	39.9	44.8	42.5	39.9	45.1
INCOME							
<\$15,000	704	44.7	38.9	50.5	46.1	40.3	51.9
\$15,000-24,999	1,038	48.7	44.4	52.9	45.7	40.9	50.4
\$25,000-34,999	641	51.4	45.9	56.9	50.5	44.0	56.9
\$35,000-49,999	763	54.7	49.5	59.9	53.8	48.3	59.4
\$50,000-74,999	786	46.6	41.7	51.4	46.2	41.2	51.3
≥\$75,000	942	42.3	38.1	46.6	42.0	37.4	46.6

Definition: "0" response to the question "During the past 30 days, for about how many days did you walk in your neighborhood for leisure or as a way to get to your destination?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 6 Perceived Physical Activity Environment

Table 6.4.2 Walked in neighborhood 1 to 14 days 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	5,773	33.9	32.1	35.7	34.6	32.7	36.5
REGION							
Central	679	31.4	26.8	35.9	32.4	27.5	37.2
Kansas City Metro	1,057	32.4	28.7	36.1	32.8	28.7	36.9
Northeast	575	33.5	27.3	39.6	35.2	29.0	41.4
Northwest	608	31.4	25.7	37.0	31.9	26.1	37.7
Southeast	659	27.9	23.3	32.4	29.7	24.8	34.7
Southwest	722	36.8	32.1	41.4	37.5	32.6	42.4
St. Louis Metro	1,473	36.4	32.9	39.9	36.8	33.0	40.6
GENDER							
Female	3,537	34.8	32.4	37.1	36.2	33.7	38.8
Male	2,236	33.0	30.3	35.7	33.0	30.2	35.9
RACE							
African-American	494	25.9	20.6	31.2	26.5	21.1	31.9
Other	336	34.1	25.8	42.4	33.8	26.4	41.2
White	4,910	35.0	33.0	36.9	36.0	33.9	38.2
EDUCATION							
< High School	591	26.1	20.4	31.7	25.8	19.9	31.6
High School	2,039	28.1	25.3	30.9	29.8	26.6	33.0
>High School	3,131	39.4	37.0	41.8	39.4	36.9	42.0
INCOME							
<\$15,000	704	32.5	26.7	38.3	31.7	26.3	37.0
\$15,000-24,999	1,038	28.7	24.9	32.6	29.7	25.4	34.1
\$25,000-34,999	641	29.5	24.6	34.4	29.8	24.4	35.3
\$35,000-49,999	763	29.9	25.1	34.7	30.8	25.4	36.2
\$50,000-74,999	786	38.7	34.0	43.3	39.2	34.2	44.1
≥\$75,000	942	39.5	35.3	43.8	40.0	35.2	44.8

Definition: "1 to 14 days" response to the question "During the past 30 days, for about how many days did you walk in your neighborhood for leisure or as a way to get to your destination?"

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Table 6.4.3 Walked in neighborhood 14 or more days 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	5,773	19.1	17.6	20.5	19.3	17.7	20.9
REGION							
Central	679	16.9	13.4	20.3	16.2	12.7	19.6
Kansas City Metro	1,057	16.6	13.7	19.5	16.4	13.3	19.5
Northeast	575	18.4	13.8	23.0	19.0	13.7	24.2
Northwest	608	16.9	12.4	21.3	16.9	12.4	21.5
Southeast	659	20.1	15.8	24.3	19.0	14.8	23.2
Southwest	722	21.7	17.3	26.0	21.9	17.4	26.4
St. Louis Metro	1,473	20.2	17.4	23.0	20.6	17.6	23.7
GENDER							
Female	3,537	17.6	15.8	19.4	18.1	16.1	20.2
Male	2,236	20.7	18.4	23.0	20.6	18.2	23.0
RACE							
African-American	494	21.0	15.7	26.3	20.2	14.6	25.7
Other	336	16.1	9.1	23.0	16.2	10.4	21.9
White	4,910	19.0	17.5	20.6	19.4	17.7	21.1
EDUCATION							
< High School	591	20.4	15.6	25.3	21.1	15.8	26.5
High School	2,039	19.3	16.8	21.8	19.5	16.7	22.3
>High School	3,131	18.6	16.7	20.5	18.4	16.4	20.4
INCOME							
<\$15,000	704	23.0	18.2	27.8	22.6	17.3	28.0
\$15,000-24,999	1,038	22.9	19.1	26.7	25.1	20.6	29.6
\$25,000-34,999	641	19.1	14.7	23.6	19.7	14.2	25.2
\$35,000-49,999	763	15.5	11.9	19.1	15.4	11.5	19.3
\$50,000-74,999	786	14.9	11.7	18.1	14.8	11.6	17.9
≥\$75,000	942	18.7	15.4	22.1	18.6	14.8	22.4

Definition: "14 or more days" response to the question "During the past 30 days, for about how many days did you walk in your neighborhood for leisure or as a way to get to your destination?"

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Table 6.5.1 Did not walk in neighborhood more frequently due to weather

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	886	23.3	19.1	27.4	23.4	19.4	27.5
REGION							
Central	105	26.7	15.9	37.4	25.9	15.7	36.2
Kansas City Metro	161	25.7	16.3	35.1	25.1	16.5	33.8
Northeast	78	21.6	10.9	32.2	22.1	12.6	31.7
Northwest	85	17.1	7.1	27.1	17.1	9.0	25.2
Southeast	77	13.4	5.1	21.6	14.3	6.5	22.1
Southwest	131	32.1	19.6	44.6	31.6	22.6	40.6
St. Louis Metro	249	19.7	12.9	26.6	19.4	12.6	26.2
GENDER							
Female	525	29.7	24.0	35.5	30.5	25.0	36.1
Male	361	16.4	10.3	22.4	15.5	10.1	20.9
RACE							
African-American	76	15.1	4.1	26.0	16.7	7.1	26.3
Other	54	26.0	5.0	47.0	22.5	10.6	34.4
White	755	23.7	19.3	28.2	23.9	19.4	28.4
EDUCATION							
< High School	71	12.0	3.1	21.0	13.3	4.6	22.0
High School	255	24.0	15.4	32.6	24.2	16.4	31.9
>High School	558	25.0	19.8	30.2	24.7	19.6	29.9
INCOME							
<\$15,000	103	19.8	3.4	36.2	17.1	6.2	27.9
\$15,000-24,999	133	22.6	13.1	32.1	24.6	15.0	34.2
\$25,000-34,999	85	18.5	7.6	29.3	20.5	8.3	32.7
\$35,000-49,999	110	14.5	7.4	21.6	15.8	8.6	23.1
\$50,000-74,999	153	25.0	14.8	35.2	21.7	13.5	29.8
≥\$75,000	175	27.3	18.2	36.4	26.7	17.9	35.5

Definition: "Weather" response to the question "What is the number one reason that you did not walk more frequently in your neighborhood?"

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Table 6.5.2 Did not walk in neighborhood more frequently due to personal reasons

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	886	34.5	29.9	39.2	34.3	29.7	38.8
REGION							
Central	105	22.7	13.3	32.1	24.1	14.0	34.1
Kansas City Metro	161	30.6	21.6	39.6	30.5	21.3	39.7
Northeast	78	31.4	16.4	46.4	32.4	18.7	46.1
Northwest	85	33.5	20.1	46.9	36.4	24.0	48.8
Southeast	77	26.2	15.2	37.3	30.4	19.9	41.0
Southwest	131	30.4	20.7	40.1	31.2	22.7	39.7
St. Louis Metro	249	44.2	34.9	53.6	43.6	33.7	53.5
GENDER							
Female	525	34.8	28.8	40.9	34.4	28.6	40.2
Male	361	34.2	27.2	41.2	34.1	27.5	40.7
RACE							
African-American	76	37.8	20.6	55.0	30.2	19.5	40.9
Other	54	25.5	8.0	43.1	33.0	19.6	46.4
White	755	35.0	30.0	40.0	34.8	29.7	39.8
EDUCATION							
< High School	71	47.4	28.5	66.3	50.6	35.4	65.9
High School	255	24.2	17.6	30.8	23.9	17.7	30.0
>High School	558	36.6	30.8	42.4	36.2	30.3	42.0
INCOME							
<\$15,000	103	32.4	18.4	46.4	42.0	29.3	54.7
\$15,000-24,999	133	31.6	20.9	42.4	30.3	20.0	40.5
\$25,000-34,999	85	25.6	13.5	37.7	20.2	10.6	29.8
\$35,000-49,999	110	45.0	30.0	60.0	41.9	29.7	54.1
\$50,000-74,999	153	39.3	28.3	50.2	38.2	27.6	48.8
≥\$75,000	175	33.1	23.1	43.2	34.2	23.7	44.7

Definition: "Lack of time, medical conditions and lack of energy or motivation" responses to the question "What is the number one reason that you did not walk more frequently in your neighborhood?"

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Table 6.5.3 Did not walk in neighborhood more frequently due to environmental reasons

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	886	13.2	10.2	16.2	12.9	10.0	15.9
REGION							
Central	105	20.1	8.2	31.9	18.4	8.7	28.1
Kansas City Metro	161	13.6	5.6	21.5	14.7	6.1	23.4
Northeast	78	8.9	1.0	16.9	10.1	0.3	19.9
Northwest	85	9.9	3.3	16.6	10.3	3.6	17.1
Southeast	77	33.3	19.0	47.6	30.0	17.9	42.1
Southwest	131	7.2	2.4	12.0	6.6	2.1	11.0
St. Louis Metro	249	10.5	6.2	14.8	10.1	5.9	14.2
GENDER							
Female	525	14.7	10.4	18.9	14.1	10.1	18.1
Male	361	11.7	7.4	15.9	11.5	7.3	15.7
RACE							
African-American	76	12.3	4.5	20.1	13.1	4.9	21.3
Other	54	20.9	4.2	37.6	16.9	6.7	27.2
White	755	12.7	9.5	15.9	12.2	9.2	15.3
EDUCATION							
< High School	71	7.4	0.0	15.1	9.1	0.0	19.4
High School	255	16.5	9.5	23.5	16.6	9.7	23.6
>High School	558	12.9	9.4	16.4	12.5	9.1	16.0
INCOME							
<\$15,000	103	16.0	6.1	26.0	14.2	6.4	22.0
\$15,000-24,999	133	13.9	6.5	21.3	13.4	6.5	20.2
\$25,000-34,999	85	14.3	3.4	25.3	18.9	8.7	29.2
\$35,000-49,999	110	14.5	5.3	23.8	15.7	6.5	25.0
\$50,000-74,999	153	7.5	3.4	11.6	6.9	3.1	10.7
≥\$75,000	175	14.6	7.1	22.2	14.0	6.7	21.3

Definition: "Nowhere to go, no sidewalks, too much traffic, safety or crime" responses to the question "What is the number one reason that you did not walk more frequently in your neighborhood?"

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Table 6.5.4 Did not walk in neighborhood more frequently due to other reasons

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	845	30.4	26.2	34.7	30.8	26.6	35.0
REGION							
Central	102	33.3	22.1	44.4	33.8	22.4	45.1
Kansas City Metro	156	31.2	22.4	40.0	30.6	21.6	39.6
Northeast	78	38.1	21.5	54.7	35.4	20.6	50.1
Northwest	80	41.2	25.4	57.0	36.9	25.2	48.7
Southeast	75	28.9	15.2	42.6	27.3	15.5	39.1
Southwest	127	31.5	21.0	42.0	31.8	22.0	41.5
St. Louis Metro	227	26.8	18.9	34.8	28.2	19.8	36.6
GENDER							
Female	492	22.4	17.6	27.3	22.6	17.8	27.5
Male	353	38.4	31.4	45.4	39.4	32.6	46.2
RACE							
African-American	64	38.8	22.1	55.5	42.6	33.1	52.2
Other	50	29.8	11.1	48.4	29.5	14.5	44.6
White	730	29.8	25.2	34.3	30.2	25.6	34.9
EDUCATION							
< High School	67	34.1	15.6	52.5	27.2	16.8	37.7
High School	238	39.2	30.8	47.7	40.3	31.8	48.8
High School +	538	26.2	21.5	31.0	27.2	22.3	32.1
INCOME							
<\$15,000	91	35.1	17.2	53.0	29.2	16.6	41.9
\$15,000-24,999	119	35.3	24.0	46.5	35.1	24.6	45.5
\$25,000-34,999	85	41.6	27.5	55.7	40.4	26.8	53.9
\$35,000-49,999	106	27.4	15.8	39.0	27.5	16.8	38.2
\$50,000-74,999	149	28.6	19.2	38.0	33.6	24.1	43.1
\$75,000+	171	25.9	17.9	33.9	26.4	18.4	34.4

Definition: "Exercise elsewhere or Other" responses to the question "What is the number one reason that you did not walk more frequently in your neighborhood?"

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Table 6.6.1 Consider neighborhood to be extremely safe

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	5,767	28.4	26.6	30.1	28.7	26.9	30.6
REGION							
Central	676	30.4	25.8	35.0	30.2	25.3	35.0
Kansas City Metro	1,056	24.9	21.3	28.5	25.6	21.9	29.3
Northeast	577	29.9	24.6	35.1	30.5	24.9	36.2
Northwest	608	34.9	29.0	40.8	35.9	29.9	42.0
Southeast	660	34.1	29.4	38.7	35.7	30.6	40.7
Southwest	725	31.4	26.6	36.2	31.8	27.2	36.5
St. Louis Metro	1,465	25.8	22.5	29.1	26.1	22.6	29.7
GENDER							
Female	3,539	28.1	25.8	30.3	28.7	26.2	31.2
Male	2,228	28.7	26.1	31.4	28.8	26.1	31.6
RACE							
African-American	485	13.5	8.5	18.6	14.4	8.8	20.0
Other	331	33.4	23.9	42.8	30.4	22.9	37.9
White	4,920	29.9	28.1	31.8	30.4	28.3	32.4
EDUCATION							
< High School	588	29.4	23.5	35.4	31.1	24.7	37.5
High School	2,034	25.0	22.3	27.8	25.0	22.0	28.1
>High School	3,134	30.1	27.8	32.4	30.4	27.9	32.8
INCOME							
<\$15,000	686	22.2	16.8	27.5	24.0	18.6	29.5
\$15,000-24,999	1,037	21.8	18.1	25.5	22.5	18.1	26.9
\$25,000-34,999	636	26.1	20.8	31.3	26.4	20.3	32.5
\$35,000-49,999	761	28.4	23.7	33.0	28.2	23.3	33.2
\$50,000-74,999	790	32.7	28.2	37.2	32.6	27.9	37.4
≥\$75,000	944	36.8	32.5	41.0	37.4	33.0	41.9

Definition: "Extremely safe" response to the question "How safe from crime do you consider your neighborhood to be? Would you say.. Extremely safe, Quite safe, Slightly safe, Not at all safe."

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Table 6.6.2 Consider neighborhood to be quite safe

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	5,767	52.6	50.7	54.5	52.1	50.1	54.1
REGION							
Central	676	56.7	51.7	61.7	56.6	51.3	61.8
Kansas City Metro	1,056	51.6	47.6	55.6	50.9	46.6	55.2
Northeast	577	55.8	49.9	61.8	55.2	48.8	61.7
Northwest	608	51.2	45.3	57.2	51.0	44.9	57.1
Southeast	660	48.8	43.9	53.7	48.2	43.0	53.4
Southwest	725	53.2	48.3	58.0	52.8	47.9	57.7
St. Louis Metro	1,465	52.3	48.7	55.9	51.7	47.8	55.6
GENDER							
Female	3,539	52.0	49.5	54.4	51.1	48.5	53.7
Male	2,228	53.3	50.4	56.2	53.1	50.1	56.1
RACE							
African-American	485	43.2	36.7	49.7	41.6	35.5	47.7
Other	331	45.9	36.9	55.0	46.9	39.0	54.8
White	4,920	54.2	52.2	56.2	53.5	51.3	55.7
EDUCATION							
< High School	588	40.7	34.7	46.8	38.3	32.2	44.5
High School	2,034	55.2	52.2	58.3	54.3	50.8	57.7
>High School	3,134	54.1	51.6	56.6	53.9	51.2	56.5
INCOME							
<\$15,000	686	39.2	33.5	45.0	37.9	32.5	43.4
\$15,000-24,999	1,037	50.8	46.5	55.1	49.8	45.2	54.5
\$25,000-34,999	636	53.4	47.9	59.0	51.4	45.0	57.8
\$35,000-49,999	761	53.5	48.3	58.7	52.9	47.2	58.5
\$50,000-74,999	790	54.2	49.3	59.0	54.0	48.9	59.1
≥\$75,000	944	55.3	51.0	59.6	54.0	49.4	58.6

Definition: "Quite safe" response to the question "How safe from crime do you consider your neighborhood to be? Extremely safe, Quite safe, Slightly safe, Not at all safe."

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Table 6.6.3 Consider neighborhood to be slightly safe

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	5,767	16.2	14.8	17.6	16.4	14.9	17.9
REGION							
Central	676	12.1	8.9	15.3	12.5	8.9	16.2
Kansas City Metro	1,056	20.1	16.8	23.4	20.3	16.8	23.8
Northeast	577	12.5	8.3	16.7	12.3	7.8	16.7
Northwest	608	12.4	8.6	16.1	11.5	8.0	14.9
Southeast	660	14.7	10.9	18.4	13.4	9.9	16.9
Southwest	725	12.9	9.9	15.9	12.9	9.6	16.1
St. Louis Metro	1,465	18.2	15.5	21.0	18.5	15.5	21.5
GENDER							
Female	3,539	17.4	15.5	19.3	17.7	15.6	19.8
Male	2,228	14.9	12.9	17.0	15.0	12.8	17.2
RACE							
African-American	485	33.4	27.3	39.4	33.7	27.7	39.8
Other	331	18.5	12.1	24.9	20.5	14.5	26.4
White	4,920	13.9	12.5	15.3	14.2	12.6	15.8
EDUCATION							
< High School	588	25.4	20.2	30.7	26.1	20.5	31.7
High School	2,034	16.5	14.3	18.7	17.5	14.8	20.1
>High School	3,134	13.6	11.9	15.4	13.7	11.8	15.6
INCOME							
<\$15,000	686	33.3	27.7	38.9	33.1	27.7	38.6
\$15,000-24,999	1,037	21.3	17.9	24.8	21.8	17.8	25.8
\$25,000-34,999	636	17.4	13.2	21.7	18.9	13.7	24.2
\$35,000-49,999	761	14.9	10.9	18.8	15.4	11.1	19.7
\$50,000-74,999	790	12.0	8.4	15.5	12.2	8.3	16.2
≥\$75,000	944	7.5	5.2	9.8	8.3	5.8	10.8

Definition: "Slightly safe" response to the question "How safe from crime do you consider your neighborhood to be? Would you say.. Extremely safe, Quite safe, Slightly safe, Not at all safe."

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Table 6.6.4 Consider neighborhood to be not at all safe

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	5,767	2.8	2.3	3.4	2.8	2.2	3.4
REGION							
Central	676	0.8	0.0	1.5	0.7	0.0	1.5
Kansas City Metro	1,056	3.4	2.0	4.8	3.2	1.9	4.6
Northeast	577	1.8	0.1	3.6	2.0	0.0	4.1
Northwest	608	1.5	0.1	2.9	1.6	0.0	3.2
Southeast	660	2.5	1.1	3.9	2.7	1.0	4.4
Southwest	725	2.6	1.2	4.0	2.5	1.1	4.0
St. Louis Metro	1,465	3.7	2.6	4.7	3.6	2.6	4.7
GENDER							
Female	3,539	2.6	2.0	3.2	2.5	1.9	3.1
Male	2,228	3.1	2.2	4.0	3.1	2.2	4.0
RACE							
African-American	485	10.0	6.6	13.3	10.3	6.7	13.9
Other	331	2.2	0.5	3.9	2.3	0.6	3.9
White	4,920	2.0	1.5	2.5	1.9	1.4	2.4
EDUCATION							
< High School	588	4.4	2.5	6.3	4.5	2.4	6.6
High School	2,034	3.2	2.2	4.2	3.3	2.1	4.4
>High School	3,134	2.2	1.5	2.8	2.1	1.5	2.7
INCOME							
<\$15,000	686	5.3	3.2	7.4	4.9	3.1	6.7
\$15,000-24,999	1,037	6.1	4.0	8.1	5.9	3.8	7.9
\$25,000-34,999	636	3.1	1.4	4.8	3.3	1.1	5.4
\$35,000-49,999	761	3.3	1.6	5.0	3.5	1.6	5.5
\$50,000-74,999	790	1.2	0.3	2.0	1.2	0.3	2.0
≥\$75,000	944	0.5	0.1	0.8	0.3	0.1	0.6

Definition: "Not at all safe" response to the question "How safe from crime do you consider your neighborhood to be? Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 7 Perceived Nutrition Environment

Table 7.1 Strongly agree that healthy foods are easy to purchase in their neighborhood

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	5,744	31.8	30.1	33.5	32.3	30.5	34.1
REGION							
Central	675	26.6	22.0	31.1	26.5	21.7	31.3
Kansas City Metro	1,055	34.9	31.2	38.6	34.7	30.7	38.6
Northeast	569	22.2	17.4	27.0	23.7	18.5	29.0
Northwest	596	26.2	20.5	31.8	26.3	20.4	32.2
Southeast	659	26.3	22.0	30.6	27.0	22.3	31.7
Southwest	727	25.8	21.6	30.1	27.4	22.9	31.9
St. Louis Metro	1,463	37.7	34.2	41.2	37.9	34.2	41.6
GENDER							
Female	3,530	33.7	31.5	36.0	34.4	32.0	36.9
Male	2,214	29.7	27.0	32.3	30.1	27.3	32.8
RACE							
African-American	487	28.8	22.6	34.9	28.2	21.9	34.4
Other	335	22.3	15.9	28.7	23.5	17.3	29.7
White	4,894	32.9	31.1	34.8	33.8	31.7	35.8
EDUCATION							
< High School	584	19.2	14.4	24.0	20.8	15.5	26.2
High School	2,018	28.4	25.4	31.3	29.2	25.9	32.5
>High School	3,130	37.1	34.7	39.5	36.6	34.2	39.1
INCOME							
<\$15,000	690	24.4	19.0	29.9	26.0	20.4	31.6
\$15,000-24,999	1,036	24.4	20.5	28.3	25.4	20.9	29.9
\$25,000-34,999	636	30.9	25.6	36.2	33.0	26.8	39.2
\$35,000-49,999	762	32.4	27.6	37.2	32.9	27.6	38.2
\$50,000-74,999	788	34.7	30.1	39.2	34.9	29.9	39.9
≥\$75,000	937	43.5	39.3	47.8	40.5	36.3	44.7

Definition: "Strongly agree" response to the question "To what degree would you agree or disagree with the statement, 'In my neighborhood, it is easy to purchase healthy foods such as whole grain foods, low fat options, and fruits and vegetables.' Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 7 Perceived Nutrition Environment

Table 7.2 Agree that healthy foods are easy to purchase in their neighborhood

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	5,744	43.6	41.7	45.4	43.1	41.2	45.1
REGION							
Central	675	43.3	38.3	48.2	43.5	38.3	48.8
Kansas City Metro	1,055	44.6	40.6	48.5	44.4	40.1	48.8
Northeast	569	48.0	41.8	54.1	46.7	40.2	53.1
Northwest	596	42.6	36.6	48.6	43.0	37.0	49.1
Southeast	659	41.9	37.1	46.7	40.2	35.2	45.1
Southwest	727	41.0	36.3	45.7	40.1	35.3	45.0
St. Louis Metro	1,463	44.2	40.6	47.9	44.3	40.5	48.1
GENDER							
Female	3,530	42.0	39.6	44.4	41.3	38.8	43.9
Male	2,214	45.3	42.4	48.2	45.2	42.2	48.1
RACE							
African-American	487	43.3	36.8	49.8	44.2	37.6	50.7
Other	335	51.4	42.3	60.5	52.6	44.8	60.3
White	4,894	43.0	41.0	45.0	42.3	40.1	44.4
EDUCATION							
< High School	584	51.4	45.1	57.6	49.4	42.8	56.0
High School	2,018	47.0	44.0	50.1	45.7	42.4	49.1
>High School	3,130	39.5	37.0	41.9	39.9	37.3	42.5
INCOME							
<\$15,000	690	48.7	42.8	54.7	47.6	41.8	53.4
\$15,000-24,999	1,036	44.8	40.6	49.0	42.7	38.1	47.2
\$25,000-34,999	636	44.1	38.6	49.6	42.0	36.0	48.0
\$35,000-49,999	762	42.0	36.8	47.2	40.4	35.0	45.7
\$50,000-74,999	788	42.9	38.1	47.7	43.7	38.5	48.9
≥\$75,000	937	37.6	33.3	41.9	39.7	34.9	44.5

Definition: "Agree" response to the question "To what degree would you agree or disagree with the statement, 'In my neighborhood, it is easy to purchase healthy foods such as whole grain foods, low fat options, and fruits and vegetables.' Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 7 Perceived Nutrition Environment

Table 7.3 Neither agree nor disagree (neutral) that healthy foods are easy to purchase in their neighborhood

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	5,744	6.3	5.4	7.3	6.5	5.5	7.5
REGION							
Central	675	6.6	4.0	9.1	6.3	3.9	8.8
Kansas City Metro	1,055	6.6	4.6	8.5	6.9	4.7	9.1
Northeast	569	7.1	3.2	11.1	6.9	3.4	10.5
Northwest	596	7.2	4.3	10.2	7.5	4.5	10.5
Southeast	659	10.1	6.5	13.7	10.9	7.0	14.8
Southwest	727	6.8	4.0	9.5	7.0	4.1	9.9
St. Louis Metro	1,463	4.7	3.2	6.3	4.5	3.1	6.0
GENDER							
Female	3,530	6.4	5.2	7.7	6.7	5.3	8.1
Male	2,214	6.2	4.8	7.6	6.4	4.9	7.8
RACE							
African-American	487	6.6	3.4	9.8	5.6	2.9	8.3
Other	335	7.4	2.8	12.0	6.5	2.9	10.2
White	4,894	6.2	5.2	7.2	6.5	5.4	7.6
EDUCATION							
< High School	584	8.6	4.8	12.5	9.0	4.9	13.1
High School	2,018	5.3	4.0	6.7	5.7	4.1	7.3
>High School	3,130	6.4	5.2	7.5	6.5	5.3	7.8
INCOME							
<\$15,000	690	5.0	2.9	7.2	4.6	2.7	6.4
\$15,000-24,999	1,036	6.8	4.4	9.1	6.8	4.4	9.2
\$25,000-34,999	636	7.0	3.5	10.5	7.2	3.7	10.8
\$35,000-49,999	762	6.2	3.6	8.7	6.7	3.8	9.7
\$50,000-74,999	788	6.0	3.6	8.3	6.0	3.7	8.3
≥\$75,000	937	4.6	3.2	6.1	5.1	3.1	7.1

Definition: "Neither agree nor disagree" response to the question "To what degree would you agree or disagree with the statement, 'In my neighborhood, it is easy to purchase healthy foods such as whole grain foods, low fat options, and fruits and vegetables.' Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 7 Perceived Nutrition Environment

Table 7.4 Disagree that healthy foods are easy to purchase in their neighborhood

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	5,744	11.1	10.0	12.2	10.9	9.7	12.1
REGION							
Central	675	14.8	11.2	18.4	14.8	11.0	18.7
Kansas City Metro	1,055	8.2	5.9	10.6	8.5	5.9	11.2
Northeast	569	13.4	9.1	17.8	13.4	8.7	18.0
Northwest	596	14.0	10.1	17.9	13.0	9.4	16.6
Southeast	659	12.4	9.3	15.4	12.2	8.8	15.6
Southwest	727	16.4	12.8	20.1	16.0	12.4	19.6
St. Louis Metro	1,463	8.2	6.4	10.0	8.0	6.2	9.7
GENDER							
Female	3,530	10.8	9.5	12.1	10.6	9.2	12.1
Male	2,214	11.5	9.6	13.3	11.1	9.3	12.9
RACE							
African-American	487	14.7	10.5	18.8	15.2	11.0	19.4
Other	335	12.7	5.0	20.4	11.0	6.5	15.6
White	4,894	10.6	9.5	11.7	10.3	9.1	11.5
EDUCATION							
< High School	584	13.3	9.6	17.0	12.3	8.8	15.7
High School	2,018	12.5	10.6	14.4	11.9	10.0	13.9
>High School	3,130	9.7	8.3	11.2	9.8	8.2	11.4
INCOME							
<\$15,000	690	14.4	11.0	17.8	14.0	10.7	17.3
\$15,000-24,999	1,036	16.9	13.7	20.1	17.2	13.5	21.0
\$25,000-34,999	636	10.1	7.2	12.9	9.8	6.7	12.9
\$35,000-49,999	762	10.5	7.7	13.3	10.7	7.7	13.7
\$50,000-74,999	788	8.4	5.9	10.9	8.1	5.6	10.5
≥\$75,000	937	7.8	5.2	10.5	8.6	5.4	11.8

Definition: "Disagree" response to the question "To what degree would you agree or disagree with the statement, 'In my neighborhood, it is easy to purchase healthy foods such as whole grain foods, low fat options, and fruits and vegetables.' Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 7 Perceived Nutrition Environment

Table 7.5 Strongly disagree that healthy foods are easy to purchase in their neighborhood

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	5,744	7.2	6.3	8.1	7.2	6.2	8.1
REGION							
Central	675	8.8	6.3	11.3	8.8	6.2	11.4
Kansas City Metro	1,055	5.8	4.2	7.5	5.5	3.9	7.1
Northeast	569	9.2	6.3	12.2	9.3	6.0	12.6
Northwest	596	10.0	6.7	13.3	10.2	6.8	13.7
Southeast	659	9.4	6.8	12.0	9.8	6.9	12.7
Southwest	727	9.9	7.2	12.7	9.5	6.7	12.2
St. Louis Metro	1,463	5.1	3.4	6.8	5.4	3.4	7.3
GENDER							
Female	3,530	7.1	6.1	8.1	7.0	5.9	8.0
Male	2,214	7.4	5.8	8.9	7.3	5.7	9.0
RACE							
African-American	487	6.7	3.7	9.7	6.8	3.7	10.0
Other	335	6.3	3.0	9.6	6.4	3.4	9.4
White	4,894	7.3	6.3	8.3	7.2	6.1	8.3
EDUCATION							
< High School	584	7.6	4.0	11.2	8.5	4.2	12.9
High School	2,018	6.8	5.4	8.3	7.4	5.7	9.2
>High School	3,130	7.3	6.2	8.5	7.1	6.0	8.3
INCOME							
<\$15,000	690	7.4	5.1	9.8	7.8	5.2	10.5
\$15,000-24,999	1,036	7.2	5.1	9.3	7.9	5.2	10.5
\$25,000-34,999	636	7.9	5.4	10.4	8.0	5.2	10.9
\$35,000-49,999	762	9.0	5.4	12.6	9.3	5.2	13.4
\$50,000-74,999	788	8.1	5.5	10.7	7.4	5.1	9.7
≥\$75,000	937	6.4	4.5	8.3	6.1	4.0	8.3

Definition: "Strongly disagree" response to the question "To what degree would you agree or disagree with the statement, 'In my neighborhood, it is easy to purchase healthy foods such as whole grain foods, low fat options, and fruits and vegetables.' Would you...? Strongly agree, Agree, Neither agree nor disagree (neutral), Disagree, or Strongly disagree?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 8 Fruit and Vegetable Consumption

Table 8.1 Fruit consumption: Less than 2 times 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	6,183	74.3	72.8	75.8	74.4	72.8	76.0
REGION							
Central	700	79.2	75.6	82.8	80.1	76.7	83.5
Kansas City Metro	1,174	74.9	71.9	78.0	75.1	71.8	78.3
Northeast	602	78.8	74.5	83.1	79.6	75.1	84.1
Northwest	635	76.8	72.2	81.5	76.9	72.1	81.7
Southeast	705	73.7	69.7	77.8	73.8	69.3	78.2
Southwest	784	74.8	70.9	78.6	74.9	71.0	78.9
St. Louis Metro	1,583	71.4	68.3	74.6	71.3	67.9	74.6
GENDER							
Female	3,794	68.8	66.7	70.9	69.1	66.8	71.3
Male	2,389	80.2	78.0	82.4	80.1	77.8	82.4
RACE							
African-American	536	74.3	68.9	79.7	73.5	68.1	78.8
Other	379	71.0	63.8	78.2	69.5	62.8	76.2
White	5,230	74.5	72.9	76.2	75.0	73.2	76.7
EDUCATION							
< High School	650	80.6	76.0	85.1	81.0	76.0	86.1
High School	2,160	78.1	75.6	80.5	79.5	77.0	82.1
>High School	3,359	70.3	68.2	72.5	70.3	68.1	72.5
INCOME							
<\$15,000	761	81.7	77.9	85.6	82.3	78.7	86.0
\$15,000-24,999	1,120	79.0	75.8	82.2	80.3	77.1	83.6
\$25,000-34,999	689	72.0	67.1	76.9	73.0	67.8	78.2
\$35,000-49,999	805	73.9	69.5	78.2	73.3	68.6	78.1
\$50,000-74,999	832	72.8	68.7	77.0	72.6	68.1	77.1
≥\$75,000	1,005	68.6	64.8	72.4	68.3	64.0	72.5

Definition: Calculated from the responses to "During the past month, how many times per day, week or month did you drink 100% PURE fruit juices? Do not include fruit-flavored drinks with added sugar or fruit juice you made at home and added sugar to. Only include 100% juice AND "During the past month, not counting juice, how many times per day, week, or month did you eat fruit? Count fresh, frozen, or canned fruit."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 8 Fruit and Vegetable Consumption

Table 8.2 Fruit consumption: 2 or more times 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	6,183	25.7	24.2	27.3	25.6	24.0	27.2
REGION							
Central	700	20.8	17.3	24.4	20.0	16.6	23.4
Kansas City Metro	1,174	25.1	22.0	28.1	24.9	21.7	28.2
Northeast	602	21.2	16.9	25.5	20.4	15.9	24.9
Northwest	635	23.2	18.5	27.8	23.1	18.3	27.9
Southeast	705	26.3	22.2	30.4	26.2	21.8	30.7
Southwest	784	25.2	21.4	29.1	25.1	21.2	29.0
St. Louis Metro	1,583	28.6	25.4	31.7	28.7	25.4	32.1
GENDER							
Female	3,794	31.2	29.1	33.3	30.9	28.7	33.2
Male	2,389	19.8	17.6	22.0	19.9	17.6	22.2
RACE							
African-American	536	25.7	20.3	31.1	26.5	21.2	31.9
Other	379	29.0	21.8	36.2	30.5	23.8	37.2
White	5,230	25.5	23.9	27.1	25.1	23.3	26.8
EDUCATION							
< High School	650	19.5	14.9	24.0	19.0	14.0	24.1
High School	2,160	22.0	19.5	24.4	20.5	18.0	23.0
>High School	3,359	29.7	27.5	31.8	29.7	27.5	31.9
INCOME							
<\$15,000	761	18.3	14.5	22.1	17.7	14.1	21.3
\$15,000-24,999	1,120	21.0	17.9	24.2	19.7	16.4	22.9
\$25,000-34,999	689	28.0	23.1	32.9	27.0	21.8	32.3
\$35,000-49,999	805	26.1	21.8	30.5	26.7	22.0	31.4
\$50,000-74,999	832	27.2	23.0	31.3	27.4	22.9	31.9
≥\$75,000	1,005	31.4	27.6	35.2	31.7	27.5	36.0

Definition: Calculated from the responses to "During the past month, how many times per day, week or month did you drink 100% PURE fruit juices? Do not include fruit-flavored drinks with added sugar or fruit juice you made at home and added sugar to. Only include 100% juice AND "During the past month, not counting juice, how many times per day, week, or month did you eat fruit? Count fresh, frozen, or canned fruit."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 8 Fruit and Vegetable Consumption

Table 8.3 Vegetable consumption: Less than 3 times 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	6,174	85.6	84.3	87.0	85.3	83.8	86.7
REGION							
Central	705	86.8	83.4	90.1	87.0	83.6	90.3
Kansas City Metro	1,171	88.0	85.6	90.4	88.1	85.6	90.6
Northeast	603	91.9	89.1	94.6	92.2	89.2	95.1
Northwest	632	85.7	81.5	89.9	84.8	80.1	89.4
Southeast	704	87.8	84.9	90.8	86.6	83.1	90.1
Southwest	780	83.5	80.1	86.9	83.5	80.0	87.0
St. Louis Metro	1,579	83.5	80.7	86.3	82.8	79.9	85.7
GENDER							
Female	3,786	83.1	81.2	84.9	82.5	80.5	84.5
Male	2,388	88.4	86.5	90.3	88.2	86.2	90.2
RACE							
African-American	540	90.2	85.9	94.5	88.6	83.7	93.4
Other	376	81.0	73.9	88.2	82.8	77.2	88.4
White	5,222	85.4	84.1	86.8	85.1	83.6	86.6
EDUCATION							
< High School	647	86.8	82.2	91.4	86.2	81.1	91.3
High School	2,160	90.2	88.4	91.9	90.0	87.9	92.0
>High School	3,353	82.6	80.8	84.5	82.5	80.6	84.5
INCOME							
<\$15,000	758	91.0	87.9	94.1	91.0	88.1	93.9
\$15,000-24,999	1,119	86.7	83.5	89.8	86.2	82.3	90.0
\$25,000-34,999	688	84.0	79.6	88.4	83.8	79.1	88.6
\$35,000-49,999	803	86.2	82.6	89.9	86.0	82.2	89.9
\$50,000-74,999	832	84.8	81.4	88.1	84.6	81.0	88.2
≥\$75,000	1,004	80.7	77.2	84.2	81.4	77.7	85.0

Definition: Calculated from the responses to "During the past month, how many times per day, week, or month did you eat cooked or canned beans, such as refried, baked, black, garbanzo beans, beans in soup, soybeans, edamame, tofu or lentils. Do NOT include long green beans." AND "During the past month, how many times per day, week, or month did you eat dark green vegetables for example broccoli or dark leafy greens including romaine, chard, collard greens or spinach?" AND "During the past month, how many times per day, week, or month did you eat orange-colored vegetables such as sweet potatoes, pumpkin, winter squash, or carrots?" AND "Not counting what you just told me about, during the past month, about how many times per day, week, or month did you eat OTHER vegetables? Examples of other vegetables include tomatoes, tomato juice or V-8 juice, corn, eggplant, peas, lettuce, cabbage, and white potatoes that are not fried such as baked or mashed potatoes."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 8 Fruit and Vegetable Consumption

Table 8.4 Vegetable consumption: 3 or more times 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	6,174	14.4	13.1	15.7	14.8	13.3	16.2
REGION							
Central	705	13.2	9.9	16.6	13.1	9.7	16.4
Kansas City Metro	1,171	12.0	9.6	14.4	12.0	9.5	14.5
Northeast	603	8.1	5.4	10.9	7.8	4.9	10.8
Northwest	632	14.3	10.1	18.5	15.2	10.6	19.9
Southeast	704	12.2	9.2	15.1	13.4	9.9	16.9
Southwest	780	16.5	13.1	19.9	16.5	13.0	20.0
St. Louis Metro	1,579	16.5	13.7	19.3	17.2	14.3	20.1
GENDER							
Female	3,786	16.9	15.1	18.8	17.5	15.5	19.5
Male	2,388	11.6	9.7	13.5	11.8	9.8	13.9
RACE							
African-American	540	9.8	5.6	14.1	11.4	6.6	16.3
Other	376	19.0	11.8	26.1	17.2	11.6	22.8
White	5,222	14.6	13.2	16.0	14.9	13.4	16.5
EDUCATION							
< High School	647	13.2	8.6	17.8	13.8	8.7	18.9
High School	2,160	9.8	8.1	11.6	10.1	8.0	12.1
>High School	3,353	17.4	15.5	19.2	17.5	15.5	19.4
INCOME							
<\$15,000	758	9.0	5.9	12.1	9.0	6.1	11.9
\$15,000-24,999	1,119	13.3	10.2	16.5	13.8	10.0	17.7
\$25,000-34,999	688	16.0	11.6	20.4	16.2	11.4	21.0
\$35,000-49,999	803	13.8	10.1	17.4	14.0	10.1	17.8
\$50,000-74,999	832	15.2	11.9	18.6	15.4	11.8	19.0
≥\$75,000	1,004	19.3	15.8	22.8	18.7	15.0	22.3

Definition: Calculated from the responses to "During the past month, how many times per day, week, or month did you eat cooked or canned beans, such as refried, baked, black, garbanzo beans, beans in soup, soybeans, edamame, tofu or lentils. Do NOT include long green beans." AND "During the past month, how many times per day, week, or month did you eat dark green vegetables for example broccoli or dark leafy greens including romaine, chard, collard greens or spinach?" AND "During the past month, how many times per day, week, or month did you eat orange-colored vegetables such as sweet potatoes, pumpkin, winter squash, or carrots?" AND "Not counting what you just told me about, during the past month, about how many times per day, week, or month did you eat OTHER vegetables? Examples of other vegetables include tomatoes, tomato juice or V-8 juice, corn, eggplant, peas, lettuce, cabbage, and white potatoes that are not fried such as baked or mashed potatoes."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 8 Fruit and Vegetable Consumption

Table 8.5 Fruit and vegetable consumption: Less than 5 times 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	6,199	85.9	84.7	87.2	85.8	84.4	87.1
REGION							
Central	706	86.7	83.6	89.8	87.1	84.1	90.2
Kansas City Metro	1,176	86.1	83.6	88.6	86.3	83.7	88.9
Northeast	604	92.3	89.9	94.8	93.2	91.0	95.4
Northwest	637	88.5	84.7	92.2	87.8	83.7	91.9
Southeast	707	88.9	86.2	91.6	88.2	85.0	91.4
Southwest	786	86.5	83.5	89.4	86.2	83.1	89.3
St. Louis Metro	1,583	83.5	80.8	86.3	83.1	80.1	86.0
GENDER							
Female	3,803	82.6	80.8	84.3	82.3	80.4	84.2
Male	2,396	89.6	87.7	91.5	89.4	87.4	91.4
RACE							
African-American	542	89.0	85.1	92.9	88.2	84.1	92.4
Other	378	79.3	72.3	86.2	79.7	73.6	85.8
White	5,240	86.1	84.7	87.4	86.0	84.5	87.5
EDUCATION							
< High School	654	89.8	86.0	93.6	89.7	85.3	94.0
High School	2,168	88.6	86.6	90.6	88.8	86.7	91.0
>High School	3,362	83.3	81.5	85.1	83.2	81.3	85.1
INCOME							
<\$15,000	765	92.3	89.6	95.0	92.3	89.8	94.8
\$15,000-24,999	1,122	89.8	87.4	92.2	90.2	87.7	92.8
\$25,000-34,999	690	83.3	78.9	87.7	83.5	78.9	88.2
\$35,000-49,999	807	87.5	83.9	91.0	87.1	83.3	90.9
\$50,000-74,999	833	84.7	81.5	88.0	84.3	80.8	87.8
≥\$75,000	1,005	81.1	77.7	84.4	81.6	78.0	85.2

Definition: Calculated from the responses to "During the past month, how many times per day, week, or month did you eat cooked or canned beans such as refried, baked, black, garbanzo beans, beans in soup, soybeans, edamame, tofu or lentils. Do NOT include long green beans." AND "During the past month, how many times per day, week, or month did you eat dark green vegetables for example broccoli or dark leafy greens including romaine, chard, collard greens or spinach?" AND "During the past month, how many times per day, week, or month did you eat orange-colored vegetables such as sweet potatoes, pumpkin, winter squash, or carrots?" AND "Not counting what you just told me about, during the past month, about how many times per day, week, or month did you eat OTHER vegetables? Examples of other vegetables include tomatoes, tomato juice or V-8 juice, corn, eggplant, peas, lettuce, cabbage, and white potatoes that are not fried such as baked or mashed potatoes."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 9 Overweight and Obesity

Table 9.1 Overweight (BMI 25.0-29.9)

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	6,095	34.6	32.9	36.3	34.6	32.9	36.4
REGION							
Central	695	38.6	33.8	43.3	38.6	33.7	43.6
Kansas City Metro	1,153	33.4	30.0	36.8	33.1	29.6	36.5
Northeast	606	35.8	30.2	41.5	35.4	29.2	41.6
Northwest	631	33.7	28.2	39.3	32.9	27.4	38.5
Southeast	697	33.6	29.2	37.9	34.2	29.5	39.0
Southwest	769	31.8	27.7	35.8	32.4	28.3	36.5
St. Louis Metro	1,544	35.3	31.9	38.7	35.7	32.2	39.3
GENDER							
Female	3,651	29.8	27.6	31.9	29.4	27.1	31.7
Male	2,444	39.4	36.8	42.1	40.0	37.3	42.6
RACE							
African-American	528	34.8	28.8	40.9	35.0	29.0	41.0
Other	374	32.4	24.7	40.0	33.8	27.1	40.6
White	5,161	34.6	32.8	36.5	34.6	32.6	36.5
EDUCATION							
< High School	651	32.6	27.1	38.0	32.8	26.9	38.7
High School	2,148	33.4	30.6	36.2	34.0	30.9	37.0
>High School	3,283	35.8	33.6	38.1	36.2	33.8	38.5
INCOME							
<\$15,000	776	29.7	24.8	34.6	30.5	25.6	35.3
\$15,000-24,999	1,115	33.5	29.7	37.3	33.4	29.1	37.8
\$25,000-34,999	680	33.3	28.5	38.1	31.5	26.2	36.8
\$35,000-49,999	804	40.3	35.3	45.4	40.4	35.1	45.7
\$50,000-74,999	816	35.2	30.7	39.7	34.6	29.9	39.4
≥\$75,000	999	39.1	35.0	43.3	39.6	35.1	44.0

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 - 2011

Chapter 9 Overweight and Obesity

Table 9.2 Obese (BMI 30 and greater)

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	6,095	30.3	28.6	31.9	30.2	28.4	31.9
REGION							
Central	695	27.7	23.3	32.2	28.2	23.5	33.0
Kansas City Metro	1,153	32.1	28.5	35.7	32.1	28.3	35.9
Northeast	606	33.4	27.5	39.4	34.5	28.0	40.9
Northwest	631	33.0	27.5	38.4	34.3	28.8	39.8
Southeast	697	31.6	27.2	36.0	30.7	26.3	35.1
Southwest	769	29.9	25.9	33.9	30.2	26.2	34.3
St. Louis Metro	1,544	29.2	25.9	32.4	28.2	24.9	31.4
GENDER							
Female	3,651	30.7	28.6	32.9	30.6	28.4	32.9
Male	2,444	29.8	27.3	32.4	29.6	27.0	32.2
RACE							
African-American	528	39.5	33.5	45.6	39.6	33.5	45.6
Other	374	27.3	19.5	35.0	30.1	23.4	36.8
White	5,161	29.4	27.6	31.1	29.0	27.2	30.9
EDUCATION							
< High School	651	33.8	28.2	39.4	35.3	29.4	41.2
High School	2,148	30.3	27.6	33.1	30.3	27.4	33.3
>High School	3,283	29.3	27.1	31.5	28.5	26.4	30.6
INCOME							
<\$15,000	776	31.9	27.0	36.7	34.1	29.1	39.1
\$15,000-24,999	1,115	34.2	30.2	38.2	35.6	31.2	40.0
\$25,000-34,999	680	31.5	26.5	36.4	33.3	27.8	38.8
\$35,000-49,999	804	30.0	25.4	34.7	29.7	24.8	34.6
\$50,000-74,999	816	30.7	26.3	35.2	28.8	24.5	33.1
≥\$75,000	999	27.6	23.8	31.4	26.4	22.8	30.1

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 - 2011

Chapter 10 Tobacco Use

Table 10.1 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	6,387	50.0	48.3	51.8	50.1	48.3	52.0
REGION							
Central	723	49.4	44.6	54.2	48.8	43.9	53.7
Kansas City Metro	1,211	49.4	45.8	53.1	50.3	46.7	54.0
Northeast	627	56.4	50.4	62.3	55.7	49.4	61.9
Northwest	655	53.1	47.2	58.9	53.2	47.4	59.1
Southeast	726	45.2	40.7	49.8	45.8	40.9	50.8
Southwest	806	49.4	44.9	54.0	49.3	44.7	53.9
St. Louis Metro	1,639	51.0	47.5	54.5	51.4	47.8	55.0
GENDER							
Female	3,908	55.6	53.3	57.9	55.6	53.2	58.1
Male	2,479	44.0	41.3	46.8	43.9	41.2	46.7
RACE							
African-American	559	56.3	50.4	62.2	55.6	50.0	61.3
Other	394	61.1	53.6	68.6	54.2	47.9	60.6
White	5,393	48.3	46.4	50.1	48.2	46.2	50.2
EDUCATION							
< High School	677	32.8	27.3	38.3	30.8	25.2	36.4
High School	2,247	45.5	42.5	48.5	44.9	41.7	48.1
>High School	3,448	57.3	55.0	59.6	57.5	55.2	59.8
INCOME							
<\$15,000	794	40.7	35.1	46.3	37.8	33.0	42.7
\$15,000-24,999	1,152	39.8	35.8	43.7	39.3	34.8	43.7
\$25,000-34,999	709	45.0	39.9	50.1	44.6	38.8	50.4
\$35,000-49,999	827	48.0	43.0	53.0	48.5	43.2	53.8
\$50,000-74,999	847	54.5	49.9	59.1	56.4	51.8	61.0
≥\$75,000	1,033	59.8	55.7	63.8	58.9	54.9	63.0

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 10 Tobacco Use

Table 10.2.1 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	6,387	25.0	23.4	26.6	25.6	23.9	27.2
REGION							
Central	723	28.0	23.3	32.6	28.9	24.1	33.8
Kansas City Metro	1,211	24.9	21.6	28.1	24.9	21.5	28.2
Northeast	627	22.3	17.2	27.5	25.2	19.7	30.7
Northwest	655	24.2	19.2	29.2	24.5	19.3	29.6
Southeast	726	28.9	24.5	33.4	30.4	25.6	35.3
Southwest	806	26.1	21.9	30.4	27.1	22.7	31.4
St. Louis Metro	1,639	23.0	20.1	25.8	22.8	20.0	25.6
GENDER							
Female	3,908	23.6	21.7	25.6	24.5	22.4	26.7
Male	2,479	26.4	24.0	28.9	26.6	24.2	29.1
RACE							
African-American	559	28.0	22.9	33.1	27.4	22.5	32.2
Other	394	22.0	16.1	27.9	24.7	18.9	30.5
White	5,393	24.9	23.2	26.6	26.1	24.2	27.9
EDUCATION							
< High School	677	40.8	35.2	46.5	44.4	38.6	50.2
High School	2,247	30.0	27.3	32.7	31.5	28.5	34.5
>High School	3,448	17.8	16.0	19.6	17.7	15.9	19.5
INCOME							
<\$15,000	794	44.0	38.7	49.3	45.9	41.0	50.9
\$15,000-24,999	1,152	34.8	30.8	38.7	37.4	33.0	41.9
\$25,000-34,999	709	28.5	23.5	33.4	31.6	25.9	37.4
\$35,000-49,999	827	22.8	18.3	27.3	23.1	18.6	27.6
\$50,000-74,999	847	16.6	13.1	20.1	15.7	12.2	19.2
≥\$75,000	1,033	14.9	11.9	17.9	14.0	11.0	17.0

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 10 Tobacco Use

Table 10.2.2 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	6,387	25.0	23.5	26.5	24.3	22.8	25.8
REGION							
Central	723	22.7	19.1	26.2	22.3	18.8	25.8
Kansas City Metro	1,211	25.7	22.7	28.7	24.8	21.9	27.7
Northeast	627	21.3	16.6	26.0	19.1	14.7	23.6
Northwest	655	22.8	18.4	27.2	22.3	18.0	26.6
Southeast	726	25.9	22.1	29.6	23.7	20.0	27.4
Southwest	806	24.4	20.9	27.9	23.7	20.1	27.2
St. Louis Metro	1,639	26.0	22.9	29.1	25.8	22.6	29.1
GENDER							
Female	3,908	20.8	19.0	22.5	19.8	18.1	21.6
Male	2,479	29.6	27.1	32.0	29.4	27.0	31.9
RACE							
African-American	559	15.7	11.2	20.2	17.0	12.6	21.4
Other	394	16.9	11.7	22.1	21.1	15.8	26.4
White	5,393	26.9	25.2	28.5	25.8	24.0	27.5
EDUCATION							
< High School	677	26.4	21.5	31.3	24.8	19.8	29.9
High School	2,247	24.5	21.9	27.0	23.6	20.9	26.4
>High School	3,448	24.9	23.0	26.9	24.8	22.9	26.7
INCOME							
<\$15,000	794	15.3	12.3	18.4	16.2	13.3	19.2
\$15,000-24,999	1,152	25.5	22.1	28.8	23.3	20.0	26.7
\$25,000-34,999	709	26.6	22.0	31.2	23.8	19.4	28.3
\$35,000-49,999	827	29.2	24.5	33.9	28.4	23.8	33.0
\$50,000-74,999	847	28.9	24.8	33.0	27.9	24.0	31.8
≥\$75,000	1,033	25.4	21.9	28.9	27.1	23.5	30.6

Definition: "Yes" response to "Have you smoked at least 100 cigarettes in your entire life" 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 - 2011

Chapter 10 Tobacco Use

Table 10.3 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	1,364	52.2	48.6	55.9	51.6	48.0	55.1
REGION							
Central	161	56.6	46.4	66.8	53.8	44.4	63.2
Kansas City Metro	248	57.5	50.0	65.0	55.3	48.5	62.1
Northeast	119	56.1	43.1	69.0	58.2	47.7	68.6
Northwest	129	51.4	39.6	63.3	51.7	42.3	61.2
Southeast	174	48.8	39.2	58.4	46.9	37.4	56.4
Southwest	174	54.6	44.8	64.5	52.5	43.9	61.0
St. Louis Metro	359	46.9	39.9	53.9	48.8	41.8	55.9
GENDER							
Female	789	55.4	50.6	60.3	54.5	49.7	59.2
Male	575	49.2	43.8	54.6	49.2	43.9	54.5
RACE							
African-American	162	62.1	51.9	72.2	65.8	56.9	74.7
Other	100	60.8	47.1	74.4	61.3	48.9	73.6
White	1,097	50.2	46.1	54.2	49.3	45.3	53.3
EDUCATION							
< High School	240	48.7	39.6	57.9	47.2	39.3	55.0
High School	585	50.4	45.1	55.8	50.5	45.0	56.1
>High School	537	56.3	50.7	62.0	54.1	48.7	59.6
INCOME							
<\$15,000	308	56.3	48.7	63.9	54.0	46.7	61.3
\$15,000-24,999	335	53.3	46.2	60.5	54.1	47.0	61.2
\$25,000-34,999	156	52.7	42.0	63.4	52.1	41.6	62.6
\$35,000-49,999	150	44.5	33.4	55.7	44.5	34.8	54.1
\$50,000-74,999	132	49.1	37.4	60.9	41.2	29.4	53.0
≥\$75,000	128	55.5	44.4	66.6	57.2	45.5	68.9

Definition: "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 - 2011

Chapter 10 Tobacco Use

Table 10.4 Currently uses 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	6,402	5.3	4.4	6.1	5.5	4.6	6.4
REGION							
Central	724	9.1	5.8	12.4	9.3	6.1	12.5
Kansas City Metro	1,212	4.2	2.7	5.7	4.2	2.7	5.8
Northeast	628	9.0	5.5	12.5	10.2	6.1	14.3
Northwest	658	9.7	5.5	13.9	10.2	5.9	14.5
Southeast	727	8.4	5.6	11.2	9.5	6.1	12.9
Southwest	808	6.9	4.0	9.8	7.6	4.6	10.5
St. Louis Metro	1,645	2.2	1.0	3.4	2.4	1.0	3.7
GENDER							
Female	3,919	1.2	0.4	1.9	1.3	0.4	2.1
Male	2,483	9.7	8.1	11.2	9.9	8.3	11.5
RACE							
African-American	562	1.9	0.2	3.5	1.7	0.3	3.1
Other	396	6.1	2.8	9.5	6.0	2.6	9.5
White	5,402	5.6	4.6	6.6	6.1	5.1	7.2
EDUCATION							
< High School	678	6.6	3.4	9.8	6.3	3.5	9.2
High School	2,253	7.1	5.4	8.9	8.0	6.1	9.9
>High School	3,455	3.8	2.9	4.6	3.9	2.9	4.8
INCOME							
<\$15,000	797	4.7	2.7	6.7	4.2	2.5	6.0
\$15,000-24,999	1,154	6.8	4.6	9.1	7.5	4.9	10.0
\$25,000-34,999	711	5.7	3.3	8.1	6.3	3.5	9.1
\$35,000-49,999	830	5.3	3.3	7.4	5.8	3.5	8.1
\$50,000-74,999	848	5.1	3.2	7.0	5.4	3.2	7.6
≥\$75,000	1,032	4.2	2.6	5.8	4.3	2.6	6.1

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 11 Secondhand smoke policy

Table 11.1 Would support a local law that would make all indoor workplaces smoke-free by prohibiting smoking

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	5,552	69.5	67.7	71.2	69.5	67.6	71.3
REGION							
Central	656	65.2	60.3	70.2	65.1	59.9	70.4
Kansas City Metro	1,036	75.1	71.8	78.4	75.6	72.1	79.1
Northeast	541	74.8	69.6	79.9	74.4	68.9	80.0
Northwest	569	63.9	57.7	70.0	64.0	58.1	70.0
Southeast	633	60.7	55.8	65.6	61.3	56.1	66.5
Southwest	699	68.8	64.1	73.4	68.1	63.3	73.0
St. Louis Metro	1,418	70.4	66.9	73.9	70.3	66.6	74.1
GENDER							
Female	3,402	74.8	72.5	77.0	74.7	72.3	77.1
Male	2,150	63.7	60.9	66.5	63.8	61.0	66.7
RACE							
African-American	469	74.9	69.1	80.7	74.5	68.6	80.5
Other	325	72.1	64.4	79.8	70.8	63.7	77.9
White	4,732	68.6	66.7	70.5	68.5	66.4	70.6
EDUCATION							
< High School	563	56.7	50.3	63.0	54.6	47.8	61.5
High School	1,946	66.1	63.2	69.0	65.3	62.0	68.6
>High School	3,035	74.9	72.7	77.0	75.1	72.8	77.4
INCOME							
<\$15,000	674	65.4	60.0	70.8	63.6	57.9	69.4
\$15,000-24,999	995	58.4	54.0	62.8	56.2	51.2	61.1
\$25,000-34,999	612	69.1	63.9	74.3	67.7	62.0	73.5
\$35,000-49,999	736	67.7	62.4	73.0	67.7	62.1	73.2
\$50,000-74,999	766	72.6	68.1	77.1	73.3	68.6	78.0
≥\$75,000	919	79.6	76.3	82.9	80.0	76.5	83.4

Definition: "Yes" response to "Some cities and towns are considering laws that would make workplaces smoke-free by prohibiting smoking in all indoor workplaces, including restaurants, bars and casinos. Would you support such a law in your community?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 11 Secondhand smoke policy

Table 11.2 Would support a change in Missouri law that would make all indoor workplaces smoke-free by prohibiting smoking

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	5,510	64.4	62.6	66.3	64.7	62.8	66.6
REGION							
Central	646	62.4	57.4	67.4	62.4	57.1	67.7
Kansas City Metro	1,021	67.7	63.9	71.5	68.3	64.3	72.4
Northeast	538	66.9	61.2	72.6	66.3	60.3	72.3
Northwest	572	58.9	52.7	65.0	59.2	53.3	65.2
Southeast	629	56.4	51.4	61.3	56.5	51.2	61.8
Southwest	702	62.9	58.1	67.7	62.3	57.3	67.3
St. Louis Metro	1,402	66.5	63.1	70.0	66.6	62.9	70.4
GENDER							
Female	3,373	69.7	67.4	72.0	70.1	67.7	72.6
Male	2,137	58.8	55.9	61.6	58.9	56.0	61.9
RACE							
African-American	465	69.8	64.0	75.5	70.3	64.6	75.9
Other	325	68.4	60.6	76.3	66.2	59.3	73.1
White	4,698	63.5	61.6	65.5	63.5	61.3	65.7
EDUCATION							
< High School	557	54.1	47.9	60.4	54.2	47.4	60.9
High School	1,939	60.9	57.8	63.9	60.0	56.7	63.4
>High School	3,004	69.4	67.1	71.7	69.6	67.2	72.1
INCOME							
<\$15,000	670	57.7	51.9	63.5	56.8	50.8	62.8
\$15,000-24,999	984	53.4	49.0	57.8	52.6	47.7	57.5
\$25,000-34,999	605	63.0	57.5	68.5	61.4	55.0	67.7
\$35,000-49,999	734	65.1	59.9	70.3	65.4	59.8	71.0
\$50,000-74,999	759	68.4	63.8	72.9	69.2	64.4	74.1
≥\$75,000	918	74.3	70.6	78.0	74.2	70.1	78.3

Definition: "Yes" response to "Missouri state law allows designated smoking areas in restaurants and other public places. Would you support a change in the state law that would make all workplaces smoke-free by prohibiting smoking in all indoor workplaces, including restaurants, bars and casinos?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 12 Tobacco Quitline Promotion

Table 12.1 Had seen, read or heard of ads about quitting smoking cigarettes 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	5,652	73.8	72.2	75.5	73.9	72.1	75.7
REGION							
Central	666	71.5	66.8	76.1	71.0	66.1	76.0
Kansas City Metro	1,021	72.5	68.9	76.1	72.5	68.6	76.4
Northeast	565	75.1	69.6	80.6	75.9	70.2	81.6
Northwest	593	74.1	69.2	79.1	74.1	69.0	79.2
Southeast	651	74.8	70.5	79.1	74.2	69.5	79.0
Southwest	713	75.6	71.5	79.8	76.5	72.4	80.6
St. Louis Metro	1,443	74.2	70.9	77.4	74.2	70.7	77.8
GENDER							
Female	3,454	74.2	72.2	76.3	74.4	72.2	76.7
Male	2,198	73.4	70.7	76.1	73.4	70.6	76.2
RACE							
African-American	490	69.4	63.3	75.4	69.1	63.0	75.2
Other	337	58.4	48.9	67.9	60.3	52.1	68.4
White	4,793	75.6	73.9	77.3	76.0	74.2	77.8
EDUCATION							
< High School	589	69.9	64.0	75.9	70.1	64.0	76.2
High School	2,015	75.0	72.4	77.5	74.9	72.0	77.8
>High School	3,036	74.2	72.0	76.4	74.0	71.7	76.4
INCOME							
<\$15,000	694	76.8	72.3	81.3	75.3	70.5	80.1
\$15,000-24,999	1,028	72.5	68.8	76.3	73.9	70.1	77.8
\$25,000-34,999	631	76.7	72.0	81.4	77.8	72.4	83.2
\$35,000-49,999	742	73.1	68.0	78.3	73.3	68.1	78.6
\$50,000-74,999	772	76.8	72.6	81.0	76.2	71.5	80.8
≥\$75,000	909	75.2	71.2	79.1	74.6	70.2	79.0

Definition: "Yes" response to "In the past 30 days, have you seen, read or heard any ads about quitting smoking cigarettes?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 12 Tobacco Quitline Promotion

Table 12.2 Are aware of the Missouri Tobacco Quitline services

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	5,786	34.6	32.8	36.4	35.2	33.2	37.1
REGION							
Central	682	36.1	31.3	41.0	36.4	31.2	41.6
Kansas City Metro	1,059	33.1	29.1	37.1	33.8	29.4	38.1
Northeast	577	42.1	36.1	48.1	43.8	37.3	50.2
Northwest	604	36.9	30.9	42.9	38.0	31.9	44.2
Southeast	664	38.0	33.2	42.8	38.6	33.4	43.8
Southwest	728	34.7	30.2	39.3	35.6	30.8	40.4
St. Louis Metro	1,472	32.8	29.3	36.2	33.5	29.7	37.2
GENDER							
Female	3,554	32.7	30.4	35.0	33.6	31.0	36.1
Male	2,232	36.7	33.8	39.5	36.9	34.0	39.9
RACE							
African-American	498	38.4	32.0	44.8	38.3	31.8	44.9
Other	331	34.1	25.4	42.9	34.0	26.4	41.5
White	4,924	34.2	32.3	36.1	35.2	33.1	37.3
EDUCATION							
< High School	597	45.6	39.4	51.8	47.6	40.9	54.4
High School	2,041	38.8	35.8	41.8	39.9	36.6	43.3
>High School	3,137	29.2	27.0	31.5	29.6	27.2	32.1
INCOME							
<\$15,000	704	51.7	45.9	57.5	51.4	45.9	57.0
\$15,000-24,999	1,045	41.2	37.0	45.4	43.3	38.6	48.0
\$25,000-34,999	642	36.9	31.5	42.3	38.9	32.7	45.1
\$35,000-49,999	764	32.7	27.8	37.7	33.2	28.0	38.4
\$50,000-74,999	787	31.9	27.2	36.6	33.0	28.0	37.9
≥\$75,000	942	26.5	22.8	30.2	26.4	22.3	30.6

Definition: "Yes" response to "A telephone quitline is a free telephone-based service that connects people who smoke cigarettes with trained counselors who can help them quit. Are you aware of the Missouri Tobacco Quitline services that are available to help people quit smoking?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 13 Alcohol Consumption

Table 13.1 Had at least one drink of alcohol 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	6,016	52.5	50.7	54.3	53.5	51.7	55.4
REGION							
Central	693	47.0	42.1	51.9	47.1	42.0	52.2
Kansas City Metro	1,144	56.0	52.2	59.7	56.4	52.4	60.3
Northeast	590	43.6	37.7	49.5	46.6	40.3	52.9
Northwest	620	52.4	46.4	58.4	53.8	48.2	59.3
Southeast	681	35.0	30.4	39.6	37.3	32.3	42.3
Southwest	759	47.2	42.4	51.9	48.1	43.4	52.9
St. Louis Metro	1,529	60.3	56.9	63.7	61.3	57.8	64.8
GENDER							
Female	3,685	46.7	44.3	49.0	48.7	46.2	51.1
Male	2,331	58.7	56.0	61.4	59.0	56.2	61.8
RACE							
African-American	515	51.0	44.8	57.3	50.1	44.1	56.1
Other	367	50.8	42.2	59.3	47.8	40.2	55.4
White	5,100	52.9	51.0	54.8	54.4	52.4	56.4
EDUCATION							
< High School	623	37.2	31.1	43.4	41.1	34.5	47.7
High School	2,102	48.8	45.8	51.8	51.3	48.1	54.5
>High School	3,280	58.6	56.2	60.9	58.7	56.3	61.2
INCOME							
<\$15,000	737	40.4	34.7	46.2	40.5	34.8	46.2
\$15,000-24,999	1,080	41.3	37.2	45.3	43.9	39.4	48.4
\$25,000-34,999	665	47.5	42.1	52.8	49.6	43.5	55.7
\$35,000-49,999	786	57.7	52.9	62.5	58.6	53.8	63.4
\$50,000-74,999	822	58.0	53.4	62.6	58.3	53.2	63.3
≥\$75,000	988	71.6	67.8	75.4	71.8	67.8	75.8

Definition: Calculated from the responses to "During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. 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 - 2011

Chapter 13 Alcohol Consumption

Table 13.2.1 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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,668	5.1	3.9	6.3	5.3	4.0	6.6
REGION							
Central	405	4.2	1.7	6.6	4.6	1.4	7.8
Kansas City Metro	693	3.7	2.0	5.4	3.5	1.8	5.1
Northeast	372	2.4	0.4	4.5	3.0	0.2	5.9
Northwest	372	1.8	0.1	3.4	1.8	-0.0	3.7
Southeast	418	2.0	0.4	3.7	2.2	0.3	4.1
Southwest	468	2.5	0.9	4.1	2.4	0.6	4.3
St. Louis Metro	940	8.9	6.0	11.8	9.5	6.2	12.7
GENDER							
Female	3,668	5.1	3.9	6.3	5.3	4.0	6.6
Male	0						
RACE							
African-American	347	6.9	3.2	10.7	7.2	3.1	11.3
Other	208	6.8	2.1	11.6	6.6	1.9	11.3
White	3,098	4.8	3.5	6.1	5.0	3.5	6.5
EDUCATION							
< High School	376	2.4	0.4	4.4	2.7	0.2	5.1
High School	1,300	5.2	3.4	7.1	6.1	3.6	8.6
>High School	1,985	5.7	3.9	7.5	5.7	3.8	7.7
INCOME							
<\$15,000	501	4.0	1.4	6.5	3.9	1.4	6.5
\$15,000-24,999	688	2.7	1.0	4.3	3.3	0.9	5.7
\$25,000-34,999	401	5.3	2.2	8.3	5.4	2.1	8.6
\$35,000-49,999	437	6.2	2.2	10.3	6.6	2.4	10.8
\$50,000-74,999	457	5.1	2.4	7.9	4.2	2.0	6.3
≥\$75,000	526	7.4	3.4	11.5	9.1	3.7	14.5

Definition: Calculated from the responses to "During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?" AND "Considering all types of alcoholic beverages, how many times during the past 30 days did you have X [CATI X = 5 for men, X = 4 for women] or more drinks on an occasion?" AND "During the past 30 days, what is the largest number of drinks you had on any occasion?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 13 Alcohol Consumption

Table 13.2.2 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	2,306	9.6	7.8	11.4	9.5	7.7	11.3
REGION							
Central	285	10.4	5.9	14.9	10.1	5.8	14.4
Kansas City Metro	445	7.1	4.2	10.0	6.9	4.0	9.8
Northeast	214	7.5	2.7	12.3	8.1	2.7	13.4
Northwest	237	7.1	2.2	11.9	6.7	2.4	11.0
Southeast	262	8.0	3.2	12.8	8.5	3.1	14.0
Southwest	286	13.2	7.2	19.2	12.9	7.4	18.4
St. Louis Metro	577	10.3	6.8	13.8	10.2	6.7	13.6
GENDER							
Female	0						
Male	2,306	9.6	7.8	11.4	9.5	7.7	11.3
RACE							
African-American	164	11.1	2.7	19.5	10.9	3.2	18.5
Other	156	9.7	0.3	19.1	7.0	1.2	12.8
White	1,967	9.5	7.7	11.2	9.6	7.8	11.4
EDUCATION							
< High School	242	11.4	5.1	17.7	12.3	5.6	19.1
High School	790	8.9	6.3	11.5	9.2	6.5	11.9
>High School	1,272	9.6	7.1	12.0	9.9	7.4	12.5
INCOME							
<\$15,000	233	16.3	9.4	23.1	14.9	8.5	21.4
\$15,000-24,999	387	7.7	4.5	10.9	7.8	4.3	11.2
\$25,000-34,999	261	8.3	3.8	12.9	9.0	4.0	13.9
\$35,000-49,999	343	11.5	5.5	17.4	13.0	6.8	19.2
\$50,000-74,999	359	9.6	5.3	13.9	9.5	5.3	13.8
≥\$75,000	456	9.4	5.3	13.5	9.1	4.8	13.3

Definition: Calculated from the responses to "During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?" AND "Considering all types of alcoholic beverages, how many times during the past 30 days did you have X [CATI X = 5 for men, X = 4 for women] or more drinks on an occasion?" AND "During the past 30 days, what is the largest number of drinks you had on any occasion?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 13 Alcohol Consumption

Table 13.3.1 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	2,307	26.1	23.4	28.8	26.7	24.0	29.4
REGION							
Central	283	26.0	19.3	32.7	25.8	19.2	32.5
Kansas City Metro	444	23.0	18.0	28.1	22.5	17.5	27.5
Northeast	216	17.7	10.5	25.0	19.5	11.8	27.1
Northwest	240	27.3	18.1	36.6	26.4	17.6	35.2
Southeast	261	17.6	11.5	23.7	19.7	12.9	26.5
Southwest	286	23.3	16.5	30.2	25.0	18.1	31.9
St. Louis Metro	577	32.4	26.8	37.9	33.4	27.8	39.0
GENDER							
Female	0						
Male	2,307	26.1	23.4	28.8	26.7	24.0	29.4
RACE							
African-American	161	21.3	11.6	30.9	20.1	11.3	29.0
Other	158	24.0	12.6	35.4	20.2	11.7	28.6
White	1,969	27.0	24.1	29.9	28.7	25.7	31.7
EDUCATION							
< High School	240	29.4	19.9	38.9	31.4	21.7	41.2
High School	786	24.5	20.3	28.6	25.5	21.2	29.8
>High School	1,277	26.1	22.7	29.5	27.3	23.8	30.7
INCOME							
<\$15,000	234	28.9	19.7	38.1	27.4	18.2	36.6
\$15,000-24,999	383	19.8	14.1	25.4	20.8	14.8	26.7
\$25,000-34,999	260	21.8	15.3	28.3	24.1	16.5	31.6
\$35,000-49,999	347	32.9	24.6	41.2	34.7	27.0	42.3
\$50,000-74,999	361	27.7	21.3	34.1	28.3	21.8	34.8
≥\$75,000	457	31.7	25.8	37.7	31.1	25.3	36.8

Definition: Calculated from the responses to “During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?” AND “One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?” AND “Considering all types of alcoholic beverages, how many times during the past 30 days did you have X [CATI X = 5 for men, X = 4 for women] or more drinks on an occasion?” AND “During the past 30 days, what is the largest number of drinks you had on any occasion?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 13 Alcohol Consumption

Table 13.3.2 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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	3,674	12.9	11.2	14.6	14.2	12.3	16.1
REGION							
Central	406	13.2	8.3	18.1	14.6	9.3	19.9
Kansas City Metro	691	16.1	12.0	20.2	18.1	13.5	22.8
Northeast	372	8.1	3.4	12.8	9.6	3.9	15.3
Northwest	374	11.3	5.8	16.7	11.5	6.0	17.1
Southeast	417	5.8	2.9	8.7	6.5	3.3	9.8
Southwest	469	7.2	4.2	10.2	7.8	4.4	11.1
St. Louis Metro	945	15.9	12.4	19.4	17.3	13.4	21.2
GENDER							
Female	3,674	12.9	11.2	14.6	14.2	12.3	16.1
Male	0						
RACE							
African-American	347	14.5	9.1	19.9	14.7	9.2	20.2
Other	207	23.4	12.4	34.4	21.4	12.9	29.9
White	3,106	12.1	10.3	13.9	13.7	11.5	15.8
EDUCATION							
< High School	378	8.2	3.9	12.5	10.3	4.4	16.2
High School	1,298	9.3	7.0	11.7	11.9	8.6	15.2
>High School	1,991	16.0	13.4	18.6	16.6	13.9	19.3
INCOME							
<\$15,000	500	13.0	8.0	17.9	13.5	7.7	19.4
\$15,000-24,999	689	13.0	9.1	16.9	15.3	10.7	20.0
\$25,000-34,999	400	8.3	4.7	12.0	9.1	4.8	13.3
\$35,000-49,999	438	13.1	7.8	18.4	15.2	9.3	21.1
\$50,000-74,999	460	10.9	6.6	15.2	10.2	6.1	14.4
≥\$75,000	524	18.8	14.2	23.5	17.2	11.8	22.6

Definition: Calculated from the responses to "During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?" AND "One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?" AND "Considering all types of alcoholic beverages, how many times during the past 30 days did you have X [CATI X = 5 for men, X = 4 for women] or more drinks on an occasion?" AND "During the past 30 days, what is the largest number of drinks you had on any occasion?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 14 Seatbelt Use

Table 14.1 Always uses a seatbelt when driving or riding in a vehicle

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	6,059	77.3	75.7	78.9	76.9	75.2	78.6
REGION							
Central	695	75.5	71.1	79.9	74.7	70.0	79.4
Kansas City Metro	1,152	80.6	77.5	83.7	80.1	76.8	83.4
Northeast	595	67.6	61.9	73.3	65.7	59.4	71.9
Northwest	624	70.1	64.0	76.1	70.8	64.7	77.0
Southeast	688	73.6	69.2	78.0	72.1	67.3	77.0
Southwest	764	75.6	71.0	80.2	75.9	71.6	80.2
St. Louis Metro	1,541	79.8	76.7	82.8	78.9	75.6	82.2
GENDER							
Female	3,706	83.8	82.0	85.6	83.4	81.5	85.3
Male	2,353	70.4	67.8	73.1	70.1	67.4	72.8
RACE							
African-American	521	76.5	71.3	81.6	77.0	72.2	81.7
Other	370	77.2	70.1	84.3	76.8	70.7	83.0
White	5,134	77.4	75.7	79.2	76.6	74.7	78.5
EDUCATION							
< High School	631	65.9	60.0	71.9	65.5	59.3	71.8
High School	2,124	75.9	73.3	78.5	74.7	71.8	77.6
>High School	3,292	81.1	79.2	83.1	80.7	78.6	82.8
INCOME							
<\$15,000	739	70.3	65.0	75.5	71.0	65.9	76.1
\$15,000-24,999	1,093	75.0	71.5	78.6	73.6	69.5	77.7
\$25,000-34,999	668	76.7	71.8	81.7	74.8	69.1	80.5
\$35,000-49,999	791	71.0	65.9	76.1	69.5	64.2	74.9
\$50,000-74,999	825	78.9	75.2	82.5	77.7	73.7	81.7
≥\$75,000	993	83.3	79.7	86.9	82.0	78.1	86.0

Definition: "Always" response to "How often do you use seat belts when you drive or ride in a car? Would you say Always, Nearly Always, Sometimes, Seldom, Never, or Never drive or ride in a car?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 14 Seatbelt Use

Table 14.2 Nearly always uses a seatbelt when driving or riding in a vehicle

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	6,059	11.7	10.4	12.9	11.8	10.5	13.1
REGION							
Central	695	9.7	7.1	12.3	9.8	7.0	12.5
Kansas City Metro	1,152	10.5	8.1	12.9	10.8	8.2	13.4
Northeast	595	17.0	13.1	20.9	18.2	13.7	22.6
Northwest	624	17.2	12.1	22.3	17.0	11.7	22.4
Southeast	688	14.2	10.9	17.6	15.1	11.3	18.9
Southwest	764	12.2	8.4	16.0	11.9	8.5	15.2
St. Louis Metro	1,541	10.8	8.4	13.2	11.2	8.6	13.7
GENDER							
Female	3,706	9.7	8.2	11.3	10.0	8.3	11.6
Male	2,353	13.8	11.8	15.7	13.9	11.8	15.9
RACE							
African-American	521	10.2	6.5	14.0	10.0	6.4	13.7
Other	370	13.0	6.6	19.4	12.3	7.0	17.5
White	5,134	11.8	10.4	13.1	12.0	10.5	13.5
EDUCATION							
< High School	631	13.9	9.5	18.3	13.1	9.0	17.1
High School	2,124	12.4	10.3	14.5	13.0	10.6	15.4
>High School	3,292	10.7	9.1	12.2	10.9	9.1	12.6
INCOME							
<\$15,000	739	13.6	9.4	17.7	13.8	9.6	17.9
\$15,000-24,999	1,093	11.2	8.8	13.6	11.7	8.9	14.5
\$25,000-34,999	668	11.0	7.3	14.7	11.1	6.7	15.5
\$35,000-49,999	791	16.4	12.6	20.2	17.1	13.0	21.3
\$50,000-74,999	825	11.9	9.1	14.6	12.0	9.1	14.8
≥\$75,000	993	10.3	7.1	13.5	11.1	7.6	14.7

Definition: "Nearly Always" response to the question "How often do you use seat belts when you drive or ride in a car? Would you say Always, Nearly Always, Sometimes, Seldom, Never, or Never drive or ride in a car?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 14 Seatbelt Use

Table 14.3 Sometimes uses a seatbelt when driving or riding in a vehicle

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	6,059	5.3	4.4	6.1	5.5	4.5	6.5
REGION							
Central	695	6.6	4.2	9.1	7.0	4.3	9.7
Kansas City Metro	1,152	4.7	2.8	6.6	4.8	2.9	6.7
Northeast	595	7.3	3.4	11.2	8.2	3.8	12.5
Northwest	624	3.3	1.0	5.6	3.5	0.9	6.1
Southeast	688	6.5	3.5	9.4	6.9	3.6	10.3
Southwest	764	4.9	2.9	6.8	5.2	2.9	7.4
St. Louis Metro	1,541	5.0	3.3	6.6	5.4	3.4	7.4
GENDER							
Female	3,706	3.6	2.7	4.4	3.7	2.8	4.6
Male	2,353	7.1	5.5	8.7	7.3	5.6	9.1
RACE							
African-American	521	9.5	6.0	12.9	9.5	6.2	12.9
Other	370	4.9	2.0	7.8	4.6	2.3	6.9
White	5,134	4.8	3.8	5.7	5.0	3.9	6.2
EDUCATION							
< High School	631	9.4	5.5	13.3	10.5	5.8	15.1
High School	2,124	5.4	4.2	6.7	5.9	4.3	7.4
>High School	3,292	4.1	3.1	5.1	4.2	3.1	5.4
INCOME							
<\$15,000	739	9.3	5.9	12.7	9.2	6.0	12.5
\$15,000-24,999	1,093	6.2	4.4	8.0	6.3	4.2	8.3
\$25,000-34,999	668	6.1	3.4	8.8	6.8	3.6	10.0
\$35,000-49,999	791	5.7	2.4	9.0	6.5	2.7	10.3
\$50,000-74,999	825	4.0	2.1	5.9	4.0	2.1	5.8
≥\$75,000	993	3.2	1.6	4.9	3.3	1.5	5.2

Definition: "Sometimes" response to the question "How often do you use seat belts when you drive or ride in a car? Would you say Always, Nearly Always, Sometimes, Seldom, Never, or Never drive or ride in a car?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 14 Seatbelt Use

Table 14.4 Seldom uses a seatbelt when driving or riding in a vehicle

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	6,059	2.9	2.2	3.6	3.0	2.3	3.6
REGION							
Central	695	3.6	1.1	6.2	3.7	1.3	6.2
Kansas City Metro	1,152	2.3	1.3	3.4	2.4	1.2	3.5
Northeast	595	5.7	2.3	9.1	5.9	2.3	9.5
Northwest	624	5.4	1.8	9.0	5.0	2.1	7.9
Southeast	688	3.5	1.6	5.4	3.5	1.4	5.5
Southwest	764	2.8	1.3	4.4	2.7	1.2	4.2
St. Louis Metro	1,541	2.2	1.0	3.5	2.3	1.1	3.6
GENDER							
Female	3,706	1.3	0.8	1.9	1.3	0.7	1.9
Male	2,353	4.6	3.3	5.8	4.6	3.4	5.9
RACE							
African-American	521	1.8	0.2	3.4	1.6	0.3	2.9
Other	370	2.3	0.2	4.4	2.7	0.2	5.3
White	5,134	3.1	2.3	3.9	3.3	2.4	4.1
EDUCATION							
< High School	631	5.6	2.4	8.7	5.5	2.2	8.8
High School	2,124	3.2	2.1	4.4	3.2	2.0	4.3
>High School	3,292	2.0	1.4	2.6	2.0	1.4	2.7
INCOME							
<\$15,000	739	2.9	1.1	4.6	2.4	1.0	3.9
\$15,000-24,999	1,093	3.9	2.0	5.8	4.3	2.2	6.5
\$25,000-34,999	668	3.1	1.0	5.1	3.4	1.0	5.8
\$35,000-49,999	791	4.2	1.3	7.1	3.9	1.3	6.5
\$50,000-74,999	825	2.9	1.4	4.4	3.6	1.6	5.6
≥\$75,000	993	1.8	0.9	2.8	2.1	1.1	3.2

Definition: "Seldom" response to the question "How often do you use seat belts when you drive or ride in a car? Would you say Always, Nearly Always, Sometimes, Seldom, Never, or Never drive or ride in a car?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 14 Seatbelt Use

Table 14.5 Never uses a seatbelt when driving or riding in a vehicle

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	6,059	2.9	2.2	3.5	2.9	2.2	3.5
REGION							
Central	695	4.5	2.2	6.9	4.8	1.8	7.7
Kansas City Metro	1,152	1.9	0.9	2.8	1.9	0.9	2.9
Northeast	595	2.4	0.4	4.4	2.1	0.4	3.9
Northwest	624	4.1	1.6	6.5	3.7	1.6	5.8
Southeast	688	2.2	1.1	3.4	2.4	1.0	3.9
Southwest	764	4.5	2.0	7.0	4.4	2.0	6.8
St. Louis Metro	1,541	2.3	1.4	3.1	2.3	1.4	3.2
GENDER							
Female	3,706	1.7	1.1	2.2	1.6	1.1	2.2
Male	2,353	4.2	3.0	5.3	4.1	3.0	5.3
RACE							
African-American	521	2.1	0.6	3.5	1.9	0.6	3.2
Other	370	2.7	0.7	4.6	3.6	0.9	6.2
White	5,134	3.0	2.3	3.7	3.1	2.3	3.9
EDUCATION							
< High School	631	5.3	2.5	8.0	5.5	2.5	8.5
High School	2,124	3.0	2.1	4.0	3.3	2.2	4.3
>High School	3,292	2.1	1.4	2.8	2.2	1.4	3.0
INCOME							
<\$15,000	739	4.0	2.2	5.9	3.5	2.1	5.0
\$15,000-24,999	1,093	3.8	2.0	5.5	4.1	2.1	6.2
\$25,000-34,999	668	3.1	0.9	5.4	3.9	0.5	7.2
\$35,000-49,999	791	2.7	1.1	4.4	2.9	1.2	4.7
\$50,000-74,999	825	2.4	1.0	3.8	2.8	1.1	4.6
≥\$75,000	993	1.4	0.4	2.3	1.4	0.5	2.3

Definition: "Never" response to the question "How often do you use seat belts when you drive or ride in a car? Would you say Always, Nearly Always, Sometimes, Seldom, Never, or Never drive or ride in a car?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.1.1 Age 18 and older: Had either a seasonal flu shot or a seasonal flu vaccine sprayed in your nose 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	6,054	37.8	36.1	39.5	36.8	35.1	38.6
REGION							
Central	696	37.2	32.7	41.7	35.9	31.5	40.4
Kansas City Metro	1,151	35.5	32.1	39.0	34.9	31.4	38.5
Northeast	596	41.3	35.6	47.1	39.9	34.1	45.8
Northwest	623	34.7	29.4	40.0	33.9	28.7	39.1
Southeast	683	36.5	32.1	40.8	34.1	29.6	38.5
Southwest	765	37.5	33.1	41.9	35.7	31.4	40.1
St. Louis Metro	1,540	39.8	36.4	43.2	39.2	35.7	42.8
GENDER							
Female	3,704	41.3	39.0	43.6	39.5	37.1	42.0
Male	2,350	34.1	31.5	36.7	34.1	31.5	36.6
RACE							
African-American	523	31.9	25.9	37.8	33.5	27.4	39.6
Other	370	33.8	26.1	41.5	36.7	30.1	43.4
White	5,126	38.9	37.0	40.7	37.2	35.2	39.1
EDUCATION							
< High School	630	33.0	27.5	38.4	29.7	24.2	35.3
High School	2,120	35.0	32.3	37.8	32.2	29.3	35.0
>High School	3,292	40.7	38.4	43.0	40.7	38.4	43.1
INCOME							
<\$15,000	744	34.3	29.1	39.4	36.3	30.9	41.7
\$15,000-24,999	1,092	35.3	31.4	39.2	32.3	27.9	36.7
\$25,000-34,999	668	36.5	31.7	41.4	33.5	28.4	38.6
\$35,000-49,999	791	37.4	32.7	42.1	35.5	31.0	40.0
\$50,000-74,999	823	34.1	29.9	38.3	33.4	29.1	37.7
≥\$75,000	991	42.8	38.6	46.9	45.3	40.8	49.8

Definition: Age 18 and older: "Yes" response to the question "During the past 12 months, have you had a seasonal flu shot?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.1.2 Age 65 and older: Had a seasonal flu shot or flu vaccine sprayed in your nose in past 12 months

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	2,050	63.1	60.4	65.8
REGION				
Central	238	66.2	59.5	72.9
Kansas City Metro	380	60.1	54.6	65.7
Northeast	251	61.2	54.6	67.9
Northwest	242	59.6	52.2	67.1
Southeast	253	63.8	57.0	70.6
Southwest	259	61.8	55.1	68.5
St. Louis Metro	427	64.9	59.1	70.7
GENDER				
Female	1,338	62.8	59.5	66.2
Male	712	63.5	58.9	68.0
RACE				
African-American	147	51.2	39.5	62.9
Other	101	63.5	51.8	75.2
White	1,785	64.1	61.2	67.0
EDUCATION				
< High School	313	60.1	53.0	67.1
High School	829	61.5	57.3	65.7
>High School	904	66.0	62.0	70.0
INCOME				
<\$15,000	258	59.5	51.5	67.5
\$15,000-24,999	469	60.7	54.9	66.5
\$25,000-34,999	263	61.1	53.4	68.9
\$35,000-49,999	256	66.8	59.4	74.2
\$50,000-74,999	169	53.6	44.3	62.9
≥\$75,000	131	68.6	58.0	79.3

Definition: Ages 65 and older: "Yes" response to the question "During the past 12 months, have you had either a seasonal flu shot or a seasonal flu vaccine that was sprayed in your nose?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.2.1 Had last flu shot at a private doctor or HMO office, health department, hospital or emergency room

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	2,727	53.7	51.0	56.5	52.8	49.4	56.1
REGION							
Central	333	58.9	52.0	65.8	59.1	49.7	68.5
Kansas City Metro	500	50.8	45.0	56.5	52.7	46.0	59.4
Northeast	287	66.9	58.2	75.6	63.1	51.6	74.6
Northwest	283	57.5	49.0	66.0	54.3	43.6	65.0
Southeast	307	65.6	59.1	72.1	58.9	50.2	67.5
Southwest	339	56.5	49.5	63.5	52.4	43.9	60.9
St. Louis Metro	678	47.6	42.2	53.1	49.3	43.3	55.4
GENDER							
Female	1,759	56.5	53.1	59.8	57.8	54.0	61.6
Male	968	50.2	45.7	54.6	46.8	41.4	52.2
RACE							
African-American	184	71.1	61.8	80.4	70.9	61.0	80.8
Other	152	65.4	53.3	77.5	64.2	53.4	75.0
White	2,378	51.2	48.3	54.0	50.1	46.5	53.7
EDUCATION							
< High School	268	71.0	63.0	79.1	74.0	63.3	84.7
High School	903	59.7	55.2	64.3	59.5	53.0	66.0
>High School	1,550	47.0	43.4	50.5	46.8	42.5	51.1
INCOME							
<\$15,000	305	74.3	67.4	81.2	75.3	67.4	83.2
\$15,000-24,999	467	65.0	58.7	71.2	64.9	56.5	73.3
\$25,000-34,999	292	56.8	49.4	64.3	54.5	44.0	64.9
\$35,000-49,999	355	46.2	38.9	53.5	47.7	39.1	56.3
\$50,000-74,999	356	46.8	39.6	53.9	48.8	40.3	57.3
≥\$75,000	471	39.7	33.3	46.1	42.2	35.4	48.9

Definition: "Yes" response to "During the past 12 months, have you had either a seasonal flu shot or a seasonal flu vaccine that was sprayed in your nose?" AND "At a doctor's office or health maintenance organization (HMO)" or "a health department" or "a hospital (Example: inpatient)" or "an emergency room" responses to the question "At what kind of place did you get your last flu shot or vaccine? A doctor's office or health maintenance organization (HMO), health department, another type of clinic or health center (Example: a community health center), senior, recreation, or community center, store (Examples: supermarket, drug store), hospital (Example: inpatient), emergency room, workplace, some other kind of place, received vaccination in Canada, Mexico or school."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.2.2 Had last flu shot at a senior, recreation, or community center or workplace

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	2,727	39.9	37.3	42.6	39.7	36.6	42.9
REGION							
Central	333	34.0	27.5	40.5	33.4	24.5	42.4
Kansas City Metro	500	45.4	39.8	51.1	43.8	37.2	50.4
Northeast	287	25.3	17.1	33.5	28.0	17.1	39.0
Northwest	283	34.9	26.7	43.0	36.2	25.3	47.1
Southeast	307	27.9	21.9	33.9	34.4	26.1	42.6
Southwest	339	38.2	31.5	45.0	40.6	32.4	48.7
St. Louis Metro	678	44.8	39.6	50.1	42.3	36.7	47.9
GENDER							
Female	1,759	38.7	35.5	42.0	37.1	33.5	40.6
Male	968	41.5	37.1	45.9	43.0	37.6	48.3
RACE							
African-American	184	23.1	14.8	31.5	22.9	13.8	31.9
Other	152	28.6	17.2	40.0	30.9	20.6	41.2
White	2,378	42.4	39.6	45.2	42.2	38.7	45.7
EDUCATION							
< High School	268	22.4	15.1	29.8	22.1	11.7	32.5
High School	903	35.0	30.6	39.4	34.0	28.0	39.9
High School +	1,550	46.2	42.6	49.7	45.2	41.0	49.4
INCOME							
<\$15,000	305	19.4	13.1	25.8	18.5	11.4	25.5
\$15,000-24,999	467	27.3	21.7	33.0	23.4	16.7	30.1
\$25,000-34,999	292	38.6	31.4	45.8	40.4	30.5	50.4
\$35,000-49,999	355	46.6	39.2	54.0	43.5	34.7	52.2
\$50,000-74,999	356	47.4	40.3	54.4	43.6	36.5	50.7
\$75,000+	471	53.8	47.4	60.3	51.4	44.5	58.4

Definition: "Yes" response to "During the past 12 months, have you had either a seasonal flu shot or a seasonal flu vaccine that was sprayed in your nose?" AND "At a senior, recreation, or community center or workplace" responses to the question "At what kind of place did you get your last flu shot or vaccine? A doctor's office or health maintenance organization (HMO), health department, another type of clinic or health center (Example: a community health center), senior, recreation, or community center, store (Examples: supermarket, drug store), hospital (Example: inpatient), emergency room, workplace, some other kind of place, received vaccination in Canada, Mexico or school."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.2.3 Had last flu shot at some other kind of place

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	2,727	6.4	4.9	7.8	7.5	5.4	9.6
REGION							
Central	333	7.1	3.3	11.0	7.5	2.7	12.3
Kansas City Metro	500	3.8	2.1	5.6	3.6	1.6	5.5
Northeast	287	7.9	2.5	13.2	8.9	1.4	16.4
Northwest	283	7.7	2.2	13.2	9.5	3.0	16.0
Southeast	307	6.5	2.8	10.2	6.8	1.8	11.8
Southwest	339	5.3	2.1	8.4	7.0	2.5	11.6
St. Louis Metro	678	7.5	4.3	10.7	8.4	4.4	12.4
GENDER							
Female	1,759	4.8	3.2	6.4	5.2	3.1	7.2
Male	968	8.4	5.7	11.0	10.3	6.6	14.0
RACE							
African-American	184	5.8	0.9	10.6	6.3	1.2	11.3
Other	152	6.0	0.3	11.8	4.9	0.8	9.1
White	2,378	6.5	4.9	8.1	7.7	5.4	10.0
EDUCATION							
< High School	268	6.5	2.4	10.6	3.9	1.0	6.8
High School	903	5.3	3.2	7.4	6.6	2.9	10.2
High School +	1,550	6.9	4.8	9.0	8.0	5.3	10.8
INCOME							
<\$15,000	305	6.3	3.2	9.4	6.3	2.5	10.0
\$15,000-24,999	467	7.7	4.2	11.2	11.7	6.0	17.5
\$25,000-34,999	292	4.6	1.3	7.9	5.1	0.6	9.6
\$35,000-49,999	355	7.2	1.9	12.5	8.8	2.2	15.4
\$50,000-74,999	356	5.9	2.5	9.3	7.6	1.8	13.4
\$75,000+	471	6.5	2.7	10.3	6.4	2.7	10.1

Definition: "Yes" response to the question "During the past 12 months, have you had either a seasonal flu shot or a seasonal flu vaccine that was sprayed in your nose?" AND "At some other kind of place (school, Canada, Mexico or other)" response to the question "At what kind of place did you get your last flu shot or vaccine? A doctor's office or health maintenance organization (HMO), health department, another type of clinic or health center (Example: a community health center), senior, recreation, or community center, store (Examples: supermarket, drug store), hospital (Example: inpatient), emergency room, workplace, some other kind of place, received vaccination in Canada, Mexico or school."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 15 Adult Immunization

Table 15.3 Age 65 and older: Ever had pneumonia vaccination

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,995	71.7	69.1	74.3
REGION				
Central	229	71.6	65.1	78.1
Kansas City Metro	366	74.8	69.8	79.8
Northeast	245	63.3	56.5	70.0
Northwest	233	67.6	60.2	75.1
Southeast	246	68.0	60.9	75.2
Southwest	257	72.5	66.3	78.7
St. Louis Metro	419	72.6	67.0	78.2
GENDER				
Female	1,309	72.4	69.3	75.4
Male	686	70.8	66.3	75.3
RACE				
African-American	143	62.9	52.0	73.9
Other	98	65.5	53.8	77.2
White	1,737	72.6	69.9	75.4
EDUCATION				
< High School	307	64.9	57.6	72.2
High School	806	72.9	69.2	76.7
>High School	879	74.0	70.2	77.8
INCOME				
<\$15,000	252	69.4	61.4	77.4
\$15,000-24,999	457	70.0	64.2	75.8
\$25,000-34,999	257	75.5	68.6	82.3
\$35,000-49,999	253	75.0	68.7	81.3
\$50,000-74,999	165	71.6	62.6	80.6
≥\$75,000	126	73.2	63.1	83.4

Definition: Age 65 and older: "Yes" response to "Have you ever had a pneumonia shot?" AND "65 or greater" response to "What is your age?"
 Note: A pneumonia shot or pneumococcal vaccine is usually given only once or twice in a person's lifetime and is different from the flu shot."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 16 HIV Testing

Table 16.1 Age 64 and Younger: 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	3,865	38.3	36.2	40.4	33.3	31.5	35.1
REGION							
Central	441	38.1	32.2	44.0	32.7	27.7	37.8
Kansas City Metro	747	39.8	35.5	44.2	33.8	30.2	37.5
Northeast	333	27.4	20.9	34.0	25.3	19.8	30.9
Northwest	369	39.2	32.0	46.5	34.4	28.5	40.2
Southeast	415	36.6	30.8	42.5	32.3	27.3	37.3
Southwest	488	33.0	27.8	38.1	30.0	25.6	34.3
St. Louis Metro	1,072	41.2	37.2	45.3	35.4	31.8	38.9
GENDER							
Female	2,293	40.1	37.2	42.9	35.4	33.0	37.8
Male	1,572	36.5	33.4	39.6	21.6	19.7	23.5
RACE							
African-American	364	71.0	64.9	77.0	59.9	55.1	64.7
Other	254	40.9	31.8	49.9	35.4	28.1	42.6
White	3,233	33.6	31.4	35.8	29.7	27.8	31.6
EDUCATION							
< High School	309	45.0	37.3	52.8	39.0	32.7	45.3
High School	1,250	35.5	32.0	39.0	33.2	30.1	36.3
>High School	2,302	38.3	35.6	41.0	32.6	30.3	34.9
INCOME							
<\$15,000	471	53.1	46.4	59.9	46.1	40.8	51.4
\$15,000-24,999	605	51.1	45.8	56.3	44.3	40.0	48.6
\$25,000-34,999	393	45.8	39.0	52.7	39.8	33.9	45.6
\$35,000-49,999	515	32.5	26.5	38.5	28.0	22.7	33.2
\$50,000-74,999	642	33.6	28.6	38.6	29.1	24.4	33.8
≥\$75,000	832	32.4	28.3	36.6	27.3	23.9	30.7

Definition: 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 - 2011

Chapter 16 HIV Testing

Table 16.3 Age 64 and Younger: At risk for HIV infection

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	3,926	3.8	3.0	4.6	3.3	2.6	3.9
REGION							
Central	452	2.6	1.0	4.3	2.3	0.9	3.7
Kansas City Metro	757	4.2	2.5	5.8	3.5	2.1	5.0
Northeast	337	2.8	0.0	6.0	2.2	0.0	4.5
Northwest	374	6.2	2.2	10.2	4.9	1.8	7.9
Southeast	425	3.8	1.1	6.5	2.7	0.9	4.5
Southwest	494	4.9	2.4	7.4	4.3	2.0	6.6
St. Louis Metro	1,087	3.4	2.1	4.7	2.8	1.8	3.9
GENDER							
Female	2,325	3.3	2.4	4.3	2.9	2.1	3.8
Male	1,601	4.3	3.1	5.5	2.0	1.4	2.7
RACE							
African-American	365	8.1	4.4	11.8	6.1	3.4	8.8
Other	264	3.4	1.3	5.5	2.8	1.1	4.5
White	3,283	3.2	2.4	4.0	2.8	2.1	3.5
EDUCATION							
< High School	312	6.7	3.5	10.0	5.9	3.0	8.7
High School	1,271	3.6	2.3	4.9	3.2	2.0	4.4
>High School	2,339	3.3	2.3	4.2	2.8	2.0	3.7
INCOME							
<\$15,000	479	10.2	6.3	14.1	7.8	4.9	10.7
\$15,000-24,999	612	5.6	3.3	7.9	4.6	2.6	6.6
\$25,000-34,999	401	5.1	2.1	8.2	4.1	1.8	6.5
\$35,000-49,999	527	2.5	0.9	4.2	2.3	0.6	4.1
\$50,000-74,999	646	1.7	0.6	2.9	1.7	0.5	2.9
≥\$75,000	850	2.2	0.9	3.5	2.2	0.9	3.5

Definition: Age 64 and younger: "Yes" response to the question "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. You have used intravenous drugs in the past year, You have been treated for a sexually transmitted or venereal disease in the past year, You have given or received money or drugs in exchange for sex in the past year, 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 - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.1 Ever told by a health professional about ways to prepare for a healthy pregnancy and baby

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	588	41.5	36.4	46.7
REGION				
Central	56	44.7	29.1	60.4
Kansas City Metro	114	38.0	27.7	48.3
Northeast	55	44.3	28.3	60.3
Northwest	59	41.2	26.0	56.5
Southeast	71	40.8	27.6	54.0
Southwest	65	46.7	31.7	61.6
St. Louis Metro	168	40.5	31.0	50.1
GENDER				
Female	588	41.5	36.4	46.7
Male	0			
RACE				
African-American	66	40.8	25.6	56.0
Other	39	--	--	--
White	478	43.2	37.5	48.9
EDUCATION				
< High School	37	--	--	--
High School	153	50.0	39.7	60.3
>High School	395	39.4	33.2	45.6
INCOME				
<\$15,000	71	42.1	26.0	58.2
\$15,000-24,999	84	43.6	29.4	57.8
\$25,000-34,999	50	43.1	25.0	61.1
\$35,000-49,999	67	36.3	21.1	51.4
\$50,000-74,999	87	44.9	31.4	58.4
≥\$75,000	143	47.2	36.7	57.8

Definition: Females age 44 and younger: "Yes" response to the question "Has a doctor, nurse, or other health care worker ever talked with you about ways to prepare for a healthy pregnancy and baby?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.2 Ever been pregnant

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	590	69.9	64.2	75.5
REGION				
Central	55	78.2	64.7	91.6
Kansas City Metro	116	72.5	61.3	83.7
Northeast	55	76.5	60.4	92.5
Northwest	59	63.7	45.3	82.0
Southeast	72	76.7	64.2	89.2
Southwest	66	77.6	61.3	93.9
St. Louis Metro	167	61.1	50.2	72.1
GENDER				
Female	590	69.9	64.2	75.5
Male	0			
RACE				
African-American	67	68.1	52.1	84.0
Other	39	--	--	--
White	479	70.5	64.3	76.7
EDUCATION				
< High School	38	--	--	--
High School	153	68.2	58.1	78.3
>High School	396	69.9	62.9	76.9
INCOME				
<\$15,000	71	73.0	54.4	91.5
\$15,000-24,999	85	87.1	78.7	95.6
\$25,000-34,999	49	--	--	--
\$35,000-49,999	67	66.7	51.2	82.2
\$50,000-74,999	88	68.4	54.3	82.5
≥\$75,000	143	72.9	61.6	84.2

Definition: Females age 44 and younger: "Yes" response to the question "Have you ever been pregnant?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.3.1 Husband or partner did something to keep from getting pregnant last time had sex

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	582	51.9	46.4	57.3
REGION				
Central	54	50.2	34.2	66.3
Kansas City Metro	116	55.0	44.2	65.8
Northeast	54	56.9	41.1	72.8
Northwest	58	57.2	41.5	72.9
Southeast	72	52.2	38.5	65.8
Southwest	65	68.5	55.1	81.9
St. Louis Metro	163	43.2	33.0	53.4
GENDER				
Female	582	51.9	46.4	57.3
Male	0			
RACE				
African-American	67	43.9	27.7	60.1
Other	39	--	--	--
White	473	53.0	47.1	59.0
EDUCATION				
< High School	38	--	--	--
High School	153	48.1	37.7	58.4
>High School	389	51.0	44.3	57.8
INCOME				
<\$15,000	71	56.3	38.8	73.7
\$15,000-24,999	85	39.1	25.6	52.6
\$25,000-34,999	48	--	--	--
\$35,000-49,999	67	50.7	35.2	66.1
\$50,000-74,999	87	49.9	36.2	63.6
≥\$75,000	144	53.3	42.6	64.1

Definition: Females age 44 and younger: "Yes" response to the question "Did you or your husband or partner do anything the last time you had sex to keep you from getting pregnant? Yes, No, No partner or not sexually active, Same sex partner."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger
Table 17.3.2 Husband or partner did nothing to keep from getting pregnant last time had sex
 Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	582	51.9	46.4	57.3
REGION				
Central	54	50.2	34.2	66.3
Kansas City Metro	116	55.0	44.2	65.8
Northeast	54	56.9	41.1	72.8
Northwest	58	57.2	41.5	72.9
Southeast	72	52.2	38.5	65.8
Southwest	65	68.5	55.1	81.9
St. Louis Metro	163	43.2	33.0	53.4
GENDER				
Female	582	51.9	46.4	57.3
Male	0			
RACE				
African-American	67	43.9	27.7	60.1
Other	39	--	--	--
White	473	53.0	47.1	59.0
EDUCATION				
< High School	38	--	--	--
High School	153	48.1	37.7	58.4
>High School	389	51.0	44.3	57.8
INCOME				
<\$15,000	71	56.3	38.8	73.7
\$15,000-24,999	85	39.1	25.6	52.6
\$25,000-34,999	48	--	--	--
\$35,000-49,999	67	50.7	35.2	66.1
\$50,000-74,999	87	49.9	36.2	63.6
≥\$75,000	144	53.3	42.6	64.1

Definition: Females age 44 and younger: "No" response to the question "Did you or your husband or partner do anything the last time you had sex to keep you from getting pregnant? Yes, No, No partner or not sexually active, Same sex partner."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.3.3 No partner, not sexually active or same sex partner

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	579	11.4	7.3	15.5
REGION				
Central	54	14.2	2.5	25.9
Kansas City Metro	116	12.1	5.0	19.1
Northeast	54	11.5	1.1	24.0
Northwest	58	6.6	0.0	13.2
Southeast	71	6.5	0.3	12.6
Southwest	64	7.7	1.0	14.3
St. Louis Metro	162	13.4	4.3	22.6
GENDER				
Female	579	11.4	7.3	15.5
Male	0			
RACE				
African-American	66	24.9	6.8	42.9
Other	38	--	--	--
White	472	9.9	5.8	14.0
EDUCATION				
< High School	38	--	--	--
High School	151	14.2	6.2	22.1
>High School	388	10.0	5.0	14.9
INCOME				
<\$15,000	71	6.8	0.8	12.8
\$15,000-24,999	85	13.4	0.9	26.0
\$25,000-34,999	48	--	--	--
\$35,000-49,999	67	4.4	0.0	9.9
\$50,000-74,999	86	15.5	2.7	28.4
≥\$75,000	144	13.3	3.3	23.4

Definition: Females age 44 and younger: "No partner," "Not sexually active or Same sex partner" responses to the question "Did you or your husband or partner do anything the last time you had sex to keep you from getting pregnant? Yes, No, No partner or not sexually active, Same sex partner."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.4.1 Used male, female sterilization or other surgical procedure to keep from getting pregnant last time had sex

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	284	38.7	31.4	46.0
REGION				
Central	28	--	--	--
Kansas City Metro	58	38.6	24.5	52.8
Northeast	27	--	--	--
Northwest	26	--	--	--
Southeast	36	--	--	--
Southwest	36	--	--	--
St. Louis Metro	73	38.5	23.5	53.5
GENDER				
Female	284	38.7	31.4	46.0
Male	0			
RACE				
African-American	31	--	--	--
Other	16	--	--	--
White	237	40.8	32.8	48.8
EDUCATION				
< High School	21	--	--	--
High School	63	34.9	20.8	49.1
>High School	200	42.3	33.4	51.2
INCOME				
<\$15,000	36	--	--	--
\$15,000-24,999	31	--	--	--
\$25,000-34,999	25	--	--	--
\$35,000-49,999	32	--	--	--
\$50,000-74,999	47	--	--	--
≥\$75,000	78	43.8	30.1	57.5

Definition: Females age 44 and younger: "Female sterilization (ex. tubal ligation, Essure, Adiana)," "Male sterilization (vasectomy)," "Contraceptive implant (ex. Implanon)," "Levonorgestrel (LNG) or hormonal IUD(ex. Mirena)," "Copper-bearing IUD (ex. ParaGard)," "IUD, type unknown" responses to "What did you or your husband or partner do the last time you had sex to keep you from getting pregnant?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.4.2 Used shots, birth control pills, contraceptive patch or ring, male and female condoms, and other methods to keep from getting pregnant last time had sex

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	284	61.3	54.0	68.6
REGION				
Central	28	--	--	--
Kansas City Metro	58	61.4	47.3	75.5
Northeast	27	--	--	--
Northwest	26	--	--	--
Southeast	36	--	--	--
Southwest	36	--	--	--
St. Louis Metro	73	61.5	46.5	76.5
GENDER				
Female	284	61.3	54.0	68.6
Male	0			
RACE				
African-American	31	--	--	--
Other	16	--	--	--
White	237	59.2	51.2	67.2
EDUCATION				
< High School	21	--	--	--
High School	63	65.1	50.9	79.2
>High School	200	57.7	48.8	66.7
INCOME				
<\$15,000	36	--	--	--
\$15,000-24,999	31	--	--	--
\$25,000-34,999	25	--	--	--
\$35,000-49,999	32	--	--	--
\$50,000-74,999	47	--	--	--
≥\$75,000	78	56.2	42.5	69.9

Definition: Females age 44 and younger: "Shots," "Birth control pills," "Contraceptive patch or ring," "Male condoms," "Diaphragm, cervical cap, sponge," "Female condoms," "Not having sex at certain times," "Withdrawal (or pulling out)," "Foam, jelly, film, or cream," "Emergency contraception," "Other method" responses to "What did you or your husband or partner do the last time you had sex to keep you from getting pregnant?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger
Table 17.5.1 Reasons for not doing anything to prevent pregnancy: Didn't think going to have sex, didn't think about it, want a pregnancy, etc
 Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	203	50.8	42.2	59.3
REGION				
Central	18	--	--	--
Kansas City Metro	38	--	--	--
Northeast	18	--	--	--
Northwest	21	--	--	--
Southeast	27	--	--	--
Southwest	19	--	--	--
St. Louis Metro	62	58.1	43.4	72.7
GENDER				
Female	203	50.8	42.2	59.3
Male	0			
RACE				
African-American	23	--	--	--
Other	14	--	--	--
White	165	48.7	39.3	58.1
EDUCATION				
< High School	9	--	--	--
High School	60	59.9	44.4	75.4
>High School	133	47.2	36.5	58.0
INCOME				
<\$15,000	23	--	--	--
\$15,000-24,999	39	--	--	--
\$25,000-34,999	15	--	--	--
\$35,000-49,999	25	--	--	--
\$50,000-74,999	31	--	--	--
≥\$75,000	48	--	--	--

Definition: Females age 44 and younger: "Didn't think you were going to have sex/no regular partner," "Just didn't think about it/don't care if get pregnant," "Want a pregnancy," "Self or partner don't want to use birth control," "Self or partner don't like birth control/side effects," "Had a problem getting birth control when needed it," "Religious reasons," "Lapse in use of a method," "Don't think self or partner can get pregnant (infertile or too old)" responses to "What was your main reason for not doing anything the last time you had sex to keep you from getting pregnant?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.5.2 Reasons for not doing anything to prevent pregnancy: Sterilization, breast-feeding, have a baby, now pregnant, other

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	203	47.9	39.4	56.4
REGION				
Central	18	--	--	--
Kansas City Metro	38	--	--	--
Northeast	18	--	--	--
Northwest	21	--	--	--
Southeast	27	--	--	--
Southwest	19	--	--	--
St. Louis Metro	62	41.9	27.3	56.6
GENDER				
Female	203	47.9	39.4	56.4
Male	0			
RACE				
African-American	23	--	--	--
Other	14	--	--	--
White	165	49.7	40.3	59.1
EDUCATION				
< High School	9	54.0	18.7	89.4
High School	60	35.6	21.4	49.7
>High School	133	52.8	42.0	63.5
INCOME				
<\$15,000	23	--	--	--
\$15,000-24,999	39	--	--	--
\$25,000-34,999	15	--	--	--
\$35,000-49,999	25	--	--	--
\$50,000-74,999	31	--	--	--
≥\$75,000	48	--	--	--

Definition: Females age 44 and younger: "You had tubes tied (sterilization)," "You had a hysterectomy," "Your partner had a vasectomy (sterilization)," "You are currently breast-feeding," "You just had a baby or postpartum," "You are pregnant now," "Same sex partner," "Other reason" responses to "What was your main reason for not doing anything the last time you had sex to keep you from getting pregnant?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.6.1 Don't want to have a child now or sometime in the future

Prevalence with 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	376	38.2	31.9	44.6
REGION				
Central	41	--	--	--
Kansas City Metro	74	45.4	32.1	58.7
Northeast	35	--	--	--
Northwest	34	--	--	--
Southeast	42	--	--	--
Southwest	38	--	--	--
St. Louis Metro	112	35.3	23.5	47.0
GENDER				
Female	376	38.2	31.9	44.6
Male	0			
RACE				
African-American	48	--	--	--
Other	31	--	--	--
White	296	37.7	30.9	44.5
EDUCATION				
< High School	24	--	--	--
High School	96	29.4	19.0	39.8
>High School	255	42.5	34.7	50.2
INCOME				
<\$15,000	47	--	--	--
\$15,000-24,999	54	39.3	20.7	57.8
\$25,000-34,999	26	--	--	--
\$35,000-49,999	44	--	--	--
\$50,000-74,999	52	43.2	26.1	60.3
≥\$75,000	95	52.5	38.6	66.3

Definition: Females age 44 and younger: "Don't want to have one," "Want to have one, less than 12 months from now," "Want to have one, between 12 months to less than 2 years from now" responses to "How do you feel about having a child now or sometime in the future? Would you say: You don't want to have one, you do want to have one, less than 12 months from now, you do want to have one, between 12 months to less than 2 years from now, you do want to have one, between 2 years to less than 5 years from now, you do want to have one, 5 or more years from now."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.6.2 Want to have a child from now to less than 2 years

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	376	23.1	17.1	29.1
REGION				
Central	41	--	--	--
Kansas City Metro	74	9.1	2.0	16.2
Northeast	35	--	--	--
Northwest	34	--	--	--
Southeast	42	--	--	--
Southwest	38	--	--	--
St. Louis Metro	112	25.7	14.9	36.5
GENDER				
Female	376	23.1	17.1	29.1
Male	0			
RACE				
African-American	48	--	--	--
Other	31	--	--	--
White	296	23.2	16.2	30.3
EDUCATION				
< High School	24	--	--	--
High School	96	20.8	10.7	30.8
>High School	255	24.1	17.4	30.7
INCOME				
<\$15,000	47	--	--	--
\$15,000-24,999	54	26.6	11.3	42.0
\$25,000-34,999	26	--	--	--
\$35,000-49,999	44	--	--	--
\$50,000-74,999	52	24.6	10.4	38.8
≥\$75,000	95	16.1	8.5	23.7

Definition: Females age 44 and younger: "Want to have one, less than 12 months from now," "Want to have one, between 12 months to less than 2 years from now" responses to the question "How do you feel about having a child now or sometime in the future? Would you say: you don't want to have one, you do want to have one, less than 12 months from now, you do want to have one, between 12 months to less than 2 years from now, you do want to have one, between 2 years to less than 5 years from now, you do want to have one, 5 or more years from now."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.6.3 Want to have U/W JX between 2 to 5 years or more from now

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	376	38.6	31.4	45.9
REGION				
Central	41	--	--	--
Kansas City Metro	74	45.5	31.3	59.7
Northeast	35	--	--	--
Northwest	34	--	--	--
Southeast	42	--	--	--
Southwest	38	--	--	--
St. Louis Metro	112	39.0	25.1	52.9
GENDER				
Female	376	38.6	31.4	45.9
Male	0			
RACE				
African-American	48	--	--	--
Other	31	--	--	--
White	296	39.1	31.0	47.1
EDUCATION				
< High School	24	--	--	--
High School	96	49.9	36.9	62.9
>High School	255	33.5	24.3	42.7
INCOME				
<\$15,000	47	--	--	--
\$15,000-24,999	54	34.1	16.7	51.5
\$25,000-34,999	26	--	--	--
\$35,000-49,999	44	--	--	--
\$50,000-74,999	52	32.2	12.8	51.6
≥\$75,000	95	31.5	16.4	46.5

Definition: Females age 44 and younger: "Want to have one, between 2 years to less than 5 years from now," "Want to have one, 5 or more years from now" responses to the question "How do you feel about having a child now or sometime in the future? Would you say: You don't want to have one, you do want to have one, less than 12 months from now, you do want to have one, between 12 months to less than 2 years from now, you do want to have one, between 2 years to less than 5 years from now, you do want to have one, 5 or more years from now."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.7.1 Take multivitamin, prenatal vitamin or folic acid vitamin 0 times a week

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	516	53.2	47.3	59.2
REGION				
Central	51	58.2	42.4	74.0
Kansas City Metro	102	52.8	40.9	64.7
Northeast	43	--	--	--
Northwest	50	48.7	30.3	67.1
Southeast	59	49.1	33.6	64.7
Southwest	59	56.8	40.7	73.0
St. Louis Metro	152	52.4	41.2	63.5
GENDER				
Female	516	53.2	47.3	59.2
Male	0			
RACE				
African-American	61	54.1	36.5	71.6
Other	35	--	--	--
White	417	52.4	45.8	58.9
EDUCATION				
< High School	32	--	--	--
High School	131	56.2	45.0	67.3
>High School	351	48.8	41.5	56.0
INCOME				
<\$15,000	65	54.8	37.4	72.2
\$15,000-24,999	68	54.6	38.9	70.4
\$25,000-34,999	44	--	--	--
\$35,000-49,999	62	55.1	39.2	71.0
\$50,000-74,999	76	47.4	33.0	61.8
≥\$75,000	123	39.7	28.5	50.9

Definition: Females age 44 and younger: "0 times a week" response to the question "How many times a week do you currently take a multivitamin, a prenatal vitamin, or a folic acid vitamin? 0 times a week, 1 to 3 times a week, 4 to 6 times a week, every day of the week."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.7.2 Take multivitamin, prenatal vitamin or folic acid vitamin 1 to 6 times a week

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	516	10.8	7.4	14.3
REGION				
Central	51	10.9	0.0	22.1
Kansas City Metro	102	10.9	4.2	17.6
Northeast	43	--	--	--
Northwest	50	8.4	0.9	15.9
Southeast	59	1.9	0.0	4.7
Southwest	59	10.2	2.2	18.3
St. Louis Metro	152	13.1	6.3	20.0
GENDER				
Female	516	10.8	7.4	14.3
Male	0			
RACE				
African-American	61	20.4	6.1	34.6
Other	35	--	--	--
White	417	9.5	6.1	12.9
EDUCATION				
< High School	32	--	--	--
High School	131	7.8	1.7	13.8
>High School	351	14.1	9.4	18.9
INCOME				
<\$15,000	65	13.1	3.9	22.4
\$15,000-24,999	68	8.0	0.1	15.9
\$25,000-34,999	44	--	--	--
\$35,000-49,999	62	12.5	0.9	24.2
\$50,000-74,999	76	16.4	3.3	29.4
≥\$75,000	123	11.4	4.7	18.1

Definition: Females age 44 and younger: "1 to 6 times a week" (includes responses 2 and 3) response to "How many times a week do you currently take a multivitamin, a prenatal vitamin, or a folic acid vitamin? 0 times a week, 1 to 3 times a week, 4 to 6 times a week, every day of the week."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 17 Preconception Health or Family Planning: Females age 44 and younger

Table 17.7.3 Take multivitamin, prenatal vitamin or folic acid vitamin every day of the week

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	516	35.9	30.4	41.5
REGION				
Central	51	30.9	17.0	44.9
Kansas City Metro	102	36.3	25.0	47.7
Northeast	43	--	--	--
Northwest	50	43.0	24.2	61.8
Southeast	59	48.9	33.4	64.5
Southwest	59	33.0	18.5	47.4
St. Louis Metro	152	34.5	24.1	45.0
GENDER				
Female	516	35.9	30.4	41.5
Male	0			
RACE				
African-American	61	25.6	11.4	39.7
Other	35	--	--	--
White	417	38.1	31.8	44.4
EDUCATION				
< High School	32	--	--	--
High School	131	36.1	25.0	47.1
>High School	351	37.1	30.4	43.9
INCOME				
<\$15,000	65	32.1	16.0	48.2
\$15,000-24,999	68	37.3	22.5	52.2
\$25,000-34,999	44	--	--	--
\$35,000-49,999	62	32.4	17.7	47.0
\$50,000-74,999	76	36.3	22.6	50.0
≥\$75,000	123	48.9	37.2	60.6

Definition: Females age 44 and younger: "Every day of the week" response to "How many times a week do you currently take a multivitamin, a prenatal vitamin, or a folic acid vitamin? 0 times a week, 1 to 3 times a week, 4 to 6 times a week, every day of the week."

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 18 Tetanus Diphtheria (Adults)

Table 18.1 Have received a tetanus shot in the past 10 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	4,642	73.0	70.9	75.1	73.4	71.2	75.5
REGION							
Central	529	73.2	67.6	78.9	73.3	67.4	79.3
Kansas City Metro	856	73.8	69.3	78.3	74.2	69.4	79.0
Northeast	525	75.5	70.2	80.8	77.9	72.4	83.4
Northwest	525	73.3	68.1	78.5	74.4	69.3	79.6
Southeast	553	74.0	68.7	79.4	73.4	68.2	78.6
Southwest	518	72.0	66.4	77.6	73.7	67.7	79.6
St. Louis Metro	1,136	72.3	68.3	76.3	72.4	68.1	76.6
GENDER							
Female	2,927	69.9	67.2	72.6	70.7	67.8	73.7
Male	1,715	76.3	73.1	79.4	76.4	73.2	79.6
RACE							
African-American	403	66.5	58.5	74.4	66.5	59.4	73.7
Other	234	69.8	59.2	80.5	69.9	61.0	78.8
White	3,978	74.1	72.0	76.3	74.7	72.5	77.0
EDUCATION							
< High School	481	72.4	66.2	78.6	73.9	67.6	80.3
High School	1,671	71.6	68.3	74.9	71.8	68.0	75.6
>High School	2,479	74.1	71.1	77.0	74.0	70.8	77.1
INCOME							
<\$15,000	533	70.0	63.4	76.6	70.0	63.6	76.5
\$15,000-24,999	822	69.4	64.5	74.2	72.3	66.8	77.8
\$25,000-34,999	505	69.1	62.0	76.1	70.2	63.3	77.1
\$35,000-49,999	599	76.3	71.1	81.4	76.6	71.0	82.2
\$50,000-74,999	637	70.4	64.5	76.4	70.0	62.5	77.5
≥\$75,000	791	81.7	77.7	85.7	80.3	76.2	84.5

Definition: "Yes" response to the question "Have you received a tetanus shot in the past 10 years?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 18 Tetanus Diphtheria (Adults)

Table 18.2 Most recent tetanus shot given in 2005 or later

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	2,807	78.5	76.2	80.8	78.2	75.8	80.6
REGION							
Central	324	79.5	73.6	85.4	79.7	74.0	85.5
Kansas City Metro	546	76.0	70.9	81.1	75.7	70.6	80.9
Northeast	316	78.4	72.3	84.5	78.9	73.4	84.4
Northwest	299	69.0	59.9	78.2	67.7	59.6	75.8
Southeast	337	84.1	78.4	89.9	83.7	78.6	88.9
Southwest	318	79.0	73.3	84.8	78.0	71.6	84.4
St. Louis Metro	667	79.0	74.3	83.6	78.3	73.3	83.3
GENDER							
Female	1,667	77.3	74.1	80.5	76.9	73.6	80.2
Male	1,140	79.6	76.3	83.0	79.4	76.1	82.7
RACE							
African-American	217	84.1	77.7	90.4	81.8	75.5	88.2
Other	147	83.9	76.1	91.7	82.4	75.4	89.4
White	2,432	77.5	74.9	80.1	77.4	74.7	80.2
EDUCATION							
< High School	243	83.9	77.7	90.1	83.5	77.2	89.8
High School	941	79.2	75.0	83.4	78.5	73.8	83.2
>High School	1,619	76.8	73.7	79.9	76.6	73.3	79.8
INCOME							
<\$15,000	306	84.1	77.6	90.7	84.1	78.5	89.6
\$15,000-24,999	452	76.5	70.3	82.7	77.2	71.3	83.1
\$25,000-34,999	307	80.7	74.6	86.9	81.5	75.2	87.8
\$35,000-49,999	371	76.5	69.9	83.1	78.3	72.6	84.0
\$50,000-74,999	414	76.8	70.7	83.0	76.5	69.2	83.8
≥\$75,000	568	78.3	73.6	83.1	77.1	72.5	81.7

Definition: "Yes" response to the question "Was your most recent tetanus shot given in 2005 or later?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 18 Tetanus Diphtheria (Adults)

Table 18.3.1 Recent tetanus shot included the pertussis or whooping cough vaccine

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	1,685	24.7	21.2	28.3	25.2	21.6	28.8
REGION							
Central	201	17.9	10.8	25.0	16.3	10.0	22.5
Kansas City Metro	314	23.7	16.9	30.6	24.1	16.9	31.2
Northeast	191	15.9	9.2	22.6	17.5	10.5	24.5
Northwest	179	16.2	7.5	24.9	17.7	8.4	27.0
Southeast	210	21.0	12.2	29.8	21.7	13.8	29.6
Southwest	194	26.9	16.1	37.6	28.3	17.5	39.2
St. Louis Metro	396	30.2	22.8	37.5	31.2	23.7	38.6
GENDER							
Female	1,052	29.4	24.7	34.1	31.1	26.2	36.0
Male	633	19.8	14.5	25.2	19.3	14.3	24.3
RACE							
African-American	129	23.7	12.2	35.2	22.1	12.5	31.6
Other	93	35.3	17.5	53.0	33.4	21.0	45.7
White	1,459	24.0	20.3	27.8	24.8	20.9	28.6
EDUCATION							
< High School	162	16.3	6.2	26.4	14.7	6.9	22.5
High School	564	21.4	15.2	27.5	21.0	14.9	27.1
>High School	957	29.1	24.4	33.9	29.5	24.4	34.6
INCOME							
<\$15,000	193	28.4	15.2	41.5	22.5	14.7	30.4
\$15,000-24,999	284	21.3	13.8	28.8	23.1	14.2	32.0
\$25,000-34,999	186	21.7	11.0	32.5	21.3	11.6	30.9
\$35,000-49,999	211	21.1	12.2	29.9	21.0	12.2	29.8
\$50,000-74,999	246	19.0	12.1	25.9	19.0	11.9	26.2
≥\$75,000	303	35.8	27.7	44.0	35.3	27.5	43.0

Definition: "Yes (included pertussis)" response to the question "There are currently two types of tetanus shots available for adults. One contains the tetanus diphtheria vaccine. The other type contains tetanus diphtheria and pertussis or whooping cough vaccine. Did your doctor say your recent tetanus shot included the pertussis or whooping cough vaccine?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 18 Tetanus Diphtheria (Adults)

Table 18.3.2 Recent tetanus shot did not include pertussis vaccine

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	1,685	32.6	29.0	36.2	32.4	28.7	36.1
REGION							
Central	201	34.5	23.1	45.8	35.1	22.3	47.9
Kansas City Metro	314	31.9	24.2	39.7	32.3	24.6	40.0
Northeast	191	43.2	31.0	55.4	41.5	30.9	52.1
Northwest	179	29.2	19.0	39.5	27.3	17.6	36.9
Southeast	210	39.0	27.8	50.1	41.0	31.3	50.7
Southwest	194	28.2	19.5	37.0	29.3	18.9	39.7
St. Louis Metro	396	31.2	24.4	37.9	30.6	24.2	37.1
GENDER							
Female	1,052	30.7	26.3	35.2	30.2	25.8	34.7
Male	633	34.5	28.7	40.3	34.4	28.6	40.2
RACE							
African-American	129	28.2	15.9	40.5	27.0	17.3	36.8
Other	93	30.5	15.1	45.9	31.3	18.7	43.8
White	1,459	33.3	29.4	37.2	32.9	28.8	37.1
EDUCATION							
< High School	162	25.3	15.4	35.2	23.2	14.6	31.8
High School	564	33.9	27.4	40.4	34.1	26.8	41.5
>High School	957	34.0	29.3	38.8	34.1	28.9	39.2
INCOME							
<\$15,000	193	24.0	14.5	33.4	27.0	17.9	36.2
\$15,000-24,999	284	34.0	25.2	42.8	32.4	23.0	41.9
\$25,000-34,999	186	29.7	20.2	39.3	31.5	21.6	41.5
\$35,000-49,999	211	31.0	21.1	40.8	30.8	21.0	40.5
\$50,000-74,999	246	40.4	31.4	49.5	39.4	28.4	50.4
≥\$75,000	303	33.5	25.7	41.3	32.3	24.6	40.1

Definition: "No (did not include pertussis)" response to the question "There are currently two types of tetanus shots available for adults. One contains the tetanus diphtheria vaccine. The other type contains tetanus diphtheria and pertussis or whooping cough vaccine. Did your doctor say your recent tetanus shot included the pertussis or whooping cough vaccine?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 18 Tetanus Diphtheria (Adults)

Table 18.3.3 Doctor did not say if recent tetanus shot included pertussis or whooping cough vaccine

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	1,685	42.7	38.7	46.7	42.4	38.3	46.5
REGION							
Central	201	47.7	35.9	59.4	48.6	35.5	61.7
Kansas City Metro	314	44.3	35.9	52.8	43.6	36.0	51.3
Northeast	191	40.9	29.2	52.7	41.0	30.2	51.8
Northwest	179	54.6	42.9	66.3	55.1	42.7	67.5
Southeast	210	40.0	29.0	51.1	37.3	28.8	45.8
Southwest	194	44.9	34.6	55.3	42.4	30.4	54.4
St. Louis Metro	396	38.7	31.0	46.3	38.2	30.4	46.1
GENDER							
Female	1,052	39.9	34.9	44.8	38.7	33.4	44.0
Male	633	45.6	39.4	51.9	46.3	40.2	52.4
RACE							
African-American	129	48.1	34.1	62.1	50.9	39.2	62.6
Other	93	34.3	19.5	49.0	35.4	23.2	47.6
White	1,459	42.7	38.4	47.0	42.3	37.7	47.0
EDUCATION							
< High School	162	58.4	46.0	70.8	62.1	51.4	72.8
High School	564	44.7	37.7	51.7	44.8	36.9	52.8
>High School	957	36.8	32.1	41.6	36.4	31.4	41.5
INCOME							
<\$15,000	193	47.7	34.7	60.7	50.5	39.8	61.2
\$15,000-24,999	284	44.7	35.5	53.9	44.4	34.1	54.8
\$25,000-34,999	186	48.5	35.9	61.1	47.2	35.3	59.1
\$35,000-49,999	211	48.0	36.4	59.6	48.2	36.3	60.2
\$50,000-74,999	246	40.6	32.0	49.2	41.6	31.8	51.4
≥\$75,000	303	30.7	23.4	37.9	32.4	25.0	39.8

Definition: "Doctor did not say" response to the question "There are currently two types of tetanus shots available for adults. One contains the tetanus diphtheria vaccine. The other type contains tetanus diphtheria and pertussis or whooping cough vaccine. Did your doctor say your recent tetanus shot included the pertussis or whooping cough vaccine?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 19 Childhood Immunization: Children ages 17 or younger

Table 19.1 Had a seasonal flu vaccine during the past 12 months

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	965	47.9	43.7	52.2
REGION				
Central	108	46.3	35.1	57.5
Kansas City Metro	187	42.4	34.0	50.9
Northeast	93	41.6	29.8	53.5
Northwest	110	36.6	25.4	47.8
Southeast	117	39.1	28.3	50.0
Southwest	91	34.1	22.9	45.4
St. Louis Metro	259	59.9	52.0	67.9
GENDER				
Female	637	47.3	41.9	52.7
Male	328	49.2	42.0	56.4
RACE				
African-American	102	56.0	42.6	69.4
Other	69	49.3	31.5	67.0
White	793	46.6	42.0	51.2
EDUCATION				
< High School	71	60.3	45.5	75.1
High School	282	39.0	30.7	47.2
>High School	612	49.4	44.1	54.7
INCOME				
<\$15,000	92	49.1	34.1	64.1
\$15,000-24,999	138	44.1	33.4	54.9
\$25,000-34,999	79	49.2	30.3	68.1
\$35,000-49,999	124	41.4	29.4	53.4
\$50,000-74,999	167	40.7	30.4	51.1
≥\$75,000	280	56.4	49.0	63.7

Definition: "Yes" response to question "Now I will ask you questions about seasonal flu. There are two types of seasonal flu vaccinations. One is a shot and the other is a spray in the nose. During the past 12 months, has he/she had a seasonal flu vaccination?" Question asked of adult respondent about a randomly selected child under age of 18 in household. Question asked of adult respondent about a randomly selected child under age of 18 in household. Household income, gender and race of child reported by adult respondent."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 19 Childhood Immunization: Children ages 17 or younger

Table 19.2.1 Received last seasonal flu vaccine at a private doctor or HMO office, health department, hospital or emergency room

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	395	82.3	77.2	87.4
REGION				
Central	45	--	--	--
Kansas City Metro	66	91.1	83.3	98.9
Northeast	34	--	--	--
Northwest	34	--	--	--
Southeast	43	--	--	--
Southwest	32	--	--	--
St. Louis Metro	141	79.7	70.5	88.9
GENDER				
Female	256	85.4	80.0	90.7
Male	139	75.9	65.5	86.2
RACE				
African-American	51	84.7	69.5	99.9
Other	28	--	--	--
White	316	81.4	75.6	87.1
EDUCATION				
< High School	33	--	--	--
High School	95	87.3	78.8	95.9
>High School	267	82.3	76.3	88.4
INCOME				
<\$15,000	40	--	--	--
\$15,000-24,999	55	83.0	71.7	94.2
\$25,000-34,999	27	--	--	--
\$35,000-49,999	43	--	--	--
\$50,000-74,999	60	86.8	77.0	96.5
≥\$75,000	138	81.2	72.3	90.0

Definition: "Yes" response to the question "During the past 12 months, has he/she had a seasonal flu vaccination? There are two types of flu vaccinations. One is a shot and the other is a spray in the nose?" AND "A doctor's office or health maintenance organization (HMO)," "Health department," "Another type of clinic or health center (Example: a community health center)," "A hospital (Example: inpatient)" or "An emergency room" responses to "At what kind of place did he/she get his/her last seasonal flu vaccine?" Question asked of adult respondent about a randomly selected child under age of 18 in household. Household income, gender and race of child reported by adult respondent."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 19 Childhood Immunization: Children ages 17 or younger

Table 19.2.2 Received last seasonal flu vaccine at some other places

Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	395	17.7	12.6	22.8
REGION				
Central	45	--	--	--
Kansas City Metro	66	8.9	1.1	16.7
Northeast	34	--	--	--
Northwest	34	--	--	--
Southeast	43	--	--	--
Southwest	32	--	--	--
St. Louis Metro	141	20.3	11.1	29.5
GENDER				
Female	256	14.6	9.3	20.0
Male	139	24.1	13.8	34.5
RACE				
African-American	51	15.3	0.1	30.5
Other	28	--	--	--
White	316	18.6	12.9	24.4
EDUCATION				
< High School	33	--	--	--
High School	95	12.7	4.1	21.2
>High School	267	17.7	11.6	23.7
INCOME				
<\$15,000	40	--	--	--
\$15,000-24,999	55	17.1	5.8	28.3
\$25,000-34,999	27	--	--	--
\$35,000-49,999	43	--	--	--
\$50,000-74,999	60	13.2	3.5	23.0
≥\$75,000	138	18.9	10.0	27.7

Definition: "Yes" response to the question "During the past 12 months, has he/she had a seasonal flu vaccination? There are two types of flu vaccinations. One is a shot and the other is a spray in the nose?" AND "A senior, recreation, or community center," "A store (Examples: supermarket, drug store)," "Workplace," "Some other kind of place," "Received vaccination in Canada/Mexico," "A school" responses to the question "At what kind of place did he/she get his/her last seasonal flu vaccine?" Question asked of adult respondent about a randomly selected child under age of 18 in household. Household income, gender and race of child reported by adult respondent."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.1 Ever told you had a heart attack (myocardial infarction)

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	6,364	5.6	4.9	6.3	5.2	4.5	5.9
REGION							
Central	725	4.9	3.3	6.6	4.8	3.1	6.4
Kansas City Metro	1,206	5.4	3.8	7.0	5.3	3.6	7.0
Northeast	623	6.0	4.1	8.0	4.9	3.3	6.5
Northwest	655	5.0	3.2	6.7	4.7	3.0	6.3
Southeast	719	8.5	6.4	10.5	7.2	5.4	9.0
Southwest	802	6.2	4.4	8.1	5.9	4.0	7.9
St. Louis Metro	1,634	4.8	3.5	6.2	4.5	3.2	5.7
GENDER							
Female	3,903	4.2	3.5	4.9	3.7	3.0	4.4
Male	2,461	7.0	5.8	8.2	7.0	5.7	8.2
RACE							
African-American	558	5.3	2.9	7.8	5.7	3.1	8.3
Other	394	10.0	5.2	14.8	12.6	7.5	17.8
White	5,369	5.2	4.6	5.9	4.6	4.0	5.2
EDUCATION							
< High School	668	10.6	7.4	13.8	10.2	6.6	13.8
High School	2,239	6.4	5.3	7.6	5.6	4.5	6.7
>High School	3,442	3.7	3.0	4.4	3.8	3.1	4.5
INCOME							
<\$15,000	787	8.8	6.7	11.0	9.2	7.0	11.3
\$15,000-24,999	1,145	8.7	6.6	10.8	7.3	5.2	9.3
\$25,000-34,999	708	5.1	3.5	6.8	3.7	2.6	4.8
\$35,000-49,999	827	5.9	3.9	7.9	5.4	3.6	7.1
\$50,000-74,999	847	3.9	1.6	6.2	3.9	1.6	6.2
≥\$75,000	1,031	2.4	1.2	3.6	3.6	2.0	5.3

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 - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.2 Ever told you 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	6,335	4.7	4.1	5.3	4.3	3.7	4.8
REGION							
Central	721	4.6	3.1	6.1	4.3	3.0	5.6
Kansas City Metro	1,205	4.4	3.3	5.5	4.1	3.1	5.1
Northeast	617	5.9	4.1	7.7	5.0	3.5	6.5
Northwest	650	5.7	3.8	7.7	5.6	3.7	7.5
Southeast	711	6.8	4.9	8.6	5.6	4.1	7.1
Southwest	800	5.2	3.6	6.8	4.7	3.1	6.3
St. Louis Metro	1,631	3.9	2.6	5.1	3.5	2.4	4.6
GENDER							
Female	3,885	3.7	3.1	4.4	3.3	2.7	3.9
Male	2,450	5.7	4.7	6.8	5.5	4.5	6.5
RACE							
African-American	554	3.5	1.7	5.2	3.6	1.9	5.3
Other	391	5.3	2.6	8.0	7.4	3.9	10.9
White	5,347	4.8	4.1	5.5	4.1	3.6	4.7
EDUCATION							
< High School	659	7.1	4.8	9.5	6.5	4.3	8.8
High School	2,227	5.2	4.0	6.4	4.4	3.3	5.4
>High School	3,432	3.7	3.1	4.4	3.8	3.1	4.4
INCOME							
<\$15,000	779	6.5	4.8	8.2	6.6	5.0	8.3
\$15,000-24,999	1,140	6.5	4.8	8.2	5.4	3.9	6.9
\$25,000-34,999	706	5.8	3.9	7.7	5.3	3.3	7.2
\$35,000-49,999	822	3.3	2.0	4.6	2.9	1.8	4.0
\$50,000-74,999	843	4.8	2.4	7.2	4.4	2.6	6.2
≥\$75,000	1,032	2.4	1.4	3.3	3.0	1.7	4.4

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 - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.3 Ever told you 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	6,388	3.6	3.1	4.1	3.4	2.9	3.9
REGION							
Central	724	2.9	1.7	4.1	2.7	1.7	3.8
Kansas City Metro	1,209	3.5	2.5	4.4	3.4	2.5	4.3
Northeast	628	4.2	2.6	5.9	3.5	2.1	4.9
Northwest	657	4.0	2.7	5.4	3.9	2.6	5.2
Southeast	721	5.2	3.6	6.9	4.7	3.0	6.5
Southwest	808	4.6	2.9	6.3	4.3	2.6	6.0
St. Louis Metro	1,641	3.0	2.1	4.0	2.8	1.9	3.6
GENDER							
Female	3,912	3.9	3.2	4.6	3.4	2.8	4.0
Male	2,476	3.3	2.6	4.1	3.3	2.6	4.1
RACE							
African-American	562	5.4	2.9	8.0	5.7	3.1	8.3
Other	393	2.6	1.3	3.8	3.8	2.1	5.5
White	5,390	3.5	3.0	4.0	3.1	2.7	3.6
EDUCATION							
< High School	672	7.0	4.9	9.1	5.8	4.0	7.7
High School	2,252	4.4	3.4	5.4	3.9	2.9	4.9
>High School	3,447	2.3	1.8	2.8	2.4	1.9	2.9
INCOME							
<\$15,000	795	6.7	4.6	8.7	7.0	4.8	9.2
\$15,000-24,999	1,151	6.7	4.7	8.6	6.0	4.0	8.0
\$25,000-34,999	708	3.0	1.8	4.2	2.4	1.4	3.5
\$35,000-49,999	826	3.3	2.0	4.6	3.0	1.9	4.2
\$50,000-74,999	847	1.9	1.1	2.7	1.8	1.0	2.6
≥\$75,000	1,033	0.7	0.2	1.1	1.1	0.4	1.8

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 - 2011

Chapter 20 Chronic Health Conditions and Diseases Table 20.4 Adults who have ever been told 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	6,383	13.8	12.6	15.0	13.9	12.6	15.2
REGION							
Central	725	14.1	10.4	17.8	13.2	10.0	16.5
Kansas City Metro	1,209	14.8	12.2	17.5	15.0	12.2	17.8
Northeast	625	12.3	8.1	16.6	13.4	8.4	18.3
Northwest	656	10.9	7.5	14.2	11.0	7.5	14.5
Southeast	724	16.3	12.6	20.0	15.4	12.0	18.9
Southwest	804	13.1	10.1	16.0	14.0	10.7	17.3
St. Louis Metro	1,640	13.3	10.9	15.6	13.2	10.8	15.6
GENDER							
Female	3,910	15.7	14.1	17.4	16.0	14.2	17.8
Male	2,473	11.8	9.9	13.6	11.7	9.8	13.5
RACE							
African-American	561	19.3	14.4	24.1	18.2	13.8	22.6
Other	392	16.5	10.5	22.6	15.8	11.1	20.5
White	5,387	12.9	11.6	14.2	13.2	11.8	14.5
EDUCATION							
< High School	674	18.6	14.0	23.2	18.7	14.1	23.4
High School	2,245	12.9	10.9	14.9	13.5	11.2	15.9
>High School	3,447	13.0	11.5	14.5	13.0	11.4	14.6
INCOME							
<\$15,000	795	23.8	18.9	28.7	24.5	19.5	29.5
\$15,000-24,999	1,152	15.2	12.3	18.2	16.2	12.7	19.6
\$25,000-34,999	710	16.8	12.6	20.9	16.3	12.3	20.4
\$35,000-49,999	828	9.6	7.0	12.1	9.7	7.0	12.4
\$50,000-74,999	848	11.0	8.2	13.7	10.9	8.0	13.7
≥\$75,000	1,030	9.0	6.8	11.2	9.0	6.5	11.6

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 - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.5 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	6,360	9.2	8.2	10.2	9.1	8.1	10.1
REGION							
Central	722	8.8	5.9	11.8	8.2	5.6	10.9
Kansas City Metro	1,204	10.3	7.9	12.6	10.4	7.9	12.8
Northeast	624	7.5	5.1	10.0	7.4	4.8	10.1
Northwest	652	7.2	4.2	10.1	7.1	4.1	10.1
Southeast	723	9.6	7.0	12.1	8.7	6.2	11.1
Southwest	802	9.4	6.9	12.0	9.8	7.0	12.6
St. Louis Metro	1,633	8.9	7.1	10.7	8.7	6.9	10.5
GENDER							
Female	3,895	11.5	10.1	12.9	11.6	10.1	13.1
Male	2,465	6.6	5.3	8.0	6.5	5.2	7.8
RACE							
African-American	558	13.5	9.3	17.6	12.7	9.0	16.4
Other	388	11.3	5.9	16.7	11.2	7.0	15.5
White	5,371	8.5	7.5	9.4	8.4	7.4	9.5
EDUCATION							
< High School	670	13.8	10.0	17.5	13.9	10.1	17.8
High School	2,236	8.1	6.6	9.6	8.1	6.4	9.7
>High School	3,437	8.5	7.3	9.8	8.5	7.3	9.8
INCOME							
<\$15,000	793	17.4	13.5	21.4	18.0	14.1	21.9
\$15,000-24,999	1,148	10.8	8.3	13.4	11.2	8.4	14.0
\$25,000-34,999	707	10.1	7.3	12.8	9.6	6.8	12.3
\$35,000-49,999	825	5.7	3.8	7.7	5.8	3.7	7.9
\$50,000-74,999	845	6.6	4.6	8.6	6.5	4.5	8.5
≥\$75,000	1,029	6.3	4.5	8.2	6.4	4.2	8.5

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 - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.6 Ever told you had skin 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	6,387	6.6	5.9	7.2	5.9	5.3	6.5
REGION							
Central	724	5.8	4.3	7.3	5.6	4.1	7.0
Kansas City Metro	1,212	5.0	3.8	6.1	4.7	3.7	5.7
Northeast	626	7.2	5.3	9.2	5.7	4.3	7.0
Northwest	658	5.4	3.8	7.1	5.2	3.6	6.7
Southeast	720	9.1	6.9	11.2	7.2	5.6	8.8
Southwest	805	8.2	6.3	10.0	7.0	5.4	8.5
St. Louis Metro	1,642	6.4	5.0	7.9	6.0	4.7	7.3
GENDER							
Female	3,911	5.7	4.9	6.5	5.0	4.2	5.7
Male	2,476	7.5	6.3	8.6	7.2	6.2	8.2
RACE							
African-American	562	0.2	0.0	0.4	0.2	0.0	0.6
Other	395	2.0	0.8	3.2	2.9	1.3	4.4
White	5,388	7.7	6.9	8.5	6.6	5.9	7.3
EDUCATION							
< High School	672	5.7	3.8	7.5	4.4	3.0	5.7
High School	2,250	6.9	5.7	8.2	5.6	4.7	6.6
>High School	3,448	6.5	5.6	7.5	6.5	5.6	7.4
INCOME							
<\$15,000	793	5.0	3.4	6.7	5.0	3.5	6.5
\$15,000-24,999	1,153	6.0	4.6	7.4	4.3	3.3	5.4
\$25,000-34,999	707	7.5	5.2	9.8	5.7	4.1	7.3
\$35,000-49,999	828	6.4	4.6	8.1	5.7	4.2	7.2
\$50,000-74,999	847	5.7	3.6	7.9	5.4	3.6	7.1
≥\$75,000	1,032	7.4	5.6	9.1	9.2	7.0	11.3

Definition: "Yes" response to the question "(Ever told) you had skin cancer?"

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Table 20.7 Ever told you had any other 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	6,395	7.3	6.6	8.1	6.9	6.2	7.6
REGION							
Central	724	6.0	4.4	7.5	5.6	4.2	7.0
Kansas City Metro	1,211	7.1	5.6	8.6	6.9	5.4	8.4
Northeast	627	6.9	5.0	8.9	5.9	4.2	7.5
Northwest	658	6.5	4.7	8.4	6.3	4.5	8.0
Southeast	725	9.4	6.8	12.0	8.9	6.1	11.6
Southwest	806	7.0	5.3	8.7	6.4	4.9	8.0
St. Louis Metro	1,644	7.6	6.0	9.1	7.3	5.9	8.8
GENDER							
Female	3,915	8.7	7.6	9.8	8.1	7.0	9.1
Male	2,480	5.8	4.8	6.8	5.8	4.9	6.8
RACE							
African-American	562	4.1	2.5	5.6	4.7	3.0	6.3
Other	396	5.2	2.4	7.9	6.3	3.5	9.2
White	5,394	7.8	7.0	8.7	7.1	6.3	7.9
EDUCATION							
< High School	677	11.1	8.2	14.1	10.1	7.3	13.0
High School	2,250	8.6	7.2	9.9	7.4	6.3	8.6
>High School	3,451	5.5	4.7	6.4	5.7	4.8	6.5
INCOME							
<\$15,000	793	10.3	7.4	13.2	11.3	8.2	14.3
\$15,000-24,999	1,153	9.8	7.5	12.0	8.6	6.3	10.8
\$25,000-34,999	707	8.5	6.4	10.7	7.3	5.2	9.4
\$35,000-49,999	830	6.3	4.6	8.0	5.8	4.3	7.3
\$50,000-74,999	848	5.3	3.5	7.1	5.2	3.5	6.8
≥\$75,000	1,033	4.2	2.8	5.6	5.6	3.6	7.5

Definition: "Yes" response to the question "(Ever told) you had any types of cancer?"

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Table 20.8 Ever told you have COPD

(Chronic obstructive pulmonary disease, emphysema or chronic bronchitis)

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	6,375	8.1	7.3	9.0	7.7	6.9	8.6
REGION							
Central	719	7.8	5.2	10.5	8.0	5.0	11.0
Kansas City Metro	1,211	7.7	5.8	9.5	7.6	5.6	9.6
Northeast	623	7.8	5.6	10.0	6.9	4.9	8.8
Northwest	658	7.7	5.3	10.1	7.2	5.0	9.3
Southeast	721	12.9	10.1	15.6	11.3	8.8	13.9
Southwest	805	8.8	6.7	10.9	8.3	6.2	10.5
St. Louis Metro	1,638	7.1	5.5	8.6	6.5	5.0	7.9
GENDER							
Female	3,903	9.3	8.1	10.5	8.8	7.5	10.0
Male	2,472	6.8	5.6	8.0	6.6	5.4	7.8
RACE							
African-American	560	7.1	4.1	10.1	7.2	4.4	10.1
Other	394	9.1	5.6	12.7	11.6	7.7	15.4
White	5,378	8.2	7.3	9.1	7.6	6.6	8.5
EDUCATION							
< High School	674	14.2	11.1	17.4	14.0	10.7	17.3
High School	2,239	9.4	7.9	11.0	8.6	7.1	10.1
>High School	3,445	5.7	4.7	6.7	5.6	4.6	6.6
INCOME							
<\$15,000	789	16.9	13.5	20.3	18.3	14.5	22.1
\$15,000-24,999	1,148	12.9	10.2	15.5	12.1	9.2	15.1
\$25,000-34,999	707	8.7	5.8	11.6	9.0	5.0	12.9
\$35,000-49,999	829	5.1	3.6	6.7	4.8	3.3	6.3
\$50,000-74,999	846	5.2	3.2	7.3	4.5	2.9	6.1
≥\$75,000	1,032	3.3	2.0	4.7	4.5	2.5	6.4

Definition: "Yes" response to the question "(Ever told) you have COPD (chronic obstructive pulmonary disease, emphysema or chronic bronchitis?)"

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Table 20.9 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	6,371	28.8	27.3	30.2	27.2	25.8	28.6
REGION							
Central	723	28.8	24.7	32.9	27.9	23.8	32.0
Kansas City Metro	1,208	25.8	23.0	28.7	24.6	22.1	27.1
Northeast	627	30.5	25.7	35.2	27.1	22.9	31.3
Northwest	653	28.1	23.5	32.7	27.4	23.0	31.7
Southeast	724	37.7	33.4	42.0	34.8	30.7	39.0
Southwest	802	28.9	25.1	32.8	27.6	23.8	31.5
St. Louis Metro	1,634	27.9	24.9	30.8	26.2	23.6	28.8
GENDER							
Female	3,898	32.4	30.4	34.4	29.8	28.0	31.7
Male	2,473	24.8	22.6	27.0	24.2	22.1	26.3
RACE							
African-American	559	25.3	20.5	30.2	26.2	21.6	30.8
Other	393	24.9	19.0	30.9	32.0	26.2	37.7
White	5,376	29.6	27.9	31.2	27.1	25.6	28.6
EDUCATION							
< High School	675	38.4	33.1	43.7	37.1	32.0	42.2
High School	2,238	30.4	27.9	32.9	27.5	25.1	29.9
>High School	3,441	25.3	23.4	27.1	24.7	23.0	26.4
INCOME							
<\$15,000	790	37.0	32.1	41.9	39.2	34.4	44.1
\$15,000-24,999	1,150	37.2	33.4	41.0	34.1	30.4	37.9
\$25,000-34,999	709	32.7	28.0	37.5	28.6	24.4	32.8
\$35,000-49,999	826	24.9	21.2	28.6	23.5	20.2	26.7
\$50,000-74,999	847	27.9	23.7	32.2	24.5	21.1	28.0
≥\$75,000	1,028	18.6	15.8	21.5	19.7	16.9	22.5

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

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Table 20.10 Ever told you have a form of depression

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	6,365	20.1	18.7	21.6	20.4	18.9	21.9
REGION							
Central	716	20.3	16.3	24.2	21.1	16.8	25.4
Kansas City Metro	1,203	18.9	16.1	21.8	18.7	15.8	21.5
Northeast	626	17.4	13.3	21.6	17.8	13.3	22.3
Northwest	657	19.7	15.0	24.4	20.1	15.3	24.9
Southeast	724	24.6	20.5	28.7	25.0	20.6	29.4
Southwest	803	22.2	18.4	26.0	23.3	19.3	27.3
St. Louis Metro	1,636	19.1	16.4	21.8	19.1	16.2	22.0
GENDER							
Female	3,899	24.4	22.4	26.4	25.3	23.1	27.5
Male	2,466	15.5	13.6	17.5	15.5	13.5	17.5
RACE							
African-American	557	15.8	11.3	20.2	16.1	11.3	20.9
Other	393	18.6	13.3	23.9	21.2	15.9	26.6
White	5,373	20.9	19.4	22.5	21.4	19.7	23.1
EDUCATION							
< High School	672	24.4	19.6	29.2	26.7	21.4	32.0
High School	2,236	20.5	18.1	23.0	20.7	18.1	23.2
>High School	3,440	18.8	17.0	20.6	18.8	16.9	20.6
INCOME							
<\$15,000	791	36.6	31.6	41.5	38.8	33.9	43.6
\$15,000-24,999	1,143	28.4	24.5	32.2	31.1	26.7	35.4
\$25,000-34,999	709	21.3	16.7	25.9	21.7	16.9	26.4
\$35,000-49,999	826	15.4	12.0	18.7	16.0	12.4	19.6
\$50,000-74,999	847	12.7	9.5	15.8	12.2	9.1	15.4
≥\$75,000	1,028	13.6	10.7	16.4	12.3	9.5	15.1

Definition: "Yes" response to the question "(Ever told) you have a depressive disorder (including depression, major depression, dysthymia, or minor depression)?"

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Table 20.11 Ever told you have kidney 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	6,384	2.3	1.9	2.8	2.2	1.7	2.6
REGION							
Central	722	2.0	1.1	2.8	1.8	1.0	2.6
Kansas City Metro	1,211	2.0	1.2	2.9	2.0	1.1	2.9
Northeast	627	2.4	1.2	3.6	2.0	1.0	3.1
Northwest	659	3.6	1.5	5.7	3.4	1.5	5.4
Southeast	723	2.5	1.2	3.8	2.4	0.9	3.8
Southwest	805	1.8	1.0	2.7	1.8	0.9	2.6
St. Louis Metro	1,637	2.6	1.6	3.6	2.4	1.5	3.4
GENDER							
Female	3,908	2.5	1.8	3.1	2.2	1.6	2.8
Male	2,476	2.2	1.5	2.8	2.1	1.4	2.8
RACE							
African-American	561	4.5	2.0	7.1	4.6	2.0	7.2
Other	392	4.1	1.0	7.2	4.6	1.4	7.9
White	5,388	1.9	1.5	2.3	1.7	1.3	2.0
EDUCATION							
< High School	674	3.6	1.9	5.3	3.7	1.8	5.7
High School	2,243	2.3	1.5	3.2	1.9	1.2	2.6
>High School	3,450	2.0	1.4	2.5	2.0	1.4	2.5
INCOME							
<\$15,000	790	3.1	1.8	4.5	3.1	1.9	4.4
\$15,000-24,999	1,150	4.3	2.5	6.1	4.0	2.1	5.9
\$25,000-34,999	710	4.2	2.1	6.3	3.7	2.0	5.4
\$35,000-49,999	826	1.7	0.8	2.7	1.7	0.7	2.7
\$50,000-74,999	847	1.3	0.4	2.3	1.0	0.3	1.8
≥\$75,000	1,033	0.8	0.3	1.3	0.6	0.2	1.0

Definition: "Yes" response to the question "(Ever told) you have kidney disease? Do NOT include kidney stones, bladder infection or incontinence."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 20 Chronic Health Conditions and Diseases

Table 20.12 Have you ever been told by a doctor that you have 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	6,392	10.2	9.3	11.2	9.5	8.6	10.3
REGION							
Central	724	8.4	6.5	10.3	8.1	6.2	10.0
Kansas City Metro	1,212	9.7	7.8	11.6	9.3	7.5	11.1
Northeast	628	9.5	6.8	12.2	8.8	5.9	11.6
Northwest	657	10.0	7.5	12.6	9.5	7.3	11.7
Southeast	725	11.2	8.9	13.5	10.3	7.9	12.7
Southwest	806	12.7	9.9	15.4	11.6	9.0	14.2
St. Louis Metro	1,640	10.0	8.1	11.9	9.1	7.4	10.7
GENDER							
Female	3,915	10.2	9.0	11.5	9.2	8.1	10.4
Male	2,477	10.2	8.8	11.7	9.8	8.5	11.2
RACE							
African-American	561	10.8	7.8	13.9	11.7	8.6	14.8
Other	394	9.4	6.1	12.7	13.2	9.2	17.2
White	5,395	10.2	9.2	11.2	9.1	8.1	10.0
EDUCATION							
< High School	674	15.4	11.7	19.1	14.6	10.7	18.4
High School	2,249	11.0	9.4	12.6	9.5	8.1	10.9
>High School	3,452	8.4	7.3	9.6	8.1	7.1	9.1
INCOME							
<\$15,000	795	14.9	11.6	18.3	15.5	12.3	18.7
\$15,000-24,999	1,152	14.2	11.7	16.8	12.7	10.2	15.2
\$25,000-34,999	711	12.5	9.0	15.9	10.6	7.6	13.6
\$35,000-49,999	829	8.4	6.2	10.6	7.7	5.7	9.7
\$50,000-74,999	847	9.5	6.7	12.3	8.6	6.3	10.9
≥\$75,000	1,033	5.0	3.5	6.6	6.3	4.5	8.2

Definition: "Yes" response to the question "(Ever told) you have diabetes?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 21 Hypertension Awareness

Table 21.1 Ever been told by a doctor have 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	6,388	34.3	32.7	35.9	32.5	31.0	34.0
REGION							
Central	724	36.9	32.5	41.4	36.7	32.2	41.1
Kansas City Metro	1,213	33.3	30.0	36.5	32.0	28.9	35.0
Northeast	627	35.1	29.7	40.6	31.4	25.6	37.1
Northwest	657	32.5	27.6	37.4	31.6	27.2	36.1
Southeast	722	38.0	33.7	42.3	34.5	30.5	38.6
Southwest	806	35.1	30.9	39.3	33.2	29.1	37.3
St. Louis Metro	1,639	32.9	29.8	36.0	30.9	28.3	33.6
GENDER							
Female	3,909	33.3	31.3	35.3	30.3	28.5	32.1
Male	2,479	35.4	32.8	37.9	34.8	32.4	37.1
RACE							
African-American	559	40.0	34.3	45.6	42.4	37.1	47.8
Other	395	24.5	18.5	30.6	31.5	25.8	37.1
White	5,394	34.4	32.6	36.1	31.6	29.9	33.2
EDUCATION							
< High School	673	41.3	35.9	46.8	39.4	34.2	44.7
High School	2,252	38.2	35.4	41.0	34.5	32.0	37.1
>High School	3,447	30.1	28.0	32.1	29.9	28.0	31.8
INCOME							
<\$15,000	794	39.6	34.4	44.8	41.0	36.0	45.9
\$15,000-24,999	1,152	40.8	37.0	44.7	37.3	33.4	41.3
\$25,000-34,999	710	36.8	32.0	41.7	33.2	28.5	37.9
\$35,000-49,999	829	30.5	26.4	34.6	28.5	25.0	32.0
\$50,000-74,999	848	34.7	30.3	39.2	32.3	28.5	36.1
≥\$75,000	1,033	26.5	23.0	30.0	28.2	24.7	31.6

Definition: “Yes” response to question “Have you EVER been told by a doctor, nurse or other health professional that you have high blood pressure? If “Yes” and respondent is female, ask: “Was this only when you were pregnant?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 21 Hypertension Awareness

Table 21.2 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	2,763	80.2	77.7	82.7	62.3	58.6	66.1
REGION							
Central	323	78.8	72.1	85.5	63.7	56.5	70.9
Kansas City Metro	521	81.1	76.2	86.0	68.9	59.4	78.3
Northeast	286	70.3	59.5	81.1	45.5	36.4	54.5
Northwest	292	80.8	72.4	89.2	74.9	68.2	81.6
Southeast	351	83.5	77.1	89.9	67.3	55.5	79.1
Southwest	323	76.6	68.9	84.2	55.5	47.3	63.8
St. Louis Metro	667	81.9	77.2	86.6	59.6	53.2	66.1
GENDER							
Female	1,693	85.2	82.2	88.1	64.4	59.3	69.5
Male	1,070	75.1	71.0	79.1	60.4	55.3	65.5
RACE							
African-American	305	78.3	71.0	85.7	67.2	56.3	78.1
Other	147	70.8	56.9	84.7	61.0	52.1	69.9
White	2,293	80.9	78.2	83.6	62.1	58.0	66.2
EDUCATION							
< High School	372	77.6	70.2	84.9	59.7	50.5	68.9
High School	1,090	81.8	77.9	85.7	61.1	54.8	67.3
>High School	1,294	79.8	76.2	83.3	62.5	57.9	67.1
INCOME							
<\$15,000	399	71.6	62.8	80.4	62.3	54.4	70.1
\$15,000-24,999	570	79.9	74.9	84.9	60.2	52.7	67.8
\$25,000-34,999	318	80.4	72.1	88.7	55.3	48.4	62.3
\$35,000-49,999	339	80.5	74.6	86.3	60.7	50.0	71.3
\$50,000-74,999	316	80.9	74.2	87.6	65.4	56.5	74.3
≥\$75,000	330	79.8	73.1	86.6	70.3	58.6	81.9

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.1 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	2,328	75.7	73.1	78.3	79.1	74.8	83.5
REGION							
Central	279	80.9	75.4	86.4	84.3	76.6	92.0
Kansas City Metro	440	76.5	71.1	81.9	78.0	67.7	88.4
Northeast	258	74.2	67.8	80.6	80.3	70.4	90.2
Northwest	265	73.5	67.0	80.0	79.6	72.0	87.1
Southeast	298	77.5	71.3	83.7	87.3	84.0	90.6
Southwest	251	74.7	67.1	82.3	70.8	60.4	81.2
St. Louis Metro	537	73.6	68.3	78.9	60.0	54.1	66.0
GENDER							
Female	1,473	76.9	73.7	80.1	79.7	73.6	85.9
Male	855	74.5	70.4	78.6	78.3	72.6	84.1
RACE							
African-American	259	91.7	87.7	95.7	92.6	88.1	97.0
Other	106	79.5	69.2	89.8	80.1	71.2	89.0
White	1,948	73.2	70.2	76.2	59.9	56.0	63.8
EDUCATION							
< High School	314	73.0	65.8	80.2	78.6	69.7	87.6
High School	916	78.3	74.7	81.9	79.8	70.9	88.7
>High School	1,092	74.8	70.8	78.8	74.2	64.9	83.4
INCOME							
<\$15,000	315	77.7	70.7	84.8	80.2	72.3	88.1
\$15,000-24,999	471	75.1	69.6	80.5	81.6	74.5	88.8
\$25,000-34,999	272	74.9	67.3	82.5	78.0	67.2	88.7
\$35,000-49,999	286	70.5	62.0	79.0	67.1	62.3	71.9
\$50,000-74,999	274	77.1	69.4	84.8	70.4	63.0	77.9
≥\$75,000	285	78.6	72.0	85.3	78.8	70.7	87.0

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "(Are you) changing your eating habits (to help lower or control your high blood pressure)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.2 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	2,336	75.3	72.6	78.1	75.5	70.5	80.4
REGION							
Central	279	77.9	71.1	84.8	77.0	65.6	88.3
Kansas City Metro	443	72.0	65.6	78.3	68.0	55.9	80.1
Northeast	260	74.2	67.7	80.8	82.1	73.7	90.5
Northwest	268	65.3	57.1	73.5	55.7	44.8	66.7
Southeast	297	72.6	65.0	80.2	70.3	57.3	83.3
Southwest	250	80.9	74.2	87.5	79.2	67.2	91.2
St. Louis Metro	539	75.8	70.3	81.2	61.7	55.5	67.9
GENDER							
Female	1,479	80.2	77.5	83.0	83.9	79.1	88.6
Male	857	70.4	65.7	75.1	70.0	63.0	77.1
RACE							
African-American	259	80.6	72.1	89.2	83.4	75.3	91.4
Other	107	76.4	62.5	90.3	76.9	64.4	89.3
White	1,955	74.4	71.5	77.4	60.1	56.1	64.1
EDUCATION							
< High School	314	78.6	71.8	85.3	81.8	73.2	90.3
High School	920	77.7	73.8	81.6	78.7	69.7	87.6
>High School	1,096	72.4	68.0	76.7	69.1	59.3	78.9
INCOME							
<\$15,000	317	83.6	77.7	89.4	86.0	79.7	92.4
\$15,000-24,999	474	76.6	70.8	82.4	72.9	62.1	83.8
\$25,000-34,999	273	73.1	64.3	82.0	58.4	46.6	70.1
\$35,000-49,999	285	75.0	66.7	83.2	65.9	58.3	73.5
\$50,000-74,999	274	72.8	64.8	80.8	66.6	59.5	73.7
≥\$75,000	286	72.0	63.9	80.1	71.4	62.0	80.7

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "(Are you) cutting down on salt (to help lower or control your high blood pressure)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.3 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	2,327	28.1	24.9	31.3	33.4	27.8	38.9
REGION							
Central	280	28.9	20.9	36.8	34.5	27.3	41.7
Kansas City Metro	441	26.0	19.8	32.2	29.4	19.0	39.8
Northeast	257	21.6	14.6	28.7	27.5	17.6	37.5
Northwest	266	19.9	13.3	26.4	28.9	20.6	37.2
Southeast	297	26.2	15.8	36.5	33.5	25.8	41.3
Southwest	251	32.8	23.3	42.2	46.5	36.4	56.5
St. Louis Metro	535	29.2	23.0	35.3	22.1	15.9	28.4
GENDER							
Female	1,474	22.9	19.2	26.6	28.9	19.7	38.2
Male	853	33.4	28.2	38.6	36.8	30.0	43.5
RACE							
African-American	258	34.2	23.2	45.2	41.4	32.7	50.1
Other	107	27.9	14.7	41.1	30.6	20.2	41.0
White	1,947	27.4	23.9	30.8	21.1	17.1	25.0
EDUCATION							
< High School	313	28.1	19.1	37.1	38.4	27.0	49.7
High School	916	29.9	24.6	35.2	31.2	24.6	37.8
>High School	1,092	26.9	22.5	31.3	30.3	20.5	40.2
INCOME							
<\$15,000	317	29.2	18.0	40.4	32.8	24.3	41.2
\$15,000-24,999	471	26.6	20.4	32.8	22.1	15.5	28.7
\$25,000-34,999	273	21.6	14.8	28.5	35.4	25.3	45.5
\$35,000-49,999	285	34.0	24.9	43.1	36.0	21.0	51.1
\$50,000-74,999	274	30.4	21.4	39.5	23.1	14.8	31.5
≥\$75,000	284	31.1	22.7	39.4	38.4	29.5	47.3

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "(Are you) reducing alcohol use (to help lower or control high blood pressure?)"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.4 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	2,331	65.9	62.8	69.0	65.9	60.1	71.7
REGION							
Central	279	65.7	57.4	74.0	68.7	56.0	81.3
Kansas City Metro	442	57.1	49.9	64.4	52.8	41.4	64.2
Northeast	260	63.9	55.9	71.9	63.2	46.0	80.5
Northwest	266	60.0	52.0	68.0	52.3	41.9	62.8
Southeast	297	64.5	56.6	72.4	73.4	65.6	81.1
Southwest	249	70.3	62.6	78.1	66.2	61.5	70.9
St. Louis Metro	538	70.8	65.2	76.5	59.5	53.3	65.6
GENDER							
Female	1,477	67.0	63.4	70.6	66.6	58.4	74.7
Male	854	64.8	59.9	69.7	65.2	57.1	73.2
RACE							
African-American	257	64.5	54.4	74.5	65.6	55.3	75.8
Other	107	60.1	44.2	75.9	64.4	54.5	74.3
White	1,952	66.5	63.2	69.8	54.0	49.5	58.4
EDUCATION							
< High School	314	64.6	55.6	73.5	66.8	56.3	77.4
High School	919	60.8	56.2	65.5	59.4	51.8	67.1
>High School	1,092	70.1	65.8	74.5	66.2	56.1	76.3
INCOME							
<\$15,000	314	60.5	50.0	71.0	61.4	51.1	71.7
\$15,000-24,999	474	63.8	57.4	70.2	71.0	64.2	77.8
\$25,000-34,999	272	59.6	50.3	68.9	52.2	39.9	64.5
\$35,000-49,999	285	65.3	56.5	74.0	48.6	41.3	56.0
\$50,000-74,999	273	69.8	61.9	77.8	61.6	54.2	69.1
≥\$75,000	285	74.7	67.4	82.1	76.2	67.6	84.7

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "(Are you) exercising (to help lower or control your high blood pressure)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.5 Advised by a doctor or healthcare professional 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	2,325	61.8	58.7	65.0	65.2	59.2	71.2
REGION							
Central	278	59.6	51.2	68.0	62.6	49.8	75.4
Kansas City Metro	442	62.3	55.4	69.2	68.4	58.7	78.0
Northeast	258	55.4	47.0	63.7	50.6	32.9	68.3
Northwest	266	65.2	57.8	72.5	61.2	52.7	69.8
Southeast	298	56.6	47.4	65.7	52.6	39.8	65.4
Southwest	248	60.4	52.1	68.8	61.6	48.1	75.2
St. Louis Metro	535	65.1	59.0	71.2	54.9	48.6	61.2
GENDER							
Female	1,473	60.4	56.6	64.2	70.7	65.2	76.2
Male	852	63.3	58.2	68.3	63.5	55.2	71.7
RACE							
African-American	258	75.9	66.6	85.3	80.1	72.0	88.2
Other	106	62.1	46.1	78.2	61.6	46.9	76.4
White	1,947	59.9	56.5	63.3	48.5	44.1	53.0
EDUCATION							
< High School	310	54.9	45.4	64.3	51.4	39.5	63.3
High School	916	62.8	58.2	67.4	69.2	59.8	78.5
>High School	1,093	63.8	59.4	68.2	69.5	63.6	75.3
INCOME							
<\$15,000	315	63.0	52.6	73.5	67.6	55.7	79.5
\$15,000-24,999	470	55.4	48.8	62.0	55.9	42.2	69.6
\$25,000-34,999	269	58.7	49.4	68.1	53.6	41.9	65.4
\$35,000-49,999	286	66.4	58.5	74.3	75.9	65.5	86.3
\$50,000-74,999	274	70.8	62.7	79.0	72.1	64.5	79.7
≥\$75,000	286	68.1	60.2	76.0	68.1	58.8	77.4

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "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 - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.6 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	2,317	67.7	64.7	70.8	68.0	61.8	74.2
REGION							
Central	278	65.1	57.1	73.2	65.7	52.9	78.4
Kansas City Metro	438	66.0	58.8	73.2	64.8	52.2	77.4
Northeast	258	64.9	57.3	72.5	65.9	55.9	75.9
Northwest	266	62.2	54.4	70.1	56.9	47.7	66.1
Southeast	294	61.0	51.5	70.5	53.9	40.7	67.0
Southwest	247	69.2	61.3	77.2	69.1	55.9	82.3
St. Louis Metro	536	72.0	66.5	77.4	61.8	56.6	67.1
GENDER							
Female	1,464	69.0	65.5	72.4	77.9	74.1	81.6
Male	853	66.5	61.4	71.5	63.8	55.4	72.1
RACE							
African-American	258	82.6	75.4	89.8	84.7	77.4	92.1
Other	105	71.0	56.7	85.3	71.7	59.8	83.6
White	1,939	65.4	62.0	68.7	53.2	48.8	57.7
EDUCATION							
< High School	310	65.0	55.6	74.3	61.3	49.1	73.6
High School	913	71.2	67.1	75.2	78.3	73.3	83.4
>High School	1,088	66.1	61.6	70.6	65.5	55.7	75.2
INCOME							
<\$15,000	315	74.6	65.3	84.0	78.1	68.0	88.1
\$15,000-24,999	469	69.5	63.6	75.4	69.5	58.7	80.3
\$25,000-34,999	269	72.3	64.4	80.3	61.0	50.1	72.0
\$35,000-49,999	284	68.7	60.3	77.1	65.7	60.0	71.3
\$50,000-74,999	272	63.4	54.4	72.5	56.7	49.1	64.3
≥\$75,000	286	68.0	60.1	75.9	69.3	59.9	78.7

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "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)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.7 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	2,328	22.8	19.9	25.7	23.4	18.1	28.7
REGION							
Central	279	18.2	11.6	24.7	16.2	8.3	24.1
Kansas City Metro	438	21.2	14.8	27.5	26.8	15.3	38.4
Northeast	260	15.2	9.5	21.0	17.7	4.5	30.8
Northwest	266	19.7	12.7	26.6	30.3	20.4	40.1
Southeast	299	18.7	11.6	25.7	22.4	8.6	36.2
Southwest	251	22.3	14.4	30.2	20.7	12.6	28.9
St. Louis Metro	535	28.5	22.5	34.4	22.2	16.3	28.2
GENDER							
Female	1,474	16.4	13.4	19.5	17.6	11.2	23.9
Male	854	29.2	24.3	34.0	28.5	21.3	35.6
RACE							
African-American	257	34.0	23.2	44.8	43.8	36.4	51.3
Other	107	25.1	11.6	38.6	22.7	12.6	32.7
White	1,949	21.1	18.1	24.1	16.6	13.2	20.0
EDUCATION							
< High School	313	27.3	19.3	35.4	29.0	18.6	39.5
High School	918	25.0	20.1	29.9	27.0	18.7	35.3
>High School	1,091	19.5	15.6	23.3	16.6	11.6	21.6
INCOME							
<\$15,000	316	23.5	15.1	32.0	29.0	17.9	40.0
\$15,000-24,999	474	27.0	20.5	33.4	28.7	16.9	40.5
\$25,000-34,999	272	19.5	11.6	27.4	28.3	21.2	35.4
\$35,000-49,999	286	24.3	16.7	31.9	18.3	9.0	27.6
\$50,000-74,999	272	25.5	17.0	34.0	17.2	11.3	23.1
≥\$75,000	282	22.0	13.5	30.4	28.7	22.3	35.1

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "Has a doctor or other health care professional ever advised you to reduce alcohol use (to help lower or control your high blood pressure)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.8 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	2,317	75.1	72.3	77.8	78.2	73.1	83.3
REGION							
Central	278	70.2	62.8	77.6	72.2	60.8	83.6
Kansas City Metro	434	82.4	78.2	86.6	88.0	84.2	91.9
Northeast	259	70.4	62.8	78.1	76.9	64.7	89.1
Northwest	267	78.2	72.4	83.9	83.2	76.1	90.3
Southeast	296	64.9	55.1	74.8	57.3	44.5	70.1
Southwest	247	74.6	67.6	81.6	78.3	67.9	88.8
St. Louis Metro	536	75.6	70.1	81.1	63.9	58.4	69.3
GENDER							
Female	1,469	75.0	71.7	78.4	80.2	74.4	86.0
Male	848	75.1	70.8	79.4	77.2	70.2	84.2
RACE							
African-American	258	80.5	71.6	89.3	84.2	76.5	91.8
Other	106	73.1	58.4	87.8	74.6	61.7	87.5
White	1,938	74.5	71.6	77.4	63.3	60.1	66.4
EDUCATION							
< High School	313	70.4	61.6	79.1	70.0	60.1	79.9
High School	913	75.5	71.6	79.4	82.9	79.1	86.7
>High School	1,085	76.5	72.7	80.3	79.4	73.2	85.7
INCOME							
<\$15,000	315	77.4	69.4	85.4	81.9	75.0	88.8
\$15,000-24,999	470	71.0	65.0	77.0	71.1	58.7	83.4
\$25,000-34,999	268	71.3	62.7	79.9	76.9	67.1	86.8
\$35,000-49,999	282	77.4	70.6	84.3	73.0	67.1	78.9
\$50,000-74,999	273	77.6	69.8	85.5	79.6	71.7	87.5
≥\$75,000	286	83.2	77.5	88.8	84.1	76.6	91.5

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "Has a doctor or other health care professional ever advised you to exercise (to help lower or control your high blood pressure)?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.9 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	2,336	90.5	88.1	92.9	82.0	76.4	87.6
REGION							
Central	280	86.7	79.1	94.4	70.7	59.4	82.1
Kansas City Metro	441	91.8	87.6	96.0	87.2	77.1	97.3
Northeast	258	87.2	79.2	95.1	74.5	62.5	86.5
Northwest	268	92.0	86.6	97.5	81.4	76.9	85.9
Southeast	299	95.2	91.9	98.4	94.3	88.9	99.7
Southwest	251	86.3	77.7	94.9	77.1	66.6	87.7
St. Louis Metro	539	92.2	88.5	95.9	73.5	68.4	78.6
GENDER							
Female	1,479	91.9	89.3	94.5	82.4	76.4	88.3
Male	857	89.0	85.1	93.0	81.9	74.3	89.5
RACE							
African-American	259	94.9	91.8	98.0	95.3	92.0	98.5
Other	107	90.2	77.8	102.6	80.3	70.3	90.3
White	1,955	89.8	87.1	92.5	73.4	70.3	76.5
EDUCATION							
< High School	314	90.9	85.6	96.1	83.8	73.1	94.6
High School	919	90.0	85.7	94.3	80.6	70.0	91.1
>High School	1,097	90.6	87.3	94.0	78.9	72.7	85.0
INCOME							
<\$15,000	317	88.2	78.3	98.1	84.8	81.1	88.6
\$15,000-24,999	473	89.1	84.2	93.9	76.5	69.5	83.4
\$25,000-34,999	273	89.7	82.9	96.5	72.0	61.1	82.9
\$35,000-49,999	286	93.4	89.7	97.2	94.2	89.7	98.7
\$50,000-74,999	274	94.0	88.8	99.1	79.9	73.4	86.4
≥\$75,000	286	87.8	81.1	94.5	86.7	78.8	94.7

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "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 - 2011

Chapter 22 Actions to Control High Blood Pressure (HBP)

Table 22.10 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	2,306	76.1	73.1	79.1	70.9	64.3	77.4
REGION							
Central	276	66.8	57.8	75.9	50.8	43.2	58.4
Kansas City Metro	435	76.5	70.6	82.4	77.7	69.2	86.2
Northeast	254	72.3	63.2	81.4	51.9	37.5	66.3
Northwest	266	81.8	76.4	87.1	84.9	77.8	92.1
Southeast	298	84.2	79.5	89.0	88.6	83.6	93.6
Southwest	249	73.6	64.5	82.8	72.3	61.4	83.1
St. Louis Metro	528	78.4	73.0	83.9	61.5	54.4	68.6
GENDER							
Female	1,458	76.8	73.4	80.2	70.8	61.4	80.2
Male	848	75.5	70.5	80.4	71.2	62.6	79.8
RACE							
African-American	254	80.4	69.8	91.0	81.1	74.1	88.2
Other	106	76.6	62.4	90.8	71.1	58.4	83.8
White	1,932	75.5	72.3	78.7	61.3	57.4	65.3
EDUCATION							
< High School	307	80.5	73.6	87.4	77.5	66.4	88.7
High School	911	76.0	71.2	80.7	65.7	56.0	75.4
>High School	1,082	74.6	70.0	79.1	66.4	56.5	76.4
INCOME							
<\$15,000	314	75.2	64.1	86.3	69.8	60.3	79.4
\$15,000-24,999	468	81.0	76.3	85.8	81.4	71.2	91.6
\$25,000-34,999	269	76.2	68.3	84.2	79.6	69.5	89.6
\$35,000-49,999	285	83.0	77.1	88.8	78.2	75.1	81.3
\$50,000-74,999	272	71.6	62.1	81.1	67.4	60.5	74.2
≥\$75,000	282	73.6	65.3	81.9	75.8	66.6	84.9

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "Were you told on two or more different visits to a doctor or other health professional that you had high blood pressure?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 23 Cholesterol awareness

Table 23.1 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	6,276	78.2	76.5	79.9	76.7	75.1	78.3
REGION							
Central	710	73.3	68.3	78.3	73.6	69.7	77.5
Kansas City Metro	1,195	80.5	77.0	84.0	79.5	76.4	82.6
Northeast	612	80.0	74.3	85.7	77.4	71.7	83.0
Northwest	648	79.0	73.3	84.7	79.4	74.9	84.0
Southeast	712	75.7	71.1	80.2	73.2	68.6	77.8
Southwest	786	76.9	72.4	81.4	75.5	71.3	79.6
St. Louis Metro	1,613	79.4	76.2	82.6	77.0	73.9	80.1
GENDER							
Female	3,847	80.9	78.7	83.0	78.6	76.5	80.6
Male	2,429	75.4	72.8	78.0	74.8	72.4	77.2
RACE							
African-American	550	72.8	67.1	78.6	74.2	69.5	78.9
Other	384	66.3	57.7	74.9	74.4	69.0	79.7
White	5,300	79.9	78.1	81.6	77.3	75.5	79.1
EDUCATION							
< High School	654	71.2	65.5	77.0	70.9	66.0	75.8
High School	2,205	73.1	70.1	76.2	69.2	66.2	72.2
>High School	3,400	83.1	81.1	85.1	81.5	79.5	83.5
INCOME							
<\$15,000	771	68.0	62.4	73.5	70.8	65.6	76.0
\$15,000-24,999	1,127	69.3	65.3	73.3	66.0	62.1	69.8
\$25,000-34,999	697	79.4	74.7	84.0	76.6	71.5	81.6
\$35,000-49,999	816	80.2	75.7	84.7	77.3	73.1	81.6
\$50,000-74,999	843	85.2	81.6	88.8	80.9	77.2	84.6
≥\$75,000	1,022	87.3	83.7	90.9	85.2	81.5	89.0

Definition: "Yes" responses to the questions "Have you ever been told by a doctor or other health professional that you have high blood pressure" AND "Blood cholesterol is a fatty substance found in the blood. Have you EVER had your blood cholesterol checked?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 23 Cholesterol awareness

Table 23.2.1 Had blood cholesterol checked 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	5,460	73.9	72.2	75.6	70.7	68.4	73.0
REGION							
Central	606	72.4	67.9	76.9	68.4	61.9	74.9
Kansas City Metro	1,062	74.2	70.7	77.7	70.9	66.4	75.4
Northeast	543	70.9	64.6	77.2	66.1	57.9	74.4
Northwest	578	70.4	63.8	77.0	66.7	59.1	74.3
Southeast	605	76.3	71.7	80.9	72.3	65.8	78.8
Southwest	667	71.6	67.0	76.3	66.9	60.8	72.9
St. Louis Metro	1,399	75.2	72.1	78.3	73.1	69.0	77.2
GENDER							
Female	3,415	73.7	71.6	75.8	70.4	67.4	73.3
Male	2,045	74.1	71.4	76.9	71.2	67.7	74.7
RACE							
African-American	455	79.7	74.6	84.7	78.1	72.2	83.9
Other	312	67.3	58.1	76.5	68.3	60.2	76.4
White	4,659	73.6	71.8	75.4	70.3	67.7	72.8
EDUCATION							
< High School	536	78.9	73.4	84.4	74.5	67.2	81.9
High School	1,861	72.4	69.4	75.5	66.4	62.1	70.8
>High School	3,049	73.5	71.3	75.6	72.4	69.7	75.1
INCOME							
<\$15,000	633	75.1	69.5	80.8	73.1	66.5	79.6
\$15,000-24,999	906	76.9	73.0	80.8	70.6	64.6	76.7
\$25,000-34,999	608	76.9	72.3	81.4	74.6	68.6	80.6
\$35,000-49,999	721	69.5	64.5	74.4	66.7	60.3	73.1
\$50,000-74,999	760	69.8	65.1	74.4	68.4	62.9	73.8
≥\$75,000	955	75.1	71.6	78.6	76.0	71.8	80.1

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 the question "About how long has it been since you last had your blood cholesterol checked?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 23 Cholesterol awareness

Table 23.2.2 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	5,460	11.9	10.7	13.1	12.9	11.3	14.4
REGION							
Central	606	13.0	9.5	16.4	16.5	11.0	22.0
Kansas City Metro	1,062	14.8	11.8	17.8	16.8	12.8	20.7
Northeast	543	13.2	8.9	17.5	14.6	8.3	20.9
Northwest	578	9.7	6.1	13.3	10.4	5.6	15.1
Southeast	605	9.5	6.6	12.4	9.8	6.2	13.5
Southwest	667	8.7	6.1	11.3	8.8	5.9	11.7
St. Louis Metro	1,399	12.0	9.7	14.3	11.9	9.5	14.3
GENDER							
Female	3,415	12.3	10.7	13.9	13.1	11.1	15.2
Male	2,045	11.5	9.6	13.4	12.5	10.2	14.8
RACE							
African-American	455	10.8	6.9	14.8	10.7	6.7	14.8
Other	312	15.7	8.7	22.6	14.6	8.8	20.3
White	4,659	11.9	10.6	13.2	12.9	11.2	14.5
EDUCATION							
< High School	536	9.0	5.1	12.9	10.5	5.6	15.4
High School	1,861	13.5	11.3	15.8	16.0	12.7	19.3
>High School	3,049	11.8	10.2	13.3	11.7	10.0	13.4
INCOME							
<\$15,000	633	9.4	5.9	12.8	9.7	5.7	13.7
\$15,000-24,999	906	8.2	5.8	10.5	8.8	5.7	11.9
\$25,000-34,999	608	10.9	7.8	14.0	11.6	7.6	15.7
\$35,000-49,999	721	13.5	10.2	16.8	13.9	10.0	17.9
\$50,000-74,999	760	15.1	11.3	18.9	15.3	11.5	19.1
≥\$75,000	955	13.0	10.2	15.8	13.0	9.4	16.7

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 ago)" response to the question "About how long has it been since you last had your blood cholesterol checked?"

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Chapter 23 Cholesterol awareness

Table 23.2.3 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	5,460	7.6	6.5	8.6	8.7	7.2	10.3
REGION							
Central	606	7.6	4.9	10.2	8.2	4.8	11.5
Kansas City Metro	1,062	5.7	4.0	7.3	5.9	4.0	7.8
Northeast	543	7.4	3.9	11.0	9.0	3.4	14.7
Northwest	578	8.2	4.6	11.7	8.7	4.6	12.7
Southeast	605	6.6	3.9	9.2	8.3	4.0	12.6
Southwest	667	10.7	7.1	14.4	13.7	8.5	18.9
St. Louis Metro	1,399	7.6	5.6	9.6	9.1	6.3	11.9
GENDER							
Female	3,415	7.5	6.2	8.7	8.7	6.9	10.6
Male	2,045	7.7	5.9	9.5	8.7	6.2	11.2
RACE							
African-American	455	5.1	2.7	7.5	5.6	2.5	8.6
Other	312	10.9	3.8	18.0	9.4	3.9	14.8
White	4,659	7.6	6.5	8.7	8.9	7.1	10.6
EDUCATION							
< High School	536	6.3	2.7	9.8	7.4	3.0	11.9
High School	1,861	6.9	4.9	8.8	8.8	5.6	12.1
>High School	3,049	8.3	7.0	9.6	8.9	7.2	10.7
INCOME							
<\$15,000	633	8.5	3.9	13.1	9.4	4.2	14.6
\$15,000-24,999	906	8.1	5.5	10.6	10.9	6.8	15.0
\$25,000-34,999	608	6.6	3.9	9.4	7.1	3.7	10.4
\$35,000-49,999	721	10.0	6.4	13.6	11.2	6.7	15.7
\$50,000-74,999	760	7.6	5.3	9.9	9.3	5.7	12.9
≥\$75,000	955	7.0	5.1	9.0	6.5	4.7	8.3

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 ago)" response to the question "About how long has it been since you last had your blood cholesterol checked?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 23 Cholesterol awareness

Table 23.2.4 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	5,460	4.9	4.1	5.8	5.5	4.3	6.6
REGION							
Central	606	5.3	3.2	7.3	5.1	2.9	7.4
Kansas City Metro	1,062	3.6	2.2	4.9	4.0	1.9	6.1
Northeast	543	6.3	1.7	10.8	6.9	1.8	12.1
Northwest	578	8.7	2.9	14.6	10.4	3.3	17.5
Southeast	605	5.1	2.2	7.9	6.4	2.0	10.7
Southwest	667	7.6	5.0	10.3	8.6	5.0	12.3
St. Louis Metro	1,399	4.0	2.6	5.3	3.8	2.5	5.2
GENDER							
Female	3,415	4.8	3.8	5.8	5.2	3.9	6.4
Male	2,045	5.1	3.7	6.5	5.8	3.9	7.7
RACE							
African-American	455	2.2	0.0	4.5	2.2	0.0	4.5
Other	312	4.2	0.7	7.8	5.8	0.9	10.7
White	4,659	5.3	4.4	6.3	5.9	4.6	7.1
EDUCATION							
< High School	536	3.7	1.2	6.3	4.8	0.7	8.9
High School	1,861	5.6	4.0	7.3	6.8	4.2	9.4
>High School	3,049	4.9	3.8	5.9	5.0	3.8	6.1
INCOME							
<\$15,000	633	4.6	2.4	6.7	5.2	2.3	8.0
\$15,000-24,999	906	5.7	3.3	8.0	8.3	3.5	13.1
\$25,000-34,999	608	4.4	2.1	6.7	4.5	1.8	7.3
\$35,000-49,999	721	5.6	3.2	8.1	5.7	2.9	8.5
\$50,000-74,999	760	6.0	3.6	8.4	4.5	2.8	6.2
≥\$75,000	955	4.5	2.9	6.2	4.2	2.6	5.8

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 23 Cholesterol awareness

Table 23.3 Ever been told by a doctor, nurse or other health professional that 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	5,422	40.4	38.5	42.2	34.7	32.5	36.8
REGION							
Central	602	41.8	36.8	46.8	35.1	30.0	40.3
Kansas City Metro	1,055	42.3	38.6	46.1	36.7	32.9	40.4
Northeast	534	37.1	31.3	43.0	30.1	24.3	36.0
Northwest	577	35.3	30.0	40.7	29.9	25.1	34.7
Southeast	601	47.4	42.4	52.4	40.6	35.2	46.0
Southwest	663	39.5	34.8	44.2	33.4	27.7	39.2
St. Louis Metro	1,390	38.3	34.7	42.0	33.8	29.4	38.3
GENDER							
Female	3,393	38.7	36.4	40.9	32.4	29.6	35.2
Male	2,029	42.3	39.3	45.4	37.1	33.8	40.5
RACE							
African-American	453	35.5	29.3	41.8	32.8	27.0	38.6
Other	310	33.1	24.6	41.7	32.6	25.9	39.2
White	4,626	41.4	39.5	43.4	35.2	32.7	37.7
EDUCATION							
< High School	533	49.6	43.0	56.2	42.2	35.3	49.2
High School	1,850	45.8	42.6	49.0	37.1	33.0	41.3
>High School	3,025	35.3	33.0	37.6	31.8	29.0	34.7
INCOME							
<\$15,000	628	48.9	42.7	55.1	45.0	37.9	52.0
\$15,000-24,999	903	47.8	43.2	52.5	37.3	32.4	42.2
\$25,000-34,999	603	41.7	36.2	47.1	35.0	29.4	40.6
\$35,000-49,999	716	40.3	35.1	45.6	34.1	29.2	39.1
\$50,000-74,999	756	36.5	31.6	41.3	29.8	25.7	33.8
≥\$75,000	952	33.0	29.0	37.0	32.0	26.7	37.4

Definition: “Yes” responses to question “Have you ever had your blood cholesterol checked” AND “Have you ever been told by a doctor, nurse or other health professional that your blood cholesterol is high?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 24 Arthritis Burden and Management

Table 24.1 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	2,292	51.7	48.7	54.6	52.0	46.6	57.4
REGION							
Central	266	55.2	46.9	63.4	51.4	40.1	62.7
Kansas City Metro	414	52.5	46.6	58.5	47.8	39.1	56.6
Northeast	248	52.4	44.2	60.6	44.6	29.7	59.6
Northwest	241	52.4	43.6	61.2	60.4	49.4	71.5
Southeast	321	56.5	49.7	63.2	52.2	44.3	60.0
Southwest	262	57.6	50.2	65.1	62.1	52.8	71.4
St. Louis Metro	540	45.3	39.3	51.3	37.4	30.0	44.9
GENDER							
Female	1,535	52.4	48.8	56.0	49.7	43.6	55.8
Male	757	50.6	45.6	55.6	51.0	43.1	58.8
RACE							
African-American	194	63.0	52.7	73.4	55.3	43.1	67.6
Other	153	59.1	47.0	71.3	56.2	42.9	69.6
White	1,936	49.9	46.8	53.1	50.8	44.9	56.6
EDUCATION							
< High School	339	62.5	54.7	70.2	68.9	60.7	77.0
High School	845	49.9	45.2	54.6	48.4	40.4	56.3
>High School	1,105	48.4	44.3	52.6	45.9	38.9	53.0
INCOME							
<\$15,000	382	68.6	60.9	76.3	64.3	52.4	76.1
\$15,000-24,999	498	61.6	55.5	67.7	56.7	47.8	65.5
\$25,000-34,999	263	48.4	39.4	57.3	42.9	31.9	53.9
\$35,000-49,999	261	45.5	37.6	53.3	52.4	40.0	64.7
\$50,000-74,999	260	36.9	28.8	45.1	36.8	27.9	45.7
≥\$75,000	241	45.0	36.8	53.3	30.6	22.5	38.7

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 - 2011

Chapter 24 Arthritis Burden and Management

Table 24.2 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	2,274	33.6	30.8	36.4	36.9	32.1	41.7
REGION							
Central	263	33.3	25.9	40.6	30.9	23.0	38.7
Kansas City Metro	411	34.0	28.0	40.0	34.1	25.2	42.9
Northeast	247	35.8	27.9	43.6	31.6	23.1	40.0
Northwest	238	38.8	29.4	48.1	47.0	35.2	58.8
Southeast	321	38.3	31.6	45.1	39.9	28.4	51.4
Southwest	260	36.4	28.9	44.0	38.4	26.8	50.0
St. Louis Metro	534	29.5	24.0	35.1	29.9	22.2	37.5
GENDER							
Female	1,520	34.8	31.3	38.2	41.5	34.6	48.3
Male	754	31.9	27.3	36.5	31.9	24.8	39.0
RACE							
African-American	189	48.8	37.8	59.7	45.9	33.0	58.8
Other	151	40.1	27.5	52.7	38.8	27.1	50.5
White	1,925	31.6	28.7	34.5	35.3	29.7	40.8
EDUCATION							
< High School	337	45.8	37.9	53.6	54.3	44.0	64.6
High School	838	32.2	27.9	36.5	37.6	29.0	46.3
>High School	1,096	29.6	25.8	33.4	30.4	24.1	36.7
INCOME							
<\$15,000	378	47.4	39.8	55.1	49.2	38.8	59.6
\$15,000-24,999	491	46.3	39.9	52.7	48.2	40.4	55.9
\$25,000-34,999	264	33.8	24.5	43.1	38.8	26.0	51.7
\$35,000-49,999	257	27.4	19.9	34.9	35.1	28.5	41.7
\$50,000-74,999	257	22.9	16.3	29.5	21.5	12.9	30.1
≥\$75,000	240	26.5	19.1	33.8	18.4	11.9	24.9

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 - 2011

Chapter 24 Arthritis Burden and Management

Table 24.3.1 Arthritis or joint symptoms interfered with social activities a lot in past 30 days

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

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,284	20.9	18.6	23.2	19.7	16.4	22.9
REGION							
Central	266	23.1	16.9	29.3	20.8	13.2	28.5
Kansas City Metro	414	20.9	15.7	26.0	21.2	13.8	28.5
Northeast	248	22.2	15.6	28.8	18.8	10.3	27.4
Northwest	241	26.2	18.3	34.0	28.4	16.2	40.5
Southeast	320	25.9	20.3	31.4	25.8	16.3	35.4
Southwest	259	22.9	15.9	30.0	24.2	15.2	33.3
St. Louis Metro	536	16.7	12.4	21.0	12.7	8.2	17.3
GENDER							
Female	1,528	23.2	20.2	26.2	22.4	18.1	26.7
Male	756	17.7	14.1	21.3	15.3	10.8	19.8
RACE							
African-American	192	32.1	21.9	42.4	22.9	14.2	31.6
Other	152	28.6	17.2	40.0	26.5	15.1	38.0
White	1,931	19.2	16.9	21.6	18.6	14.9	22.2
EDUCATION							
< High School	336	31.5	24.6	38.5	32.3	23.2	41.5
High School	842	21.1	17.5	24.7	19.7	13.9	25.6
>High School	1,103	16.5	13.4	19.6	16.2	12.1	20.4
INCOME							
<\$15,000	375	42.5	34.9	50.0	34.3	26.9	41.7
\$15,000-24,999	498	29.4	23.6	35.3	26.6	19.1	34.2
\$25,000-34,999	262	22.4	14.7	30.1	22.1	12.7	31.6
\$35,000-49,999	262	9.2	5.5	12.8	5.9	2.8	9.0
\$50,000-74,999	260	6.9	3.8	10.0	5.2	2.1	8.3
≥\$75,000	241	11.6	6.4	16.9	10.4	4.6	16.2

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?”

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Table 24.3.2 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	2,284	25.8	23.2	28.4	30.2	25.2	35.2
REGION							
Central	266	25.2	18.2	32.1	30.5	17.8	43.3
Kansas City Metro	414	24.6	19.2	29.9	23.9	15.8	32.1
Northeast	248	23.6	16.7	30.5	17.7	8.1	27.3
Northwest	241	24.7	16.4	33.0	26.4	14.6	38.3
Southeast	320	29.1	22.1	36.2	37.6	25.6	49.6
Southwest	259	32.3	24.8	39.9	34.6	23.5	45.8
St. Louis Metro	536	23.1	18.1	28.0	21.8	15.4	28.2
GENDER							
Female	1,528	26.4	23.2	29.6	28.3	21.4	35.2
Male	756	25.0	20.6	29.4	30.1	22.9	37.3
RACE							
African-American	192	27.5	18.1	37.0	27.4	15.7	39.0
Other	152	33.0	21.6	44.4	39.4	28.7	50.2
White	1,931	25.1	22.3	27.9	29.0	23.3	34.7
EDUCATION							
< High School	336	29.9	22.4	37.5	36.1	26.1	46.1
High School	842	25.2	21.1	29.2	26.8	19.1	34.5
>High School	1,103	24.6	21.1	28.1	28.2	21.0	35.5
INCOME							
<\$15,000	375	24.1	17.7	30.5	24.8	14.4	35.2
\$15,000-24,999	498	34.8	28.5	41.0	46.4	38.7	54.1
\$25,000-34,999	262	22.6	16.3	28.9	23.5	15.8	31.3
\$35,000-49,999	262	28.7	21.2	36.1	40.9	28.7	53.1
\$50,000-74,999	260	19.5	13.0	26.0	19.1	11.8	26.4
≥\$75,000	241	20.1	13.5	26.7	13.8	7.9	19.8

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?”

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Table 24.3.3 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)

Demographic	Sample Size	Prevalence			Age-adjusted Prevalence		
		%	Lower CI	Upper CI	%	Lower CI	Upper CI
OVERALL	2,284	53.3	50.4	56.2	50.1	44.7	55.6
REGION							
Central	266	51.7	43.7	59.8	48.6	34.6	62.6
Kansas City Metro	414	54.6	48.6	60.6	54.9	46.6	63.1
Northeast	248	54.2	46.1	62.4	63.5	50.9	76.1
Northwest	241	49.1	40.2	58.1	45.2	30.8	59.7
Southeast	320	45.0	38.2	51.9	36.6	25.9	47.2
Southwest	259	44.7	37.1	52.4	41.1	29.6	52.7
St. Louis Metro	536	60.3	54.5	66.1	65.5	58.0	72.9
GENDER							
Female	1,528	50.5	46.9	54.0	49.3	42.0	56.7
Male	756	57.3	52.4	62.2	54.6	46.7	62.6
RACE							
African-American	192	40.4	29.6	51.1	49.8	36.4	63.1
Other	152	38.4	26.4	50.4	34.0	22.2	45.9
White	1,931	55.7	52.6	58.8	52.4	46.3	58.6
EDUCATION							
< High School	336	38.6	30.6	46.5	31.6	23.0	40.2
High School	842	53.8	49.2	58.4	53.5	45.2	61.8
>High School	1,103	58.9	54.8	63.0	55.5	48.0	63.1
INCOME							
<\$15,000	375	33.5	25.8	41.2	40.9	30.0	51.8
\$15,000-24,999	498	35.8	30.0	41.7	27.0	19.7	34.3
\$25,000-34,999	262	55.0	46.2	63.8	54.4	44.7	64.0
\$35,000-49,999	262	62.2	54.5	69.9	53.2	40.9	65.6
\$50,000-74,999	260	73.6	66.6	80.7	75.7	68.6	82.7
≥\$75,000	241	68.3	60.6	76.0	58.7	50.8	66.6

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?”

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Table 24.4.1 Joint pain was 7 or greater on a scale of 0-10 with 10 being the worst

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	2,246	30.4	27.7	33.0	30.3	25.2	35.4
REGION							
Central	261	21.6	15.9	27.2	17.6	11.1	24.0
Kansas City Metro	406	28.5	22.8	34.3	28.5	20.1	36.9
Northeast	246	33.4	25.2	41.5	38.9	21.4	56.3
Northwest	236	27.8	19.7	35.9	32.2	20.1	44.4
Southeast	313	38.2	31.7	44.8	31.8	24.2	39.3
Southwest	256	34.8	26.9	42.7	36.2	25.2	47.2
St. Louis Metro	528	29.5	24.2	34.8	25.9	19.3	32.6
GENDER							
Female	1,504	32.3	29.1	35.6	32.1	26.5	37.8
Male	742	27.6	23.1	32.1	25.0	18.4	31.6
RACE							
African-American	192	49.1	38.1	60.0	40.0	27.3	52.7
Other	148	43.2	30.7	55.7	38.6	27.5	49.7
White	1,898	27.6	24.8	30.3	28.4	22.8	34.1
EDUCATION							
< High School	324	47.8	39.7	55.9	53.2	43.4	63.0
High School	832	31.7	27.3	36.0	29.6	23.0	36.2
>High School	1,087	22.4	19.1	25.7	22.0	16.5	27.4
INCOME							
<\$15,000	371	50.0	42.2	57.8	42.0	32.3	51.8
\$15,000-24,999	487	45.1	38.8	51.4	49.5	39.5	59.5
\$25,000-34,999	261	26.3	18.6	34.0	24.4	15.8	32.9
\$35,000-49,999	260	20.2	14.1	26.4	14.3	9.4	19.3
\$50,000-74,999	256	15.4	9.8	21.1	16.3	9.7	22.8
≥\$75,000	240	12.9	7.5	18.2	6.7	4.0	9.5

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "7, 8, 9, or 10" response to "Please think about the past 30 days, keeping in mind all of your joint pain or aching and whether or not you have taken medication. During the past 30 days, how bad was your joint pain ON AVERAGE? Please answer on a scale of 0 to 10 where 0 is no pain or aching and 10 is pain or aching as bad as it can be."

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Table 24.4.2 Joint pain was 1-6 on a scale of 0-10 with 10 being the worst

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	2,246	63.8	61.0	66.7	64.6	59.4	69.8
REGION							
Central	261	69.9	62.7	77.1	76.3	69.0	83.6
Kansas City Metro	406	66.8	61.0	72.6	69.0	60.6	77.3
Northeast	246	58.3	50.1	66.6	55.2	37.9	72.6
Northwest	236	66.2	57.7	74.7	63.5	51.3	75.8
Southeast	313	57.9	51.2	64.6	62.9	53.2	72.6
Southwest	256	60.9	53.0	68.8	60.2	49.0	71.4
St. Louis Metro	528	64.1	58.4	69.7	56.4	49.3	63.5
GENDER							
Female	1,504	61.3	57.9	64.8	59.9	53.2	66.5
Male	742	67.4	62.6	72.1	71.4	64.6	78.3
RACE							
African-American	192	40.5	29.9	51.1	41.4	28.8	53.9
Other	148	56.3	43.8	68.7	61.0	49.9	72.2
White	1,898	66.8	64.0	69.7	66.6	60.8	72.4
EDUCATION							
< High School	324	48.8	40.7	57.0	44.7	34.7	54.6
High School	832	61.0	56.4	65.6	63.0	55.9	70.0
>High School	1,087	72.0	68.5	75.5	71.9	65.5	78.4
INCOME							
<\$15,000	371	47.4	39.6	55.3	55.6	45.7	65.5
\$15,000-24,999	487	51.9	45.6	58.2	49.0	39.0	59.0
\$25,000-34,999	261	70.4	62.5	78.3	65.6	53.7	77.5
\$35,000-49,999	260	72.3	65.4	79.2	75.9	64.4	87.4
\$50,000-74,999	256	77.0	70.0	84.1	76.6	68.5	84.8
≥\$75,000	240	80.7	74.5	86.9	69.3	64.3	74.3

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "1, 2, 3, 4 or 6" response to "Please think about the past 30 days, keeping in mind all of your joint pain or aching and whether or not you have taken medication. During the past 30 days, how bad was your joint pain ON AVERAGE? Please answer on a scale of 0 to 10 where 0 is no pain or aching and 10 is pain or aching as bad as it can be."

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Table 24.4.3 Joint pain was 0 on a scale of 0-10 with 10 being the worst

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	2,246	5.8	4.5	7.1	5.2	3.3	7.0
REGION							
Central	261	8.6	2.8	14.4	6.2	1.6	10.7
Kansas City Metro	406	4.7	2.4	6.9	2.5	1.3	3.8
Northeast	246	8.3	4.5	12.1	5.9	1.7	10.1
Northwest	236	6.0	1.8	10.2	4.2	0.7	7.8
Southeast	313	3.9	1.5	6.2	5.3	0.0	11.9
Southwest	256	4.3	2.1	6.5	3.6	1.0	6.3
St. Louis Metro	528	6.5	3.9	9.1	17.7	14.8	20.6
GENDER							
Female	1,504	6.3	4.7	8.0	8.0	3.6	12.4
Male	742	5.1	3.0	7.1	3.5	1.4	5.7
RACE							
African-American	192	10.5	2.6	18.3	18.6	14.4	22.9
Other	148	0.6	0.0	1.5	0.4	0.0	1.0
White	1,898	5.6	4.4	6.9	5.0	3.1	6.9
EDUCATION							
< High School	324	3.4	0.7	6.0	2.1	0.4	3.9
High School	832	7.4	4.7	10.1	7.5	2.8	12.2
>High School	1,087	5.6	4.0	7.2	6.1	2.2	10.0
INCOME							
<\$15,000	371	2.6	0.6	4.5	2.4	0.3	4.5
\$15,000-24,999	487	3.0	1.2	4.8	1.6	0.7	2.5
\$25,000-34,999	261	3.3	1.0	5.7	10.0	1.8	18.3
\$35,000-49,999	260	7.5	3.7	11.3	9.8	0.0	20.2
\$50,000-74,999	256	7.5	2.6	12.5	7.1	2.1	12.2
≥\$75,000	240	6.4	2.9	10.0	6.9	2.7	11.2

Definition: "Yes" response to the question "(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "0" response to "Please think about the past 30 days, keeping in mind all of your joint pain or aching and whether or not you have taken medication. During the past 30 days, how bad was your joint pain ON AVERAGE? Please answer on a scale of 0 to 10 where 0 is no pain or aching and 10 is pain or aching as bad as it can be."

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Chapter 24 Arthritis Burden and Management Table 24.5.1 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	1,997	64.2	60.7	67.6	64.6	57.3	71.9
REGION							
Central	231	70.0	61.2	78.8	74.7	63.6	85.8
Kansas City Metro	364	65.0	57.5	72.4	61.6	50.8	72.4
Northeast	238	62.7	54.2	71.2	63.3	47.9	78.6
Northwest	222	61.5	52.5	70.4	60.0	51.4	68.6
Southeast	281	51.5	42.6	60.5	50.7	41.4	59.9
Southwest	211	62.2	53.0	71.5	64.9	53.9	75.9
St. Louis Metro	450	67.6	60.6	74.6	74.8	65.5	84.1
GENDER							
Female	1,355	61.1	56.9	65.4	64.6	57.8	71.3
Male	642	68.2	62.4	73.9	68.7	58.7	78.7
RACE							
African-American	169	54.5	40.8	68.2	55.7	38.7	72.7
Other	111	59.2	42.2	76.2	65.3	50.9	79.7
White	1,709	65.5	61.9	69.0	65.3	57.2	73.4
EDUCATION							
< High School	284	48.4	38.3	58.6	43.4	31.1	55.7
High School	752	63.5	58.1	68.9	65.9	56.0	75.8
>High School	958	71.5	67.2	75.8	74.3	67.4	81.1
INCOME							
<\$15,000	311	40.9	30.8	50.9	55.7	46.9	64.6
\$15,000-24,999	425	53.3	45.3	61.3	52.9	37.9	67.9
\$25,000-34,999	236	63.6	54.0	73.3	71.8	61.5	82.2
\$35,000-49,999	233	75.6	68.0	83.1	79.0	69.2	88.9
\$50,000-74,999	230	82.8	76.2	89.5	84.3	76.5	92.2
≥\$75,000	207	75.3	67.0	83.7	71.1	61.5	81.1

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"

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Table 24.5.2 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	1,997	22.4	19.5	25.2	21.8	15.6	28.0
REGION							
Central	231	16.1	10.3	21.8	13.1	5.7	20.5
Kansas City Metro	364	22.4	16.5	28.3	22.8	13.1	32.6
Northeast	238	24.4	17.1	31.7	28.3	13.3	43.3
Northwest	222	27.8	19.3	36.3	33.6	25.3	41.8
Southeast	281	31.2	21.7	40.7	35.1	26.5	43.7
Southwest	211	23.5	15.9	31.1	21.4	10.9	32.0
St. Louis Metro	450	19.9	14.4	25.4	14.0	8.3	19.6
GENDER							
Female	1,355	25.6	21.9	29.3	22.0	16.4	27.7
Male	642	18.1	13.8	22.4	18.1	10.6	25.6
RACE							
African-American	169	22.2	10.4	34.0	13.1	6.4	19.9
Other	111	13.8	5.8	21.8	13.2	4.5	21.9
White	1,709	23.1	20.1	26.2	23.7	16.4	30.9
EDUCATION							
< High School	284	27.4	18.6	36.3	29.3	16.0	42.6
High School	752	22.9	18.6	27.2	19.0	12.0	26.1
>High School	958	19.7	16.1	23.3	18.0	11.9	24.1
INCOME							
<\$15,000	311	27.9	19.4	36.3	20.9	13.7	28.1
\$15,000-24,999	425	27.2	21.0	33.4	28.7	15.5	41.8
\$25,000-34,999	236	26.3	17.5	35.0	21.8	11.7	31.9
\$35,000-49,999	233	19.7	12.5	26.9	18.3	8.5	28.1
\$50,000-74,999	230	13.8	7.6	19.9	13.7	5.9	21.6
≥\$75,000	207	19.9	12.2	27.6	1.3	0.2	2.5

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"

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Chapter 24 Arthritis Burden and Management Table 24.5.3 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	1,997	13.5	10.8	16.2	13.6	8.7	18.5
REGION							
Central	231	13.9	6.5	21.4	12.2	3.8	20.7
Kansas City Metro	364	12.7	6.0	19.3	15.6	7.2	23.9
Northeast	238	12.9	7.0	18.8	8.4	4.0	12.8
Northwest	222	10.7	5.4	16.1	6.5	3.2	9.7
Southeast	281	17.3	11.7	22.8	14.3	8.1	20.4
Southwest	211	14.2	7.1	21.3	13.7	4.2	23.2
St. Louis Metro	450	12.5	6.9	18.0	11.2	2.5	19.9
GENDER							
Female	1,355	13.3	10.1	16.4	13.4	7.8	19.0
Male	642	13.8	9.0	18.6	13.2	5.7	20.8
RACE							
African-American	169	23.4	11.1	35.6	31.2	14.1	48.2
Other	111	27.0	9.1	44.9	21.5	8.9	34.1
White	1,709	11.4	9.0	13.8	11.0	6.5	15.5
EDUCATION							
< High School	284	24.2	15.0	33.3	27.3	14.4	40.3
High School	752	13.6	9.4	17.8	15.1	7.6	22.5
>High School	958	8.8	5.9	11.6	7.7	2.5	12.9
INCOME							
<\$15,000	311	31.3	21.8	40.7	23.3	17.0	29.7
\$15,000-24,999	425	19.5	11.4	27.6	18.4	8.2	28.7
\$25,000-34,999	236	10.1	4.6	15.7	6.4	3.2	9.6
\$35,000-49,999	233	4.7	1.9	7.5	2.7	1.1	4.3
\$50,000-74,999	230	3.4	0.7	6.2	1.9	0.7	3.2
≥\$75,000	207	4.8	0.6	8.9	0.4	0.0	1.1

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”

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Table 24.6 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	1,997	34.1	30.8	37.5	34.2	26.9	41.5
REGION							
Central	232	34.9	24.8	45.1	36.4	25.7	47.2
Kansas City Metro	364	41.1	33.9	48.3	45.5	34.3	56.7
Northeast	237	29.9	22.2	37.5	21.8	14.2	29.4
Northwest	222	46.6	37.5	55.8	37.1	29.5	44.6
Southeast	283	35.2	25.9	44.5	38.9	31.9	45.8
Southwest	209	27.8	19.8	35.8	23.1	14.6	31.6
St. Louis Metro	450	31.6	25.1	38.1	26.2	14.7	37.6
GENDER							
Female	1,354	33.9	30.0	37.7	31.1	22.5	39.8
Male	643	34.4	28.6	40.3	35.2	25.1	45.2
RACE							
African-American	168	53.9	40.4	67.3	57.4	47.6	67.3
Other	111	29.3	15.5	43.1	23.4	13.4	33.5
White	1,710	32.7	29.2	36.2	33.5	25.6	41.4
EDUCATION							
< High School	284	28.7	20.5	36.9	27.6	15.7	39.6
High School	752	33.0	27.7	38.4	37.5	27.7	47.4
>High School	958	37.2	32.4	42.0	35.0	25.4	44.6
INCOME							
<\$15,000	312	30.7	22.0	39.3	23.0	16.1	29.8
\$15,000-24,999	425	37.0	29.4	44.6	30.6	21.6	39.5
\$25,000-34,999	235	35.3	26.5	44.1	31.2	21.8	40.5
\$35,000-49,999	233	36.4	27.3	45.6	30.4	17.2	43.7
\$50,000-74,999	230	28.0	19.8	36.1	33.5	23.5	43.5
≥\$75,000	206	40.6	30.9	50.2	4.3	2.4	6.3

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 - 2011

Chapter 24 Arthritis Burden and Management

Table 24.7 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	1,988	50.9	47.4	54.5	45.1	39.3	51.0
REGION							
Central	230	49.8	40.1	59.5	48.7	36.4	60.9
Kansas City Metro	363	52.2	44.9	59.6	44.0	32.3	55.7
Northeast	237	59.9	51.2	68.7	61.7	46.1	77.4
Northwest	221	51.7	42.6	60.9	46.4	31.0	61.9
Southeast	280	50.8	42.0	59.5	50.0	39.4	60.7
Southwest	209	52.2	42.3	62.0	46.4	34.3	58.6
St. Louis Metro	448	48.6	41.4	55.9	48.7	37.5	59.9
GENDER							
Female	1,349	53.1	48.8	57.3	47.9	39.0	56.8
Male	639	48.1	42.0	54.2	45.0	36.6	53.4
RACE							
African-American	168	63.0	49.7	76.4	74.3	63.1	85.4
Other	110	45.9	29.9	62.0	38.8	26.2	51.4
White	1,701	50.3	46.5	54.1	44.2	37.9	50.5
EDUCATION							
< High School	282	40.4	31.4	49.4	34.6	23.8	45.4
High School	748	48.4	42.8	54.1	42.2	32.7	51.8
>High School	955	57.4	52.6	62.2	54.5	44.7	64.2
INCOME							
<\$15,000	310	48.7	38.9	58.6	43.4	29.4	57.4
\$15,000-24,999	426	54.7	46.7	62.7	53.3	38.4	68.2
\$25,000-34,999	234	45.5	35.6	55.4	56.6	46.8	66.4
\$35,000-49,999	233	53.2	43.9	62.5	66.6	55.5	77.6
\$50,000-74,999	227	54.8	44.9	64.7	51.8	40.7	62.9
≥\$75,000	207	58.9	49.2	68.5	6.8	4.5	9.1

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 - 2011

Chapter 24 Arthritis Burden and Management

Table 24.8 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	2,001	11.4	9.2	13.7	10.4	7.5	13.4
REGION							
Central	232	10.5	6.1	14.9	7.7	4.0	11.3
Kansas City Metro	365	10.1	6.4	13.8	8.9	3.2	14.6
Northeast	239	7.2	4.0	10.4	4.1	2.2	6.0
Northwest	222	14.4	8.4	20.5	19.0	5.0	33.0
Southeast	282	10.0	5.3	14.6	7.3	3.7	10.8
Southwest	210	18.4	10.7	26.0	19.5	10.3	28.6
St. Louis Metro	451	9.7	5.1	14.4	7.9	2.7	13.2
GENDER							
Female	1,358	11.1	8.5	13.7	10.5	6.7	14.4
Male	643	11.9	8.0	15.7	9.9	5.7	14.1
RACE							
African-American	169	12.8	3.2	22.5	10.1	2.3	17.9
Other	111	10.1	3.3	16.8	8.0	3.3	12.7
White	1,712	11.4	9.0	13.8	11.2	7.6	14.8
EDUCATION							
< High School	285	6.3	2.4	10.1	5.5	0.3	10.7
High School	754	10.4	6.6	14.2	11.7	5.3	18.2
>High School	959	14.4	10.9	17.9	12.0	7.8	16.1
INCOME							
<\$15,000	313	11.9	7.0	16.8	8.1	4.6	11.6
\$15,000-24,999	427	13.3	7.7	18.8	9.5	5.0	14.0
\$25,000-34,999	236	10.3	4.4	16.3	29.6	21.4	37.8
\$35,000-49,999	233	12.4	6.5	18.3	16.0	6.2	25.8
\$50,000-74,999	230	16.6	7.6	25.6	12.5	2.6	22.5
≥\$75,000	206	10.3	5.2	15.4	0.6	0.0	1.3

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 - 2011

Chapter 25 Diabetes: Age at Diagnosis
Table 25.1 Told they had diabetes at age 18-44
 Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	736	28.7	22.5	34.9
REGION				
Central	78	34.0	16.9	51.1
Kansas City Metro	141	29.9	13.5	46.4
Northeast	72	33.9	17.4	50.5
Northwest	86	26.6	13.6	39.5
Southeast	99	28.1	14.5	41.8
Southwest	87	27.8	12.5	43.1
St. Louis Metro	173	27.0	16.2	37.8
GENDER				
Female	451	30.2	22.9	37.6
Male	285	27.1	16.9	37.3
RACE				
African-American	87	33.4	16.9	49.8
Other	41	--	--	--
White	601	27.5	20.5	34.6
EDUCATION				
< High School	110	37.1	19.1	55.1
High School	280	20.9	13.6	28.3
>High School	346	30.6	21.6	39.7
INCOME				
<\$15,000	127	32.5	14.0	51.1
\$15,000-24,999	162	31.9	19.7	44.0
\$25,000-34,999	98	33.1	11.7	54.5
\$35,000-49,999	92	36.4	16.2	56.6
\$50,000-74,999	71	26.0	8.4	43.6
≥\$75,000	71	24.7	9.9	39.4

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 25 Diabetes: Age at Diagnosis
Table 25.2 Told they had diabetes at age 45-64
 Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	736	52.6	46.8	58.4
REGION				
Central	78	47.4	32.2	62.6
Kansas City Metro	141	46.7	33.9	59.6
Northeast	72	45.5	30.2	60.7
Northwest	86	51.4	38.2	64.5
Southeast	99	54.3	41.5	67.1
Southwest	87	56.8	42.3	71.3
St. Louis Metro	173	55.4	44.1	66.6
GENDER				
Female	451	49.0	42.3	55.8
Male	285	56.4	46.8	66.0
RACE				
African-American	87	53.6	37.1	70.1
Other	41	--	--	--
White	601	52.3	45.8	58.7
EDUCATION				
< High School	110	40.4	25.5	55.4
High School	280	60.7	52.3	69.1
>High School	346	52.3	43.9	60.7
INCOME				
<\$15,000	127	49.0	33.1	64.9
\$15,000-24,999	162	46.3	34.9	57.8
\$25,000-34,999	98	43.8	26.6	61.0
\$35,000-49,999	92	44.8	27.9	61.7
\$50,000-74,999	71	69.5	51.9	87.1
≥\$75,000	71	70.0	54.7	85.3

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 25 Diabetes: Age at Diagnosis
Table 25.3 Told they had diabetes at age 65 +
 Prevalence with 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	736	17.2	14.0	20.5
REGION				
Central	78	18.3	9.9	26.7
Kansas City Metro	141	22.3	13.9	30.7
Northeast	72	20.6	12.1	29.2
Northwest	86	21.6	11.9	31.3
Southeast	99	16.9	9.4	24.3
Southwest	87	13.5	7.1	20.0
St. Louis Metro	173	15.4	8.9	21.9
GENDER				
Female	451	18.7	14.4	23.0
Male	285	15.7	10.7	20.6
RACE				
African-American	87	9.0	3.5	14.5
Other	41	--	--	--
White	601	19.0	15.1	22.9
EDUCATION				
< High School	110	21.6	12.3	30.8
High School	280	16.6	11.2	22.1
>High School	346	15.5	11.1	19.9
INCOME				
<\$15,000	127	13.3	5.5	21.1
\$15,000-24,999	162	21.4	14.0	28.8
\$25,000-34,999	98	21.7	11.5	31.9
\$35,000-49,999	92	18.4	8.1	28.8
\$50,000-74,999	71	4.0	0.0	8.8
≥\$75,000	71	3.0	0.0	6.4

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?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.1 Currently taking insulin for diabetes

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	779	26.8	21.9	31.6
REGION				
Central	86	30.0	13.0	47.0
Kansas City Metro	145	29.9	19.7	40.0
Northeast	80	34.7	21.4	48.0
Northwest	89	20.6	10.9	30.3
Southeast	105	31.2	18.8	43.6
Southwest	88	17.5	7.9	27.1
St. Louis Metro	186	28.1	18.4	37.8
GENDER				
Female	471	25.5	19.6	31.4
Male	308	28.2	20.4	35.9
RACE				
African-American	94	42.9	27.3	58.4
Other	46	--	--	--
White	631	23.4	18.4	28.3
EDUCATION				
< High School	125	25.1	14.7	35.4
High School	290	23.8	16.6	31.0
>High School	363	30.0	22.3	37.7
INCOME				
<\$15,000	134	23.5	13.1	33.9
\$15,000-24,999	173	32.0	22.1	41.9
\$25,000-34,999	103	27.1	13.0	41.3
\$35,000-49,999	92	24.6	8.5	40.8
\$50,000-74,999	75	28.9	11.6	46.1
≥\$75,000	71	23.2	11.4	35.0

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.

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.2 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	769	63.3	57.7	68.9
REGION				
Central	84	59.9	46.2	73.6
Kansas City Metro	143	74.4	65.5	83.4
Northeast	78	65.2	52.9	77.5
Northwest	88	61.6	48.2	75.0
Southeast	103	69.2	57.0	81.4
Southwest	88	57.9	43.5	72.4
St. Louis Metro	185	59.6	48.2	71.0
GENDER				
Female	463	67.5	60.3	74.7
Male	306	58.9	50.1	67.7
RACE				
African-American	93	67.6	51.0	84.3
Other	45	--	--	--
White	623	62.3	56.1	68.4
EDUCATION				
< High School	124	70.1	56.1	84.1
High School	286	57.4	48.4	66.4
>High School	358	64.4	56.7	72.1
INCOME				
<\$15,000	132	75.0	63.9	86.2
\$15,000-24,999	170	66.0	54.4	77.6
\$25,000-34,999	101	56.9	38.0	75.9
\$35,000-49,999	91	56.2	38.0	74.3
\$50,000-74,999	75	59.6	43.9	75.2
≥\$75,000	71	65.6	50.0	81.1

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.”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.3 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	762	66.7	61.3	72.1
REGION				
Central	84	67.0	54.6	79.4
Kansas City Metro	143	72.7	63.1	82.3
Northeast	74	73.6	61.9	85.3
Northwest	88	70.9	59.1	82.8
Southeast	102	76.8	67.1	86.5
Southwest	86	66.8	54.1	79.6
St. Louis Metro	185	59.5	48.0	71.0
GENDER				
Female	464	65.1	57.7	72.5
Male	298	68.5	60.7	76.3
RACE				
African-American	94	69.9	54.4	85.5
Other	45	-	--	--
White	616	66.3	60.3	72.2
EDUCATION				
< High School	123	66.7	52.6	80.9
High School	284	61.0	52.0	70.1
>High School	354	71.0	64.2	77.8
INCOME				
<\$15,000	134	68.5	55.4	81.6
\$15,000-24,999	169	64.7	53.9	75.5
\$25,000-34,999	102	57.2	38.2	76.1
\$35,000-49,999	89	74.1	61.5	86.7
\$50,000-74,999	74	79.3	67.4	91.1
≥\$75,000	70	58.5	41.6	75.4

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.”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.4.1 Had not seen a doctor in past 12 months for their diabetes

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	764	8.8	6.0	11.6
REGION				
Central	84	9.6	2.0	17.2
Kansas City Metro	144	9.7	4.8	14.7
Northeast	77	13.2	2.9	23.5
Northwest	87	14.6	4.4	24.7
Southeast	102	5.2	1.3	9.1
Southwest	85	6.3	0.4	12.2
St. Louis Metro	185	9.3	3.2	15.4
GENDER				
Female	462	9.9	6.0	13.8
Male	302	7.7	3.8	11.5
RACE				
African-American	91	11.3	0.3	22.2
Other	46	--	--	--
White	621	9.2	6.1	12.2
EDUCATION				
< High School	121	6.9	1.1	12.8
High School	284	12.2	6.3	18.1
>High School	358	7.0	4.0	10.0
INCOME				
<\$15,000	129	10.8	4.3	17.4
\$15,000-24,999	172	13.4	4.8	21.9
\$25,000-34,999	101	6.0	1.1	10.8
\$35,000-49,999	92	5.5	0.3	10.8
\$50,000-74,999	74	3.7	0.3	7.2
≥\$75,000	70	10.6	2.7	18.4

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.4.2 Had seen a doctor once within the past 12 months for their diabetes

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	764	13.5	9.2	17.7
REGION				
Central	84	13.2	4.6	21.8
Kansas City Metro	144	8.6	3.7	13.5
Northeast	77	9.2	1.5	17.0
Northwest	87	14.4	0.0	28.7
Southeast	102	12.6	5.7	19.5
Southwest	85	12.0	4.7	19.4
St. Louis Metro	185	17.5	7.3	27.8
GENDER				
Female	462	8.7	5.8	11.6
Male	302	18.5	10.6	26.4
RACE				
African-American	91	14.7	0.8	28.6
Other	46	--	--	--
White	621	12.2	7.9	16.4
EDUCATION				
< High School	121	12.8	2.3	23.3
High School	284	16.6	8.5	24.6
>High School	358	11.5	6.5	16.5
INCOME				
<\$15,000	129	6.4	1.4	11.4
\$15,000-24,999	172	8.2	1.4	14.9
\$25,000-34,999	101	14.0	4.9	23.1
\$35,000-49,999	92	7.2	1.8	12.6
\$50,000-74,999	74	23.2	6.1	40.3
≥\$75,000	70	19.0	1.7	36.3

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.4.3 Had seen a doctor 2 or more times within the past 12 months

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	764	77.7	73.0	82.5
REGION				
Central	84	77.2	66.0	88.3
Kansas City Metro	144	81.7	74.5	88.8
Northeast	77	77.6	65.5	89.7
Northwest	87	71.1	56.6	85.5
Southeast	102	82.2	74.2	90.2
Southwest	85	81.7	72.5	90.9
St. Louis Metro	185	73.2	62.3	84.2
GENDER				
Female	462	81.4	76.7	86.1
Male	302	73.9	65.6	82.1
RACE				
African-American	91	74.1	58.0	90.1
Other	46	--	--	--
White	621	78.7	73.7	83.6
EDUCATION				
< High School	121	80.3	68.6	91.9
High School	284	71.3	62.4	80.2
>High School	358	81.5	75.9	87.2
INCOME				
<\$15,000	129	82.8	74.3	91.3
\$15,000-24,999	172	78.5	68.6	88.3
\$25,000-34,999	101	80.1	69.6	90.6
\$35,000-49,999	92	87.3	79.5	95.0
\$50,000-74,999	74	73.1	56.0	90.1
≥\$75,000	70	70.4	53.3	87.5

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.5.1 Had 0 'A one C' test in past year

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	714	11.7	8.2	15.3
REGION				
Central	78	12.7	4.0	21.4
Kansas City Metro	135	9.9	4.2	15.6
Northeast	68	15.0	4.9	25.1
Northwest	83	8.1	1.0	15.3
Southeast	97	18.9	6.8	30.9
Southwest	84	9.1	2.8	15.5
St. Louis Metro	169	12.3	4.2	20.3
GENDER				
Female	435	12.0	7.7	16.4
Male	279	11.4	5.9	16.9
RACE				
African-American	85	19.7	3.7	35.8
Other	38	--	--	--
White	584	10.8	7.1	14.4
EDUCATION				
< High School	102	14.0	6.2	21.9
High School	265	18.2	10.3	26.2
>High School	346	5.5	2.5	8.5
INCOME				
<\$15,000	114	18.0	6.3	29.7
\$15,000-24,999	157	20.2	10.1	30.3
\$25,000-34,999	95	5.4	0.7	10.1
\$35,000-49,999	88	9.1	0.6	17.6
\$50,000-74,999	74	0.6	0.0	1.5
≥\$75,000	68	3.6	0.0	7.5

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"?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

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Table 26.5.2 Had 1 'A one C' test in past year

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	714	17.9	12.5	23.2
REGION				
Central	78	11.4	4.0	18.8
Kansas City Metro	135	9.4	3.9	14.9
Northeast	68	21.9	5.7	38.1
Northwest	83	21.6	6.4	36.9
Southeast	97	14.5	4.9	24.1
Southwest	84	12.8	5.6	20.0
St. Louis Metro	169	27.4	14.3	40.5
GENDER				
Female	435	18.7	11.5	25.8
Male	279	17.0	9.1	24.9
RACE				
African-American	85	25.4	8.8	42.0
Other	38	--	--	--
White	584	16.0	10.2	21.7
EDUCATION				
< High School	102	26.4	9.7	43.1
High School	265	18.2	10.3	26.1
>High School	346	13.4	7.6	19.2
INCOME				
<\$15,000	114	12.6	5.1	20.1
\$15,000-24,999	157	13.5	4.9	22.1
\$25,000-34,999	95	26.5	3.9	49.1
\$35,000-49,999	88	9.3	1.9	16.6
\$50,000-74,999	74	21.0	3.9	38.0
≥\$75,000	68	20.1	1.7	38.5

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"?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

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Chapter 25 Diabetes Management

Table 26.5.3 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	714	70.4	64.7	76.2
REGION				
Central	78	75.9	64.6	87.2
Kansas City Metro	135	80.7	72.6	88.8
Northeast	68	63.1	46.8	79.4
Northwest	83	70.3	54.9	85.6
Southeast	97	66.6	53.6	79.7
Southwest	84	78.1	68.8	87.5
St. Louis Metro	169	60.4	47.6	73.1
GENDER				
Female	435	69.3	61.8	76.8
Male	279	71.6	62.7	80.5
RACE				
African-American	85	54.9	37.3	72.5
Other	38	--	--	--
White	584	73.3	67.1	79.4
EDUCATION				
< High School	102	59.6	43.1	76.1
High School	265	63.6	54.1	73.0
>High School	346	81.1	74.8	87.4
INCOME				
<\$15,000	114	69.5	55.7	83.2
\$15,000-24,999	157	66.4	55.3	77.4
\$25,000-34,999	95	68.1	46.5	89.7
\$35,000-49,999	88	81.6	70.4	92.8
\$50,000-74,999	74	78.5	61.5	95.5
≥\$75,000	68	76.3	58.1	94.5

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"?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

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Chapter 26 Diabetes Management

Table 26.6 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	677	75.3	69.5	81.2
REGION				
Central	76	80.3	70.8	89.9
Kansas City Metro	122	68.2	50.8	85.6
Northeast	66	79.5	64.5	94.5
Northwest	75	82.9	73.9	92.0
Southeast	91	72.1	59.2	85.0
Southwest	78	69.9	54.6	85.2
St. Louis Metro	169	80.3	71.7	88.9
GENDER				
Female	413	74.3	67.9	80.7
Male	264	76.4	66.4	86.3
RACE				
African-American	83	75.8	57.8	93.8
Other	41	--	--	--
White	547	74.8	68.2	81.3
EDUCATION				
< High School	105	72.2	55.9	88.4
High School	249	78.9	71.2	86.6
>High School	323	74.3	66.3	82.4
INCOME				
<\$15,000	109	67.4	47.1	87.8
\$15,000-24,999	149	75.3	64.7	85.9
\$25,000-34,999	92	82.2	72.8	91.6
\$35,000-49,999	86	72.6	53.2	92.0
\$50,000-74,999	68	77.2	64.2	90.2
≥\$75,000	60	74.9	57.3	92.5

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 25 Diabetes Management

Table 26.7.1 Had dilated eye exam within past year

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	764	70.4	65.4	75.4
REGION				
Central	84	70.6	57.9	83.2
Kansas City Metro	143	77.2	68.5	85.9
Northeast	78	59.5	44.4	74.7
Northwest	86	66.4	51.9	80.8
Southeast	103	50.5	38.2	62.8
Southwest	85	60.0	46.1	73.9
St. Louis Metro	185	79.2	70.0	88.4
GENDER				
Female	463	69.7	63.4	76.0
Male	301	71.2	63.4	79.1
RACE				
African-American	93	60.8	44.3	77.2
Other	44	--	--	--
White	619	71.5	66.1	76.9
EDUCATION				
< High School	121	66.0	52.6	79.4
High School	283	66.9	58.7	75.1
>High School	360	75.3	68.9	81.7
INCOME				
<\$15,000	127	68.3	56.1	80.5
\$15,000-24,999	170	62.8	51.5	74.1
\$25,000-34,999	103	76.4	65.4	87.4
\$35,000-49,999	92	66.8	51.7	81.9
\$50,000-74,999	75	74.8	58.2	91.5
≥\$75,000	69	74.0	57.6	90.3

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 25 Diabetes Management

Table 26.7.2 Had dilated eye exam 1 or more years ago

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	764	24.7	20.1	29.3
REGION				
Central	84	25.6	13.8	37.4
Kansas City Metro	143	21.5	12.9	30.0
Northeast	78	39.9	24.7	55.1
Northwest	86	32.7	18.2	47.2
Southeast	103	34.6	22.2	47.0
Southwest	85	33.3	20.0	46.5
St. Louis Metro	185	16.5	8.2	24.8
GENDER				
Female	463	26.6	20.6	32.6
Male	301	22.7	15.5	29.9
RACE				
African-American	93	27.0	12.2	41.8
Other	44	--	--	--
White	619	24.6	19.5	29.8
EDUCATION				
< High School	121	28.1	15.5	40.6
High School	283	24.3	17.3	31.3
>High School	360	23.3	16.9	29.6
INCOME				
<\$15,000	127	26.3	15.4	37.2
\$15,000-24,999	170	27.2	16.8	37.7
\$25,000-34,999	103	20.5	10.3	30.8
\$35,000-49,999	92	32.4	17.4	47.4
\$50,000-74,999	75	22.5	5.9	39.1
≥\$75,000	69	23.7	7.5	39.8

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?"

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.8 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	768	19.3	14.4	24.2
REGION				
Central	85	14.0	5.9	22.2
Kansas City Metro	144	16.5	9.4	23.6
Northeast	80	18.0	8.5	27.5
Northwest	89	12.1	5.3	18.9
Southeast	101	14.8	6.8	22.9
Southwest	84	15.9	5.5	26.3
St. Louis Metro	185	26.3	15.0	37.6
GENDER				
Female	463	19.9	13.1	26.8
Male	305	18.7	11.8	25.6
RACE				
African-American	94	20.3	10.4	30.1
Other	44	--	--	--
White	622	19.9	14.2	25.6
EDUCATION				
< High School	122	27.7	12.7	42.7
High School	288	17.7	11.4	24.0
>High School	357	16.1	10.4	21.9
INCOME				
<\$15,000	132	24.0	12.3	35.7
\$15,000-24,999	172	18.6	10.0	27.3
\$25,000-34,999	102	30.9	9.7	52.0
\$35,000-49,999	90	9.5	2.0	17.0
\$50,000-74,999	75	12.2	0.0	28.6
≥\$75,000	69	16.1	5.1	27.2

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 26 Diabetes Management

Table 26.9 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	778	55.6	49.9	61.3
REGION				
Central	86	61.8	48.6	75.1
Kansas City Metro	145	61.4	47.2	75.6
Northeast	80	48.2	33.6	62.9
Northwest	89	63.2	48.8	77.6
Southeast	105	54.1	42.1	66.1
Southwest	88	70.8	59.2	82.5
St. Louis Metro	185	42.2	31.3	53.0
GENDER				
Female	470	55.6	48.5	62.8
Male	308	55.5	46.5	64.6
RACE				
African-American	94	59.2	42.9	75.4
Other	46	--	--	--
White	630	55.9	49.6	62.3
EDUCATION				
< High School	125	37.8	24.9	50.8
High School	290	53.4	44.6	62.2
>High School	362	66.8	59.6	74.0
INCOME				
<\$15,000	134	39.7	26.2	53.2
\$15,000-24,999	172	55.8	44.9	66.6
\$25,000-34,999	103	53.4	35.1	71.6
\$35,000-49,999	92	72.9	60.2	85.5
\$50,000-74,999	75	67.4	50.2	84.7
≥\$75,000	71	63.3	45.5	81.1

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?”

-- Number of responses less than 50 and not sufficient to produce stable prevalence.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 27 Childhood Asthma Prevalence

Table 27.1 Children 17 years and younger: Ever were told by doctor had asthma

Prevalence With 95% Confidence Intervals (CI)

		<i>Prevalence</i>		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,032	10.8	8.3	13.3
REGION				
Central	114	8.2	2.6	13.7
Kansas City Metro	198	12.0	7.1	16.9
Northeast	100	12.6	5.5	19.7
Northwest	118	12.5	4.8	20.2
Southeast	122	11.4	5.2	17.6
Southwest	99	8.1	2.1	14.0
St. Louis Metro	281	11.4	6.3	16.4
GENDER				
Female	667	12.9	9.4	16.4
Male	365	6.7	4.0	9.5
RACE				
African-American	109	20.3	8.1	32.5
Other	74	9.3	2.6	16.0
White	848	9.3	7.0	11.6
EDUCATION				
< High School	82	17.3	2.2	32.3
High School	300	11.9	7.8	16.1
>High School	650	9.5	6.9	12.0
INCOME				
<\$15,000	99	20.2	5.7	34.6
\$15,000-24,999	144	9.9	4.5	15.4
\$25,000-34,999	88	9.9	3.2	16.5
\$35,000-49,999	133	9.7	4.0	15.4
\$50,000-74,999	178	6.4	2.5	10.3
≥\$75,000	294	9.8	5.8	13.9

Definition: Children 17 years and younger: “Yes” response to “Has a doctor, nurse or other health professional EVER said that the child has asthma? Question asked of adult respondent about a randomly selected child under age of 18 in household. Gender and race are of the child as reported by the adult respondent. Education level is of the adult respondent and household income was reported by adult respondent.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM - 2011

Chapter 27 Childhood Asthma Prevalence

Table 27.2 Children 17 years and younger: Current asthma

Prevalence With 95% Confidence Intervals (CI)

		Prevalence		
Demographic	Sample Size	%	Lower CI	Upper CI
OVERALL	1,027	7.9	5.6	10.2
REGION				
Central	113	5.2	0.9	9.5
Kansas City Metro	195	7.5	3.2	11.9
Northeast	100	8.4	2.4	14.5
Northwest	118	10.4	2.8	18.1
Southeast	122	6.3	1.7	10.9
Southwest	99	5.5	0.9	10.1
St. Louis Metro	280	9.7	4.8	14.7
GENDER				
Female	665	9.9	6.6	13.2
Male	362	4.1	1.9	6.2
RACE				
African-American	107	17.4	5.2	29.7
Other	74	5.2	0.1	10.4
White	845	6.5	4.6	8.4
EDUCATION				
< High School	82	17.3	2.2	32.3
High School	299	11.9	7.8	16.1
>High School	646	9.5	6.9	12.0
INCOME				
<\$15,000	99	18.6	4.0	33.1
\$15,000-24,999	143	6.1	1.7	10.4
\$25,000-34,999	88	6.5	1.3	11.7
\$35,000-49,999	132	5.7	1.2	10.2
\$50,000-74,999	178	4.6	1.0	8.2
≥\$75,000	292	6.4	3.1	9.8

Definition: Children 17 years and younger: “Yes” AND “No” responses to “Has a doctor, nurse or other health professional EVER said that the child has asthma?” AND “Yes” response to “Does the child still have asthma?” Question asked of adult respondent about a randomly selected child under age of 18 in household. Gender and race are of the child as reported by the adult respondent. Education level is of the adult respondent and household income was reported by adult respondent.”

References

1. Blumberg SJ, Luke JV, Ganesh N, et al. Wireless substitution: State-level estimates from the National Health Interview Survey, January 2007–June 2010. National health statistics reports; no 39. Hyattsville, MD: National Center for Health Statistics. 2011. Available from: <http://www.cdc.gov/nchs/data/nhsr/nhsr039.pdf>.
2. Percents may not add to 100 due to rounding.