BRFSS

Behavioral Risk Factor Surveillance System

2008 Data Report

Missouri Department of Health and Senior Services
Division of Community and Public Health
Office of Epidemiology
Margaret T. Donnelly, Director

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ACKNOWLEDGEMENTS

2008 Behavioral Risk Factor Surveillance System Data Report

Special Thanks:

Special thanks to more than 5,000 Missouri adults whose telephone numbers were randomly selected for participation in the 2008 Behavioral Risk Factor Surveillance System interview. This valuable information would not be available without their willingness to participate.

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

Suggested Citation: 2008 Missouri Behavioral Risk Factor Surveillance System Data Report. Jefferson City, MO: Missouri Department of Health and Senior Services. Office of Epidemiology. June 2010.

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INTRODUCTION

ABOUT THIS REPORT

This report presents data from the 2008 Missouri Behavioral Risk Factor Surveillance System (BRFSS). Since its creation by the U.S. Centers for Disease Control and Prevention (CDC) in 1984, the BRFSS has been conducted annually in all 50 states. The BRFSS data is used to estimate the prevalence of chronic disease risk factors, conditions, and preventive practices, as well as to provide information about other pertinent issues.

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

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

Definitions:

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

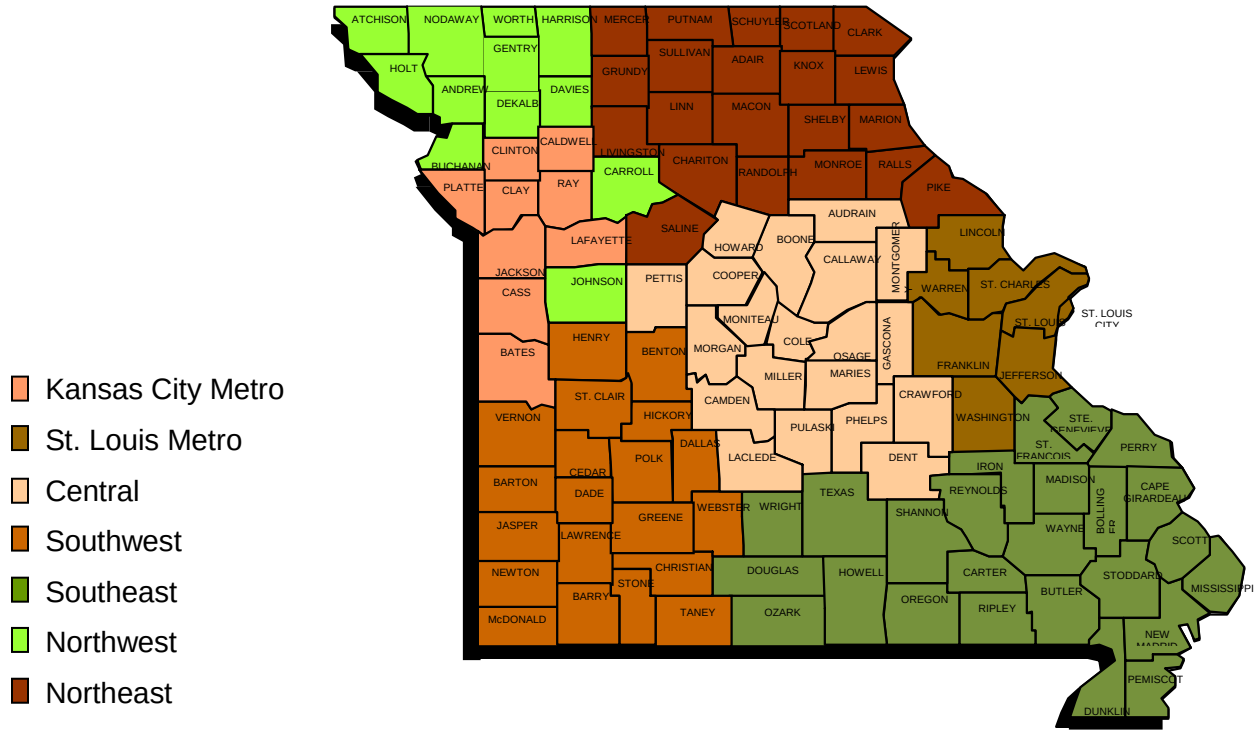
Age adjustment: A technique used be compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

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

REGIONAL DATA FOR MISSOURI

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

Map of Missouri's BRFSS Regions



DEMOGRAPHICS OF MISSOURI BRFSS RESPONDENTS

Distribution of demographic and economic characteristics of Missouri adult respondents, BRFSS 2008

Characteristic	Unweighted Sample Size Number	Weighted Percent %
OVERALL	5158	100
GENDER		
Male	1942	48.2
Female	3216	51.8
AGE GROUP		
18-24	181	12.0
25-34	487	18.3
35-44	715	17.9
45-54	1057	19.2
55-64	1077	14.7
65 and older	1607	17.9
RACE/ETHNICITY		
White	4381	86.1
Black	449	8.0
Hispanic	81	1.7
Other	201	4.2
EDUCATION		
Less than high school	558	9.9
High school or GED	1869	34.2
Some post high school	1339	27.0
College graduate	1387	28.9
MARITAL STATUS		
Never Married	560	16.8
Married	2803	61.5
Divorced, widowed, separated	1687	18.2
Unmarried couple	91	3.4
ANNUAL HOUSEHOLD INCOME		
<$15,000	530	7.4
$15-24,999	866	17.0
$25-34,999	669	12.6
$35-49,999	804	17.6
$50,000-74,999	736	18.8
$75,000 and over	909	26.6
EMPLOYMENT		
Employed	2613	59.8
Out of work	228	5.9
Unable to work	412	5.6
Homemaker	413	7.6
Student	85	4.4
Retired	1399	16.7

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 1 - Health Status: Poor General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	4.92	4.23	5.62	4.69	4.01	5.37
REGION							
Central	596	4.93	3.06	6.81	4.97	3.15	6.79
Kansas City	916	3.64	2.14	5.14	3.66	2.07	5.25
Northeast	595	4.81	2.99	6.63	4.77	2.68	6.85
Northwest	592	6.26	4.03	8.49	6.05	3.95	8.15
Southeast	597	10.67	8.04	13.30	10.02	7.24	12.80
Southwest	594	4.60	2.90	6.29	4.22	2.72	5.72
St. Louis	1254	4.03	2.76	5.31	3.71	2.51	4.91
GENDER							
Female	3208	5.36	4.38	6.34	5.01	4.03	5.98
Male	1936	4.45	3.46	5.44	4.43	3.46	5.40
RACE							
Black	447	9.21	4.92	13.51	9.78	5.62	13.95
Other	281	7.85	3.78	11.92	8.97	4.57	13.38
White	4370	4.29	3.65	4.93	3.92	3.35	4.50
EDUCATION							
<HS	557	13.82	10.32	17.31	13.60	10.38	16.82
HS	1858	4.74	3.64	5.83	4.30	3.28	5.31
>HS	2724	3.41	2.56	4.27	3.33	2.48	4.18
INCOME							
<$15,000	527	17.55	13.38	21.71	16.54	12.97	20.11
$15-24,999	864	9.77	7.25	12.28	9.76	6.84	12.68
$25-24,999	665	7.45	4.92	9.99	7.16	4.56	9.76
$35-49,999	802	3.76	1.99	5.52	3.71	1.95	5.47
$50-74,999	736	1.19	0.23	2.16	1.12	0.22	2.02
$75,000+	909	1.06	0.17	1.96	1.16	0.24	2.08

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, 2008
Chapter 1 - Health Status: Fair or Poor General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	16.86	15.48	18.24	16.43	15.05	17.80
REGION							
Central	596	18.29	13.90	22.67	17.94	13.82	22.07
Kansas City	916	15.38	12.45	18.31	15.26	12.33	18.19
Northeast	595	20.38	16.40	24.35	19.48	15.62	23.35
Northwest	592	16.83	13.13	20.53	16.51	12.97	20.06
Southeast	597	25.50	21.57	29.43	23.49	19.69	27.29
Southwest	594	17.00	13.78	20.22	16.42	13.46	19.38
St. Louis	1254	14.33	11.70	16.96	13.86	11.24	16.47
GENDER							
Female	3208	18.39	16.44	20.35	17.73	15.66	19.81
Male	1936	15.21	13.28	17.15	15.31	13.47	17.14
RACE							
Black	447	24.48	18.52	30.43	26.60	20.94	32.26
Other	281	24.16	17.37	30.96	26.52	20.02	33.02
White	4370	15.53	14.10	16.95	14.91	13.48	16.33
EDUCATION							
<HS	557	38.35	32.07	44.63	41.45	35.51	47.39
HS	1858	19.41	16.93	21.89	18.54	16.09	20.99
>HS	2724	11.36	9.71	13.01	11.68	9.78	13.58
INCOME							
<$15,000	527	49.96	43.30	56.63	48.00	41.96	54.03
$15-24,999	864	28.24	24.05	32.42	29.20	25.08	33.32
$25-24,999	665	20.29	16.44	24.14	19.02	15.21	22.84
$35-49,999	802	14.32	10.26	18.38	14.44	10.43	18.46
$50-74,999	736	10.70	7.65	13.76	10.64	7.21	14.08
$75,000+	909	4.40	2.89	5.90	5.14	3.43	6.85

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, 2008
Chapter 1 - Health Status: Fair General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	11.94	10.71	13.17	11.73	10.49	12.98
REGION							
Central	596	13.35	9.23	17.48	12.97	9.16	16.79
Kansas City	916	11.74	9.13	14.36	11.60	9.05	14.15
Northeast	595	15.57	11.94	19.19	14.72	11.23	18.20
Northwest	592	10.57	7.55	13.59	10.47	7.44	13.49
Southeast	597	14.83	11.66	18.00	13.47	10.56	16.37
Southwest	594	12.40	9.64	15.17	12.20	9.52	14.88
St. Louis	1254	10.30	7.93	12.66	10.15	7.75	12.54
GENDER							
Female	3208	13.03	11.27	14.80	12.73	10.82	14.63
Male	1936	10.76	9.07	12.45	10.88	9.23	12.53
RACE							
Black	447	15.26	10.54	19.98	16.82	12.40	21.24
Other	281	16.31	10.41	22.21	17.55	11.90	23.19
White	4370	11.24	9.94	12.54	10.98	9.64	12.32
EDUCATION							
<HS	557	24.54	19.37	29.70	27.85	22.15	33.56
HS	1858	14.67	12.40	16.95	14.24	11.95	16.53
>HS	2724	7.95	6.50	9.39	8.35	6.61	10.08
INCOME							
<$15,000	527	32.41	25.98	38.85	31.45	25.55	37.36
$15-24,999	864	18.47	15.02	21.92	19.45	15.98	22.91
$25-24,999	665	12.84	9.81	15.87	11.86	8.83	14.89
$35-49,999	802	10.57	6.77	14.36	10.73	7.03	14.44
$50-74,999	736	9.51	6.58	12.44	9.53	6.18	12.87
$75,000+	909	3.33	2.11	4.56	3.98	2.51	5.45

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, 2008
Chapter 1 - Health Status: Good General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	30.06	28.22	31.90	29.99	28.09	31.88
REGION							
Central	596	30.27	25.31	35.23	31.11	26.25	35.97
Kansas City	916	33.60	29.72	37.48	33.21	29.26	37.17
Northeast	595	33.19	28.28	38.09	32.78	27.39	38.17
Northwest	592	33.16	27.58	38.74	33.39	27.83	38.95
Southeast	597	28.69	24.38	33.00	29.52	24.70	34.33
Southwest	594	29.12	24.01	34.22	29.26	23.89	34.63
St. Louis	1254	28.13	24.55	31.71	27.88	24.20	31.56
GENDER							
Female	3208	29.01	26.75	31.27	28.65	26.28	31.02
Male	1936	31.20	28.25	34.15	31.24	28.28	34.20
RACE							
Black	447	35.67	28.89	42.46	34.54	28.27	40.82
Other	281	30.87	23.18	38.56	31.31	24.38	38.23
White	4370	29.42	27.44	31.40	29.24	27.18	31.31
EDUCATION							
<HS	557	28.25	21.73	34.77	27.92	21.29	34.55
HS	1858	35.02	31.72	38.31	35.11	31.72	38.49
>HS	2724	27.43	25.10	29.75	27.07	24.62	29.53
INCOME							
<$15,000	527	26.49	21.15	31.82	26.48	20.42	32.54
$15-24,999	864	32.62	27.50	37.74	32.61	27.58	37.64
$25-24,999	665	32.55	27.44	37.66	33.36	27.75	38.97
$35-49,999	802	34.37	29.43	39.31	33.86	29.22	38.50
$50-74,999	736	31.25	26.82	35.68	30.40	26.28	34.52
$75,000+	909	23.84	20.33	27.34	22.23	18.36	26.10

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, 2008
Chapter 1 - Health Status: Very Good General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	34.91	32.91	36.91	35.24	33.17	37.30
REGION							
Central	596	36.16	30.81	41.51	35.84	30.64	41.04
Kansas City	916	36.32	32.12	40.53	37.00	32.83	41.18
Northeast	595	30.96	25.51	36.40	31.31	25.41	37.20
Northwest	592	32.58	26.99	38.16	33.39	27.80	38.98
Southeast	597	32.47	27.68	37.25	33.29	28.06	38.51
Southwest	594	34.32	29.15	39.48	34.53	29.15	39.90
St. Louis	1254	35.42	31.44	39.39	35.85	31.74	39.96
GENDER							
Female	3208	34.96	32.36	37.57	35.72	33.03	38.42
Male	1936	34.86	31.79	37.92	34.89	31.83	37.95
RACE							
Black	447	18.84	13.66	24.03	18.58	13.64	23.52
Other	281	29.39	21.73	37.05	27.66	20.83	34.48
White	4370	36.90	34.70	39.10	37.43	35.11	39.74
EDUCATION							
<HS	557	18.93	13.66	24.21	18.45	13.30	23.60
HS	1858	31.74	28.34	35.14	32.24	28.81	35.68
>HS	2724	39.74	37.04	42.43	40.38	37.50	43.26
INCOME							
<$15,000	527	15.61	9.58	21.63	17.47	11.65	23.28
$15-24,999	864	26.81	21.86	31.75	25.93	21.27	30.58
$25-24,999	665	31.84	26.48	37.21	32.37	26.57	38.17
$35-49,999	802	33.41	28.75	38.07	33.90	29.17	38.62
$50-74,999	736	40.48	35.44	45.53	41.89	36.28	47.51
$75,000+	909	43.22	38.97	47.47	43.49	38.82	48.16

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, 2008
Chapter 1 - Health Status: Excellent General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	18.16	16.45	19.87	18.35	16.58	20.12
REGION							
Central	596	15.28	10.70	19.87	15.11	10.88	19.33
Kansas City	916	14.69	11.90	17.49	14.52	11.67	17.38
Northeast	595	15.48	11.03	19.93	16.43	11.19	21.66
Northwest	592	17.44	12.48	22.39	16.71	12.20	21.21
Southeast	597	13.34	9.76	16.91	13.71	9.67	17.74
Southwest	594	19.57	14.77	24.36	19.80	14.88	24.72
St. Louis	1254	22.12	18.59	25.66	22.41	18.75	26.08
GENDER							
Female	3208	17.64	15.67	19.61	17.89	15.85	19.94
Male	1936	18.73	15.89	21.57	18.56	15.82	21.31
RACE							
Black	447	21.01	14.86	27.16	20.27	14.60	25.94
Other	281	15.57	9.40	21.74	14.51	9.56	19.47
White	4370	18.15	16.28	20.01	18.43	16.46	20.39
EDUCATION							
<HS	557	14.46	6.93	21.99	12.18	7.34	17.01
HS	1858	13.83	11.19	16.47	14.12	11.42	16.81
>HS	2724	21.48	19.23	23.72	20.86	18.58	23.15
INCOME							
<$15,000	527	7.95	4.38	11.51	8.05	4.00	12.11
$15-24,999	864	12.33	8.08	16.58	12.26	8.22	16.30
$25-24,999	665	15.32	10.72	19.92	15.25	10.69	19.81
$35-49,999	802	17.89	13.06	22.73	17.80	13.11	22.49
$50-74,999	736	17.56	13.61	21.51	17.06	12.53	21.60
$75,000+	909	28.55	24.61	32.49	29.14	24.53	33.74

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, 2008
Chapter 2 - Healthy Days-Health-Related Quality of Life
No Poor Physical Health in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5071	63.11	61.11	65.12	63.20	61.13	65.27
REGION							
Central	582	63.65	58.21	69.10	63.50	58.29	68.70
Kansas City	905	63.81	59.82	67.80	63.69	59.53	67.85
Northeast	586	63.12	57.68	68.56	63.28	57.37	69.18
Northwest	584	64.28	58.47	70.09	64.47	58.91	70.03
Southeast	590	57.00	52.12	61.88	56.19	50.81	61.56
Southwest	584	65.10	60.06	70.14	65.29	60.15	70.44
St. Louis	1240	63.24	59.18	67.30	63.39	59.28	67.51
GENDER							
Female	3158	59.64	57.04	62.23	59.49	56.70	62.27
Male	1913	66.86	63.78	69.95	67.00	63.95	70.04
RACE							
Black	443	67.30	61.16	73.44	66.00	60.40	71.60
Other	273	59.77	51.62	67.92	59.06	51.33	66.80
White	4309	62.97	60.77	65.16	63.05	60.75	65.34
EDUCATION							
<HS	538	49.81	42.51	57.11	50.28	43.33	57.23
HS	1834	64.16	60.82	67.49	64.28	60.89	67.68
>HS	2694	64.91	62.31	67.52	64.81	61.98	67.64
INCOME							
<$15,000	515	44.09	37.11	51.08	43.99	37.51	50.47
$15-24,999	841	51.64	46.20	57.09	50.41	45.08	55.74
$25-24,999	658	63.33	58.11	68.55	63.07	57.42	68.72
$35-49,999	795	63.37	57.96	68.77	63.77	58.60	68.94
$50-74,999	731	59.77	54.63	64.91	58.68	53.63	63.73
$75,000+	907	73.38	69.65	77.11	73.33	69.10	77.56

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, 2008
Chapter 2 - Healthy Days-Health-Related Quality of Life
Frequent Poor Physical Health - 14 or more of the past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5071	11.52	10.41	12.64	11.27	10.17	12.38
REGION							
Central	582	11.89	8.42	15.37	11.76	8.53	15.00
Kansas City	905	11.29	8.99	13.58	11.17	8.88	13.46
Northeast	586	12.01	9.11	14.90	11.68	8.64	14.73
Northwest	584	13.18	10.01	16.35	12.90	9.88	15.93
Southeast	590	17.69	14.21	21.17	17.09	13.36	20.83
Southwest	584	10.49	7.96	13.02	9.94	7.65	12.23
St. Louis	1240	10.03	7.89	12.17	9.76	7.66	11.86
GENDER							
Female	3158	12.75	11.32	14.18	12.39	10.98	13.80
Male	1913	10.20	8.47	11.93	10.04	8.35	11.72
RACE							
Black	443	13.47	9.26	17.69	14.50	10.42	18.59
Other	273	15.94	10.33	21.54	18.35	12.52	24.18
White	4309	10.92	9.74	12.09	10.54	9.36	11.71
EDUCATION							
<HS	538	24.27	18.91	29.63	25.77	20.28	31.26
HS	1834	11.94	10.09	13.78	11.68	9.85	13.51
>HS	2694	8.92	7.58	10.26	8.80	7.42	10.17
INCOME							
<$15,000	515	32.68	26.88	38.49	32.66	27.40	37.93
$15-24,999	841	18.78	15.06	22.50	19.44	15.61	23.26
$25-24,999	658	13.11	9.97	16.24	12.56	9.33	15.79
$35-49,999	795	8.72	6.23	11.21	8.46	6.17	10.74
$50-74,999	731	10.15	7.01	13.28	10.10	6.52	13.67
$75,000+	907	4.04	2.60	5.49	4.77	3.09	6.46

Definition: “14 or more” 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, 2008
Chapter 2 - Healthy Days-Health-Related Quality of Life
No Poor Mental Health In Past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5080	63.93	61.91	65.94	63.29	61.20	65.37
REGION							
Central	587	61.03	55.43	66.62	60.42	55.08	65.77
Kansas City	902	62.51	58.31	66.71	62.29	58.12	66.46
Northeast	590	66.74	61.05	72.42	64.44	58.15	70.73
Northwest	586	66.54	60.43	72.66	66.17	60.57	71.77
Southeast	588	59.26	54.37	64.14	56.99	51.79	62.19
Southwest	589	63.26	57.77	68.76	62.30	56.71	67.89
St. Louis	1238	66.59	62.67	70.52	66.24	62.15	70.34
GENDER							
Female	3167	59.77	57.21	62.33	58.68	55.91	61.44
Male	1913	68.36	65.20	71.53	68.21	65.09	71.32
RACE							
Black	439	57.73	50.49	64.97	60.07	53.59	66.55
Other	273	61.44	52.97	69.90	62.20	54.72	69.69
White	4324	64.58	62.41	66.76	63.74	61.44	66.04
EDUCATION							
<HS	541	53.08	45.75	60.42	50.50	43.48	57.51
HS	1842	61.11	57.60	64.62	59.59	56.11	63.07
>HS	2692	67.51	64.97	70.04	67.63	64.90	70.37
INCOME							
<$15,000	515	44.68	38.21	51.14	40.77	34.42	47.12
$15-24,999	848	58.06	52.68	63.45	55.03	49.74	60.31
$25-24,999	661	61.99	56.38	67.60	58.81	53.20	64.42
$35-49,999	798	61.87	56.53	67.21	62.39	57.13	67.65
$50-74,999	730	68.76	64.15	73.37	69.70	64.57	74.84
$75,000+	904	68.38	64.31	72.44	69.55	64.98	74.11

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, 2008
Chapter 2 - Healthy Days-Health-Related Quality of Life
Frequent Poor Mental Health - 14 or more of the past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5080	10.79	9.60	11.99	10.94	9.67	12.20
REGION							
Central	587	13.20	9.43	16.96	13.89	10.10	17.69
Kansas City	902	9.78	6.97	12.58	9.77	6.85	12.70
Northeast	590	12.57	8.05	17.08	13.08	8.56	17.60
Northwest	586	10.54	7.42	13.66	11.02	7.74	14.29
Southeast	588	16.88	13.30	20.46	17.74	13.62	21.86
Southwest	589	9.61	6.86	12.36	9.47	6.73	12.20
St. Louis	1238	9.18	7.01	11.34	9.26	6.99	11.53
GENDER							
Female	3167	13.32	11.57	15.08	13.77	11.82	15.73
Male	1913	8.09	6.50	9.68	8.19	6.56	9.82
RACE							
Black	439	13.81	9.34	18.27	13.73	9.43	18.04
Other	273	16.05	9.65	22.46	16.89	10.55	23.23
White	4324	10.18	8.92	11.43	10.35	8.99	11.70
EDUCATION							
<HS	541	18.58	13.75	23.40	21.87	16.49	27.26
HS	1842	11.73	9.59	13.87	12.33	10.03	14.62
>HS	2692	8.87	7.39	10.35	8.71	7.15	10.26
INCOME							
<$15,000	515	29.68	23.08	36.28	32.37	25.25	39.50
$15-24,999	848	16.40	12.66	20.14	18.79	14.71	22.88
$25-24,999	661	10.35	6.97	13.72	11.33	7.41	15.25
$35-49,999	798	10.28	7.53	13.03	10.15	7.48	12.83
$50-74,999	730	8.31	5.78	10.83	7.57	5.30	9.83
$75,000+	904	4.99	3.00	6.97	4.39	2.68	6.10

Definition: “14 or more” 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, 2008
Chapter 2 – Healthy Days-Health-Related Quality of Life
Not Kept From Usual Activities Due To Poor Physical or Mental Health In Past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.3.1		Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2767	62.63	60.01	65.26	62.59	60.05	65.12
REGION							
Central	332	57.66	50.36	64.97	57.61	50.83	64.39
Kansas City	494	62.01	56.49	67.52	61.11	55.89	66.32
Northeast	305	53.93	45.82	62.03	54.36	46.15	62.57
Northwest	286	54.89	45.89	63.89	55.26	47.79	62.74
Southeast	365	60.20	54.15	66.26	60.92	55.04	66.80
Southwest	320	66.74	60.36	73.12	67.07	61.47	72.66
St. Louis	665	65.59	60.34	70.85	65.59	60.44	70.74
GENDER							
Female	1854	60.34	57.08	63.61	60.83	57.54	64.13
Male	913	65.49	61.23	69.75	64.82	60.79	68.85
RACE							
Black	255	60.75	51.27	70.23	60.31	51.47	69.15
Other	167	56.78	45.84	67.73	54.46	44.68	64.25
White	2327	63.22	60.38	66.07	63.24	60.48	66.01
EDUCATION							
<HS	337	56.54	47.38	65.70	50.54	42.55	58.52
HS	999	63.41	59.13	67.70	63.31	59.20	67.42
>HS	1427	63.50	59.95	67.04	63.55	59.84	67.25
INCOME							
<$15,000	375	45.87	37.58	54.16	46.78	38.79	54.77
$15-24,999	542	56.95	50.44	63.45	55.69	49.35	62.02
$25-24,999	364	64.23	57.47	70.99	63.28	56.59	69.98
$35-49,999	419	67.20	60.34	74.06	67.41	61.39	73.43
$50-74,999	387	58.77	51.79	65.75	58.51	51.50	65.53
$75,000+	419	73.83	68.91	78.74	73.89	68.60	79.18

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, 2008
Chapter 2 - Healthy Days-Health-Related Quality of Life
Frequent Activity Limitation Due To Poor Physical Or Mental Health 14 or More of Past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2767	13.28	11.66	14.91	13.43	11.84	15.02
REGION							
Central	332	17.23	11.25	23.22	17.16	11.58	22.74
Kansas City	494	11.38	7.92	14.83	12.41	8.92	15.90
Northeast	305	15.78	11.03	20.53	15.30	10.70	19.89
Northwest	286	16.48	11.34	21.62	17.94	12.90	22.98
Southeast	365	21.47	16.70	26.23	21.38	16.80	25.96
Southwest	320	13.90	9.72	18.07	13.47	9.70	17.25
St. Louis	665	9.55	6.80	12.30	9.51	6.85	12.17
GENDER							
Female	1854	13.72	11.75	15.69	13.47	11.56	15.37
Male	913	12.74	10.01	15.47	13.28	10.68	15.88
RACE							
Black	255	14.69	9.28	20.10	16.37	11.01	21.74
Other	167	20.31	12.14	28.47	22.28	14.89	29.67
White	2327	12.54	10.80	14.28	12.54	10.84	14.24
EDUCATION							
<HS	337	29.18	21.17	37.18	33.16	25.21	41.11
HS	999	13.29	10.72	15.86	13.73	11.21	16.25
>HS	1427	9.65	7.89	11.42	9.63	7.93	11.33
INCOME							
<$15,000	375	34.00	27.10	40.91	33.14	26.73	39.54
$15-24,999	542	21.15	15.54	26.76	20.77	15.30	26.24
$25-24,999	364	13.46	9.49	17.44	13.17	9.37	16.96
$35-49,999	419	9.45	6.13	12.77	10.23	6.96	13.49
$50-74,999	387	7.03	4.21	9.85	7.14	4.43	9.85
$75,000+	419	4.66	2.70	6.62	5.79	3.19	8.39

Definition: “14 or more” 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, 2008
Chapter 3 – Disability
Limited in Activities Due To Physical, Mental or Emotional Problems

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5145	24.98	23.29	26.66	24.54	22.84	26.23
REGION							
Central	595	24.00	19.48	28.52	24.26	19.87	28.65
Kansas City	913	23.63	20.00	27.25	23.59	19.81	27.38
Northeast	598	28.39	23.18	33.59	27.37	21.99	32.75
Northwest	593	23.46	19.21	27.71	23.08	19.05	27.11
Southeast	598	31.91	27.58	36.24	30.74	26.42	35.05
Southwest	595	26.57	22.37	30.78	25.77	21.93	29.61
St. Louis	1253	23.19	19.85	26.53	22.63	19.24	26.02
GENDER							
Female	3207	24.83	22.66	26.99	24.07	21.77	26.37
Male	1938	25.13	22.52	27.75	25.25	22.71	27.78
RACE							
Black	447	25.30	19.32	31.28	26.78	21.12	32.44
Other	280	30.57	23.19	37.95	33.45	26.28	40.63
White	4372	24.45	22.63	26.26	23.75	21.90	25.60
EDUCATION							
<HS	556	36.17	29.93	42.40	38.16	32.21	44.10
HS	1863	26.86	23.82	29.91	26.21	23.13	29.29
>HS	2721	21.71	19.59	23.83	21.35	19.28	23.41
INCOME							.
<$15,000	527	56.60	50.13	63.06	57.77	50.14	65.41
$15-24,999	865	35.30	30.52	40.09	37.64	32.92	42.35
$25-24,999	669	26.65	22.31	30.99	24.12	20.07	28.16
$35-49,999	802	21.10	17.26	24.94	20.88	17.33	24.44
$50-74,999	736	19.82	15.73	23.91	20.06	15.71	24.41
$75,000+	908	15.29	12.15	18.43	15.88	12.53	19.22

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, 2008
Chapter 3 – Disability
Use Special Equipment Because of Disability

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5157	8.57	7.66	9.49	8.24	7.37	9.11
REGION							
Central	596	8.30	5.82	10.78	8.18	5.88	10.48
Kansas City	917	8.73	6.55	10.92	8.78	6.55	11.01
Northeast	599	8.04	5.76	10.33	7.63	5.23	10.04
Northwest	593	7.90	5.69	10.11	7.75	5.60	9.90
Southeast	598	12.83	9.73	15.92	12.24	9.06	15.41
Southwest	596	8.95	6.51	11.40	8.43	6.23	10.62
St. Louis	1258	7.39	5.80	8.99	6.99	5.55	8.44
GENDER							
Female	3215	8.80	7.64	9.97	8.15	7.05	9.25
Male	1942	8.32	6.90	9.75	8.37	7.00	9.74
RACE							
Black	449	11.45	7.83	15.08	13.51	9.77	17.25
Other	282	10.94	6.44	15.44	12.32	7.52	17.11
White	4380	8.05	7.09	9.00	7.54	6.65	8.42
EDUCATION							
<HS	558	15.08	11.27	18.88	14.55	10.91	18.19
HS	1868	8.16	6.70	9.61	7.53	6.15	8.91
>HS	2726	7.63	6.44	8.83	7.67	6.53	8.82
INCOME							
<$15,000	530	22.89	18.26	27.53	20.18	16.24	24.11
$15-24,999	865	14.52	11.56	17.47	14.49	11.25	17.73
$25-24,999	669	9.83	7.16	12.51	9.04	6.31	11.76
$35-49,999	804	7.00	4.57	9.44	6.71	4.50	8.91
$50-74,999	736	4.32	2.65	5.98	4.45	2.74	6.16
$75,000+	909	3.76	2.23	5.30	4.03	2.51	5.54

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, 2008
Chapter 4 - Health Care Access
No Current Health Care Coverage

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	14.54	12.90	16.17	25.04	23.10	26.97
REGION							
Central	595	16.78	11.63	21.92	16.47	11.84	21.10
Kansas City	915	12.16	9.15	15.18	12.13	9.01	15.24
Northeast	599	15.87	10.94	20.81	16.22	11.31	21.14
Northwest	592	15.45	10.13	20.76	15.88	10.69	21.06
Southeast	597	21.94	17.31	26.57	23.96	18.97	28.95
Southwest	595	18.39	13.20	23.59	19.27	14.48	24.05
St. Louis	1256	11.08	8.25	13.90	11.53	8.59	14.48
GENDER							
Female	3210	11.62	9.95	13.29	12.18	10.37	14.00
Male	1939	17.69	14.84	20.53	17.56	14.97	20.14
RACE							
Black	446	19.84	14.16	25.51	18.57	13.58	23.56
Other	275	19.59	12.61	26.56	19.22	13.35	25.10
White	4328	13.70	11.92	15.47	14.33	12.49	16.18
EDUCATION							
<HS	557	31.03	23.82	38.24	35.21	28.75	41.68
HS	1866	19.89	16.65	23.14	20.73	17.62	23.85
>HS	2722	8.32	6.79	9.86	8.62	6.87	10.36
INCOME							
<$15,000	528	34.10	27.75	40.45	38.86	31.75	45.97
$15-24,999	865	31.71	26.04	37.38	33.83	28.72	38.95
$25-24,999	668	23.36	17.76	28.97	25.25	19.56	30.94
$35-49,999	803	10.29	6.68	13.90	10.22	6.62	13.82
$50-74,999	736	6.26	3.81	8.71	5.97	3.55	8.39
$75,000+	909	2.99	1.51	4.48	3.09	1.45	4.73

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, 2008
Chapter 4 - Health Care Access
Think of One Person As Personal Doctor or Health Care Provider

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	73.59	71.70	75.49	73.13	71.18	75.08
REGION							
Central	595	73.23	67.76	78.70	73.23	68.10	78.36
Kansas City	917	74.04	70.09	77.98	73.68	69.69	77.68
Northeast	600	71.13	65.47	76.80	70.32	64.11	76.53
Northwest	593	72.46	66.68	78.24	72.37	66.67	78.07
Southeast	596	69.13	64.38	73.89	69.16	64.15	74.17
Southwest	594	67.70	62.39	73.01	66.83	61.33	72.33
St. Louis	1254	77.68	74.10	81.26	77.24	73.55	80.94
GENDER							
Female	3209	77.73	75.46	80.00	77.16	74.70	79.62
Male	1940	69.15	66.08	72.21	69.05	66.04	72.06
RACE							
Black	448	73.49	67.06	79.93	74.36	68.49	80.22
Other	282	59.54	51.18	67.91	60.97	53.34	68.60
White	4373	74.51	72.46	76.55	73.90	71.75	76.05
EDUCATION							
<HS	553	62.98	55.71	70.24	61.24	54.47	68.01
HS	1868	70.14	66.81	73.47	69.39	65.99	72.78
>HS	2723	77.56	75.20	79.92	76.94	74.34	79.54
INCOME							
<$15,000	527	65.43	59.30	71.56	62.67	55.40	69.94
$15-24,999	865	64.93	59.48	70.38	63.16	57.93	68.40
$25-24,999	669	69.63	64.09	75.17	67.55	61.67	73.44
$35-49,999	804	74.47	69.65	79.29	74.29	69.45	79.13
$50-74,999	735	76.57	72.03	81.10	75.68	70.41	80.95
$75,000+	908	81.70	78.29	85.10	81.92	77.80	86.04

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 4 - Health Care Access
Think of More Than One Person as Doctor or Health Care Provider

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	7.75	6.71	8.79	7.62	6.55	8.69
REGION							
Central	595	8.31	5.53	11.09	8.32	5.60	11.05
Kansas City	917	7.37	5.18	9.56	7.41	5.12	9.71
Northeast	600	7.74	5.39	10.08	6.49	4.42	8.56
Northwest	593	5.89	3.93	7.85	5.87	3.98	7.75
Southeast	596	7.26	5.00	9.52	6.76	4.41	9.10
Southwest	594	6.74	4.46	9.01	6.84	4.47	9.22
St. Louis	1254	8.56	6.35	10.77	8.26	6.06	10.46
GENDER							
Female	3209	9.68	8.09	11.27	9.58	7.86	11.31
Male	1940	5.68	4.37	6.98	5.61	4.34	6.88
RACE							
Black	448	5.73	2.81	8.65	6.41	3.28	9.53
Other	282	12.85	7.34	18.36	13.06	7.97	18.14
White	4373	7.60	6.48	8.72	7.32	6.17	8.47
EDUCATION							
<HS	553	8.00	5.09	10.91	7.77	4.93	10.61
HS	1868	7.40	5.81	8.99	6.97	5.45	8.49
>HS	2723	7.94	6.43	9.45	8.02	6.30	9.75
INCOME							
<$15,000	527	8.65	5.43	11.87	8.42	5.01	11.83
$15-24,999	865	7.49	4.91	10.08	7.80	4.77	10.84
$25-24,999	669	5.94	3.90	7.98	5.69	3.38	8.00
$35-49,999	804	6.35	4.46	8.25	6.76	4.70	8.81
$50-74,999	735	8.81	6.01	11.62	9.24	6.06	12.41
$75,000+	908	7.04	5.09	9.00	6.88	4.63	9.13

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, 2008
Chapter 4 - Health Care Access
Think of No One Person As A Personal Doctor or Health Care Provider

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	18.65	16.91	20.40	19.25	17.45	21.04
REGION							
Central	595	18.46	13.23	23.69	18.44	13.69	23.19
Kansas City	917	18.59	14.94	22.23	18.90	15.25	22.56
Northeast	600	21.13	15.44	26.83	23.19	17.08	29.29
Northwest	593	21.65	15.88	27.42	21.76	16.22	27.31
Southeast	596	23.61	19.02	28.20	24.08	19.32	28.84
Southwest	594	25.57	20.41	30.72	26.32	21.05	31.60
St. Louis	1254	13.76	10.63	16.88	14.50	11.22	17.77
GENDER							
Female	3209	12.59	10.74	14.44	13.26	11.24	15.28
Male	1940	25.18	22.21	28.15	25.34	22.45	28.23
RACE							
Black	448	20.78	14.66	26.90	19.24	13.93	24.54
Other	282	27.61	19.59	35.63	25.98	19.11	32.85
White	4373	17.89	16.02	19.77	18.78	16.80	20.76
EDUCATION							
<HS	553	29.02	21.73	36.31	30.99	24.29	37.68
HS	1868	22.46	19.27	25.65	23.64	20.44	26.85
>HS	2723	14.50	12.48	16.53	15.04	12.78	17.30
INCOME							
<$15,000	527	25.92	20.23	31.62	28.91	22.02	35.79
$15-24,999	865	27.58	22.21	32.95	29.03	23.99	34.08
$25-24,999	669	24.43	18.93	29.93	26.76	21.01	32.51
$35-49,999	804	19.18	14.49	23.87	18.95	14.44	23.46
$50-74,999	735	14.62	10.62	18.62	15.09	10.39	19.78
$75,000+	908	11.26	8.26	14.26	11.21	7.53	14.88

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, 2008
Chapter 4 - Health Care Access
Needed To See A Doctor in Past 12 Months But Could Not Due To Cost

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5151	15.94	14.40	17.48	16.28	14.67	17.89
REGION							
Central	596	15.19	11.05	19.33	15.63	11.53	19.73
Kansas City	917	17.15	13.74	20.55	17.46	13.93	20.99
Northeast	598	15.29	10.60	19.98	17.19	11.64	22.74
Northwest	590	14.80	10.06	19.55	14.93	10.44	19.42
Southeast	598	20.37	16.14	24.60	21.73	16.99	26.47
Southwest	595	15.21	11.10	19.33	15.52	11.29	19.75
St. Louis	1257	14.86	11.95	17.76	15.35	12.29	18.42
GENDER							
Female	3213	17.92	15.90	19.93	18.71	16.53	20.89
Male	1938	13.81	11.44	16.17	13.80	11.44	16.17
RACE							
Black	449	25.95	19.77	32.14	24.56	18.90	30.21
Other	281	21.57	14.79	28.36	22.25	15.70	28.80
White	4375	14.59	12.96	16.23	15.14	13.39	16.90
EDUCATION							
<HS	558	28.97	22.42	35.52	33.19	26.53	39.85
HS	1866	17.44	14.83	20.04	18.40	15.62	21.18
>HS	2722	12.64	10.74	14.54	12.88	10.81	14.95
INCOME							
<$15,000	528	36.29	30.04	42.53	39.94	33.35	46.54
$15-24,999	865	29.77	24.63	34.90	33.30	28.18	38.42
$25-24,999	667	26.71	21.10	32.32	29.12	23.34	34.90
$35-49,999	803	12.89	9.30	16.47	12.83	9.17	16.48
$50-74,999	736	10.58	7.25	13.90	10.29	6.69	13.89
$75,000+	909	4.83	2.76	6.91	4.81	2.80	6.82

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, 2008
Chapter 4 - Health Care Access
Had Routine Checkup By Doctor Within Past Year

Crude And Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5100	63.47	61.41	65.54	62.76	60.68	64.83
REGION							
Central	590	62.90	57.48	68.32	62.13	56.90	67.35
Kansas City	907	65.43	61.30	69.56	65.11	60.90	69.32
Northeast	590	58.79	53.02	64.56	56.59	50.52	62.65
Northwest	587	57.94	52.03	63.85	56.80	51.24	62.36
Southeast	589	59.41	54.43	64.38	58.31	52.99	63.62
Southwest	590	58.81	53.21	64.40	58.12	52.57	63.66
St. Louis	1247	66.96	62.82	71.10	65.85	61.82	69.88
GENDER							
Female	3183	69.14	66.63	71.65	68.10	65.42	70.78
Male	1917	57.35	54.08	60.61	57.37	54.24	60.49
RACE							
Black	446	77.44	70.94	83.94	79.35	74.14	84.55
Other	282	70.64	63.37	77.91	71.64	65.27	78.02
White	4327	61.58	59.32	63.84	60.36	58.06	62.67
EDUCATION							
<HS	546	56.40	48.79	64.02	55.01	48.25	61.77
HS	1847	60.31	56.83	63.80	58.22	54.75	61.68
>HS	2702	66.62	63.95	69.29	66.32	63.52	69.12
INCOME							
<$15,000	524	65.25	59.10	71.41	63.02	56.20	69.85
$15-24,999	855	59.88	54.33	65.42	58.42	53.22	63.63
$25-24,999	664	60.74	55.10	66.37	58.67	52.90	64.45
$35-49,999	796	55.96	50.43	61.48	56.28	51.38	61.17
$50-74,999	730	61.65	56.60	66.70	62.10	56.55	67.64
$75,000+	906	69.95	65.96	73.94	71.39	66.80	75.98

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, 2008
Chapter 4 - Health Care Access
Had Routine Checkup By Doctor Between One and Two Years Ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5100	13.77	12.28	15.26	13.84	12.31	15.36
REGION							
Central	590	14.44	10.65	18.24	14.38	10.75	18.01
Kansas City	907	11.57	8.94	14.19	11.55	8.84	14.27
Northeast	590	14.51	10.13	18.88	15.31	10.20	20.41
Northwest	587	14.54	10.54	18.53	15.59	11.46	19.72
Southeast	589	12.08	8.98	15.19	12.37	8.88	15.85
Southwest	590	16.65	11.91	21.38	16.66	11.96	21.36
St. Louis	1247	13.75	10.83	16.66	14.18	11.17	17.18
GENDER							
Female	3183	13.45	11.58	15.33	13.76	11.74	15.78
Male	1917	14.11	11.77	16.46	13.86	11.55	16.17
RACE							
Black	446	13.41	7.68	19.13	12.23	7.81	16.66
Other	282	12.88	7.95	17.80	13.49	8.61	18.36
White	4327	13.85	12.23	15.47	13.98	12.29	15.68
EDUCATION							
<HS	546	13.48	8.00	18.96	12.95	8.14	17.77
HS	1847	12.71	10.33	15.09	13.13	10.69	15.58
>HS	2702	14.45	12.43	16.46	14.22	12.08	16.37
INCOME							
<$15,000	524	13.64	9.04	18.25	14.50	9.39	19.61
$15-24,999	855	13.49	9.01	17.97	13.03	9.11	16.94
$25-24,999	664	14.49	10.13	18.85	14.74	10.06	19.42
$35-49,999	796	15.34	11.67	19.01	15.00	11.31	18.69
$50-74,999	730	13.91	10.38	17.43	13.18	9.61	16.75
$75,000+	906	13.22	10.29	16.15	11.81	8.79	14.83

Definition: “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 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, 2008
Chapter 4 - Health Care Access
Had Routine Checkup By Doctor Between Two and Five Years Ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5100	10.13	8.69	11.58	10.48	8.98	11.98
REGION							
Central	590	11.60	7.86	15.35	12.04	8.42	15.66
Kansas City	907	10.30	7.55	13.05	10.33	7.48	13.17
Northeast	590	9.35	5.07	13.62	9.54	5.45	13.62
Northwest	587	10.41	6.85	13.97	10.20	6.74	13.65
Southeast	589	9.18	6.34	12.02	10.12	6.81	13.43
Southwest	590	10.55	6.81	14.30	10.86	6.96	14.76
St. Louis	1247	9.68	6.65	12.71	10.18	7.13	13.22
GENDER							
Female	3183	9.08	7.25	10.92	9.68	7.67	11.68
Male	1917	11.26	9.00	13.52	11.38	9.12	13.64
RACE							
Black	446	6.20	2.43	9.97	5.63	2.30	8.95
Other	282	8.38	3.28	13.48	7.38	3.52	11.23
White	4327	10.65	9.04	12.26	11.14	9.43	12.84
EDUCATION							
<HS	546	8.62	2.56	14.67	9.05	4.34	13.77
HS	1847	11.42	9.11	13.74	12.22	9.72	14.72
>HS	2702	9.62	7.74	11.51	10.18	8.03	12.32
INCOME							
<$15,000	524	7.54	4.35	10.73	7.96	4.33	11.58
$15-24,999	855	8.74	5.74	11.74	9.86	6.66	13.05
$25-24,999	664	12.23	8.05	16.40	13.14	8.80	17.47
$35-49,999	796	13.99	8.97	19.01	14.30	9.60	19.01
$50-74,999	730	12.54	9.05	16.04	12.49	8.54	16.45
$75,000+	906	7.60	5.28	9.93	8.45	5.10	11.79

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, 2008
Chapter 4 - Health Care Access
Had Routine Checkup By A Doctor 5 or More Years Ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5100	10.67	9.31	12.04	10.93	9.52	12.35
REGION							
Central	590	9.11	5.90	12.32	9.40	6.17	12.63
Kansas City	907	11.19	8.20	14.18	11.47	8.43	14.51
Northeast	590	14.69	10.26	19.12	16.10	11.14	21.06
Northwest	587	13.64	8.94	18.34	13.93	9.38	18.48
Southeast	589	15.63	11.66	19.59	15.75	11.44	20.06
Southwest	590	12.19	8.30	16.08	12.58	8.58	16.58
St. Louis	1247	8.09	5.54	10.65	8.19	5.60	10.78
GENDER							
Female	3183	6.77	5.61	7.93	6.86	5.68	8.05
Male	1917	14.89	12.39	17.39	14.99	12.52	17.46
RACE							
Black	446	2.69	0.92	4.47	2.52	0.87	4.17
Other	282	6.93	3.38	10.47	6.54	3.23	9.85
White	4327	11.75	10.18	13.31	12.24	10.59	13.90
EDUCATION							
<HS	546	17.24	10.91	23.58	17.10	11.42	22.78
HS	1847	13.72	11.13	16.31	14.47	11.75	17.18
>HS	2702	7.68	6.23	9.12	7.68	6.16	9.20
INCOME							
<$15,000	524	10.15	6.46	13.84	10.71	6.66	14.76
$15-24,999	855	15.57	11.17	19.97	16.32	12.05	20.59
$25-24,999	664	10.83	7.33	14.33	11.74	7.90	15.58
$35-49,999	796	12.71	8.69	16.73	12.43	8.65	16.21
$50-74,999	730	10.05	6.48	13.61	10.60	6.25	14.95
$75,000+	906	8.07	5.60	10.53	7.32	5.01	9.63

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, 2008
Chapter 4 - Health Care Access
Never Had A Routine Checkup By A Doctor

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5100	1.95	1.39	2.52	2.00	1.42	2.57
REGION							
Central	590	1.94	0.02	3.87	2.05	0.09	4.00
Kansas City	907	1.51	0.58	2.45	1.54	0.58	2.50
Northeast	590	2.67	1.06	4.27	2.47	0.94	4.00
Northwest	587	3.48	1.39	5.57	3.48	1.47	5.50
Southeast	589	3.70	1.25	6.16	3.46	1.29	5.62
Southwest	590	1.80	0.43	3.18	1.78	0.42	3.14
St. Louis	1247	1.52	0.55	2.49	1.61	0.53	2.69
GENDER							
Female	3183	1.56	1.06	2.05	1.60	1.07	2.13
Male	1917	2.38	1.34	3.43	2.41	1.38	3.45
RACE							
Black	446	0.26	0.00	0.72	0.27	0.00	0.70
Other	282	1.18	0.00	2.58	0.95	0.00	2.08
White	4327	2.18	1.53	2.83	2.27	1.58	2.96
EDUCATION							
<HS	546	4.26	1.72	6.80	5.88	2.42	9.34
HS	1847	1.83	0.84	2.82	1.97	0.87	3.07
>HS	2702	1.63	0.96	2.31	1.60	0.95	2.25
INCOME							
<$15,000	524	3.42	1.24	5.59	3.81	1.31	6.31
$15-24,999	855	2.32	0.79	3.86	2.37	0.88	3.86
$25-24,999	664	1.71	0.17	3.26	1.71	0.18	3.25
$35-49,999	796	2.00	0.40	3.61	1.98	0.47	3.49
$50-74,999	730	1.85	0.72	2.98	1.63	0.60	2.66
$75,000+	906	1.16	0.30	2.02	1.03	0.28	1.79

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, 2008
Chapter 5 - Emotional Support and Life Satisfaction
Always or usually gets social and emotional support needed

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4916	80.11	78.48	81.73	79.99	78.31	81.67
REGION							
Central	566	75.86	70.31	81.40	76.22	71.11	81.33
Kansas City	872	79.76	76.17	83.35	79.53	75.84	83.21
Northeast	568	80.48	75.64	85.32	80.54	75.77	85.31
Northwest	573	76.95	70.83	83.08	76.40	70.50	82.29
Southeast	569	75.64	71.44	79.83	75.76	71.28	80.23
Southwest	567	85.76	82.28	89.23	85.45	81.69	89.20
St. Louis	1201	80.85	77.83	83.87	80.92	77.86	83.98
GENDER							
Female	3093	80.42	78.46	82.38	80.40	78.36	82.44
Male	1823	79.76	77.10	82.41	79.67	77.04	82.29
RACE							
Black	423	62.05	55.03	69.08	62.40	55.90	68.90
Other	259	64.66	55.97	73.35	63.33	55.40	71.26
White	4192	82.89	81.25	84.53	82.87	81.15	84.59
EDUCATION							
<HS	515	63.08	56.07	70.09	61.61	54.59	68.64
HS	1766	74.75	71.59	77.91	74.33	71.13	77.54
>HS	2631	86.18	84.44	87.92	86.26	84.44	88.09
INCOME							
<$15,000	497	52.41	45.52	59.30	51.09	43.82	58.36
$15-24,999	817	67.64	62.28	73.00	65.90	60.85	70.94
$25-24,999	650	75.20	70.12	80.28	74.17	68.64	79.70
$35-49,999	770	84.25	80.71	87.78	84.03	80.41	87.65
$50-74,999	721	84.95	81.26	88.64	85.97	82.13	89.81
$75,000+	880	90.07	87.63	92.52	89.82	87.06	92.58

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 5 - Emotional Support and Life Satisfaction
Sometimes gets social and emotional support needed

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4916	13.19	11.74	14.63	13.33	11.83	14.82
REGION							
Central	566	16.67	11.41	21.92	16.40	11.63	21.18
Kansas City	872	13.52	10.27	16.78	13.78	10.45	17.12
Northeast	568	11.23	8.11	14.35	11.70	8.28	15.11
Northwest	573	15.94	10.70	21.18	16.66	11.33	21.98
Southeast	569	13.69	10.22	17.16	14.33	10.43	18.23
Southwest	567	9.71	6.64	12.78	10.06	6.70	13.42
St. Louis	1201	13.09	10.43	15.74	13.02	10.30	15.73
GENDER							
Female	3093	13.40	11.66	15.14	13.51	11.69	15.33
Male	1823	12.96	10.59	15.32	12.98	10.64	15.31
RACE							
Black	423	26.22	19.56	32.88	25.12	19.13	31.10
Other	259	23.56	15.03	32.10	23.21	15.71	30.70
White	4192	11.27	9.85	12.70	11.43	9.92	12.93
EDUCATION							
<HS	515	21.54	15.41	27.68	22.17	16.12	28.21
HS	1766	16.56	13.65	19.48	17.03	14.12	19.93
>HS	2631	9.77	8.27	11.28	9.53	8.02	11.04
INCOME							
<$15,000	497	27.47	20.70	34.23	28.83	21.82	35.85
$15-24,999	817	22.20	17.00	27.40	23.23	18.45	28.00
$25-24,999	650	16.75	12.01	21.49	17.88	12.83	22.92
$35-49,999	770	10.13	7.46	12.80	9.86	7.32	12.40
$50-74,999	721	10.10	7.07	13.14	8.98	6.31	11.65
$75,000+	880	7.23	5.11	9.35	6.39	4.45	8.33

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 5 - Emotional Support and Life Satisfaction
Rarely or never gets social and emotional support needed

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4916	6.71	5.81	7.60	6.68	5.76	7.60
REGION							
Central	566	7.48	4.57	10.38	7.37	4.77	9.98
Kansas City	872	6.72	4.81	8.63	6.69	4.75	8.63
Northeast	568	8.29	4.11	12.47	7.76	3.94	11.59
Northwest	573	7.10	2.78	11.43	6.95	2.97	10.93
Southeast	569	10.67	7.86	13.48	9.92	7.25	12.58
Southwest	567	4.53	2.73	6.33	4.49	2.63	6.36
St. Louis	1201	6.06	4.44	7.68	6.06	4.45	7.67
GENDER							
Female	3093	6.18	5.15	7.21	6.09	5.02	7.16
Male	1823	7.28	5.78	8.78	7.36	5.88	8.84
RACE							
Black	423	11.73	7.83	15.63	12.48	8.63	16.33
Other	259	11.78	7.02	16.54	13.46	8.38	18.54
White	4192	5.83	4.91	6.76	5.71	4.75	6.66
EDUCATION							
<HS	515	15.38	10.77	19.99	16.22	11.24	21.21
HS	1766	8.68	7.02	10.35	8.64	6.96	10.32
>HS	2631	4.05	3.09	5.00	4.21	3.10	5.31
INCOME							
<$15,000	497	20.12	15.34	24.90	20.08	15.02	25.13
$15-24,999	817	10.16	7.44	12.87	10.88	7.99	13.77
$25-24,999	650	8.05	5.44	10.66	7.95	5.16	10.74
$35-49,999	770	5.62	3.12	8.13	6.11	3.41	8.82
$50-74,999	721	4.95	2.58	7.31	5.05	2.16	7.95
$75,000+	880	2.70	1.39	4.01	3.79	1.77	5.81

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 5 - Emotional Support and Life Satisfaction
Very satisfied or satisfied with their life

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4977	94.07	93.04	95.10	94.02	92.95	95.09
REGION							
Central	581	95.56	93.80	97.32	95.41	93.58	97.23
Kansas City	882	93.89	91.72	96.05	93.94	91.73	96.16
Northeast	576	92.27	87.84	96.69	92.14	87.96	96.31
Northwest	579	94.34	90.18	98.50	94.31	90.57	98.06
Southeast	570	92.78	90.27	95.28	92.85	90.07	95.63
Southwest	573	93.93	90.70	97.17	93.76	90.23	97.28
St. Louis	1216	94.25	92.31	96.18	94.15	92.13	96.16
GENDER							
Female	3123	94.08	92.89	95.26	93.99	92.73	95.26
Male	1854	94.06	92.34	95.78	94.12	92.44	95.80
RACE							
Black	430	85.74	80.39	91.09	86.75	81.94	91.57
Other	262	92.61	87.84	97.39	91.83	86.85	96.81
White	4243	94.94	93.90	95.97	94.92	93.83	96.02
EDUCATION							
<HS	529	86.16	80.89	91.42	83.43	78.05	88.82
HS	1796	92.70	90.61	94.79	92.59	90.52	94.65
>HS	2648	96.23	95.30	97.15	96.44	95.55	97.33
INCOME							
<$15,000	507	77.28	71.61	82.96	75.01	68.90	81.12
$15-24,999	828	89.06	85.54	92.58	87.06	83.17	90.95
$25-24,999	650	94.37	91.67	97.08	93.82	90.85	96.80
$35-49,999	779	96.00	93.66	98.33	96.00	93.55	98.45
$50-74,999	726	98.54	97.41	99.67	98.79	97.79	99.79
$75,000+	884	96.78	95.08	98.48	96.80	94.76	98.83

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 5 - Emotional Support and Life Satisfaction
Dissatisfied or very dissatisfied with life

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4977	5.93	4.90	6.96	5.98	4.91	7.05
REGION							
Central	581	4.44	2.68	6.20	4.59	2.77	6.42
Kansas City	882	6.11	3.95	8.28	6.06	3.84	8.27
Northeast	576	7.73	3.31	12.16	7.86	3.69	12.04
Northwest	579	5.66	1.50	9.82	5.69	1.94	9.43
Southeast	570	7.22	4.72	9.73	7.15	4.37	9.93
Southwest	573	6.07	2.83	9.30	6.24	2.72	9.77
St. Louis	1216	5.75	3.82	7.69	5.85	3.84	7.87
GENDER							
Female	3123	5.92	4.74	7.11	6.01	4.74	7.27
Male	1854	5.94	4.22	7.66	5.88	4.20	7.56
RACE							
Black	430	14.26	8.91	19.61	13.25	8.43	18.06
Other	262	7.39	2.61	12.16	8.17	3.19	13.15
White	4243	5.06	4.03	6.10	5.08	3.98	6.17
EDUCATION							
<HS	529	13.84	8.58	19.11	16.57	11.18	21.95
HS	1796	7.30	5.21	9.39	7.41	5.35	9.48
>HS	2648	3.77	2.85	4.70	3.56	2.67	4.45
INCOME							
<$15,000	507	22.72	17.04	28.39	24.99	18.88	31.10
$15-24,999	828	10.94	7.42	14.46	12.94	9.05	16.83
$25-24,999	650	5.63	2.92	8.33	6.18	3.20	9.15
$35-49,999	779	4.00	1.67	6.34	4.00	1.55	6.45
$50-74,999	726	1.46	0.33	2.59	1.21	0.21	2.21
$75,000+	884	3.22	1.52	4.92	3.20	1.17	5.24

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 6 - Tobacco Use
Never Smoked

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	50.05	47.99	52.11	50.47	48.36	52.58
REGION							
Central	593	48.95	43.33	54.57	48.44	43.04	53.84
Kansas City	916	51.95	47.74	56.15	52.51	48.16	56.85
Northeast	596	50.80	45.31	56.30	53.48	48.18	58.79
Northwest	592	48.59	42.67	54.51	47.90	42.48	53.32
Southeast	598	42.94	38.05	47.82	44.05	38.67	49.43
Southwest	595	53.42	47.97	58.86	54.80	49.23	60.37
St. Louis	1254	49.98	45.89	54.07	49.93	45.77	54.09
GENDER							
Female	3206	54.98	52.40	57.57	55.22	52.48	57.96
Male	1938	44.74	41.51	47.97	44.94	41.74	48.13
RACE							
Black	449	58.53	51.75	65.32	57.03	50.83	63.23
Other	280	49.61	41.32	57.89	49.08	41.13	57.02
White	4369	49.27	47.03	51.51	49.66	47.33	51.99
EDUCATION							
<HS	558	30.38	23.30	37.45	25.15	19.72	30.58
HS	1864	44.18	40.69	47.68	44.11	40.53	47.68
>HS	2717	57.22	54.57	59.87	58.16	55.37	60.95
INCOME							
<$15,000	530	35.10	28.74	41.47	33.23	26.40	40.06
$15-24,999	863	39.86	34.72	45.00	40.09	34.91	45.27
$25-24,999	667	40.47	35.12	45.83	40.63	34.79	46.47
$35-49,999	804	47.27	41.93	52.61	47.64	42.47	52.81
$50-74,999	735	54.76	49.81	59.71	56.20	51.76	60.64
$75,000+	905	58.84	54.67	63.00	60.46	56.31	64.61

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 6 - Tobacco Use
Current Smoker

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	24.95	23.10	26.81	25.38	23.46	27.30
REGION							
Central	593	28.21	22.67	33.75	28.64	23.40	33.87
Kansas City	916	24.29	20.37	28.20	24.38	20.38	28.38
Northeast	596	24.05	18.82	29.28	23.93	18.87	28.99
Northwest	592	27.96	22.99	32.93	29.05	24.09	34.01
Southeast	598	30.20	25.54	34.86	31.64	26.51	36.76
Southwest	595	22.11	17.22	26.99	22.25	17.26	27.23
St. Louis	1254	23.76	20.20	27.31	24.35	20.66	28.05
GENDER							
Female	3206	22.79	20.52	25.07	23.57	21.10	26.04
Male	1938	27.28	24.31	30.25	27.30	24.35	30.25
RACE							
Black	449	24.74	18.71	30.78	23.59	18.03	29.15
Other	280	25.85	18.54	33.15	26.17	19.51	32.84
White	4369	24.92	22.89	26.95	25.70	23.55	27.84
EDUCATION							
<HS	558	48.99	41.80	56.18	58.81	53.07	64.55
HS	1864	30.38	27.03	33.74	31.43	28.00	34.85
>HS	2717	17.28	15.18	19.38	17.05	14.74	19.36
INCOME							
<$15,000	530	44.69	37.94	51.44	49.87	42.72	57.02
$15-24,999	863	37.88	32.29	43.47	39.82	34.62	45.01
$25-24,999	667	32.27	26.69	37.85	35.79	29.80	41.77
$35-49,999	804	24.91	20.25	29.57	24.52	19.83	29.20
$50-74,999	735	20.27	16.41	24.12	19.25	15.57	22.92
$75,000+	905	14.20	11.31	17.09	12.74	9.82	15.65

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 6 - Tobacco Use
Former Smoker

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5144	25.00	23.37	26.62	24.15	22.61	25.69
REGION							
Central	593	22.84	18.81	26.87	22.92	19.18	26.66
Kansas City	916	23.77	20.52	27.01	23.11	20.00	26.21
Northeast	596	25.15	20.96	29.33	22.59	18.83	26.35
Northwest	592	23.45	19.24	27.66	23.05	19.16	26.95
Southeast	598	26.86	22.84	30.88	24.31	20.66	27.96
Southwest	595	24.47	20.16	28.78	22.96	19.16	26.75
St. Louis	1254	26.26	22.96	29.57	25.72	22.52	28.92
GENDER							
Female	3206	22.22	20.26	24.18	21.21	19.32	23.11
Male	1938	27.98	25.35	30.61	27.76	25.33	30.20
RACE							
Black	449	16.72	12.33	21.12	19.38	15.15	23.60
Other	280	24.54	17.39	31.69	24.75	18.23	31.27
White	4369	25.81	24.03	27.59	24.64	22.97	26.32
EDUCATION							
<HS	558	20.63	16.48	24.78	16.04	13.23	18.85
HS	1864	25.43	22.63	28.23	24.47	21.71	27.22
>HS	2717	25.50	23.29	27.72	24.79	22.70	26.88
INCOME							
<$15,000	530	20.20	15.89	24.51	16.90	13.38	20.42
$15-24,999	863	22.26	18.50	26.03	20.09	16.88	23.30
$25-24,999	667	27.25	22.53	31.98	23.58	19.04	28.12
$35-49,999	804	27.82	23.40	32.23	27.84	23.79	31.90
$50-74,999	735	24.98	20.91	29.05	24.55	20.77	28.33
$75,000+	905	26.96	23.25	30.67	26.80	23.22	30.38

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 6 - Tobacco Use
Current Smoker That Tried To Quit For One or More Days In Past 12 Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1164	53.93	49.61	58.24	52.31	48.28	56.34
REGION							
Central	141	58.48	47.07	69.89	53.28	43.55	63.02
Kansas City	184	50.65	41.01	60.30	51.72	43.59	59.85
Northeast	123	58.28	46.06	70.49	61.25	51.26	71.24
Northwest	148	49.86	39.59	60.12	50.01	40.04	59.98
Southeast	163	52.72	43.23	62.21	51.17	41.89	60.45
Southwest	117	52.29	39.20	65.38	51.27	39.10	63.44
St. Louis	288	55.00	46.42	63.59	52.84	44.77	60.92
GENDER							
Female	684	58.87	53.33	64.41	57.61	52.28	62.95
Male	480	49.48	42.94	56.02	47.81	41.87	53.75
RACE							
Black	113	75.82	66.05	85.59	73.82	63.94	83.70
Other	76	48.39	31.86	64.92	51.81	36.69	66.93
White	967	52.26	47.45	57.06	50.34	45.90	54.79
EDUCATION							
<HS	199	54.61	43.86	65.36	53.17	43.92	62.42
HS	500	55.30	48.65	61.96	52.46	46.49	58.43
>HS	463	51.79	45.10	58.49	50.99	43.75	58.24
INCOME							
<$15,000	189	62.70	53.04	72.36	61.77	53.30	70.25
$15-24,999	248	54.58	44.31	64.85	53.03	45.00	61.06
$25-24,999	177	62.22	51.63	72.81	59.98	50.04	69.92
$35-49,999	180	43.23	32.46	54.01	43.84	33.50	54.19
$50-74,999	140	47.20	36.72	57.68	43.74	32.70	54.79
$75,000+	131	50.66	39.65	61.66	58.13	47.29	68.97

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 7 – Leisure Time Physical Activity or Exercise
No leisure time physical activity in the past month

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5156	27.58	25.85	29.30	27.19	25.44	28.94
REGION							
Central	595	29.37	24.05	34.70	29.24	24.08	34.41
Kansas City	917	30.35	26.51	34.19	30.22	26.26	34.17
Northeast	599	27.81	23.43	32.20	27.01	22.54	31.48
Northwest	593	32.59	26.73	38.45	31.91	26.51	37.30
Southeast	598	37.32	32.69	41.95	36.18	31.43	40.93
Southwest	596	23.90	19.77	28.02	23.94	19.81	28.07
St. Louis	1258	23.79	20.57	27.01	23.05	19.85	26.24
GENDER							
Female	3216	31.08	28.75	33.41	30.10	27.68	32.53
Male	1940	23.81	21.28	26.34	23.87	21.35	26.40
RACE							
Black	449	37.31	30.46	44.15	37.31	30.86	43.76
Other	281	26.29	19.41	33.16	26.94	20.73	33.16
White	4380	26.77	24.93	28.61	26.12	24.24	28.01
EDUCATION							
<HS	558	39.20	32.82	45.58	39.94	34.09	45.79
HS	1869	36.68	33.33	40.04	36.18	32.75	39.61
>HS	2724	19.99	18.05	21.93	19.83	17.85	21.81
INCOME							
<$15,000	530	42.87	36.37	49.36	40.72	34.68	46.75
$15-24,999	865	35.51	30.55	40.47	36.47	31.51	41.44
$25-24,999	669	31.49	26.62	36.37	31.51	26.24	36.77
$35-49,999	804	26.12	21.99	30.26	25.82	21.97	29.67
$50-74,999	736	27.23	23.04	31.41	26.98	22.66	31.30
$75,000+	909	14.67	11.88	17.46	14.24	11.01	17.47

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, 2008
Chapter 8 - Alcohol Consumption
Had At Least One Drink In Past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5140	51.96	49.93	53.99	52.34	50.25	54.42
REGION							
Central	595	49.67	44.03	55.32	50.14	44.80	55.49
Kansas City	915	53.31	49.12	57.50	53.33	49.11	57.55
Northeast	600	42.56	37.01	48.11	41.60	36.34	46.86
Northwest	592	45.05	39.13	50.97	45.31	39.55	51.07
Southeast	595	37.79	32.88	42.71	38.00	32.72	43.28
Southwest	590	44.43	38.91	49.94	44.46	38.84	50.08
St. Louis	1253	61.09	57.09	65.08	61.52	57.44	65.60
GENDER							
Female	3206	43.16	40.56	45.75	44.10	41.32	46.87
Male	1934	61.44	58.31	64.57	61.29	58.21	64.37
RACE							
Black	448	46.01	38.96	53.05	45.00	38.66	51.33
Other	280	48.27	39.93	56.62	47.81	40.26	55.36
White	4367	52.90	50.70	55.11	53.37	51.08	55.67
EDUCATION							
<HS	555	32.53	25.63	39.44	31.90	25.30	38.49
HS	1863	45.27	41.77	48.77	46.84	43.29	50.40
>HS	2717	59.57	56.98	62.16	59.21	56.43	61.99
INCOME							
<$15,000	527	31.35	25.35	37.36	33.18	26.26	40.09
$15-24,999	861	40.61	35.10	46.12	39.41	34.42	44.41
$25-24,999	668	45.36	39.77	50.95	47.07	41.36	52.79
$35-49,999	803	51.83	46.53	57.13	51.45	46.05	56.85
$50-74,999	736	58.16	53.22	63.09	57.67	52.07	63.28
$75,000+	905	70.98	67.21	74.75	68.23	63.67	72.79

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 8 Alcohol Consumption
Women That Had More Than One Drink On Each Day Of The Past 30 Days (Heavy Drinking)

Crude And Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3180	5.28	3.66	6.89	5.60	3.83	7.37
REGION							
Central	355	4.03	1.41	6.65	4.46	1.61	7.31
Kansas City	562	5.31	2.80	7.82	5.36	2.70	8.01
Northeast	382	2.47	0.17	4.77	1.99	0.25	3.73
Northwest	372	3.14	0.91	5.37	3.53	1.04	6.02
Southeast	368	1.58	0.10	3.06	1.25	0.05	2.46
Southwest	371	3.75	0.00	7.66	4.06	0.00	8.20
St. Louis	770	7.90	4.11	11.70	8.46	4.49	12.43
GENDER							
Female	3180	5.28	3.66	6.89	5.60	3.83	7.37
Male							
RACE							
Black	303	4.71	1.65	7.77	4.61	1.65	7.58
Other	170	1.60	0.00	3.59	1.93	0.00	4.35
White	2678	5.58	3.72	7.44	6.00	3.93	8.08
EDUCATION							
<HS	342	2.62	0.58	4.65	2.50	0.47	4.54
HS	1154	4.25	2.14	6.35	4.70	2.37	7.03
>HS	1682	6.30	3.81	8.80	6.51	3.82	9.20
INCOME							
<$15,000	386	3.39	1.22	5.55	3.54	1.23	5.84
$15-24,999	564	5.42	0.50	10.34	5.60	0.93	10.27
$25-24,999	414	2.27	0.08	4.45	2.33	0.20	4.45
$35-49,999	479	4.44	2.09	6.78	4.74	2.07	7.41
$50-74,999	416	2.59	0.97	4.22	2.59	0.87	4.31
$75,000+	459	9.15	5.42	12.87	7.38	4.28	10.47

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 8 - Alcohol Consumption
Men That Had More Than Two Drinks On Each of the Past 30 Days (Heavy Drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1877	5.48	4.15	6.81	5.47	4.14	6.80
REGION							
Central	233	7.34	3.07	11.61	7.48	3.32	11.65
Kansas City	335	6.75	3.30	10.19	6.76	3.28	10.24
Northeast	207	6.70	3.32	10.08	6.71	3.22	10.21
Northwest	213	11.96	5.92	17.99	11.75	5.96	17.54
Southeast	221	4.72	1.26	8.19	4.36	1.28	7.44
Southwest	207	2.91	0.34	5.48	2.87	0.35	5.39
St. Louis	461	4.49	2.10	6.87	4.35	2.06	6.63
GENDER							
Female							
Male	1877	5.48	4.15	6.81	5.47	4.14	6.80
RACE							
Black	138	3.83	0.61	7.04	3.93	0.83	7.02
Other	104	9.29	1.89	16.69	8.05	1.74	14.35
White	1621	5.35	3.93	6.77	5.36	3.93	6.79
EDUCATION							
<HS	202	6.16	1.26	11.06	6.65	2.47	10.84
HS	678	8.10	5.36	10.85	8.07	5.35	10.79
>HS	994	3.74	2.33	5.15	3.49	2.19	4.79
INCOME							
<$15,000	136	2.72	0.34	5.11	2.30	0.26	4.33
$15-24,999	284	5.74	2.51	8.96	6.99	2.85	11.12
$25-24,999	242	7.52	3.07	11.96	8.63	3.28	13.97
$35-49,999	315	4.92	2.32	7.52	4.43	2.15	6.71
$50-74,999	313	6.84	3.08	10.60	7.09	3.05	11.13
$75,000+	433	4.35	1.71	6.98	4.38	1.29	7.48

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 8 - Alcohol Consumption
Women That Drank Four Or More Drinks On One Or More Occasions In Past 30 Days (Binge Drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3186	10.31	8.41	12.22	10.99	8.93	13.06
REGION							
Central	354	7.57	3.67	11.46	8.05	4.06	12.03
Kansas City	566	10.22	6.64	13.79	10.51	6.75	14.27
Northeast	383	9.18	5.01	13.35	8.47	4.81	12.13
Northwest	372	9.51	5.44	13.57	9.95	5.65	14.26
Southeast	368	6.26	3.20	9.33	7.14	3.17	11.11
Southwest	370	9.79	4.67	14.92	10.32	5.21	15.43
St. Louis	773	12.81	8.69	16.93	13.72	9.33	18.11
GENDER							
Female	3186	10.31	8.41	12.22	10.99	8.93	13.06
Male							
RACE							
Black	306	11.85	5.83	17.87	11.38	5.78	16.99
Other	169	12.33	4.72	19.94	12.88	4.78	20.97
White	2683	10.08	7.98	12.18	10.96	8.64	13.27
EDUCATION							
<HS	341	6.17	1.48	10.86	6.88	1.73	12.03
HS	1157	8.29	5.47	11.12	9.40	6.19	12.61
>HS	1686	12.16	9.38	14.95	12.34	9.42	15.27
INCOME							
<$15,000	388	8.56	4.29	12.83	9.93	4.29	15.57
$15-24,999	561	11.82	5.98	17.65	13.58	7.63	19.52
$25-24,999	417	4.21	1.62	6.81	4.72	1.89	7.56
$35-49,999	479	10.83	6.86	14.80	10.69	6.50	14.88
$50-74,999	417	9.66	6.19	13.13	9.62	5.75	13.48
$75,000+	460	11.29	7.47	15.12	10.93	6.33	15.53

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 8 - Alcohol Consumption
Men That Drank Five Or More Drinks On One Or More Occasions In Past 30 Days (Binge Drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1891	20.74	18.08	23.41	20.56	17.92	23.21
REGION							
Central	235	21.01	14.16	27.85	21.28	14.80	27.75
Kansas City	339	23.61	17.47	29.75	23.58	17.57	29.58
Northeast	210	23.04	15.90	30.18	23.66	16.17	31.14
Northwest	216	29.86	20.05	39.67	28.56	20.53	36.59
Southeast	221	18.40	11.44	25.36	17.93	10.82	25.04
Southwest	210	15.16	7.68	22.65	14.64	7.83	21.46
St. Louis	460	20.73	15.75	25.70	20.27	15.29	25.24
GENDER							
Female							
Male	1891	20.74	18.08	23.41	20.56	17.92	23.21
RACE							
Black	137	15.69	6.94	24.43	14.44	7.10	21.78
Other	104	22.28	11.16	33.40	21.09	11.00	31.18
White	1636	20.96	18.08	23.85	21.09	18.16	24.01
EDUCATION							
<HS	204	19.67	9.93	29.40	19.62	11.34	27.91
HS	680	24.58	19.73	29.44	24.31	19.59	29.03
>HS	1004	18.61	15.36	21.86	18.25	14.87	21.63
INCOME							
<$15,000	136	19.36	9.92	28.79	20.55	10.53	30.58
$15-24,999	286	18.59	11.43	25.75	17.97	11.34	24.60
$25-24,999	243	20.24	12.51	27.98	21.48	13.35	29.60
$35-49,999	319	27.36	19.48	35.23	26.88	18.87	34.89
$50-74,999	315	19.95	14.22	25.67	19.83	13.74	25.92
$75,000+	438	22.27	17.09	27.45	21.86	16.43	27.30

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 9 - Drinking And Driving
Drove After Having Too Much Alcohol To Drink In Past 30 Days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2267	3.64	2.47	4.81	3.53	2.39	4.67
REGION							
Central	268	3.89	1.16	6.62	3.80	1.10	6.49
Kansas City	433	6.32	2.58	10.05	6.24	2.69	9.80
Northeast	221	5.01	0.07	9.95	4.03	0.37	7.69
Northwest	231	4.57	0.29	8.85	3.85	0.43	7.27
Southeast	189	0.65	0.00	1.56	0.93	0.00	2.24
Southwest	222	0.67	0.00	1.48	0.63	0.00	1.36
St. Louis	703	3.54	1.61	5.47	3.54	1.57	5.51
GENDER							
Female	1183	1.57	0.47	2.66	1.52	0.51	2.53
Male	1084	5.23	3.35	7.10	5.12	3.23	7.01
RACE							
Black	180	5.17	0.00	10.86	4.06	0.11	8.01
Other	111	4.62	0.00	12.39	3.64	0.00	8.67
White	1964	3.37	2.23	4.52	3.33	2.16	4.50
EDUCATION							
<HS	129	0.49	0.00	1.19	0.70	0.00	1.70
HS	700	4.00	1.86	6.14	3.80	1.76	5.83
>HS	1436	3.76	2.24	5.27	3.63	2.13	5.14
INCOME							
<$15,000	134	0.00	0.00	0.00	0.00	0.00	0.00
$15-24,999	275	6.31	1.88	10.74	6.59	2.22	10.97
$25-24,999	280	5.57	0.55	10.59	5.16	0.71	9.60
$35-49,999	380	2.51	0.95	4.06	2.18	0.85	3.51
$50-74,999	386	4.13	0.99	7.27	4.08	0.70	7.46
$75,000+	610	3.44	1.38	5.50	2.93	1.08	4.79

Definition: “1 or greater” to the question, “During the past 30 days, how many times have you driven when you’ve had perhaps too much to drink?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 10 – Seatbelt Use
Always Uses A Seatbelt When Driving Or Riding In A Car

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5088	73.12	71.19	75.05	72.83	70.88	74.79
REGION							
Central	589	68.49	62.74	74.25	69.09	63.85	74.32
Kansas City	902	78.68	74.98	82.39	78.41	74.58	82.24
Northeast	593	56.55	50.89	62.21	55.45	49.40	61.51
Northwest	589	66.87	60.70	73.05	67.02	61.21	72.83
Southeast	589	65.87	61.01	70.73	64.44	59.08	69.80
Southwest	585	72.10	66.97	77.23	72.40	67.27	77.54
St. Louis	1241	76.88	73.12	80.63	76.48	72.68	80.27
GENDER							
Female	3184	78.35	76.03	80.67	77.66	75.18	80.15
Male	1904	67.46	64.35	70.56	67.70	64.67	70.72
RACE							
Black	440	64.86	57.57	72.16	67.14	61.06	73.22
Other	270	72.71	64.49	80.92	75.30	68.68	81.92
White	4334	73.89	71.83	75.96	73.46	71.31	75.61
EDUCATION							
<HS	538	62.55	54.79	70.31	64.72	58.16	71.27
HS	1847	66.02	62.58	69.45	64.93	61.46	68.41
>HS	2698	79.26	77.00	81.53	78.74	76.26	81.23
INCOME							
<$15,000	516	68.01	61.52	74.50	66.80	60.02	73.59
$15-24,999	854	64.50	58.90	70.11	64.74	59.48	70.00
$25-24,999	665	69.03	63.57	74.48	67.88	62.16	73.61
$35-49,999	801	68.49	63.05	73.94	68.75	63.61	73.88
$50-74,999	734	75.41	71.05	79.77	75.34	70.32	80.36
$75,000+	897	81.95	78.51	85.38	81.82	77.93	85.70

Definition: “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, 2008
Chapter 10 – Seatbelt Use
Nearly Always Uses A Seatbelt When Driving Or Riding In A Car

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5088	15.42	13.84	17.01	15.56	13.93	17.19
REGION							
Central	589	17.90	12.92	22.88	17.74	13.16	22.31
Kansas City	902	13.28	10.14	16.41	13.44	10.20	16.68
Northeast	593	25.27	20.46	30.07	25.91	20.53	31.30
Northwest	589	18.43	13.46	23.39	18.21	13.48	22.94
Southeast	589	17.61	13.71	21.51	19.08	14.50	23.66
Southwest	585	18.87	14.21	23.54	18.67	14.06	23.28
St. Louis	1241	12.10	9.20	15.00	12.17	9.21	15.13
GENDER							
Female	3184	13.46	11.52	15.41	13.98	11.87	16.10
Male	1904	17.54	15.00	20.08	17.31	14.81	19.80
RACE							
Black	440	13.32	8.57	18.06	12.95	8.46	17.45
Other	270	16.59	9.28	23.89	13.83	8.91	18.74
White	4334	15.53	13.81	17.26	15.77	13.95	17.58
EDUCATION							
<HS	538	20.18	12.85	27.52	17.95	12.18	23.72
HS	1847	18.21	15.42	21.00	18.99	16.08	21.89
>HS	2698	12.90	11.07	14.72	13.21	11.19	15.24
INCOME							
<$15,000	516	14.79	10.25	19.32	15.06	10.27	19.85
$15-24,999	854	16.93	12.83	21.03	18.17	13.69	22.66
$25-24,999	665	18.46	13.72	23.20	18.84	14.08	23.60
$35-49,999	801	19.32	14.29	24.35	18.82	14.13	23.52
$50-74,999	734	15.38	11.55	19.22	15.92	11.37	20.47
$75,000+	897	10.15	7.70	12.61	10.19	7.32	13.07

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, 2008
Chapter 10 – Seatbelt Use
Sometimes Uses A Seatbelt When Driving Or Riding In A Car

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5088	6.15	5.11	7.18	6.22	5.15	7.30
REGION							
Central	589	7.16	4.16	10.17	6.86	4.20	9.51
Kansas City	902	4.59	2.77	6.41	4.63	2.76	6.51
Northeast	593	9.52	5.20	13.84	9.82	5.67	13.97
Northwest	589	5.28	2.76	7.81	5.20	2.77	7.63
Southeast	589	7.83	4.98	10.68	7.73	4.65	10.82
Southwest	585	5.36	2.61	8.10	5.28	2.43	8.12
St. Louis	1241	6.20	4.16	8.24	6.44	4.26	8.63
GENDER							
Female	3184	4.64	3.45	5.83	4.74	3.47	6.01
Male	1904	7.77	6.04	9.51	7.75	6.01	9.48
RACE							
Black	440	13.53	7.58	19.47	12.46	7.59	17.33
Other	270	6.18	1.32	11.03	6.07	1.73	10.42
White	4334	5.50	4.49	6.51	5.58	4.51	6.65
EDUCATION							
<HS	538	8.08	3.78	12.37	7.79	4.25	11.33
HS	1847	7.93	5.96	9.91	7.98	5.92	10.05
>HS	2698	4.73	3.55	5.92	4.72	3.48	5.96
INCOME							
<$15,000	516	8.87	3.69	14.04	9.80	4.38	15.23
$15-24,999	854	8.09	5.11	11.07	7.47	4.85	10.08
$25-24,999	665	9.92	6.17	13.66	10.73	6.81	14.66
$35-49,999	801	6.01	3.21	8.82	6.02	3.08	8.97
$50-74,999	734	4.69	2.71	6.66	4.42	2.38	6.45
$75,000+	897	4.54	2.55	6.53	4.21	2.32	6.10

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, 2008
Chapter 10 – Seatbelt Use
Seldom Uses A Seatbelt When Driving Or Riding In A Car

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5088	3.08	2.17	3.98	3.13	2.20	4.07
REGION							
Central	589	3.51	0.49	6.53	3.31	0.80	5.82
Kansas City	902	2.30	0.86	3.73	2.32	0.80	3.84
Northeast	593	4.48	2.16	6.80	4.15	2.00	6.29
Northwest	589	3.34	0.93	5.75	3.24	0.98	5.50
Southeast	589	4.69	2.39	6.99	4.88	2.52	7.24
Southwest	585	1.72	0.78	2.65	1.68	0.77	2.60
St. Louis	1241	3.29	1.27	5.30	3.48	1.37	5.59
GENDER							
Female	3184	2.07	1.18	2.96	2.16	1.16	3.16
Male	1904	4.16	2.56	5.77	4.15	2.59	5.72
RACE							
Black	440	4.32	0.62	8.02	3.83	0.86	6.80
Other	270	1.50	0.11	2.90	1.56	0.13	2.99
White	4334	3.08	2.09	4.07	3.19	2.14	4.25
EDUCATION							
<HS	538	4.12	1.05	7.19	4.35	1.18	7.53
HS	1847	3.90	2.17	5.64	3.93	2.29	5.57
>HS	2698	2.40	1.31	3.49	2.61	1.32	3.90
INCOME							
<$15,000	516	3.59	1.31	5.86	3.49	1.15	5.83
$15-24,999	854	7.36	2.72	12.00	5.89	2.73	9.05
$25-24,999	665	1.99	0.66	3.31	1.94	0.61	3.28
$35-49,999	801	3.02	1.65	4.39	3.10	1.66	4.53
$50-74,999	734	1.98	0.97	2.99	1.87	0.87	2.87
$75,000+	897	2.37	0.64	4.10	2.22	0.48	3.96

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, 2008
Chapter 10 – Seatbelt Use
Never Uses A Seatbelt When Driving Or Riding In A Car

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5088	2.24	1.65	2.83	2.26	1.64	2.87
REGION							
Central	589	2.93	1.04	4.82	3.01	1.07	4.95
Kansas City	902	1.15	0.21	2.09	1.20	0.19	2.21
Northeast	593	4.18	1.19	7.17	4.66	0.78	8.55
Northwest	589	6.07	1.48	10.67	6.33	1.76	10.90
Southeast	589	4.00	1.75	6.24	3.87	1.68	6.06
Southwest	585	1.95	0.85	3.05	1.96	0.79	3.14
St. Louis	1241	1.54	0.51	2.56	1.43	0.43	2.43
GENDER							
Female	3184	1.48	0.86	2.10	1.45	0.80	2.11
Male	1904	3.06	2.03	4.09	3.10	2.05	4.15
RACE							
Black	440	3.98	0.77	7.18	3.61	0.99	6.24
Other	270	3.02	0.58	5.47	3.24	0.69	5.79
White	4334	1.99	1.40	2.59	2.00	1.37	2.63
EDUCATION							
<HS	538	5.07	1.59	8.55	5.19	2.16	8.22
HS	1847	3.94	2.62	5.26	4.16	2.73	5.60
>HS	2698	0.71	0.42	1.00	0.71	0.42	1.00
INCOME							
<$15,000	516	4.75	2.47	7.03	4.85	2.40	7.30
$15-24,999	854	3.11	1.39	4.84	3.73	1.67	5.79
$25-24,999	665	0.61	0.16	1.06	0.60	0.10	1.09
$35-49,999	801	3.15	0.93	5.37	3.31	0.99	5.63
$50-74,999	734	2.54	0.94	4.15	2.46	0.91	4.00
$75,000+	897	0.99	0.10	1.87	1.56	0.00	3.20

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, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On 0 Days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	28.46	26.75	30.17	25.04	23.10	26.97
REGION							
Central	585	35.48	30.00	40.96	34.43	29.35	39.51
Kansas City	908	25.81	22.40	29.21	25.53	22.23	28.82
Northeast	587	30.69	25.84	35.54	27.76	23.00	32.52
Northwest	583	32.50	27.54	37.46	31.75	27.15	36.34
Southeast	592	27.11	23.06	31.16	24.58	20.81	28.36
Southwest	591	30.39	25.64	35.13	29.89	25.13	34.65
St. Louis	1247	26.32	23.13	29.51	25.71	22.70	28.72
GENDER							
Female	3175	26.01	24.00	28.01	24.26	22.40	26.12
Male	1918	31.11	28.28	33.95	31.22	28.46	33.98
RACE							
Black	446	21.84	16.90	26.78	25.49	20.80	30.19
Other	275	28.13	20.99	35.28	30.16	23.25	37.07
White	4328	29.02	27.14	30.90	27.76	25.90	29.62
EDUCATION							
<HS	547	37.56	30.66	44.46	35.12	28.24	42.00
HS	1846	31.57	28.59	34.56	29.97	27.10	32.84
>HS	2696	24.88	22.75	27.00	25.13	23.09	27.17
INCOME							
<$15,000	519	33.43	27.60	39.26	29.39	23.55	35.23
$15-24,999	854	30.19	25.54	34.84	26.81	22.51	31.11
$25-24,999	662	34.24	29.17	39.31	31.04	25.88	36.20
$35-49,999	800	26.30	22.07	30.53	27.14	23.09	31.20
$50-74,999	731	21.69	17.77	25.62	23.64	19.09	28.19
$75,000+	899	25.96	22.29	29.64	29.51	24.97	34.04

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On One Day of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	2.74	2.08	3.40	2.70	2.03	3.37
REGION							
Central	585	3.02	0.51	5.53	2.80	0.68	4.91
Kansas City	908	2.97	1.65	4.30	2.89	1.57	4.22
Northeast	587	2.33	0.87	3.80	2.11	0.82	3.40
Northwest	583	3.22	0.94	5.49	3.21	1.00	5.42
Southeast	592	1.00	0.35	1.64	0.87	0.31	1.44
Southwest	591	2.11	0.46	3.77	2.04	0.45	3.63
St. Louis	1247	3.26	1.99	4.53	3.23	1.96	4.51
GENDER							
Female	3175	2.50	1.68	3.31	2.48	1.59	3.36
Male	1918	3.00	1.95	4.06	2.95	1.91	3.98
RACE							
Black	446	2.18	0.32	4.04	2.31	0.43	4.19
Other	275	4.46	1.63	7.29	5.05	1.92	8.17
White	4328	2.65	1.93	3.38	2.59	1.85	3.34
EDUCATION							
<HS	547	0.72	0.13	1.30	0.68	0.08	1.29
HS	1846	3.17	1.84	4.50	3.10	1.78	4.43
>HS	2696	2.84	1.99	3.69	2.78	1.96	3.60
INCOME							
<$15,000	519	0.57	0.02	1.12	0.41	0.00	0.81
$15-24,999	854	2.34	0.43	4.25	2.13	0.45	3.82
$25-24,999	662	2.22	0.98	3.45	1.85	0.79	2.90
$35-49,999	800	2.40	1.09	3.71	2.32	0.99	3.65
$50-74,999	731	3.42	1.68	5.17	3.66	1.77	5.56
$75,000+	899	3.16	1.67	4.64	3.49	1.79	5.20

Definition: "1" response to the question, "In the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On Two to Five Days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	24.86	22.97	26.74	25.04	23.10	26.97
REGION							
Central	585	20.24	15.81	24.67	20.52	16.15	24.89
Kansas City	908	30.94	26.77	35.11	31.16	27.01	35.31
Northeast	587	21.28	16.51	26.06	23.47	17.99	28.94
Northwest	583	17.51	13.31	21.71	17.91	13.65	22.16
Southeast	592	20.50	16.28	24.72	20.79	16.14	25.44
Southwest	591	20.27	16.03	24.50	20.21	15.89	24.53
St. Louis	1247	27.62	23.71	31.52	27.47	23.53	31.40
GENDER							
Female	3175	23.69	21.32	26.06	24.21	21.67	26.76
Male	1918	26.12	23.15	29.09	25.81	22.88	28.75
RACE							
Black	446	20.80	15.15	26.45	19.97	14.71	25.22
Other	275	17.32	11.13	23.50	16.29	10.74	21.83
White	4328	25.79	23.71	27.87	26.10	23.92	28.27
EDUCATION							
<HS	547	18.36	11.56	25.16	16.86	11.19	22.53
HS	1846	22.63	19.35	25.91	22.83	19.59	26.06
>HS	2696	27.42	24.96	29.88	27.10	24.45	29.76
INCOME							
<$15,000	519	13.85	7.97	19.74	15.56	10.14	20.98
$15-24,999	854	20.31	15.72	24.90	19.93	15.65	24.20
$25-24,999	662	22.98	17.99	27.97	23.09	18.33	27.84
$35-49,999	800	26.99	21.67	32.30	26.92	21.90	31.93
$50-74,999	731	28.37	23.78	32.95	27.76	22.61	32.91
$75,000+	899	28.51	24.74	32.29	26.77	22.40	31.14

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On Six to Ten Days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	13.30	11.76	14.84	25.04	23.10	26.97
REGION							
Central	585	12.95	9.02	16.88	12.80	9.08	16.52
Kansas City	908	11.38	8.66	14.11	11.47	8.65	14.29
Northeast	587	14.15	9.46	18.84	14.53	9.79	19.28
Northwest	583	15.32	9.98	20.67	15.22	10.22	20.21
Southeast	592	13.01	9.48	16.53	14.19	10.10	18.27
Southwest	591	10.95	7.26	14.64	11.69	7.70	15.68
St. Louis	1247	15.21	11.94	18.49	15.70	12.32	19.08
GENDER							
Female	3175	14.13	11.92	16.33	14.81	12.48	17.15
Male	1918	12.41	10.27	14.55	12.50	10.34	14.67
RACE							
Black	446	18.66	12.17	25.15	16.99	11.56	22.42
Other	275	10.12	4.60	15.64	10.32	4.73	15.92
White	4328	13.06	11.41	14.70	13.54	11.78	15.29
EDUCATION							
<HS	547	8.27	4.60	11.94	9.14	5.07	13.21
HS	1846	10.82	8.55	13.09	11.21	8.85	13.56
>HS	2696	15.74	13.48	18.01	16.49	14.00	18.98
INCOME							
<$15,000	519	10.96	5.38	16.55	11.17	6.27	16.06
$15-24,999	854	11.94	8.05	15.84	12.79	9.14	16.44
$25-24,999	662	10.21	6.76	13.65	10.89	7.06	14.72
$35-49,999	800	12.22	8.55	15.89	12.01	8.31	15.70
$50-74,999	731	14.63	11.04	18.23	13.59	10.29	16.90
$75,000+	899	15.15	11.97	18.32	16.29	12.29	20.29

Definition: “6, 7, 8, 9, or 10” response to the question, “In the past 30 days, for about how many days have you felt you did not get enough rest or sleep?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On 11 to 20 Days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	13.86	12.44	15.28	25.04	23.10	26.97
REGION							
Central	585	14.12	10.29	17.96	14.39	10.61	18.17
Kansas City	908	13.34	10.47	16.20	13.12	10.21	16.03
Northeast	587	13.72	9.89	17.56	14.35	9.85	18.85
Northwest	583	13.66	9.85	17.48	13.96	10.07	17.85
Southeast	592	15.95	12.50	19.41	16.34	12.58	20.10
Southwest	591	19.76	15.12	24.39	19.19	14.90	23.49
St. Louis	1247	10.96	8.41	13.51	11.19	8.51	13.88
GENDER							
Female	3175	15.06	13.21	16.91	15.24	13.30	17.17
Male	1918	12.56	10.38	14.73	12.50	10.31	14.69
RACE							
Black	446	14.51	9.75	19.26	13.65	9.36	17.94
Other	275	16.79	9.96	23.63	14.93	9.93	19.93
White	4328	13.65	12.13	15.17	13.90	12.29	15.52
EDUCATION							
<HS	547	14.03	9.17	18.90	14.79	10.14	19.44
HS	1846	13.01	10.70	15.31	13.50	11.05	15.95
>HS	2696	14.37	12.44	16.30	13.96	11.91	16.02
INCOME							
<$15,000	519	12.02	8.53	15.51	12.73	8.91	16.56
$15-24,999	854	15.03	11.00	19.05	15.16	11.30	19.02
$25-24,999	662	13.71	9.69	17.73	14.61	10.11	19.12
$35-49,999	800	14.90	11.33	18.47	14.75	11.28	18.22
$50-74,999	731	16.66	12.52	20.80	16.64	11.89	21.40
$75,000+	899	13.55	10.60	16.50	11.94	9.23	14.66

Definition: “11,12,13,14,15,16,17,18,19, or 20” response to the question, “In the past 30 days, for about how many days have you felt you did not get enough rest or sleep?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 11 – Inadequate Sleep
Did Not Get Enough Rest Or Sleep On 21 or More Days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5093	16.78	15.25	18.31	25.04	23.10	26.97
REGION							
Central	585	14.19	10.55	17.83	15.07	11.39	18.74
Kansas City	908	15.56	12.62	18.49	15.82	12.85	18.79
Northeast	587	17.82	13.96	21.69	17.78	13.72	21.84
Northwest	583	17.79	12.74	22.84	17.96	13.05	22.87
Southeast	592	22.43	18.20	26.66	23.23	18.50	27.96
Southwest	591	16.53	12.23	20.82	16.98	12.55	21.42
St. Louis	1247	16.63	13.60	19.65	16.69	13.54	19.84
GENDER							
Female	3175	18.62	16.65	20.59	18.99	16.90	21.09
Male	1918	14.79	12.42	17.16	15.02	12.61	17.43
RACE							
Black	446	22.01	16.12	27.90	21.59	16.18	27.00
Other	275	23.18	16.02	30.34	23.25	16.69	29.80
White	4328	15.83	14.21	17.45	16.11	14.39	17.83
EDUCATION							
<HS	547	21.06	15.61	26.52	23.41	17.78	29.05
HS	1846	18.80	16.00	21.60	19.39	16.48	22.30
>HS	2696	14.74	12.85	16.64	14.53	12.61	16.45
INCOME							
<$15,000	519	29.16	23.36	34.97	30.74	24.25	37.23
$15-24,999	854	20.20	16.00	24.39	23.18	18.66	27.70
$25-24,999	662	16.64	12.42	20.87	18.52	13.72	23.32
$35-49,999	800	17.19	13.38	21.00	16.86	13.03	20.70
$50-74,999	731	15.22	11.69	18.75	14.70	11.10	18.31
$75,000+	899	13.67	10.49	16.86	12.00	9.09	14.91

Definition: “21 or greater” response to the question, “In the past 30 days, for about how many days have you felt you did not get enough rest or sleep?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 12 – Immunization
Age 18 And Older - Had Flu Shot In Past 12 Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 12.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5105	39.24	37.31	41.16	38.27	36.38	40.16
REGION							
Central	592	39.73	34.37	45.09	39.62	34.58	44.65
Kansas City	904	34.78	31.06	38.50	34.14	30.75	37.52
Northeast	595	38.16	33.16	43.17	35.88	31.00	40.77
Northwest	591	40.50	35.11	45.90	39.26	34.08	44.44
Southeast	590	38.11	33.57	42.66	35.99	31.43	40.54
Southwest	587	39.06	33.84	44.27	38.04	32.81	43.27
St. Louis	1246	41.82	37.95	45.69	40.89	37.09	44.68
GENDER							
Female	3192	42.11	39.63	44.60	40.16	37.77	42.56
Male	1913	36.11	33.11	39.10	36.23	33.30	39.17
RACE							
Black	443	34.58	28.07	41.09	36.90	31.04	42.75
Other	278	32.25	24.59	39.91	33.63	26.48	40.77
White	4340	40.09	37.99	42.19	38.57	36.49	40.64
EDUCATION							
<HS	547	38.96	32.34	45.58	32.45	26.06	38.83
HS	1854	36.48	33.28	39.68	34.25	31.16	37.33
>HS	2699	40.98	38.39	43.58	40.80	38.32	43.29
INCOME							
<$15,000	523	35.93	30.09	41.77	31.21	25.59	36.84
$15-24,999	858	38.20	33.37	43.02	35.43	31.02	39.84
$25-24,999	663	42.63	37.24	48.03	39.00	33.52	44.48
$35-49,999	798	38.86	33.95	43.77	39.09	34.18	44.01
$50-74,999	735	37.93	33.09	42.77	40.13	34.73	45.53
$75,000+	900	40.00	35.87	44.12	40.39	36.51	44.28

Definition: “Yes” response to the question, “During the past 12 months, have you had a flu shot”?

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 12 – Immunization
Age 65 And Older - Had Flu Shot In Past 12 Months

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.1.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1592	71.29	68.48	74.09
REGION				
Central	174	72.45	65.22	79.68
Kansas City	292	73.29	67.77	78.81
Northeast	195	71.87	64.70	79.04
Northwest	190	73.15	66.14	80.16
Southeast	173	67.44	59.54	75.33
Southwest	197	71.61	64.71	78.52
St. Louis	371	70.65	64.73	76.58
GENDER				
Female	1030	72.07	68.53	75.61
Male	562	70.19	65.60	74.79
RACE				
Black	94	62.96	51.46	74.46
Other	85	62.25	48.95	75.54
White	1387	72.15	69.16	75.15
EDUCATION				
<HS	276	69.19	62.89	75.50
HS	658	68.21	63.56	72.85
>HS	657	74.87	70.69	79.05
INCOME				
<$15,000	221	65.31	57.12	73.50
$15-24,999	386	71.53	65.41	77.65
$25-24,999	260	73.08	66.19	79.96
$35-49,999	183	76.37	69.43	83.31
$50-74,999	116	71.04	60.98	81.11
$75,000+	109	74.30	64.66	83.95

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 12 – Immunization
Age 18 And Older - Had Nasal Spray Flu Vaccine In Past 12 Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 12.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5115	0.63	0.23	1.03	0.67	0.24	1.10
REGION							
Central	594	1.57	0.01	3.12	1.54	0.03	3.06
Kansas City	907	0.35	0.00	0.78	0.36	0.00	0.83
Northeast	594	0.14	0.00	0.42	0.13	0.00	0.39
Northwest	590	0.66	0.00	1.69	0.62	0.00	1.58
Southeast	591	0.00	0.00	0.00	0.00	.	.
Southwest	587	1.18	0.00	3.02	1.33	0.00	3.30
St. Louis	1252	0.45	0.00	0.97	0.51	0.00	1.11
GENDER							
Female	3198	0.56	0.12	0.99	0.61	0.10	1.13
Male	1917	0.71	0.03	1.38	0.71	0.05	1.38
RACE							
Black	445	1.75	0.00	3.72	1.54	0.00	3.22
Other	278	0.00	0.00	0.00	0.00	.	.
White	4348	0.55	0.13	0.97	0.60	0.13	1.08
EDUCATION							
<HS	545	0.06	0.00	0.18	0.09	0.00	0.25
HS	1857	1.07	0.06	2.09	1.10	0.08	2.12
>HS	2708	0.46	0.12	0.80	0.48	0.12	0.83
INCOME							
<$15,000	524	0.16	0.00	0.49	0.18	0.00	0.52
$15-24,999	860	1.46	0.00	3.42	1.10	0.00	2.53
$25-24,999	667	0.71	0.00	1.98	0.65	0.00	1.80
$35-49,999	801	0.71	0.02	1.39	0.76	0.01	1.51
$50-74,999	735	0.22	0.00	0.50	0.17	0.00	0.38
$75,000+	900	0.48	0.00	1.15	0.41	0.00	0.97

Definition: “Yes” response to the question, “During the past 12 months, have you had a flu vaccine that was sprayed in your nose”?

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 12 – Immunization
Age 65 And Older - Had Nasal Spray Flu Vaccine In Past 12 Months

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1593	0.22	0.00	0.47
REGION				
Central	174	1.22	0.00	3.16
Kansas City	294	0.45	0.00	1.07
Northeast	194	0.00	0.00	0.00
Northwest	190	0.00	0.00	0.00
Southeast	172	0.00	0.00	0.00
Southwest	197	0.00	0.00	0.00
St. Louis	372	0.00	0.00	0.00
GENDER				
Female	1031	0.31	0.00	0.72
Male	562	0.09	0.00	0.27
RACE				
Black	94	0.00	0.00	0.00
Other	85	0.00	0.00	0.00
White	1389	0.12	0.00	0.26
EDUCATION				
<HS	274	0.00	0.00	0.00
HS	658	0.17	0.00	0.41
>HS	660	0.35	0.00	0.89
INCOME				
<$15,000	221	0.00	0.00	0.00
$15-24,999	387	0.67	0.00	1.70
$25-24,999	261	0.00	0.00	0.00
$35-49,999	182	0.26	0.00	0.76
$50-74,999	116	0.00	0.00	0.00
$75,000+	110	0.00	0.00	0.00

Definition: Age 65 and older, “Yes” response to the question, “During the past 12 months, have you had a flu vaccine that was sprayed in your nose”?

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 12 – Immunization
Age 65 And Older – Ever Had Pneumonia Vaccination

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1548	67.69	64.77	70.60
REGION				
Central	171	69.69	62.13	77.26
Kansas City	284	69.95	64.13	75.76
Northeast	190	61.52	53.75	69.29
Northwest	187	71.61	64.12	79.10
Southeast	164	61.56	53.16	69.95
Southwest	191	73.11	66.35	79.87
St. Louis	361	65.64	59.48	71.80
GENDER				
Female	1011	67.71	64.07	71.34
Male	537	67.66	62.84	72.47
RACE				
Black	93	59.42	47.12	71.73
Other	81	58.34	44.57	72.11
White	1348	68.63	65.54	71.72
EDUCATION				
<HS	265	67.11	60.44	73.78
HS	647	66.91	62.31	71.52
>HS	635	68.52	63.98	73.07
INCOME				
<$15,000	213	60.47	51.88	69.06
$15-24,999	380	74.91	69.03	80.78
$25-24,999	253	71.39	64.49	78.30
$35-49,999	180	67.27	59.20	75.34
$50-74,999	110	66.08	55.57	76.59
$75,000+	103	61.32	49.91	72.73

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 13 – Falls
Age 45 and Older: Fell One Or More Times In Past Three Months

Crude Prevalence With 95% Confidence Intervals (CI)

Table 13.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3681	17.97	16.35	19.58
REGION				
Central	437	17.59	13.54	21.64
Kansas City	643	16.65	13.41	19.89
Northeast	453	22.41	17.33	27.48
Northwest	429	20.47	16.10	24.84
Southeast	426	23.83	19.16	28.50
Southwest	436	20.24	15.86	24.62
St. Louis	857	15.36	12.23	18.50
GENDER				
Female	2315	18.47	16.37	20.56
Male	1366	17.38	14.87	19.90
RACE				
Black	281	15.84	9.88	21.79
Other	174	21.53	14.27	28.78
White	3184	17.60	15.87	19.33
EDUCATION				
<HS	429	27.77	22.43	33.11
HS	1396	17.46	14.88	20.04
>HS	1853	16.51	14.28	18.74
INCOME				
<$15,000	398	27.59	21.65	33.53
$15-24,999	653	20.32	16.42	24.22
$25-24,999	498	15.95	11.78	20.12
$35-49,999	558	14.18	10.69	17.67
$50-74,999	486	17.44	13.16	21.72
$75,000+	592	16.78	12.84	20.73

Definition: Age 45 years and older, “1 or more” response to the question, “In the past three months, how many times have you fallen?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 13 – Falls
Age 45 and Older: Was Injured From Falling

Crude Prevalence With 95% Confidence Intervals (CI)

Table 13.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	694	36.33	31.50	41.15
REGION				
Central	77	24.36	14.19	34.53
Kansas City	110	35.24	24.94	45.53
Northeast	92	28.03	17.07	38.99
Northwest	87	27.69	16.97	38.42
Southeast	99	43.86	32.70	55.03
Southwest	90	41.25	29.05	53.46
St. Louis	139	38.13	27.25	49.01
GENDER				
Female	442	38.52	32.30	44.74
Male	252	33.64	25.94	41.34
RACE				
Black	49	49.47	28.78	70.16
Other	44	44.58	26.37	62.78
White	584	35.50	30.26	40.74
EDUCATION				
<HS	111	50.08	38.70	61.46
HS	260	31.82	24.43	39.20
>HS	322	35.50	28.22	42.77
INCOME				
<$15,000	108	53.69	41.07	66.31
$15-24,999	136	41.32	30.58	52.07
$25-24,999	85	37.49	22.37	52.61
$35-49,999	88	35.81	22.93	48.69
$50-74,999	89	30.60	17.29	43.92
$75,000+	94	32.11	19.98	44.23

Definition: Age 45 years and older, “1 or more” response to the question, “In the past three months, how many times have you fallen?” AND “Yes” response to the question, “Did this fall cause an injury?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Visited A Dentist or Dental Clinic Within Past Year

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5128	61.12	59.15	63.09	61.09	59.05	63.13
REGION							
Central	595	57.00	51.42	62.58	57.34	51.90	62.77
Kansas City	909	61.14	56.91	65.36	60.70	56.41	65.00
Northeast	593	56.99	51.60	62.37	56.86	50.92	62.80
Northwest	589	62.35	56.98	67.72	61.87	56.76	66.97
Southeast	593	49.07	44.20	53.94	48.25	42.91	53.59
Southwest	595	59.50	54.12	64.88	59.89	54.34	65.44
St. Louis	1254	66.86	63.15	70.58	66.52	62.78	70.26
GENDER							
Female	3195	63.48	61.06	65.89	63.77	61.21	66.34
Male	1933	58.59	55.43	61.74	58.30	55.14	61.47
RACE							
Black	449	51.89	44.83	58.95	50.85	44.33	57.36
Other	282	57.40	49.43	65.36	56.64	49.12	64.17
White	4353	62.37	60.24	64.49	62.20	59.96	64.45
EDUCATION							
<HS	555	36.59	29.01	44.18	34.61	28.28	40.95
HS	1854	53.22	49.78	56.65	53.40	49.83	56.96
>HS	2714	70.37	67.91	72.83	70.38	67.79	72.96
INCOME							
<$15,000	526	32.40	26.33	38.46	32.27	25.28	39.25
$15-24,999	860	36.64	31.67	41.61	36.32	31.35	41.29
$25-24,999	667	53.48	47.96	59.01	53.75	47.83	59.67
$35-49,999	799	63.66	58.64	68.67	64.18	59.27	69.10
$50-74,999	735	66.09	61.42	70.75	67.04	62.48	71.60
$75,000+	909	81.62	78.24	85.01	81.22	77.29	85.15

Definition: "Within the past year" response to the question, "How long has it been since you last visited a dentist or dental clinic for any reason?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Visited A Dentist or Dental Clinic Within Past One To Two Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5128	11.46	10.10	12.82	11.50	10.09	12.90
REGION							
Central	595	11.72	7.89	15.55	11.38	7.77	14.99
Kansas City	909	11.68	9.06	14.31	11.51	8.88	14.14
Northeast	593	9.00	6.31	11.69	9.12	6.21	12.03
Northwest	589	8.46	5.54	11.38	8.81	5.83	11.79
Southeast	593	12.89	9.27	16.50	14.30	9.96	18.64
Southwest	595	13.02	8.62	17.42	13.02	8.79	17.26
St. Louis	1254	10.84	8.35	13.32	10.98	8.42	13.54
GENDER							
Female	3195	10.85	9.22	12.48	10.95	9.22	12.69
Male	1933	12.11	9.91	14.31	12.01	9.81	14.20
RACE							
Black	449	19.97	13.56	26.39	19.62	13.72	25.53
Other	282	12.17	7.03	17.32	11.51	6.87	16.16
White	4353	10.61	9.19	12.02	10.73	9.23	12.23
EDUCATION							
<HS	555	10.43	6.02	14.83	9.81	5.87	13.74
HS	1854	13.08	10.58	15.58	13.54	10.92	16.16
>HS	2714	10.62	8.90	12.35	10.56	8.72	12.41
INCOME							
<$15,000	526	15.08	9.15	21.00	15.54	9.90	21.18
$15-24,999	860	14.78	10.77	18.78	15.52	11.51	19.54
$25-24,999	667	13.75	9.90	17.59	13.77	9.77	17.77
$35-49,999	799	11.30	7.87	14.74	10.90	7.54	14.26
$50-74,999	735	11.48	8.43	14.53	11.08	7.81	14.35
$75,000+	909	8.39	5.78	11.00	9.15	5.86	12.44

Definition: “Within the past 2 Years” response to the question, “How long has it been since you last visited a dentist or dental clinic for any reason?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Visited A Dentist or Dental Clinic Within Past Two To Five Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5128	12.39	11.05	13.72	12.44	11.06	13.82
REGION							
Central	595	14.75	9.99	19.51	14.40	9.93	18.87
Kansas City	909	12.50	9.65	15.36	12.65	9.70	15.60
Northeast	593	14.68	10.34	19.02	15.94	11.03	20.86
Northwest	589	10.91	7.59	14.23	11.23	7.78	14.68
Southeast	593	13.28	9.99	16.58	13.36	10.01	16.72
Southwest	595	12.61	9.02	16.20	12.65	8.87	16.42
St. Louis	1254	11.08	8.73	13.43	11.20	8.80	13.61
GENDER							
Female	3195	11.79	10.20	13.39	11.87	10.17	13.57
Male	1933	13.03	10.85	15.21	13.14	10.96	15.33
RACE							
Black	449	16.50	11.84	21.16	16.53	12.30	20.77
Other	282	12.79	7.55	18.02	13.53	8.16	18.90
White	4353	12.04	10.59	13.49	12.18	10.65	13.71
EDUCATION							
<HS	555	19.33	14.27	24.40	24.04	18.18	29.89
HS	1854	13.49	11.11	15.87	13.34	10.93	15.75
>HS	2714	10.49	8.81	12.17	10.34	8.64	12.03
INCOME							
<$15,000	526	18.58	14.31	22.84	18.80	14.20	23.40
$15-24,999	860	18.54	14.02	23.06	18.78	14.47	23.09
$25-24,999	667	13.74	9.99	17.50	14.34	10.10	18.57
$35-49,999	799	12.56	9.17	15.95	11.96	8.94	14.98
$50-74,999	735	13.70	10.18	17.21	12.63	9.51	15.75
$75,000+	909	5.15	3.33	6.97	4.40	2.78	6.02

Definition: “Within the past 5 Years” response to the question, “How long has it been since you last visited a dentist or dental clinic for any reason?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Visited A Dentist or Dental Clinic Five Or More Years Ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5128	14.60	13.27	15.94	14.53	13.15	15.90
REGION							
Central	595	16.22	12.64	19.80	16.59	13.00	20.18
Kansas City	909	13.37	10.13	16.61	13.76	10.38	17.15
Northeast	593	19.29	15.41	23.16	18.03	14.06	22.00
Northwest	589	18.08	14.21	21.94	17.90	14.23	21.58
Southeast	593	24.76	20.50	29.02	24.09	19.43	28.74
Southwest	595	14.87	11.63	18.12	14.45	11.38	17.51
St. Louis	1254	10.84	8.40	13.28	10.90	8.34	13.45
GENDER							
Female	3195	13.60	12.02	15.19	13.15	11.50	14.81
Male	1933	15.67	13.48	17.87	15.92	13.70	18.14
RACE							
Black	449	10.99	6.86	15.12	12.23	8.36	16.09
Other	282	16.06	10.86	21.25	16.43	11.58	21.27
White	4353	14.68	13.21	16.14	14.57	13.02	16.11
EDUCATION							
<HS	555	32.77	26.63	38.92	31.00	25.10	36.90
HS	1854	19.79	17.13	22.45	19.31	16.58	22.04
>HS	2714	8.16	6.83	9.48	8.23	6.93	9.53
INCOME							
<$15,000	526	33.62	27.23	40.01	33.18	26.21	40.15
$15-24,999	860	28.96	24.03	33.89	28.59	23.81	33.37
$25-24,999	667	17.91	13.90	21.93	16.79	12.70	20.88
$35-49,999	799	12.12	9.07	15.16	12.58	9.36	15.79
$50-74,999	735	8.65	6.20	11.09	9.18	6.68	11.67
$75,000+	909	4.84	3.08	6.59	5.23	3.33	7.13

Definition: “5 or more years ago” response to the question, “How long has it been since you last visited a dentist or dental clinic for any reason?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Have Never Visited A Dentist or Dental Clinic

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5128	0.43	0.14	0.72	0.45	0.13	0.77
REGION							
Central	595	0.31	0.00	0.66	0.30	0.00	0.64
Kansas City	909	1.31	0.00	2.65	1.37	0.00	2.82
Northeast	593	0.05	0.00	0.14	0.04	0.00	0.13
Northwest	589	0.21	0.00	0.45	0.19	0.00	0.41
Southeast	593	0.00	0.00	0.00	0.00	.	.
Southwest	595	0.00	0.00	0.00	0.00	.	.
St. Louis	1254	0.38	0.01	0.76	0.39	0.00	0.80
GENDER							
Female	3195	0.27	0.02	0.53	0.25	0.00	0.54
Male	1933	0.60	0.06	1.15	0.62	0.07	1.18
RACE							
Black	449	0.65	0.00	1.55	0.77	0.00	1.65
Other	282	1.58	0.00	3.56	1.89	0.00	4.15
White	4353	0.31	0.01	0.61	0.32	0.0	0.66
EDUCATION							
<HS	555	0.87	0.00	1.92	0.54	0.00	1.23
HS	1854	0.42	0.01	0.82	0.41	0.00	0.89
>HS	2714	0.36	0.00	0.79	0.49	0.00	1.09
INCOME							
<$15,000	526	0.34	0.00	0.71	0.22	0.00	0.45
$15-24,999	860	1.09	0.00	2.60	0.79	0.00	1.87
$25-24,999	667	1.11	0.00	2.26	1.36	0.00	3.01
$35-49,999	799	0.37	0.00	1.08	0.38	0.00	1.14
$50-74,999	735	0.10	0.00	0.28	0.07	0.00	0.22
$75,000+	909	0.00	0.00	0.00	0.00	.	.

Definition: “Never” response to the question, “How long has it been since you last visited a dentist or dental clinic for any reason?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Had Teeth Cleaned Within Past Year

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4482	61.08	58.97	63.19	61.18	59.10	63.26
REGION							
Central	510	55.61	49.51	61.70	56.00	50.43	61.58
Kansas City	828	62.15	57.76	66.55	61.95	57.64	66.26
Northeast	502	56.95	50.97	62.92	57.38	51.23	63.54
Northwest	507	60.24	54.02	66.47	60.03	54.05	66.02
Southeast	497	49.60	44.30	54.89	49.57	44.13	55.02
Southwest	504	57.39	51.53	63.26	57.27	51.49	63.05
St. Louis	1134	67.31	63.42	71.21	66.91	63.18	70.64
GENDER							
Female	2784	64.11	61.49	66.74	64.18	61.57	66.78
Male	1698	57.87	54.53	61.22	58.07	54.83	61.31
RACE							
Black	407	47.22	39.93	54.52	47.37	40.71	54.04
Other	238	53.62	44.72	62.51	56.12	48.09	64.15
White	3808	62.95	60.68	65.22	62.79	60.50	65.08
EDUCATION							
<HS	359	39.34	29.95	48.74	33.58	27.06	40.10
HS	1555	51.78	47.96	55.60	51.65	47.96	55.33
>HS	2564	69.46	66.92	72.01	69.74	67.11	72.37
INCOME							
<$15,000	392	22.58	16.87	28.29	22.28	16.57	27.99
$15-24,999	660	37.68	31.96	43.41	38.25	33.06	43.43
$25-24,999	565	50.85	44.79	56.91	50.48	44.39	56.57
$35-49,999	737	62.54	57.26	67.82	63.56	58.49	68.62
$50-74,999	703	64.33	59.46	69.19	65.82	61.13	70.50
$75,000+	887	80.93	77.43	84.43	80.75	76.75	84.75

Definition: “Within past year” response to the question, “How long has it been since you had your teeth cleaned by a dentist or dental hygienist?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Had Teeth Cleaned Within Past One to Two Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4482	11.49	10.02	12.97	11.32	9.88	12.75
REGION							
Central	510	13.73	8.96	18.50	12.88	8.88	16.88
Kansas City	828	9.37	7.16	11.58	9.10	6.98	11.22
Northeast	502	9.49	6.50	12.48	9.68	6.59	12.76
Northwest	507	10.33	6.95	13.70	10.64	7.31	13.97
Southeast	497	12.96	8.93	16.98	13.79	9.34	18.24
Southwest	504	14.04	9.14	18.94	13.80	9.37	18.24
St. Louis	1134	10.83	8.17	13.50	10.89	8.27	13.50
GENDER							
Female	2784	10.89	9.15	12.62	10.79	9.09	12.49
Male	1698	12.14	9.73	14.54	11.73	9.47	13.99
RACE							
Black	407	19.70	13.05	26.34	19.68	13.98	25.37
Other	238	10.57	5.61	15.53	10.49	5.84	15.14
White	3808	10.76	9.21	12.31	10.64	9.10	12.18
EDUCATION							
<HS	359	8.67	3.74	13.61	7.31	4.10	10.53
HS	1555	14.41	11.46	17.35	14.35	11.59	17.12
>HS	2564	10.26	8.52	12.00	10.01	8.21	11.80
INCOME							
<$15,000	392	14.87	8.21	21.53	13.86	8.63	19.08
$15-24,999	660	13.79	9.07	18.50	12.98	9.21	16.75
$25-24,999	565	15.49	10.85	20.13	15.09	10.79	19.40
$35-49,999	737	11.06	7.67	14.44	10.64	7.39	13.89
$50-74,999	703	11.94	8.90	14.98	11.49	8.21	14.78
$75,000+	887	8.98	6.18	11.79	9.80	6.35	13.26

Definition: "Within past 2 years" response to the question, "How long has it been since you had your teeth cleaned by a dentist or dental hygienist?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Had Teeth Cleaned Within Past Two to Five Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4482	12.00	10.59	13.41	11.98	10.57	13.39
REGION							
Central	510	13.05	8.87	17.23	12.90	9.00	16.81
Kansas City	828	12.92	9.47	16.37	13.22	9.90	16.54
Northeast	502	14.34	8.70	19.99	14.44	9.27	19.62
Northwest	507	11.89	6.87	16.91	11.76	7.39	16.13
Southeast	497	12.37	8.93	15.81	12.27	8.95	15.60
Southwest	504	12.17	8.17	16.17	12.28	8.29	16.27
St. Louis	1134	10.75	8.38	13.12	10.84	8.48	13.21
GENDER							
Female	2784	12.72	10.82	14.62	12.74	10.79	14.68
Male	1698	11.24	9.14	13.34	11.28	9.23	13.33
RACE							
Black	407	19.63	14.12	25.14	18.76	13.92	23.60
Other	238	13.97	7.17	20.77	13.52	7.36	19.69
White	3808	11.18	9.69	12.67	11.30	9.79	12.82
EDUCATION							
<HS	359	14.54	9.62	19.47	18.95	13.15	24.74
HS	1555	13.03	10.40	15.66	12.85	10.34	15.36
>HS	2564	11.06	9.28	12.83	11.02	9.20	12.85
INCOME							
<$15,000	392	24.19	16.58	31.80	25.70	18.70	32.70
$15-24,999	660	16.53	12.15	20.91	16.71	12.84	20.58
$25-24,999	565	15.61	10.86	20.36	16.61	11.67	21.55
$35-49,999	737	12.64	8.98	16.29	11.89	8.69	15.08
$50-74,999	703	13.17	9.49	16.84	12.20	8.98	15.43
$75,000+	887	5.13	3.39	6.87	4.40	2.92	5.87

Definition: "Within past 5 years" response to the question, "How long has it been since you had your teeth cleaned by a dentist or dental hygienist?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Last Had Teeth Cleaned Five Years Or More Years Ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4482	12.93	11.55	14.31	13.01	11.63	14.39
REGION							
Central	510	13.12	9.59	16.66	13.66	10.17	17.15
Kansas City	828	12.97	9.89	16.05	12.99	9.88	16.10
Northeast	502	14.31	10.69	17.94	13.27	9.91	16.64
Northwest	507	15.84	11.62	20.05	15.81	11.94	19.68
Southeast	497	20.85	16.30	25.40	20.38	15.76	24.99
Southwest	504	14.46	10.75	18.18	14.74	11.19	18.29
St. Louis	1134	9.69	7.18	12.21	9.95	7.38	12.51
GENDER							
Female	2784	10.80	9.31	12.28	10.83	9.36	12.31
Male	1698	15.18	12.82	17.55	15.32	12.99	17.64
RACE							
Black	407	11.38	6.99	15.76	12.15	8.10	16.20
Other	238	14.16	8.75	19.58	13.20	8.56	17.84
White	3808	12.94	11.43	14.45	13.06	11.53	14.60
EDUCATION							
<HS	359	26.92	19.53	34.30	28.71	22.10	35.33
HS	1555	17.84	15.09	20.60	18.12	15.38	20.86
>HS	2564	8.10	6.71	9.50	8.00	6.65	9.36
INCOME							
<$15,000	392	30.93	24.42	37.43	31.27	24.78	37.76
$15-24,999	660	25.26	19.62	30.91	25.67	20.73	30.60
$25-24,999	565	15.79	11.57	20.01	15.40	11.27	19.54
$35-49,999	737	12.12	8.78	15.47	12.13	8.73	15.54
$50-74,999	703	9.33	6.58	12.08	9.40	6.67	12.13
$75,000+	887	4.87	3.08	6.66	4.99	3.10	6.88

Definition: “5 or more years ago” response to the question, “How long has it been since you had your teeth cleaned by a dentist or dental hygienist?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Never Had Teeth Cleaned

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4446	1.69	1.13	2.24	1.67	1.14	2.20
REGION							
Central	508	4.27	0.65	7.90	4.32	1.13	7.52
Kansas City	822	1.21	0.21	2.21	1.23	0.27	2.20
Northeast	496	4.06	1.88	6.23	4.44	1.98	6.90
Northwest	506	1.62	0.66	2.59	1.66	0.69	2.63
Southeast	492	2.95	1.33	4.57	2.78	1.20	4.35
Southwest	499	1.27	0.24	2.29	1.26	0.30	2.22
St. Louis	1123	0.69	0.22	1.15	0.65	0.19	1.11
GENDER							
Female	2771	1.14	0.60	1.67	1.10	0.60	1.61
Male	1675	2.27	1.28	3.27	2.28	1.33	3.23
RACE							
Black	402	1.18	0.14	2.23	1.04	0.09	1.99
Other	234	5.72	0.62	10.81	4.24	0.94	7.53
White	3784	1.46	0.92	2.00	1.47	0.94	2.01
EDUCATION							
<HS	349	7.81	3.08	12.55	8.62	4.27	12.96
HS	1543	2.18	1.08	3.29	2.22	1.12	3.33
>HS	2550	0.57	0.30	0.83	0.57	0.31	0.83
INCOME							
<$15,000	387	6.83	3.67	9.99	6.40	3.44	9.36
$15-24,999	650	4.25	1.14	7.37	3.98	1.51	6.45
$25-24,999	560	1.11	0.03	2.19	0.98	0.07	1.90
$35-49,999	734	0.99	0.25	1.73	1.03	0.28	1.79
$50-74,999	698	0.64	0.11	1.16	0.55	0.11	0.99
$75,000+	887	0.09	0.00	0.24	0.06	0.00	0.16

Definition: “Never” response to the question, “How long has it been since you had your teeth cleaned by a dentist or dental hygienist?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Adults Age 18-65: Had One To Five Permanent Teeth Removed

Crude Prevalence With 95% Confidence Intervals (CI)

Table 14.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3583	28.84	26.78	30.90
REGION				
Central	424	27.53	21.43	33.63
Kansas City	629	29.28	25.07	33.49
Northeast	409	36.34	29.60	43.07
Northwest	405	29.75	23.49	36.01
Southeast	425	33.60	28.32	38.87
Southwest	403	26.69	21.43	31.95
St. Louis	888	27.73	23.78	31.69
GENDER				
Female	2197	27.88	25.37	30.40
Male	1386	29.81	26.54	33.09
RACE				
Black	352	40.44	32.99	47.89
Other	196	26.40	18.71	34.08
White	3016	27.88	25.65	30.11
EDUCATION				
<HS	288	27.51	19.30	35.71
HS	1221	34.69	30.77	38.62
>HS	2073	25.70	23.26	28.14
INCOME				
<$15,000	316	37.78	29.72	45.84
$15-24,999	492	34.63	28.01	41.24
$25-24,999	421	33.91	27.59	40.23
$35-49,999	624	28.35	23.53	33.17
$50-74,999	621	30.50	25.79	35.21
$75,000+	801	21.67	18.18	25.17

Definition: Age 18-65, “1, 2, 3, 4, or 5” response to the question, “How many of your permanent teeth have been removed because of tooth decay or gum disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Adults Age 18-65: Had Six Or More Permanent Teeth Removed, But Not All

Crude Prevalence With 95% Confidence Intervals (CI)

Table 14.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3583	9.57	8.44	10.70
REGION				
Central	424	8.57	5.91	11.23
Kansas City	629	7.47	5.23	9.71
Northeast	409	11.88	8.45	15.30
Northwest	405	9.66	6.48	12.85
Southeast	425	17.15	12.91	21.39
Southwest	403	8.21	5.55	10.86
St. Louis	888	9.38	7.19	11.57
GENDER				
Female	2197	10.80	9.23	12.38
Male	1386	8.31	6.70	9.92
RACE				
Black	352	14.97	10.29	19.65
Other	196	7.70	3.91	11.48
White	3016	9.15	7.94	10.35
EDUCATION				
<HS	288	17.14	11.48	22.81
HS	1221	12.99	10.77	15.21
>HS	2073	6.56	5.33	7.79
INCOME				
<$15,000	316	21.48	15.48	27.47
$15-24,999	492	12.16	9.04	15.28
$25-24,999	421	17.02	12.34	21.70
$35-49,999	624	11.41	8.09	14.72
$50-74,999	621	8.02	5.45	10.59
$75,000+	801	4.04	2.57	5.52

Definition: Age 18-65, “6 or More but not all” response to the question, “How many of your permanent teeth have been removed because of tooth decay or gum disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Adults Age 18-65: Had All Permanent Teeth Removed

Crude Prevalence With 95% Confidence Intervals (CI)

Table 14.3.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3583	4.24	3.53	4.95
REGION				
Central	424	5.80	3.60	8.00
Kansas City	629	3.74	2.21	5.28
Northeast	409	5.44	3.03	7.86
Northwest	405	5.16	2.97	7.34
Southeast	425	6.95	4.39	9.50
Southwest	403	4.73	2.85	6.61
St. Louis	888	2.82	1.62	4.02
GENDER				
Female	2197	4.94	3.90	5.98
Male	1386	3.52	2.56	4.47
RACE				
Black	352	1.81	0.46	3.15
Other	196	4.96	2.30	7.63
White	3016	4.35	3.56	5.15
EDUCATION				
<HS	288	14.04	9.59	18.50
HS	1221	5.91	4.43	7.39
>HS	2073	1.89	1.26	2.53
INCOME				
<$15,000	316	11.39	7.58	15.21
$15-24,999	492	10.62	7.44	13.80
$25-24,999	421	5.44	3.08	7.79
$35-49,999	624	3.55	2.04	5.05
$50-74,999	621	2.15	0.77	3.53
$75,000+	801	1.04	0.34	1.75

Definition: Age 18-65, “All” response to the question, “How many of your permanent teeth have been removed because of tooth decay or gum disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Adults Age 18-65: Had None of Permanent Teeth Removed

Crude Prevalence With 95% Confidence Intervals (CI)

Table 14.3.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3583	57.35	55.06	59.64
REGION				
Central	424	58.10	51.71	64.49
Kansas City	629	59.51	54.88	64.13
Northeast	409	46.34	39.74	52.94
Northwest	405	55.43	48.63	62.23
Southeast	425	42.31	36.44	48.17
Southwest	403	60.37	54.45	66.29
St. Louis	888	60.06	55.64	64.48
GENDER				
Female	2197	56.38	53.41	59.34
Male	1386	58.35	54.84	61.86
RACE				
Black	352	42.79	35.01	50.57
Other	196	60.94	52.28	69.61
White	3016	58.62	56.14	61.11
EDUCATION				
<HS	288	41.31	31.02	51.59
HS	1221	46.41	42.14	50.67
>HS	2073	65.84	63.16	68.53
INCOME				
<$15,000	316	29.35	20.19	38.51
$15-24,999	492	42.59	35.62	49.57
$25-24,999	421	43.63	36.67	50.59
$35-49,999	624	56.70	50.98	62.41
$50-74,999	621	59.33	54.16	64.50
$75,000+	801	73.24	69.50	76.98

Definition: Age 18-65, “None” response to the question, “How many of your permanent teeth have been removed because of tooth decay or gum disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 14 – Oral Health
Adults Age 65 and Older: Had All of Permanent Teeth Removed

Crude Prevalence With 95% Confidence Intervals (CI)

Table 14.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1545	26.19	23.50	28.88
REGION				
Central	169	30.42	22.60	38.23
Kansas City	289	18.07	13.39	22.74
Northeast	185	31.17	23.89	38.45
Northwest	183	31.16	23.15	39.16
Southeast	167	35.18	27.24	43.12
Southwest	192	29.71	22.63	36.78
St. Louis	360	22.74	17.29	28.20
GENDER				
Female	989	25.46	22.10	28.83
Male	556	27.18	22.75	31.60
RACE				
Black	93	28.70	18.11	39.29
Other	82	35.92	22.63	49.22
White	1345	25.26	22.42	28.10
EDUCATION				
<HS	267	50.19	42.90	57.49
HS	638	30.29	25.83	34.75
>HS	639	12.73	9.56	15.90
INCOME				
<$15,000	213	37.82	29.40	46.25
$15-24,999	375	39.24	32.85	45.63
$25-24,999	251	28.13	21.35	34.91
$35-49,999	178	16.80	10.43	23.18
$50-74,999	113	14.79	6.96	22.62
$75,000+	109	4.79	0.84	8.75

Definition: Age 65 and older, “All” response to the question, “How many of your permanent teeth have been removed because of tooth decay or gum disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Ever Been Tested for HIV

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3353	34.14	31.80	36.48
REGION				
Central	410	36.80	30.49	43.11
Kansas City	580	39.43	34.45	44.40
Northeast	372	27.03	20.50	33.55
Northwest	377	28.43	22.43	34.43
Southeast	397	30.49	24.82	36.17
Southwest	373	31.45	25.14	37.75
St. Louis	844	33.90	29.40	38.40
GENDER				
Female	2061	36.23	33.17	39.30
Male	1292	32.00	28.46	35.55
RACE				
Black	331	63.73	56.41	71.05
Other	181	39.44	29.69	49.18
White	2826	30.76	28.26	33.25
EDUCATION				
<HS	253	37.58	27.53	47.64
HS	1140	29.06	25.11	33.00
>HS	1958	36.52	33.54	39.51
INCOME				
<$15,000	290	56.20	47.66	64.74
$15-24,999	449	44.60	37.41	51.78
$25-24,999	386	40.29	32.82	47.76
$35-49,999	585	27.63	22.35	32.91
$50-74,999	603	32.87	27.51	38.22
$75,000+	763	31.87	27.64	36.11

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, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Last HIV Test A Rapid Test With Results Possible Within Two Hours

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	228	19.53	11.56	27.50
REGION				
Central	--			
Kansas City	52	16.22	4.97	27.47
Northeast	--			
Northwest	--			
Southeast	--			
Southwest	--			
St. Louis	94	24.79	8.61	40.97
GENDER				
Female	142	17.83	6.57	29.08
Male	86	21.85	10.58	33.12
RACE				
Black	88	17.62	6.88	28.35
Other	--			
White	126	19.72	7.77	31.67
EDUCATION				
<HS	--			
HS	76	25.51	12.17	38.85
>HS	128	16.83	5.37	28.28
INCOME				
<$15,000	--			
$15-24,999	--			
$25-24,999	--			
$35-49,999	--			
$50-74,999	--			
$75,000+	--			

--Number of responses less than 50 and are not reported
Definition: Age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV?” AND within 12 months or less to “In what month and year was your last HIV test?” AND “Yes” to “Was it a rapid test where you could get your results within in a couple of hours?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At Private Doctor or HMO Office

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1072	42.12	37.99	46.25
REGION				
Central	139	31.45	21.93	40.96
Kansas City	216	48.94	40.58	57.31
Northeast	81	33.83	20.23	47.43
Northwest	106	42.20	30.46	53.95
Southeast	109	34.28	23.49	45.07
Southwest	103	37.31	25.81	48.81
St. Louis	318	46.14	38.05	54.24
GENDER				
Female	684	50.83	45.46	56.19
Male	388	32.00	25.90	38.11
RACE				
Black	198	42.31	32.21	52.41
Other	74	31.84	15.91	47.78
White	797	43.14	38.38	47.91
EDUCATION				
<HS	91	26.41	12.95	39.87
HS	300	39.60	31.80	47.40
>HS	681	45.50	40.38	50.62
INCOME				
<$15,000	143	29.47	18.59	40.34
$15-24,999	177	29.87	20.35	39.39
$25-24,999	122	41.89	28.53	55.24
$35-49,999	161	50.63	39.74	61.52
$50-74,999	172	46.93	36.60	57.27
$75,000+	236	51.10	43.10	59.11

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At A Counseling and Testing Site

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1067	2.34	0.99	3.70
REGION				
Central	139	1.61	0.00	3.59
Kansas City	215	2.50	0.00	6.31
Northeast	80	7.76	0.00	20.83
Northwest	106	3.03	0.00	7.66
Southeast	108	2.34	0.00	5.56
Southwest	102	3.98	0.00	8.73
St. Louis	317	1.36	0.00	3.02
GENDER				
Female	679	1.46	0.45	2.48
Male	388	3.37	0.69	6.05
RACE				
Black	196	0.87	0.03	1.70
Other	74	9.30	0.00	21.31
White	794	2.05	0.69	3.42
EDUCATION				
<HS	91	0.66	0.00	1.98
HS	298	2.56	0.22	4.90
>HS	678	2.50	0.61	4.38
INCOME				
<$15,000	143	1.15	0.00	2.58
$15-24,999	177	2.61	0.01	5.20
$25-24,999	122	1.06	0.00	2.75
$35-49,999	159	2.31	0.00	6.31
$50-74,999	170	4.86	0.00	10.21
$75,000+	236	1.54	0.00	3.90

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At A Hospital or Clinic

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1072	38.30	34.15	42.44
REGION				
Central	139	47.45	36.50	58.39
Kansas City	216	37.10	28.74	45.45
Northeast	81	49.43	34.44	64.42
Northwest	106	34.12	23.29	44.96
Southeast	109	44.98	33.52	56.44
Southwest	103	41.60	29.31	53.89
St. Louis	318	32.31	24.66	39.96
GENDER				
Female	684	37.99	32.70	43.27
Male	388	38.66	32.16	45.16
RACE				
Black	198	37.62	27.83	47.40
Other	74	38.99	23.78	54.21
White	797	38.17	33.37	42.97
EDUCATION				
<HS	91	37.98	21.99	53.96
HS	300	38.17	30.46	45.89
>HS	681	38.40	33.28	43.52
INCOME				
<$15,000	143	51.57	38.16	64.98
$15-24,999	177	37.60	26.42	48.79
$25-24,999	122	41.23	28.46	54.00
$35-49,999	161	33.07	22.87	43.28
$50-74,999	172	35.47	26.16	44.78
$75,000+	236	32.38	24.65	40.10

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At A Jail or Prison

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1072	5.01	2.52	7.51
REGION				
Central	139	8.05	0.00	17.57
Kansas City	216	0.92	0.00	2.20
Northeast	81	0.51	0.00	1.53
Northwest	106	7.01	0.00	14.31
Southeast	109	6.18	0.02	12.34
Southwest	103	3.39	0.00	7.39
St. Louis	318	7.01	1.55	12.47
GENDER				
Female	684	1.78	0.00	3.99
Male	388	8.77	4.11	13.44
RACE				
Black	198	9.62	0.83	18.42
Other	74	5.95	0.00	17.11
White	797	3.96	1.53	6.38
EDUCATION				
<HS	91	22.42	5.84	39.00
HS	300	6.49	0.92	12.06
>HS	681	1.84	0.39	3.29
INCOME				
<$15,000	143	10.28	0.00	22.06
$15-24,999	177	14.14	4.61	23.68
$25-24,999	122	7.36	0.00	16.45
$35-49,999	161	3.28	0.00	8.63
$50-74,999	172	1.00	0.00	2.41
$75,000+	236	0.00	0.00	0.00

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At A Drug Treatment Facility

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1072	0.70	0.00	1.82
REGION				
Central	139	0.00	0.00	0.00
Kansas City	216	0.00	0.00	0.00
Northeast	81	0.00	0.00	0.00
Northwest	106	0.53	0.00	1.59
Southeast	109	0.00	0.00	0.00
Southwest	103	0.93	0.00	2.77
St. Louis	318	1.56	0.00	4.59
GENDER				
Female	684	0.03	0.00	0.10
Male	388	1.48	0.00	3.89
RACE				
Black	198	0.00	0.00	0.00
Other	74	0.00	0.00	0.00
White	797	0.92	0.00	2.38
EDUCATION				
<HS	91	6.09	0.00	17.49
HS	300	0.46	0.00	1.37
>HS	681	0.03	0.00	0.09
INCOME				
<$15,000	143	0.00	0.00	0.00
$15-24,999	177	0.73	0.00	2.16
$25-24,999	122	0.00	0.00	0.00
$35-49,999	161	4.47	0.00	12.67
$50-74,999	172	0.00	0.00	0.00
$75,000+	236	0.00	0.00	0.00

--Number of responses less than 50 and are not reported

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: Had Last HIV Test At Home or Somewhere Else

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.3.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1072	11.52	8.95	14.09
REGION				
Central	139	11.44	5.84	17.04
Kansas City	216	10.54	5.68	15.41
Northeast	81	8.49	2.09	14.90
Northwest	106	13.10	5.45	20.75
Southeast	109	12.23	4.91	19.56
Southwest	103	12.81	3.45	22.17
St. Louis	318	11.62	6.97	16.27
GENDER				
Female	684	7.92	5.57	10.26
Male	388	15.71	10.93	20.50
RACE				
Black	198	9.59	4.78	14.40
Other	74	13.92	3.32	24.51
White	797	11.76	8.72	14.81
EDUCATION				
<HS	91	6.45	0.62	12.27
HS	300	12.71	7.04	18.39
>HS	681	11.74	8.67	14.81
INCOME				
<$15,000	143	7.53	3.08	11.98
$15-24,999	177	15.04	6.99	23.10
$25-24,999	122	8.47	3.60	13.34
$35-49,999	161	6.24	1.63	10.85
$50-74,999	172	11.76	5.07	18.44
$75,000+	236	14.98	9.64	20.31

--Number of responses less than 50 and are not reported

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 15 – HIV Testing
Adults Age 64 and Younger: At Risk for HIV Infection

Crude Prevalence With 95% Confidence Intervals (CI)

Table 15.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	405	9.76	5.32	14.21
REGION				
Central	--			
Kansas City	92	10.36	1.55	19.16
Northeast	--			
Northwest	--			
Southeast	--			
Southwest	--			
St. Louis	145	12.74	3.79	21.70
GENDER				
Female	258	8.11	3.76	12.46
Male	147	12.00	3.57	20.44
RACE				
Black	123	10.53	1.81	19.25
Other	--			
White	252	8.45	3.03	13.87
EDUCATION				
<HS	--			
HS	132	10.40	3.84	16.96
>HS	233	5.23	1.64	8.83
INCOME				
<$15,000	72	5.81	0.89	10.73
$15-24,999	78	17.57	4.93	30.21
$25-24,999	56	11.23	0.00	24.15
$35-49,999	58	7.52	0.42	14.61
$50-74,999	--			
$75,000+	70	2.63	0.00	6.48

--Number of Responses less than 50 and are not reported

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. 1) You have used intravenous drugs in the past year. 2) You have been treated for a sexually transmitted or venereal disease in the past year. 3) You have given or received money or drugs in exchange for sex in the past year. 4) You had anal sex without a condom in the past year. Do any of these situations apply to you?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Correctly Answered All Signs and Symptoms of a Heart Attack

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4921	13.70	12.31	15.08	13.62	12.20	15.03
REGION							
Central	577	15.40	11.78	19.02	15.57	11.96	19.19
Kansas City	868	13.24	10.43	16.04	13.18	10.37	15.99
Northeast	571	14.83	11.03	18.62	14.28	10.55	18.00
Northwest	575	16.14	12.22	20.06	16.23	12.29	20.17
Southeast	567	12.97	9.84	16.09	13.23	9.65	16.81
Southwest	571	13.17	9.37	16.96	13.08	9.12	17.05
St. Louis	1192	13.36	10.59	16.13	13.33	10.50	16.16
GENDER							
Female	3087	15.57	13.67	17.48	15.63	13.59	17.68
Male	1834	11.64	9.64	13.65	11.54	9.57	13.51
RACE							
Black	415	12.83	8.53	17.14	12.83	8.73	16.94
Other	259	11.80	6.77	16.83	13.29	7.96	18.61
White	4206	13.96	12.44	15.49	13.87	12.29	15.44
EDUCATION							
<HS	515	10.15	5.46	14.83	11.16	6.24	16.07
HS	1772	10.55	8.58	12.52	10.67	8.64	12.71
>HS	2630	16.16	14.19	18.14	15.84	13.77	17.91
INCOME							
<$15,000	495	12.42	8.45	16.40	12.06	8.11	16.01
$15-24,999	823	12.18	8.30	16.05	13.48	9.43	17.52
$25-24,999	643	15.92	11.98	19.86	16.51	12.28	20.73
$35-49,999	774	15.44	11.64	19.25	15.33	11.42	19.24
$50-74,999	719	13.23	10.09	16.36	12.43	9.48	15.38
$75,000+	878	15.14	12.15	18.14	13.80	11.04	16.56

Definition: Correctly answered signs and symptoms of a heart attack from the following questions: 1) [Do you think] pain or discomfort in the jaw, neck or back [are symptoms of a heart attack]? 2) feeling weak, lightheaded, or faint? 3) chest pain or discomfort? 4) sudden trouble seeing in one or both eyes? 5) pain or discomfort in the arms or shoulders? 6) shortness of breath? All but 4 are signs and symptoms of a heart attack.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Pain or Discomfort in Jaw, Neck or Back Are Heart Attack Symptoms

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4316	67.47	65.24	69.71	66.64	64.38	68.90
REGION							
Central	519	70.22	64.14	76.31	70.38	64.77	76.00
Kansas City	763	63.15	58.39	67.90	62.13	57.56	66.69
Northeast	509	63.92	57.61	70.24	62.42	56.59	68.25
Northwest	499	65.65	59.00	72.29	66.00	59.94	72.06
Southeast	505	70.40	65.29	75.51	69.12	63.43	74.82
Southwest	504	72.80	66.92	78.67	72.02	66.32	77.73
St. Louis	1017	66.42	61.98	70.85	65.43	60.88	69.98
GENDER							
Female	2718	76.96	74.33	79.59	75.35	72.50	78.20
Male	1598	57.21	53.64	60.79	57.12	53.65	60.60
RACE							
Black	341	49.89	41.91	57.87	50.13	43.19	57.06
Other	228	61.99	52.35	71.64	64.69	57.42	71.96
White	3715	69.47	67.09	71.86	68.39	65.92	70.85
EDUCATION							
<HS	423	58.46	50.07	66.84	59.40	51.66	67.15
HS	1538	64.04	59.99	68.10	62.88	59.08	66.69
>HS	2351	70.90	68.15	73.66	69.93	66.94	72.92
INCOME							
<$15,000	417	53.70	46.30	61.09	49.70	43.02	56.39
$15-24,999	708	64.53	58.52	70.53	65.48	60.09	70.88
$25-24,999	560	71.07	65.08	77.06	70.34	64.03	76.65
$35-49,999	693	68.56	63.19	73.92	68.66	63.55	73.76
$50-74,999	639	68.15	62.62	73.69	66.52	61.11	71.93
$75,000+	794	70.92	66.61	75.22	67.63	62.74	72.52

Definition: “Yes” response to the question, “Do you think pain or discomfort in the jaw, neck or back are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Feeling Weak, Lightheaded or Faint Are Heart Attack Symptoms

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4167	74.95	72.99	76.92	74.96	72.99	76.94
REGION							
Central	483	75.80	70.38	81.22	75.64	70.46	80.81
Kansas City	741	72.87	68.74	77.00	72.65	68.52	76.78
Northeast	492	72.20	66.15	78.25	71.80	65.30	78.29
Northwest	491	78.14	72.52	83.75	78.14	72.56	83.71
Southeast	469	72.28	67.17	77.39	74.44	69.87	79.01
Southwest	478	76.62	71.20	82.03	77.21	71.89	82.52
St. Louis	1013	75.72	72.01	79.43	75.77	72.04	79.49
GENDER							
Female	2571	76.85	74.50	79.19	76.96	74.55	79.36
Male	1596	72.92	69.75	76.10	72.88	69.76	76.01
RACE							
Black	350	63.82	56.12	71.52	62.91	55.84	69.99
Other	214	77.40	69.56	85.24	78.35	71.57	85.14
White	3575	75.88	73.79	77.98	76.00	73.87	78.13
EDUCATION							
<HS	387	65.55	57.33	73.78	65.16	57.22	73.10
HS	1468	73.02	69.56	76.47	73.23	69.78	76.68
>HS	2309	77.42	74.99	79.85	77.18	74.61	79.74
INCOME							
<$15,000	402	68.86	62.16	75.55	69.60	62.68	76.52
$15-24,999	675	69.08	63.41	74.76	69.37	64.09	74.66
$25-24,999	547	70.80	65.11	76.49	70.64	64.62	76.65
$35-49,999	672	78.09	73.60	82.58	77.58	73.45	81.72
$50-74,999	628	78.84	74.52	83.16	79.78	75.64	83.92
$75,000+	771	77.87	74.08	81.66	75.64	70.98	80.30

Definition: “Yes” response to “Do you think feeling weak, lightheaded, or faint are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Chest Pain or Discomfort Is A Heart Attack Symptom

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4821	97.96	97.47	98.46	97.97	97.46	98.48
REGION							
Central	566	98.14	97.17	99.11	98.16	97.23	99.10
Kansas City	856	97.47	96.15	98.80	97.35	95.96	98.74
Northeast	553	97.38	95.50	99.25	97.07	94.58	99.55
Northwest	562	96.30	92.18	100.42	96.57	93.16	99.98
Southeast	554	97.79	96.12	99.47	97.98	96.44	99.52
Southwest	562	97.44	96.18	98.71	97.64	96.52	98.77
St. Louis	1168	98.70	97.97	99.43	98.70	97.96	99.44
GENDER							
Female	3017	98.34	97.78	98.90	98.43	97.86	99.01
Male	1804	97.55	96.71	98.38	97.45	96.59	98.31
RACE							
Black	407	96.24	93.31	99.18	95.96	93.26	98.66
Other	253	97.02	94.98	99.06	96.53	94.20	98.86
White	4121	98.24	97.76	98.73	98.28	97.78	98.77
EDUCATION							
<HS	491	93.01	89.97	96.05	94.07	91.08	97.06
HS	1731	97.98	97.13	98.83	98.19	97.41	98.96
>HS	2595	98.76	98.25	99.27	98.65	98.11	99.20
INCOME							
<$15,000	481	96.04	93.73	98.35	96.76	94.58	98.95
$15-24,999	802	96.71	95.08	98.33	97.48	96.23	98.73
$25-24,999	631	97.32	95.78	98.86	97.46	95.81	99.10
$35-49,999	761	98.45	97.31	99.59	98.52	97.52	99.53
$50-74,999	715	99.68	99.34	100.02	99.58	99.10	100.07
$75,000+	869	98.42	97.33	99.51	97.92	96.18	99.65

Definition: “Yes” response to “Do you think chest pain or discomfort is a symptom of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Trouble Seeing In One Or Both Eyes Is NOT A Heart Attack Symptom

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3511	58.50	55.97	61.03	58.65	56.24	61.06
REGION							
Central	408	50.49	43.53	57.45	52.04	45.84	58.23
Kansas City	619	55.35	50.13	60.58	55.71	50.79	60.62
Northeast	400	64.63	58.40	70.85	65.36	59.23	71.50
Northwest	410	54.91	47.94	61.88	54.97	48.48	61.45
Southeast	397	60.63	54.71	66.55	59.04	52.13	65.95
Southwest	407	63.15	56.78	69.51	63.19	56.65	69.73
St. Louis	870	60.17	55.16	65.18	60.07	55.64	64.50
GENDER							
Female	2157	60.59	57.32	63.86	60.13	57.04	63.21
Male	1354	56.36	52.48	60.23	56.85	53.21	60.49
RACE							
Black	301	57.76	49.45	66.07	60.22	52.65	67.79
Other	188	49.26	39.16	59.36	52.42	43.27	61.56
White	2995	59.04	56.28	61.79	58.98	56.33	61.62
EDUCATION							
<HS	343	57.73	47.92	67.54	60.28	51.97	68.58
HS	1208	59.60	55.27	63.93	58.86	54.55	63.17
>HS	1957	58.02	54.76	61.28	57.85	54.68	61.03
INCOME							
<$15,000	352	60.54	52.35	68.73	59.51	50.85	68.17
$15-24,999	572	54.49	47.59	61.39	55.57	49.39	61.75
$25-24,999	441	58.50	51.71	65.29	57.99	50.93	65.05
$35-49,999	563	54.76	48.12	61.41	55.08	49.14	61.02
$50-74,999	531	57.52	51.43	63.61	58.76	52.28	65.23
$75,000+	664	63.47	58.69	68.25	61.27	55.84	66.71

Definition: “No” response to “Do you think sudden trouble seeing in one or both eyes is a symptom of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Feeling Pain or Discomfort In The Arms or Shoulders Are Heart Attack Symptoms

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4723	93.67	92.31	95.03	93.40	91.97	94.82
REGION							
Central	566	90.65	85.74	95.55	91.41	87.75	95.08
Kansas City	831	93.77	91.27	96.28	93.54	90.94	96.14
Northeast	551	94.12	91.21	97.03	92.98	89.37	96.60
Northwest	548	93.96	89.23	98.68	94.47	90.81	98.13
Southeast	550	95.94	93.84	98.04	96.12	94.04	98.19
Southwest	548	96.07	93.70	98.45	96.16	93.76	98.57
St. Louis	1129	92.91	90.05	95.78	92.40	89.26	95.54
GENDER							
Female	2959	96.07	94.72	97.42	95.94	94.35	97.53
Male	1764	91.06	88.66	93.46	90.94	88.65	93.22
RACE							
Black	378	87.52	81.98	93.07	87.41	82.42	92.39
Other	244	88.49	81.46	95.53	89.45	83.76	95.14
White	4066	94.54	93.11	95.96	94.22	92.69	95.76
EDUCATION							
<HS	476	87.94	80.58	95.29	89.19	84.05	94.33
HS	1704	93.36	91.21	95.51	93.52	91.36	95.67
>HS	2539	94.75	93.14	96.36	94.19	92.31	96.08
INCOME							
<$15,000	463	94.27	91.63	96.92	94.41	91.27	97.56
$15-24,999	787	89.48	85.70	93.25	90.53	87.30	93.76
$25-24,999	616	92.37	88.28	96.45	92.10	87.97	96.24
$35-49,999	749	95.84	91.75	99.93	95.54	91.51	99.57
$50-74,999	705	96.32	93.75	98.90	95.70	92.22	99.18
$75,000+	852	94.46	92.13	96.78	93.00	89.69	96.31

Definition: “Yes” response to “Do you think pain or discomfort in the arms or shoulders are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Shortness of Breath Is A Heart Attack Symptom

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.1.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4565	92.27	91.14	93.40	92.30	91.15	93.45
REGION							
Central	534	91.09	86.96	95.21	91.53	87.82	95.23
Kansas City	801	92.61	90.24	94.98	92.37	89.85	94.90
Northeast	533	95.33	93.27	97.39	95.17	92.75	97.59
Northwest	531	91.49	86.61	96.38	91.73	87.19	96.28
Southeast	517	89.32	85.59	93.06	90.17	86.85	93.49
Southwest	530	93.13	90.52	95.75	93.38	90.72	96.05
St. Louis	1119	92.61	90.68	94.55	92.66	90.75	94.56
GENDER							
Female	2860	94.13	93.03	95.24	94.34	93.22	95.46
Male	1705	90.19	88.16	92.23	90.13	88.12	92.14
RACE							
Black	385	91.35	87.60	95.10	90.09	86.43	93.76
Other	232	88.61	82.79	94.44	88.62	83.13	94.11
White	3915	92.62	91.41	93.83	92.66	91.42	93.91
EDUCATION							
<HS	466	83.29	77.14	89.44	84.24	78.65	89.83
HS	1627	92.01	90.17	93.85	92.26	90.40	94.13
>HS	2469	93.87	92.58	95.16	93.56	92.14	94.97
INCOME							
<$15,000	439	90.69	87.33	94.05	91.16	87.71	94.61
$15-24,999	756	87.20	83.02	91.38	88.80	85.27	92.32
$25-24,999	582	91.88	88.36	95.39	92.02	88.23	95.82
$35-49,999	726	92.43	89.76	95.09	92.55	90.00	95.10
$50-74,999	692	94.03	91.54	96.52	93.84	91.10	96.58
$75,000+	840	94.29	92.26	96.32	92.75	89.91	95.59

Definition: “Yes” response to “Do you think shortness of breath is a symptom of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Correctly Answered All Signs and Symptoms of a Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4907	15.06	13.67	16.46	15.03	13.61	16.46
REGION							
Central	577	14.35	10.80	17.89	14.09	10.77	17.41
Kansas City	867	13.44	10.80	16.08	13.10	10.47	15.74
Northeast	567	14.27	10.71	17.82	14.66	10.85	18.47
Northwest	572	12.40	9.36	15.45	12.89	9.78	16.00
Southeast	567	13.73	10.47	17.00	13.35	10.01	16.68
Southwest	570	16.56	12.83	20.28	16.69	12.86	20.51
St. Louis	1187	16.30	13.42	19.19	16.32	13.44	19.19
GENDER							
Female	3078	18.26	16.29	20.22	18.18	16.13	20.23
Male	1829	11.56	9.62	13.50	11.65	9.67	13.63
RACE							
Black	414	7.84	3.72	11.97	7.67	3.65	11.69
Other	259	6.80	3.11	10.48	7.71	3.74	11.68
White	4194	16.31	14.75	17.86	16.24	14.64	17.84
EDUCATION							
<HS	517	4.27	2.19	6.35	5.50	2.29	8.71
HS	1763	10.07	8.19	11.95	9.73	7.90	11.55
>HS	2623	19.86	17.75	21.97	19.42	17.22	21.61
INCOME							
<$15,000	493	6.71	3.24	10.17	6.97	3.28	10.66
$15-24,999	819	8.02	5.54	10.51	9.40	6.23	12.57
$25-24,999	643	11.91	8.40	15.42	12.64	8.64	16.64
$35-49,999	773	16.49	12.62	20.36	16.52	12.48	20.55
$50-74,999	717	18.99	15.43	22.56	19.13	14.99	23.27
$75,000+	876	20.72	17.27	24.17	19.22	15.77	22.67

Definition: Correctly answered signs and symptoms of a stroke from the following questions: 1) [Do you think] sudden confusion or trouble speaking [are symptoms of a stroke]? 2) sudden numbness or weakness of face, arm or leg especially on one side? 3) sudden trouble seeing in one or both eyes? 4) sudden chest pain or discomfort? 5) sudden trouble walking, dizziness, or loss of balance ? 6) severe headache with no known cause? All but 4 are signs and symptoms of a heart attack.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Confusion or Trouble Speaking Are Symptoms of a Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4641	97.33	96.64	98.02	97.23	96.50	97.95
REGION							
Central	541	97.78	95.91	99.65	97.90	96.22	99.59
Kansas City	808	95.51	93.41	97.61	95.25	93.03	97.46
Northeast	533	95.92	92.59	99.25	94.89	91.17	98.60
Northwest	545	96.47	92.18	100.75	96.63	92.87	100.38
Southeast	538	97.61	95.83	99.39	97.73	96.05	99.42
Southwest	553	97.85	96.47	99.24	98.05	96.80	99.30
St. Louis	1123	98.12	97.06	99.17	97.94	96.76	99.11
GENDER							
Female	2933	98.09	97.35	98.84	97.97	97.08	98.85
Male	1708	96.49	95.29	97.69	96.37	95.17	97.57
RACE							
Black	387	91.68	86.53	96.84	91.66	87.44	95.88
Other	239	95.44	90.73	100.15	95.78	92.23	99.33
White	3983	97.97	97.40	98.53	97.90	97.29	98.51
EDUCATION							
<HS	448	94.04	90.23	97.84	94.55	90.86	98.25
HS	1665	96.95	95.82	98.08	96.89	95.69	98.10
>HS	2524	98.04	97.21	98.86	97.82	96.90	98.74
INCOME							
<$15,000	451	93.80	90.60	97.00	92.80	88.35	97.25
$15-24,999	757	94.28	91.41	97.15	94.49	91.75	97.23
$25-24,999	599	97.38	95.54	99.22	97.62	95.87	99.37
$35-49,999	744	98.44	97.32	99.55	98.10	96.70	99.50
$50-74,999	698	98.09	96.32	99.87	98.20	96.57	99.84
$75,000+	852	98.88	97.95	99.81	98.00	96.14	99.87

Definition: “Yes” response to “Do you think sudden confusion or trouble speaking are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Numbness or Weakness of Face, Arm or Leg Are Symptoms of a Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4785	99.08	98.72	99.44	99.08	98.70	99.45
REGION							
Central	565	99.40	98.87	99.94	99.40	98.87	99.93
Kansas City	836	98.74	98.00	99.47	98.68	97.91	99.45
Northeast	551	98.79	97.53	100.06	98.70	97.22	100.18
Northwest	561	99.47	98.64	100.29	99.51	98.76	100.27
Southeast	554	98.71	96.92	100.49	98.06	95.16	100.95
Southwest	564	98.83	97.77	99.90	98.98	98.05	99.90
St. Louis	1154	99.35	98.73	99.96	99.35	98.74	99.95
GENDER							
Female	3000	99.54	99.32	99.76	99.57	99.35	99.78
Male	1785	98.57	97.86	99.29	98.54	97.82	99.26
RACE							
Black	404	98.25	96.11	100.39	97.87	95.83	99.91
Other	254	96.45	93.52	99.37	96.02	92.82	99.22
White	4091	99.34	99.02	99.65	99.35	99.02	99.67
EDUCATION							
<HS	491	97.11	95.08	99.14	97.24	94.73	99.76
HS	1712	99.32	98.76	99.87	99.38	98.88	99.89
>HS	2578	99.26	98.83	99.69	99.21	98.77	99.65
INCOME							
<$15,000	478	97.14	94.42	99.86	97.40	94.64	100.16
$15-24,999	787	97.92	96.65	99.19	98.32	97.26	99.39
$25-24,999	630	99.36	98.60	100.12	99.22	98.16	100.29
$35-49,999	760	98.90	97.74	100.06	98.83	97.58	100.08
$50-74,999	708	99.86	99.58	100.14	99.86	99.59	100.13
$75,000+	865	99.63	99.06	100.19	99.66	99.17	100.14

Definition: “Yes” response to “Do you think sudden numbness or weakness of face, arm, or leg, especially on one side, are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Trouble Seeing in One or Both Eyes is a Symptom of a Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3776	90.94	89.61	92.27	90.87	89.51	92.23
REGION							
Central	442	95.66	93.85	97.46	95.43	93.57	97.29
Kansas City	667	90.91	88.18	93.64	90.69	87.96	93.42
Northeast	421	90.75	87.35	94.14	90.76	87.00	94.53
Northwest	450	86.20	79.93	92.48	86.22	81.16	91.28
Southeast	437	87.57	83.72	91.42	88.50	84.96	92.04
Southwest	439	91.30	86.94	95.66	91.28	86.68	95.89
St. Louis	920	90.64	88.18	93.10	90.57	88.07	93.07
GENDER							
Female	2354	92.49	91.04	93.93	92.54	90.98	94.09
Male	1422	89.29	87.02	91.55	89.16	86.97	91.35
RACE							
Black	304	86.82	81.92	91.73	86.40	81.97	90.82
Other	195	83.50	76.73	90.27	82.87	76.43	89.31
White	3252	91.80	90.39	93.21	91.79	90.32	93.25
EDUCATION							
<HS	354	82.09	76.10	88.08	83.88	78.35	89.41
HS	1277	88.09	85.34	90.84	88.73	86.19	91.27
>HS	2143	93.76	92.34	95.19	93.61	92.06	95.16
INCOME							
<$15,000	365	82.83	77.39	88.26	84.08	78.59	89.56
$15-24,999	582	85.44	81.54	89.33	85.08	81.01	89.16
$25-24,999	486	89.23	84.77	93.70	88.79	83.67	93.92
$35-49,999	593	92.54	89.87	95.21	92.09	89.38	94.79
$50-74,999	601	94.73	92.57	96.88	94.77	92.68	96.85
$75,000+	738	93.87	91.56	96.18	92.85	89.92	95.77

Definition: “Yes” response to “Do you think sudden trouble seeing in one or both eyes is a symptom of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Chest Pain or Discomfort is NOT a Symptom of a Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3576	51.50	49.01	53.99	51.57	49.08	54.05
REGION							
Central	427	50.10	43.42	56.78	49.85	43.60	56.11
Kansas City	636	54.02	48.94	59.10	53.82	48.89	58.75
Northeast	411	46.68	40.08	53.27	47.58	40.71	54.45
Northwest	416	47.04	40.08	53.99	47.24	40.30	54.19
Southeast	391	46.09	40.15	52.03	46.17	39.35	52.99
Southwest	413	53.61	47.12	60.10	53.74	47.34	60.13
St. Louis	882	52.12	47.17	57.07	52.16	47.43	56.89
GENDER							
Female	2175	53.12	49.89	56.35	53.28	49.97	56.60
Male	1401	49.86	46.06	53.65	49.78	46.08	53.48
RACE							
Black	322	36.28	28.32	44.25	36.79	29.32	44.26
Other	191	44.34	34.18	54.49	42.71	33.38	52.04
White	3030	53.48	50.76	56.20	53.56	50.83	56.29
EDUCATION							
<HS	347	35.11	26.68	43.53	35.66	27.60	43.73
HS	1244	44.28	39.93	48.63	43.69	39.51	47.87
>HS	1982	58.13	54.94	61.32	57.37	54.08	60.66
INCOME							
<$15,000	356	38.03	29.84	46.22	38.40	30.18	46.61
$15-24,999	582	39.41	33.01	45.80	41.45	35.36	47.55
$25-24,999	456	44.93	38.15	51.72	46.73	39.84	53.62
$35-49,999	587	47.43	41.29	53.58	47.20	41.37	53.03
$50-74,999	536	58.13	52.27	63.99	58.89	51.91	65.87
$75,000+	661	63.65	58.80	68.51	62.14	56.56	67.71

Definition: “No” response to “Do you think sudden chest pain or discomfort is a symptom of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Sudden Trouble Walking, Dizziness or Loss of Balance Are Symptoms of A Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4316	67.47	65.24	69.71	66.64	64.38	68.90
REGION							
Central	519	70.22	64.14	76.31	70.38	64.77	76.00
Kansas City	763	63.15	58.39	67.90	62.13	57.56	66.69
Northeast	509	63.92	57.61	70.24	62.42	56.59	68.25
Northwest	499	65.65	59.00	72.29	66.00	59.94	72.06
Southeast	505	70.40	65.29	75.51	69.12	63.43	74.82
Southwest	504	72.80	66.92	78.67	72.02	66.32	77.73
St. Louis	1017	66.42	61.98	70.85	65.43	60.88	69.98
GENDER							
Female	2718	76.96	74.33	79.59	75.35	72.50	78.20
Male	1598	57.21	53.64	60.79	57.12	53.65	60.60
RACE							
Black	341	49.89	41.91	57.87	50.13	43.19	57.06
Other	228	61.99	52.35	71.64	64.69	57.42	71.96
White	3715	69.47	67.09	71.86	68.39	65.92	70.85
EDUCATION							
<HS	423	58.46	50.07	66.84	59.40	51.66	67.15
HS	1538	64.04	59.99	68.10	62.88	59.08	66.69
>HS	2351	70.90	68.15	73.66	69.93	66.94	72.92
INCOME							
<$15,000	417	53.70	46.30	61.09	49.70	43.02	56.39
$15-24,999	708	64.53	58.52	70.53	65.48	60.09	70.88
$25-24,999	560	71.07	65.08	77.06	70.34	64.03	76.65
$35-49,999	693	68.56	63.19	73.92	68.66	63.55	73.76
$50-74,999	639	68.15	62.62	73.69	66.52	61.11	71.93
$75,000+	794	70.92	66.61	75.22	67.63	62.74	72.52

Definition: “Yes” response to “Do you think sudden trouble walking, dizziness, or loss of balance are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Know Severe Headache With No Known Cause is a Symptom of A Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3672	77.12	75.04	79.21	77.02	74.89	79.16
REGION							
Central	440	73.71	67.18	80.25	74.00	67.95	80.05
Kansas City	660	79.36	75.31	83.41	79.21	75.08	83.33
Northeast	417	72.69	65.84	79.55	71.10	64.57	77.62
Northwest	425	70.79	63.61	77.97	70.89	64.87	76.90
Southeast	412	75.27	69.94	80.60	74.73	67.96	81.50
Southwest	434	80.69	75.45	85.93	80.73	75.35	86.11
St. Louis	884	77.31	73.29	81.32	77.40	73.27	81.54
GENDER							
Female	2302	80.34	77.85	82.84	79.67	76.89	82.44
Male	1370	73.72	70.33	77.11	73.94	70.66	77.22
RACE							
Black	323	75.12	68.12	82.12	75.25	68.70	81.79
Other	186	71.74	62.00	81.48	72.97	64.87	81.06
White	3134	77.68	75.42	79.93	77.55	75.19	79.90
EDUCATION							
<HS	362	65.03	56.23	73.83	65.60	57.34	73.86
HS	1280	72.11	68.24	75.97	72.00	68.10	75.90
>HS	2027	81.82	79.36	84.28	81.80	79.14	84.45
INCOME							
<$15,000	349	74.05	67.77	80.32	74.09	67.36	80.81
$15-24,999	593	63.73	57.24	70.22	64.62	58.58	70.66
$25-24,999	485	75.92	69.72	82.11	75.63	69.07	82.18
$35-49,999	595	77.64	72.40	82.88	77.63	72.41	82.85
$50-74,999	546	84.73	80.77	88.70	85.55	81.74	89.37
$75,000+	674	81.48	77.59	85.37	81.72	77.29	86.15

Definition: “Yes” response to “Do you think severe headache with no known cause is a symptom of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 16 - Heart Attack and Stroke Awareness
Would first call 911 if they thought someone was having a heart attack

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4902	86.65	85.18	88.13	86.65	85.12	88.18
REGION							
Central	574	86.63	82.51	90.75	86.42	82.52	90.33
Kansas City	865	89.25	86.56	91.95	89.30	86.61	91.99
Northeast	566	82.14	78.03	86.25	81.94	77.31	86.58
Northwest	570	85.25	81.42	89.07	85.21	81.54	88.88
Southeast	565	83.55	79.68	87.42	83.02	78.46	87.57
Southwest	569	82.49	77.48	87.49	82.65	77.61	87.69
St. Louis	1193	88.63	86.01	91.25	88.64	85.94	91.33
GENDER							
Female	3077	88.49	86.90	90.08	88.50	86.83	90.17
Male	1825	84.64	82.09	87.18	84.69	82.18	87.19
RACE							
Black	419	93.72	91.21	96.22	93.43	90.98	95.88
Other	259	84.85	78.60	91.11	85.77	80.35	91.20
White	4184	86.10	84.46	87.75	86.06	84.32	87.80
EDUCATION							
<HS	516	84.36	78.54	90.18	85.47	80.54	90.40
HS	1766	82.93	79.86	86.00	83.01	79.93	86.10
>HS	2616	89.27	87.75	90.78	89.58	88.12	91.05
INCOME							
<$15,000	491	84.53	79.97	89.10	85.46	80.86	90.05
$15-24,999	822	85.05	80.65	89.44	86.33	82.64	90.02
$25-24,999	642	84.67	80.60	88.74	85.46	81.44	89.48
$35-49,999	770	86.74	82.85	90.63	86.71	82.69	90.72
$50-74,999	716	87.83	84.18	91.48	87.42	82.90	91.94
$75,000+	876	89.63	87.20	92.05	89.21	86.29	92.14

Definition: “Call 911” response to the question, “If you thought someone was having a heart attack or a stroke, what is the first thing you would do? 1) Take them to a hospital, 2) Tell them to call their doctor, 3) Call 911, 4) Call their spouse or a family member, OR 5) Do something else.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 17 – Clinical Breast Exam (CBE)
Women Age 50 And Older: Had Clinical Breast Exam In Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.1.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2029	57.93	55.10	60.76
REGION				
Central	230	55.75	48.71	62.80
Kansas City	361	61.76	56.08	67.45
Northeast	264	52.68	46.17	59.19
Northwest	229	56.29	49.05	63.54
Southeast	229	50.66	43.34	57.99
Southwest	240	57.26	50.38	64.14
St. Louis	476	59.74	53.96	65.53
GENDER				
Female	2029	57.93	55.10	60.76
Male				
RACE				
Black	168	68.29	58.79	77.80
Other	94	47.83	34.79	60.86
White	1741	57.68	54.64	60.73
EDUCATION				
<HS	262	45.69	38.27	53.12
HS	804	53.92	49.31	58.52
>HS	963	63.78	59.75	67.82
INCOME				
<$15,000	281	44.94	37.58	52.29
$15-24,999	395	48.61	42.26	54.96
$25-24,999	277	58.98	51.70	66.26
$35-49,999	261	65.65	58.05	73.25
$50-74,999	228	60.70	52.19	69.20
$75,000+	228	76.19	69.03	83.35

Definition: “Within past year” response to question, “How long has it been since your last breast exam?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 17 – Clinical Breast Exam (CBE)
Women Age 50 And Older: Had Clinical Breast Exam In Past One to Two Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.1.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1955	13.83	11.76	15.91
REGION				
Central	222	12.44	7.92	16.97
Kansas City	349	10.92	7.32	14.52
Northeast	257	15.52	10.67	20.38
Northwest	224	13.65	8.97	18.33
Southeast	220	14.31	8.87	19.75
Southwest	230	14.68	9.53	19.83
St. Louis	453	15.06	10.64	19.48
GENDER				
Female	1955	13.83	11.76	15.91
Male				
RACE				
Black	164	18.17	9.77	26.56
Other	89	7.33	2.15	12.51
White	1678	13.72	11.48	15.96
EDUCATION				
<HS	246	13.94	9.09	18.80
HS	777	14.07	10.80	17.34
>HS	932	13.63	10.54	16.73
INCOME				
<$15,000	266	14.78	9.50	20.06
$15-24,999	382	12.35	8.12	16.58
$25-24,999	273	12.41	7.60	17.21
$35-49,999	256	13.16	7.50	18.83
$50-74,999	225	18.31	11.22	25.39
$75,000+	222	11.37	5.90	16.84

Definition: “Within past 2 years” response to question, “How long has it been since your last breast exam?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 17 – Clinical Breast Exam (CBE)
Women Age 50 And Older: Had Clinical Breast Exam Two or More Years Ago

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.1.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1955	17.78	15.51	20.04
REGION				
Central	222	22.00	15.80	28.20
Kansas City	349	15.74	11.50	19.99
Northeast	257	23.07	17.40	28.75
Northwest	224	20.22	14.13	26.31
Southeast	220	21.91	15.65	28.17
Southwest	230	17.33	11.91	22.74
St. Louis	453	15.67	11.05	20.28
GENDER				
Female	1955	17.78	15.51	20.04
Male				
RACE				
Black	164	8.42	2.67	14.17
Other	89	28.02	15.40	40.63
White	1678	18.10	15.65	20.55
EDUCATION				
<HS	246	18.53	12.39	24.68
HS	777	20.06	16.20	23.92
>HS	932	15.88	12.79	18.96
INCOME				
<$15,000	266	24.24	17.56	30.92
$15-24,999	382	23.49	17.55	29.43
$25-24,999	273	21.72	15.75	27.69
$35-49,999	256	17.18	11.05	23.31
$50-74,999	225	16.12	9.03	23.21
$75,000+	222	6.88	2.35	11.40

Definition: “Within past 3 years, within past 5 years AND 5 or more years ago” responses to question, “How long has it been since your last breast exam?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 18 and Older: Ever Had A Mammogram

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 18.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3173	65.62	62.81	68.42	62.46	60.35	64.58
REGION							
Central	353	58.67	50.95	66.39	57.82	53.10	62.55
Kansas City	558	69.39	64.19	74.58	66.66	61.58	71.73
Northeast	382	58.59	51.57	65.62	53.86	48.47	59.26
Northwest	371	64.15	56.26	72.04	62.90	56.97	68.84
Southeast	364	63.49	57.19	69.78	60.00	54.67	65.33
Southwest	372	63.08	55.76	70.39	60.53	55.68	65.37
St. Louis	773	68.55	62.81	74.29	64.47	60.48	68.46
GENDER							
Female	3173	65.62	62.81	68.42	62.46	60.35	64.58
Male							
RACE							
Black	304	62.53	53.67	71.38	66.20	59.44	72.96
Other	168	58.20	47.18	69.22	64.44	55.95	72.92
White	2673	66.35	63.26	69.45	61.95	59.65	64.25
EDUCATION							
<HS	339	71.06	62.94	79.18	62.45	54.82	70.08
HS	1149	69.32	64.46	74.19	65.13	61.19	69.08
>HS	1683	62.56	58.80	66.32	61.77	59.20	64.33
INCOME							
<$15,000	384	70.18	62.70	77.66	68.66	59.70	77.62
$15-24,999	559	65.83	58.85	72.82	60.31	55.27	65.34
$25-24,999	418	67.18	59.65	74.72	62.86	56.98	68.75
$35-49,999	476	63.01	56.16	69.87	63.32	57.76	68.89
$50-74,999	417	63.03	55.80	70.25	57.50	53.66	61.34
$75,000+	461	68.62	62.87	74.37	64.15	59.73	68.58

Definition: “Yes” response from all women to question, “Have you ever had a mammogram?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 40 and Older: Never Had A Mammogram

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.1.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2538	8.32	7.04	9.60
REGION				
Central	292	12.99	8.48	17.50
Kansas City	433	8.27	5.12	11.41
Northeast	326	16.28	11.61	20.95
Northwest	294	10.08	6.41	13.74
Southeast	290	11.77	7.79	15.76
Southwest	305	9.37	5.56	13.19
St. Louis	598	4.24	2.39	6.08
GENDER				
Female	2538	8.32	7.04	9.60
Male				
RACE				
Black	216	8.43	4.23	12.64
Other	128	13.11	5.21	21.00
White	2167	7.89	6.56	9.23
EDUCATION				
<HS	293	10.22	6.21	14.23
HS	975	11.31	8.79	13.83
>HS	1270	5.89	4.43	7.36
INCOME				
<$15,000	321	12.68	7.98	17.39
$15-24,999	474	12.71	8.97	16.44
$25-24,999	333	6.67	3.69	9.65
$35-49,999	357	7.77	4.30	11.24
$50-74,999	318	7.50	3.93	11.07
$75,000+	344	3.84	1.51	6.16

Definition: Women age 40 and older, “No” response to question, “Have you ever had a mammogram?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 18 and Older: Had Mammogram Within Past Year

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 18.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2457	59.36	56.66	62.05	55.32	50.06	60.57
REGION							
Central	272	61.43	54.39	68.47	50.12	40.44	59.79
Kansas City	442	59.95	53.76	66.13	56.05	46.04	66.07
Northeast	286	59.66	53.12	66.19	56.78	50.22	63.34
Northwest	280	59.59	52.15	67.02	51.99	39.88	64.10
Southeast	273	54.91	48.05	61.77	43.73	34.63	52.82
Southwest	292	51.70	45.07	58.34	43.55	32.84	54.25
St. Louis	612	62.51	57.38	67.63	63.35	55.84	70.86
GENDER							
Female	2457	59.36	56.66	62.05	55.32	50.06	60.57
Male							
RACE							
Black	229	63.84	53.43	74.25	64.81	53.91	75.71
Other	125	53.18	41.49	64.87	48.52	33.72	63.33
White	2080	59.21	56.32	62.10	54.45	48.16	60.74
EDUCATION							
<HS	270	51.84	43.72	59.97	43.30	33.21	53.39
HS	909	57.55	52.98	62.12	52.66	44.57	60.75
>HS	1277	61.86	58.23	65.49	59.92	53.34	66.50
INCOME							
<$15,000	302	43.29	33.99	52.59	35.16	26.29	44.03
$15-24,999	432	57.75	51.39	64.11	57.68	47.43	67.92
$25-24,999	330	57.08	50.26	63.90	55.03	43.60	66.47
$35-49,999	358	62.85	55.81	69.88	64.97	56.19	73.75
$50-74,999	316	60.61	53.50	67.71	68.05	59.86	76.23
$75,000+	360	66.76	60.62	72.90	59.89	51.94	67.83

Definition: "Within the past year" response from all women to question, "How long has it been since you had your last mammogram?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 50 and Older: Had Last Mammogram Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2029	59.07	56.30	61.85
REGION				
Central	230	59.94	52.95	66.94
Kansas City	361	61.86	56.18	67.55
Northeast	264	52.15	45.63	58.67
Northwest	229	56.63	49.22	64.05
Southeast	229	53.44	46.15	60.73
Southwest	240	52.82	45.87	59.77
St. Louis	476	62.62	57.02	68.21
GENDER				
Female	2029	59.07	56.30	61.85
Male				
RACE				
Black	168	61.52	51.21	71.83
Other	94	54.16	41.05	67.27
White	1741	59.18	56.21	62.15
EDUCATION				
<HS	262	51.53	44.12	58.94
HS	804	56.17	51.65	60.69
>HS	963	63.01	58.97	67.04
INCOME				
<$15,000	281	46.60	39.22	53.98
$15-24,999	395	55.89	49.57	62.21
$25-24,999	277	56.31	49.07	63.54
$35-49,999	261	59.21	51.19	67.23
$50-74,999	228	62.88	54.55	71.20
$75,000+	228	74.45	67.35	81.55

Definition: Women age 50 and older, “Within the past year” response to question, “How long has it been since you had your last mammogram?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 50 and Older: Had Last Mammogram In Past One to Two Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.2.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2029	16.04	13.90	18.18
REGION				
Central	230	12.65	7.97	17.32
Kansas City	361	14.82	10.61	19.03
Northeast	264	14.08	9.57	18.59
Northwest	229	17.54	11.99	23.10
Southeast	229	16.09	10.54	21.64
Southwest	240	20.55	14.81	26.29
St. Louis	476	15.92	11.56	20.27
GENDER				
Female	2029	16.04	13.90	18.18
Male				
RACE				
Black	168	20.22	11.33	29.12
Other	94	9.82	0.86	18.79
White	1741	15.98	13.70	18.25
EDUCATION				
<HS	262	11.31	6.91	15.71
HS	804	15.67	12.30	19.03
>HS	963	17.41	14.15	20.67
INCOME				
<$15,000	281	16.09	10.69	21.50
$15-24,999	395	16.28	10.88	21.69
$25-24,999	277	14.93	9.75	20.11
$35-49,999	261	19.71	12.92	26.51
$50-74,999	228	18.07	11.89	24.25
$75,000+	228	11.76	6.69	16.83

Definition: Women age 50 and older, “Within the past 2 years” response to question, “How long has it been since you had your last mammogram?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 18 – Mammogram
Women 50 and Older: Had Last Mammogram Two or More Years Ago

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.2.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2029	17.06	14.84	19.28
REGION				
Central	230	18.19	12.49	23.90
Kansas City	361	16.69	12.28	21.11
Northeast	264	19.63	14.34	24.92
Northwest	229	16.96	11.15	22.77
Southeast	229	17.98	12.79	23.18
Southwest	240	18.24	12.66	23.82
St. Louis	476	15.86	11.33	20.40
GENDER				
Female	2029	17.06	14.84	19.28
Male				
RACE				
Black	168	13.18	5.55	20.81
Other	94	26.28	13.96	38.59
White	1741	16.99	14.62	19.37
EDUCATION				
<HS	262	22.96	16.54	29.37
HS	804	18.40	14.66	22.15
>HS	963	14.69	11.66	17.71
INCOME				
<$15,000	281	23.48	17.02	29.94
$15-24,999	395	19.65	14.87	24.42
$25-24,999	277	23.97	17.82	30.12
$35-49,999	261	15.96	9.52	22.40
$50-74,999	228	13.99	6.91	21.07
$75,000+	228	10.89	5.48	16.31

Definition: Women age 50 and older, “Within the past 3 years, within past 5 years, AND 5 or more years ago” responses to question, “How long has it been since you had your last mammogram?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 18 and Older: Ever had a pap test

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 19.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2141	95.74	94.20	97.28	95.97	94.61	97.33
REGION							
Central	239	96.49	92.89	100.00	96.59	93.74	99.44
Kansas City	370	93.96	90.35	97.56	94.23	91.06	97.40
Northeast	253	97.04	93.77	100.00	94.85	88.37	100.00
Northwest	237	90.97	80.93	100.00	91.78	85.29	98.27
Southeast	237	97.53	94.79	100.00	97.64	95.11	100.00
Southwest	235	90.67	83.32	98.03	91.91	87.29	96.53
St. Louis	570	98.28	97.10	99.47	98.33	97.20	99.46
GENDER							
Female	2141	95.74	94.20	97.28	95.97	94.61	97.33
Male							
RACE							
Black	201	89.68	82.48	96.88	91.04	86.25	95.83
Other	117	91.64	84.00	99.28	90.61	83.93	97.29
White	1806	96.71	95.16	98.26	96.88	95.49	98.27
EDUCATION							
<HS	196	96.09	93.38	98.79	96.65	94.10	99.21
HS	728	90.61	86.45	94.77	92.27	89.22	95.33
>HS	1216	98.54	97.62	99.46	98.51	97.60	99.43
INCOME							
<$15,000	224	95.19	91.36	99.01	96.12	93.62	98.62
$15-24,999	353	96.59	93.50	99.68	97.06	94.53	99.59
$25-24,999	265	97.44	95.29	99.59	97.21	94.82	99.60
$35-49,999	340	96.48	93.35	99.60	97.22	94.69	99.75
$50-74,999	307	98.31	95.99	100.00	98.63	96.75	100.00
$75,000+	364	97.92	95.63	100.00	94.93	90.00	99.85

Definition: Women age 18 and older, “Yes” response to the question, “Have you ever had a Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 18 and Older: Had a Pap Test Within Past Three Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI

Table 19.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3012	80.78	79.07	82.48	82.19	80.74	83.65
REGION							
Central	335	84.49	80.55	88.42	84.79	81.40	88.18
Kansas City	527	83.12	79.65	86.59	84.35	81.20	87.50
Northeast	360	73.91	68.17	79.66	76.61	71.45	81.76
Northwest	346	75.14	69.73	80.56	77.92	73.25	82.59
Southeast	348	73.16	67.90	78.43	74.61	69.62	79.59
Southwest	357	75.10	70.09	80.10	77.46	73.09	81.84
St. Louis	739	84.09	81.01	87.18	85.42	82.94	87.90
GENDER							
Female	3012	80.78	79.07	82.48	82.19	80.74	83.65
Male							
RACE							
Black	284	87.98	83.93	92.03	85.76	81.92	89.60
Other	157	81.94	75.15	88.72	81.45	75.10	87.81
White	2546	80.11	78.21	82.02	81.87	80.25	83.48
EDUCATION							
<HS	309	68.58	62.03	75.13	75.37	70.29	80.45
HS	1067	75.01	71.67	78.34	78.34	75.51	81.17
>HS	1635	85.78	83.79	87.77	85.42	83.59	87.25
INCOME							
<$15,000	352	68.77	61.97	75.57	72.37	67.11	77.64
$15-24,999	532	72.14	67.13	77.16	75.07	70.50	79.64
$25-24,999	400	74.20	68.65	79.75	77.27	72.40	82.15
$35-49,999	465	84.73	80.74	88.73	85.07	81.47	88.67
$50-74,999	413	86.72	82.81	90.64	87.15	83.49	90.80
$75,000+	453	92.76	90.01	95.51	90.87	87.10	94.63

Definition: Women age 18 and older, “Yes” response to the question, “Have you ever had a Pap test?” AND “Within the past 3 years” to “How long has it been since you had your last Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 50 and Older: Had a Pap Test Within Past Three Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1107	74.55	71.26	77.85
REGION				
Central	124	74.07	65.36	82.78
Kansas City	189	79.01	72.56	85.46
Northeast	148	73.32	65.80	80.85
Northwest	112	70.05	60.81	79.29
Southeast	126	62.09	52.61	71.57
Southwest	121	75.60	67.65	83.56
St. Louis	287	75.70	69.40	82.01
GENDER				
Female	1107	74.55	71.26	77.85
Male				
RACE				
Black	79	79.59	68.39	90.78
Other	--			
White	969	74.73	71.22	78.24
EDUCATION				
<HS	122	54.45	43.67	65.24
HS	420	68.91	63.11	74.71
>HS	565	82.19	78.07	86.30
INCOME				
<$15,000	126	49.63	38.87	60.39
$15-24,999	213	63.84	55.43	72.26
$25-24,999	141	73.34	64.16	82.52
$35-49,999	145	80.64	72.03	89.26
$50-74,999	146	86.00	78.73	93.26
$75,000+	152	90.37	83.77	96.98

--Number of responses less than 50 and not reported
Definition: Women age 50 and older, “Yes” response to the question, “Have you ever had a Pap test?” AND “Within the past 3 years” to “How long has it been since you had your last Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 18 - 69: Have Never Had a Pap Test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1757	4.18	2.48	5.88
REGION				
Central	197	2.47	0.00	6.29
Kansas City	301	6.18	2.24	10.11
Northeast	203	2.64	0.00	6.33
Northwest	189	8.54	0.00	19.98
Southeast	202	2.10	0.00	5.05
Southwest	191	9.94	1.88	18.01
St. Louis	474	1.65	0.35	2.96
GENDER				
Female	1757	4.18	2.48	5.88
Male				
RACE				
Black	171	10.30	2.64	17.95
Other	99	8.95	0.62	17.29
White	1481	3.16	1.45	4.88
EDUCATION				
<HS	144	2.46	0.00	5.08
HS	564	9.90	5.17	14.63
>HS	1049	1.36	0.39	2.34
INCOME				
<$15,000	168	3.88	0.00	8.13
$15-24,999	261	3.09	0.00	6.64
$25-24,999	211	2.26	0.00	4.61
$35-49,999	302	3.76	0.43	7.09
$50-74,999	287	1.78	0.00	4.23
$75,000+	350	2.06	0.00	4.38

Definition: Women age 18-69, “No” response to the question, “Have you ever had a Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 70 and Older: Have Never Had a Pap Test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.5	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	365	5.04	2.88	7.19
REGION				
Central	--			
Kansas City	64	5.19	0.00	10.55
Northeast	--			
Northwest	--			
Southeast	--			
Southwest	--			
St. Louis	91	2.34	0.44	4.25
GENDER				
Female	365	5.04	2.88	7.19
Male				
RACE				
Black	--			
Other	--			
White	312	4.33	2.22	6.44
EDUCATION				
<HS	52	10.54	1.77	19.30
HS	158	5.64	2.44	8.84
>HS	155	2.72	0.01	5.43
INCOME				
<$15,000	55	10.62	5.44	15.81
$15-24,999	92	5.00	0.00	10.23
$25-24,999	51	4.48	1.49	7.47
$35-49,999	--			
$50-74,999	--			
$75,000+	--			

--Number of responses less than 50 and not reported
Definition: Women age 70 and older, “No” response to the question, “Have you ever had a Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 18 - 29: Have Not Had a Pap Test Within The Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.6	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	222	30.99	23.73	38.25
REGION				
Central	--			
Kansas City	--			
Northeast	--			
Northwest	--			
Southeast	--			
Southwest	--			
St. Louis	57	11.27	2.00	20.53
GENDER				
Female	222	30.99	23.73	38.25
Male				
RACE				
Black	--			
Other	--			
White	173	28.72	20.77	36.67
EDUCATION				
<HS	--			
HS	67	47.45	31.75	63.15
>HS	135	20.15	11.67	28.64
INCOME				
<$15,000	--			
$15-24,999	--			
$25-24,999	--			
$35-49,999	--			
$50-74,999	--			
$75,000+	--			

--Number of responses less than 50 and not reported

Definition: Women age 18-29, “Yes” response to the question, “Have you ever had a Pap test?” AND any response greater than “Within the past year” to “How long has it been since you had your last Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 19 – Pap Test
Women Age 30-69: Have Not Had a Pap Test Within The Past Three Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.7	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1531	15.86	13.60	18.12
REGION				
Central	169	10.96	6.15	15.77
Kansas City	260	13.35	8.70	18.01
Northeast	181	24.98	16.73	33.22
Northwest	165	21.95	14.10	29.80
Southeast	170	23.45	16.21	30.70
Southwest	170	23.93	16.50	31.36
St. Louis	416	12.20	8.39	16.01
GENDER				
Female	1531	15.86	13.60	18.12
Male				
RACE				
Black	141	10.40	3.94	16.85
Other	79	22.42	11.43	33.41
White	1306	15.95	13.50	18.40
EDUCATION				
<HS	123	33.14	22.16	44.13
HS	496	23.79	18.91	28.67
>HS	912	10.04	7.67	12.42
INCOME				
<$15,000	146	31.96	20.87	43.05
$15-24,999	221	30.36	22.07	38.65
$25-24,999	179	20.59	12.96	28.21
$35-49,999	254	17.02	11.02	23.02
$50-74,999	259	9.93	5.20	14.66
$75,000+	326	5.04	2.11	7.97

Definition: Women age 30-69, “Yes” response to the question, “Have you ever had a Pap test?” AND any response greater than “Within the past 3 years” to “How long has it been since you had your last Pap test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 20 – Hysterectomy
Women Age 18 and Older: Have Had a Hysterectomy

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 20	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3130	24.22	22.35	26.09	21.82	20.29	23.35
REGION							
Central	346	24.08	18.96	29.21	22.37	18.29	26.45
Kansas City	552	25.92	21.94	29.90	23.62	20.16	27.07
Northeast	375	26.21	21.23	31.20	21.70	17.78	25.63
Northwest	366	27.82	22.28	33.37	24.63	20.41	28.84
Southeast	360	30.24	24.89	35.60	27.36	22.74	31.98
Southwest	370	26.96	21.98	31.94	24.16	20.30	28.01
St. Louis	761	19.96	16.50	23.41	17.74	14.96	20.53
GENDER							
Female	3130	24.22	22.35	26.09	21.82	20.29	23.35
Male							
RACE							
Black	298	26.54	19.87	33.22	27.75	22.38	33.13
Other	167	17.90	11.81	23.98	19.54	13.75	25.33
White	2638	24.26	22.22	26.30	21.45	19.79	23.12
EDUCATION							
<HS	334	35.11	28.34	41.89	26.39	20.28	32.50
HS	1139	27.06	23.74	30.37	23.44	20.62	26.25
>HS	1655	20.86	18.48	23.25	20.36	18.37	22.36
INCOME							
<$15,000	380	33.18	26.82	39.53	26.40	21.87	30.93
$15-24,999	556	28.25	23.38	33.12	24.45	20.17	28.74
$25-24,999	413	31.58	25.75	37.40	27.08	22.32	31.83
$35-49,999	465	20.88	16.44	25.32	20.14	16.16	24.11
$50-74,999	413	20.07	15.47	24.66	18.92	15.02	22.83
$75,000+	453	15.98	12.26	19.70	16.54	12.70	20.38

Definition: Women age 18 and older, “Yes” response to the question, “Have you had a hysterectomy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 21 - Prostate Cancer Screening and Prevalence
Men ages 40 and older: Ever had a PSA test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 21.1.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1442	67.66	64.40	70.92
REGION				
Central	179	70.00	62.59	77.42
Kansas City	251	64.25	56.77	71.72
Northeast	156	69.74	61.08	78.41
Northwest	174	56.86	47.40	66.31
Southeast	170	62.45	54.17	70.73
Southwest	165	69.73	61.14	78.33
St. Louis	347	70.29	63.93	76.65
GENDER				
Female				
Male	1442	67.66	64.40	70.92
RACE				
Black	99	57.31	43.52	71.10
Other	67	61.14	45.62	76.67
White	1264	68.51	65.05	71.97
EDUCATION				
<HS	152	61.54	51.20	71.88
HS	520	63.14	57.68	68.59
>HS	768	71.00	66.57	75.43
INCOME				
<$15,000	107	47.14	35.12	59.16
$15-24,999	218	61.25	52.93	69.57
$25-24,999	191	67.96	58.43	77.49
$35-49,999	247	67.80	59.54	76.07
$50-74,999	226	63.78	55.50	72.06
$75,000+	325	77.37	71.56	83.18

Definition: Men ages 40 and older, “Yes” response to the question, “Have you ever had a PSA test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 21 - Prostate Cancer Screening and Prevalence
Men ages 40 and older: Had A PSA Test Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 21.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1014	65.41	61.43	69.39
REGION				
Central	125	62.20	52.88	71.53
Kansas City	179	66.26	58.16	74.37
Northeast	111	64.53	53.37	75.69
Northwest	112	64.07	53.76	74.39
Southeast	110	65.68	55.85	75.51
Southwest	120	66.04	56.03	76.06
St. Louis	257	65.93	57.90	73.95
GENDER				
Female				
Male	1014	65.41	61.43	69.39
RACE				
Black	66	61.36	45.83	76.89
Other	45	69.81	53.94	85.68
White	893	65.62	61.36	69.89
EDUCATION				
<HS	100	69.57	58.60	80.54
HS	337	63.03	56.17	69.90
>HS	577	66.04	60.73	71.36
INCOME				
<$15,000	57	48.67	32.67	64.68
$15-24,999	142	70.44	60.07	80.81
$25-24,999	143	65.22	54.99	75.44
$35-49,999	181	69.29	61.33	77.25
$50-74,999	157	59.90	50.09	69.72
$75,000+	253	65.61	57.53	73.69

Definition: Men ages 40 and older, “Yes” response to the question, “Have you ever had a PSA test?” AND “Within the past year” to “How long has it been since you had your last PSA test?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 21 - Prostate Cancer Screening and Prevalence
Men ages 40 and older: Ever Had A Digital Rectal Exam

Crude Prevalence With 95% Confidence Intervals (CI)

Table 21.2.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1483	73.70	70.63	76.76
REGION				
Central	183	75.10	68.06	82.13
Kansas City	264	76.89	70.09	83.68
Northeast	160	65.98	56.40	75.56
Northwest	177	62.96	53.45	72.47
Southeast	179	67.60	59.70	75.51
Southwest	168	75.70	67.76	83.64
St. Louis	352	74.79	68.67	80.90
GENDER				
Female				
Male	1483	73.70	70.63	76.76
RACE				
Black	102	61.11	47.56	74.67
Other	71	67.31	52.96	81.66
White	1294	74.98	71.75	78.21
EDUCATION				
<HS	158	64.59	54.54	74.64
HS	539	67.22	61.84	72.59
>HS	783	78.69	74.71	82.67
INCOME				
<$15,000	111	57.48	45.35	69.61
$15-24,999	228	66.21	58.08	74.33
$25-24,999	200	73.20	64.15	82.24
$35-49,999	251	73.05	65.44	80.66
$50-74,999	234	71.72	63.88	79.57
$75,000+	330	82.24	76.83	87.65

Definition: Men age 40 and older, “Yes” response to the question, “Have you ever had a digital rectal exam?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 21 - Prostate Cancer Screening and Prevalence
Men ages 40 and older: Had A Digital Rectal Exam Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 21.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1121	48.53	44.76	52.30
REGION				
Central	138	47.29	38.00	56.59
Kansas City	213	49.90	42.11	57.69
Northeast	116	39.20	29.54	48.86
Northwest	127	41.79	32.69	50.89
Southeast	126	35.79	26.70	44.87
Southwest	130	38.60	29.33	47.87
St. Louis	271	57.52	49.85	65.19
GENDER				
Female				
Male	1121	48.53	44.76	52.30
RACE				
Black	67	37.58	22.98	52.18
Other	--			
White	994	48.81	44.81	52.80
EDUCATION				
<HS	100	50.91	39.10	62.72
HS	382	43.25	37.00	49.50
>HS	638	50.52	45.45	55.59
INCOME				
<$15,000	69	31.38	19.22	43.53
$15-24,999	162	45.24	35.78	54.69
$25-24,999	156	47.48	37.55	57.40
$35-49,999	195	48.05	39.13	56.97
$50-74,999	173	43.36	34.18	52.53
$75,000+	277	55.29	47.70	62.88

--Number of responses less than 50 and are not reported

Definition: Men age 40 and older, “Yes” response to the question, “Have you ever had a digital rectal exam?” AND “Within the past year” to “How long has it been since your last digital rectal exam?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 21 - Prostate Cancer Screening and Prevalence
Men ages 40 and older: Ever Told By A Doctor Had Prostate Cancer

Crude Prevalence With 95% Confidence Intervals (CI)

Table 21.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1496	3.28	2.29	4.26
REGION				
Central	186	2.19	0.00	4.16
Kansas City	263	3.60	1.46	5.74
Northeast	163	4.36	1.32	7.40
Northwest	180	1.73	0.00	3.26
Southeast	179	3.30	0.00	6.25
Southwest	170	1.15	0.00	2.76
St. Louis	355	4.39	2.23	6.55
GENDER				
Female				
Male	1496	3.28	2.29	4.26
RACE				
Black	102	3.53	0.00	7.25
Other	72	1.27	0.00	2.87
White	1306	3.39	2.31	4.47
EDUCATION				
<HS	160	4.98	0.00	9.33
HS	546	1.83	0.00	2.82
>HS	787	3.85	2.39	5.32
INCOME				
<$15,000	112	0.47	0.00	1.41
$15-24,999	229	5.54	1.95	9.13
$25-24,999	203	2.45	0.00	4.27
$35-49,999	253	4.00	1.07	6.94
$50-74,999	235	1.29	0.00	2.82
$75,000+	331	3.92	1.79	6.05

Definition: Men age 40 and older, “Yes” response to the question, “Have you ever been told by a doctor, nurse or other health professional that you had prostate cancer?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Ever Had A Blood Stool Test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.1.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3177	39.70	37.52	41.87
REGION				
Central	371	38.88	33.42	44.34
Kansas City	562	44.85	40.18	49.52
Northeast	393	36.20	31.03	41.37
Northwest	366	49.79	43.94	55.63
Southeast	359	43.11	37.29	48.92
Southwest	376	47.28	41.51	53.04
St. Louis	750	32.64	28.47	36.82
GENDER				
Female	1984	43.11	40.31	45.91
Male	1193	35.73	32.32	39.13
RACE				
Black	234	32.76	25.10	40.42
Other	151	39.90	29.92	49.87
White	2753	40.17	37.83	42.51
EDUCATION				
<HS	394	35.22	29.43	41.02
HS	1215	38.38	34.88	41.88
>HS	1566	41.50	38.36	44.64
INCOME				
<$15,000	362	36.67	30.65	42.68
$15-24,999	576	42.00	36.94	47.07
$25-24,999	439	43.14	37.36	48.92
$35-49,999	471	42.58	36.82	48.33
$50-74,999	408	33.21	27.74	38.69
$75,000+	469	37.45	31.93	42.97

Definition: Age 50 and older, “Yes” response to the question, “Have you ever had a blood stool test using a home kit?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Never Had A Blood Stool Test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3207	60.33	58.17	62.50
REGION				
Central	373	61.31	55.87	66.76
Kansas City	571	55.41	50.79	60.04
Northeast	397	64.12	58.98	69.25
Northwest	370	50.28	44.47	56.09
Southeast	361	56.63	50.83	62.43
Southwest	377	52.58	46.83	58.34
St. Louis	758	67.35	63.19	71.50
GENDER				
Female	2008	56.93	54.15	59.71
Male	1199	64.32	60.93	67.72
RACE				
Black	241	67.37	59.82	74.91
Other	153	59.97	50.04	69.89
White	2773	59.86	57.53	62.19
EDUCATION				
<HS	395	64.72	58.93	70.51
HS	1224	61.61	58.12	65.10
>HS	1585	58.61	55.49	61.72
INCOME				
<$15,000	364	63.30	57.30	69.30
$15-24,999	578	57.95	52.89	63.01
$25-24,999	442	56.85	51.08	62.62
$35-49,999	475	57.68	51.96	63.41
$50-74,999	411	66.69	61.23	72.16
$75,000+	471	62.56	57.05	68.07

Definition: Age 50 and older, “No” response to the question, “Have you ever had a blood stool test using a home kit?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Had A Blood Stool Test Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3168	10.6	9.3	11.9
REGION				
Central	366	10.1	6.6	13.5
Kansas City	563	12.7	9.6	15.7
Northeast	391	6.6	3.9	9.2
Northwest	365	17.9	13.6	22.2
Southeast	359	14.8	10.3	19.2
Southwest	374	15.7	11.5	19.9
St. Louis	750	6.2	4.2	8.2
GENDER				
Female	1977	10.8	9.1	12.4
Male	1191	10.4	8.3	12.5
RACE				
Black	239	10.0	5.6	14.5
Other	152	14.1	7.3	21.0
White	2739	10.4	9.0	11.8
EDUCATION				
<HS	391	10.8	7.1	14.6
HS	1210	11.1	8.9	13.4
>HS	1564	10.2	8.5	12.0
INCOME				
<$15,000	361	9.7	6.1	13.3
$15-24,999	572	14.9	11.3	18.4
$25-24,999	435	10.9	7.2	14.5
$35-49,999	473	10.7	7.4	14.1
$50-74,999	408	6.4	3.6	9.2
$75,000+	466	8.6	5.7	11.6

Definition: Age 50 and older, “Yes” response to the question, “Have you ever had a blood stool test using a home kit?” AND “Within the past year” to “How long has it been since you had your last blood stool test using a home kit?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: No Blood Stool Test Within Past Five Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1343	13.81	11.44	16.18
REGION				
Central	143	17.45	10.40	24.49
Kansas City	269	11.31	7.10	15.53
Northeast	146	10.58	5.70	15.46
Northwest	187	11.93	6.61	17.25
Southeast	151	11.32	6.29	16.35
Southwest	177	12.72	7.63	17.81
St. Louis	270	16.55	10.80	22.31
GENDER				
Female	882	14.46	11.57	17.35
Male	461	12.89	8.90	16.88
RACE				
Black	84	15.06	4.17	25.95
Other	67	12.46	3.67	21.24
White	1176	13.67	11.16	16.18
EDUCATION				
<HS	138	13.46	5.86	21.06
HS	503	17.72	13.13	22.31
>HS	701	11.51	8.69	14.33
INCOME				
<$15,000	138	15.05	8.23	21.88
$15-24,999	257	11.76	6.91	16.61
$25-24,999	193	15.31	8.70	21.91
$35-49,999	206	13.25	7.96	18.55
$50-74,999	166	17.33	9.94	24.71
$75,000+	192	12.84	6.60	19.08

Definition: Age 50 and older, “Yes” response to the question, “Have you ever had a blood stool test using a home kit?” AND “5 or more years ago” to “How long has it been since you had your last blood stool test using a home kit?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Ever Had A Sigmoidoscopy Or Colonoscopy

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.2.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3172	61.35	59.11	63.60
REGION				
Central	369	59.67	54.05	65.29
Kansas City	560	66.50	61.95	71.04
Northeast	389	55.90	50.35	61.44
Northwest	366	53.83	48.02	59.64
Southeast	361	55.75	49.94	61.56
Southwest	377	54.96	49.19	60.72
St. Louis	750	65.04	60.52	69.57
GENDER				
Female	1984	61.90	59.06	64.74
Male	1188	60.71	57.12	64.30
RACE				
Black	232	51.59	43.02	60.15
Other	151	45.33	35.04	55.62
White	2750	62.83	60.44	65.21
EDUCATION				
<HS	390	52.73	46.69	58.76
HS	1212	56.73	52.99	60.47
>HS	1568	66.15	63.01	69.29
INCOME				
<$15,000	359	51.30	44.99	57.61
$15-24,999	576	53.70	48.42	58.97
$25-24,999	438	60.04	54.18	65.90
$35-49,999	471	65.29	59.57	71.00
$50-74,999	408	58.94	52.69	65.19
$75,000+	469	70.08	64.57	75.59

Definition: Age 50 and older, “Yes” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Never Had A Sigmoidoscopy Or Colonoscopy

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3172	38.65	36.40	40.89
REGION				
Central	369	40.33	34.71	45.95
Kansas City	560	33.50	28.96	38.05
Northeast	389	44.10	38.56	49.65
Northwest	366	46.17	40.36	51.98
Southeast	361	44.25	38.44	50.06
Southwest	377	45.04	39.28	50.81
St. Louis	750	34.96	30.43	39.48
GENDER				
Female	1984	38.10	35.26	40.94
Male	1188	39.29	35.70	42.88
RACE				
Black	232	48.41	39.85	56.98
Other	151	54.67	44.38	64.96
White	2750	37.17	34.79	39.56
EDUCATION				
<HS	390	47.27	41.24	53.31
HS	1212	43.27	39.53	47.01
>HS	1568	33.85	30.71	36.99
INCOME				
<$15,000	359	48.70	42.39	55.01
$15-24,999	576	46.30	41.03	51.58
$25-24,999	438	39.96	34.10	45.82
$35-49,999	471	34.71	29.00	40.43
$50-74,999	408	41.06	34.81	47.31
$75,000+	469	29.92	24.41	35.43

Definition: Age 50 and older, “No” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Most Recent Exam A Sigmoidoscopy

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.3.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1867	5.24	4.08	6.41
REGION				
Central	216	5.19	1.95	8.43
Kansas City	367	4.93	2.76	7.09
Northeast	213	5.04	1.49	8.59
Northwest	189	4.53	1.08	7.98
Southeast	191	6.04	2.53	9.55
Southwest	208	7.66	4.11	11.21
St. Louis	483	4.46	2.36	6.56
GENDER				
Female	1197	5.44	3.92	6.95
Male	670	5.01	3.20	6.81
RACE				
Black	118	6.00	-0.01	12.01
Other	76	8.62	-2.14	19.38
White	1650	5.05	3.89	6.20
EDUCATION				
<HS	175	4.25	1.34	7.17
HS	686	4.65	3.00	6.29
>HS	1006	5.72	4.02	7.42
INCOME				
<$15,000	165	5.18	2.26	8.10
$15-24,999	318	8.42	4.54	12.30
$25-24,999	254	6.38	2.79	9.96
$35-49,999	310	3.00	0.67	5.34
$50-74,999	241	5.34	2.02	8.65
$75,000+	321	3.32	1.58	5.06

Definition: Age 50 and older, “Yes” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?” AND “Sigmoidoscopy” to “Was your most recent exam a sigmoidoscopy or a colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Most Recent Exam A Colonoscopy

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.3.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1867	94.76	93.59	95.92
REGION				
Central	216	94.81	91.57	98.05
Kansas City	367	95.07	92.91	97.24
Northeast	213	94.96	91.41	98.51
Northwest	189	95.47	92.02	98.92
Southeast	191	93.96	90.45	97.47
Southwest	208	92.34	88.79	95.89
St. Louis	483	95.54	93.44	97.64
GENDER				
Female	1197	94.56	93.05	96.08
Male	670	94.99	93.19	96.80
RACE				
Black	118	94.00	87.99	100.01
Other	76	91.38	80.62	102.14
White	1650	94.95	93.80	96.11
EDUCATION				
<HS	175	95.75	92.83	98.66
HS	686	95.35	93.71	97.00
>HS	1006	94.28	92.58	95.98
INCOME				
<$15,000	165	94.82	91.90	97.74
$15-24,999	318	91.58	87.70	95.46
$25-24,999	254	93.62	90.04	97.21
$35-49,999	310	97.00	94.66	99.33
$50-74,999	241	94.66	91.35	97.98
$75,000+	321	96.68	94.94	98.42

Definition: Age 50 and older, “Yes” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?” AND “Colonoscopy” to “Was your most recent exam a sigmoidoscopy or a colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Had Sigmoidoscopy Within The Past Five Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.4.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3172	61.35	59.11	63.60
REGION				
Central	369	59.67	54.05	65.29
Kansas City	560	66.50	61.95	71.04
Northeast	389	55.90	50.35	61.44
Northwest	366	53.83	48.02	59.64
Southeast	361	55.75	49.94	61.56
Southwest	377	54.96	49.19	60.72
St. Louis	750	65.04	60.52	69.57
GENDER				
Female	1984	61.90	59.06	64.74
Male	1188	60.71	57.12	64.30
RACE				
Black	232	51.59	43.02	60.15
Other	151	45.33	35.04	55.62
White	2750	62.83	60.44	65.21
EDUCATION				
<HS	390	52.73	46.69	58.76
HS	1212	56.73	52.99	60.47
>HS	1568	66.15	63.01	69.29
INCOME				
<$15,000	359	51.30	44.99	57.61
$15-24,999	576	53.70	48.42	58.97
$25-24,999	438	60.04	54.18	65.90
$35-49,999	471	65.29	59.57	71.00
$50-74,999	408	58.94	52.69	65.19
$75,000+	469	70.08	64.57	75.59

Definition: Age 50 and older, “Yes” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?” AND “Sigmoidoscopy” to “Was your most recent exam a sigmoidoscopy or a colonoscopy?” AND “Within the past 5 years” to “How long has it been since you had your last sigmoidoscopy or colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 22 - Colorectal Cancer Screening
Age 50 and older: Had Colonoscopy Within The Past Ten Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.4.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3172	61.35	59.11	63.60
REGION				
Central	369	59.67	54.05	65.29
Kansas City	560	66.50	61.95	71.04
Northeast	389	55.90	50.35	61.44
Northwest	366	53.83	48.02	59.64
Southeast	361	55.75	49.94	61.56
Southwest	377	54.96	49.19	60.72
St. Louis	750	65.04	60.52	69.57
GENDER				
Female	1984	61.90	59.06	64.74
Male	1188	60.71	57.12	64.30
RACE				
Black	232	51.59	43.02	60.15
Other	151	45.33	35.04	55.62
White	2750	62.83	60.44	65.21
EDUCATION				
<HS	390	52.73	46.69	58.76
HS	1212	56.73	52.99	60.47
>HS	1568	66.15	63.01	69.29
INCOME				
<$15,000	359	51.30	44.99	57.61
$15-24,999	576	53.70	48.42	58.97
$25-24,999	438	60.04	54.18	65.90
$35-49,999	471	65.29	59.57	71.00
$50-74,999	408	58.94	52.69	65.19
$75,000+	469	70.08	64.57	75.59

Definition: Age 50 and older, “Yes” response to question, “Have you ever had a sigmoidoscopy or colonoscopy?” AND “Colonoscopy” to “Was your most recent exam a sigmoidoscopy or a colonoscopy?” AND “Within the past 10 years” to “How long has it been since you had your last sigmoidoscopy or colonoscopy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 23 – Adult Asthma Prevalence
Ever Been Told By A Doctor Had Asthma

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	13.56	12.16	14.97	13.65	12.18	15.11
REGION							
Central	594	11.71	8.39	15.03	11.71	8.42	15.01
Kansas City	914	15.89	12.80	18.99	16.02	12.79	19.24
Northeast	600	13.97	10.43	17.51	14.18	10.19	18.18
Northwest	593	14.40	9.65	19.15	14.17	9.66	18.68
Southeast	597	15.15	11.40	18.90	16.96	12.62	21.31
Southwest	594	16.53	12.44	20.61	16.42	12.25	20.60
St. Louis	1257	11.08	8.44	13.72	11.08	8.36	13.79
GENDER							
Female	3209	14.43	12.49	16.37	14.82	12.68	16.97
Male	1940	12.63	10.61	14.65	12.66	10.62	14.69
RACE							
Black	448	13.02	8.94	17.10	12.64	8.90	16.38
Other	282	20.20	13.67	26.73	20.04	14.03	26.04
White	4374	13.20	11.67	14.73	13.34	11.70	14.97
EDUCATION							
<HS	555	21.11	15.90	26.31	21.47	16.10	26.84
HS	1867	14.46	11.74	17.17	14.76	12.00	17.52
>HS	2722	11.70	10.06	13.34	11.65	9.90	13.40
INCOME							
<$15,000	529	21.85	17.09	26.61	22.37	17.19	27.55
$15-24,999	865	15.93	12.34	19.52	15.43	11.98	18.89
$25-24,999	668	13.52	10.01	17.02	14.33	10.37	18.30
$35-49,999	803	16.92	12.89	20.94	16.89	12.67	21.11
$50-74,999	736	10.17	7.31	13.03	10.18	7.33	13.03
$75,000+	907	9.93	7.31	12.55	10.76	7.38	14.14

Definition: “Yes” response to the question, “Have you ever been told by a doctor or other health professional you have asthma.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 23 – Adult Asthma Prevalence
Currently Has Asthma

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5135	8.45	7.33	9.57	8.39	7.23	9.54
REGION							
Central	591	4.95	3.22	6.69	4.99	3.24	6.74
Kansas City	911	9.61	7.19	12.04	9.61	7.12	12.09
Northeast	598	10.71	7.59	13.82	10.71	7.23	14.18
Northwest	593	10.74	6.36	15.13	10.71	6.54	14.88
Southeast	596	8.81	6.16	11.45	8.84	5.90	11.77
Southwest	591	9.90	7.01	12.80	9.61	6.78	12.44
St. Louis	1255	7.72	5.39	10.04	7.65	5.28	10.02
GENDER							
Female	3200	10.04	8.34	11.74	10.27	8.38	12.17
Male	1935	6.74	5.34	8.14	6.70	5.33	8.07
RACE							
Black	447	9.32	5.80	12.83	9.16	5.87	12.45
Other	280	13.62	8.57	18.66	14.60	9.45	19.75
White	4363	8.06	6.84	9.28	7.97	6.69	9.26
EDUCATION							
<HS	553	14.16	10.31	18.00	15.48	10.93	20.03
HS	1861	9.45	7.19	11.71	9.41	7.19	11.63
>HS	2716	6.83	5.55	8.12	6.80	5.42	8.19
INCOME							
<$15,000	526	15.98	11.96	20.01	16.17	12.07	20.28
$15-24,999	860	12.77	9.57	15.97	11.96	9.04	14.88
$25-24,999	667	9.20	6.19	12.21	9.80	6.27	13.32
$35-49,999	803	8.45	5.87	11.02	7.93	5.51	10.34
$50-74,999	736	4.63	2.86	6.40	4.54	2.86	6.21
$75,000+	903	5.97	3.82	8.13	6.80	3.87	9.74

Definition: “Yes” response to the question, “Have you ever been told by a doctor or other health professional you have asthma?” AND “Yes” to “Do you still have asthma?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 24 – Childhood Asthma Prevalence
Children Age 17 or Younger Who Ever Had Asthma

Crude Prevalence With 95% Confidence Intervals (CI)

Table 24.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1348	14.40	11.81	16.99
REGION				
Central	153	8.31	3.57	13.06
Kansas City	231	16.32	10.78	21.85
Northeast	136	5.76	1.68	9.85
Northwest	165	10.41	5.20	15.62
Southeast	154	16.23	9.35	23.12
Southwest	149	8.17	3.05	13.28
St. Louis	360	18.71	13.16	24.26
GENDER				
Boy	676	16.82	12.91	20.73
Girl	665	11.95	8.53	15.36
RACE				
White	1098	12.51	9.84	15.18
Black	152	25.61	14.95	36.26
Other	86	18.70	8.72	28.68
INCOME				
<$15,000	95	28.59	16.57	40.61
$15-24,999	192	21.23	12.48	29.99
$25-24,999	150	13.28	6.38	20.18
$35-49,999	230	16.07	8.55	23.60
$50-74,999	240	11.39	5.68	17.10
$75,000+	348	8.68	4.89	12.47

*Household income reported by adult respondent.
Definition: Question asked of adult respondent about a randomly selected child under age of 18 in household, "Yes" response to "Has a doctor, nurse, or other health professional ever said the child has asthma?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 24 – Childhood Asthma Prevalence
Children Age 17 or Younger That Currently Have Asthma

Crude Prevalence With 95% Confidence Intervals (CI)

Table 24.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1348	10.11	7.83	12.38
REGION				
Central	153	5.46	1.65	9.26
Kansas City	231	10.48	5.83	15.12
Northeast	136	3.16	0.47	5.86
Northwest	165	8.30	3.59	13.01
Southeast	154	11.41	5.32	17.49
Southwest	149	5.30	0.75	9.84
St. Louis	360	13.96	8.99	18.92
GENDER				
Boy	676	11.98	8.43	15.52
Girl	665	8.20	5.39	11.00
RACE				
White	1098	8.45	6.18	10.71
Black	152	21.82	11.55	32.08
Other	86	10.55	2.75	18.35
INCOME				
<$15,000	95	20.75	10.09	31.41
$15-24,999	192	15.78	8.31	23.24
$25-24,999	150	7.97	2.54	13.40
$35-49,999	230	12.22	5.05	19.40
$50-74,999	240	7.80	2.70	12.90
$75,000+	348	5.47	2.55	8.38

*Household income reported by adult respondent.
Definition: Questions asked of adult respondent about a randomly selected child under age of 18 in household, “Yes” and “No” response to “Has a doctor, nurse, or other health professional ever said the child has asthma?” AND “Yes” response to “Does the child still have asthma?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 25 – Overweight and Obesity Prevalence
Adults That Are Overweight

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 25.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4995	36.45	34.47	38.42	36.19	34.20	38.19
REGION							
Central	584	35.56	30.31	40.81	36.08	31.07	41.09
Kansas City	894	37.79	33.69	41.90	37.48	33.31	41.65
Northeast	574	38.07	32.80	43.34	38.08	32.19	43.97
Northwest	566	36.64	30.62	42.66	36.96	30.91	43.01
Southeast	584	36.35	31.54	41.16	36.05	30.83	41.26
Southwest	571	31.64	26.73	36.55	31.09	26.32	35.85
St. Louis	1222	37.88	33.92	41.83	37.75	33.79	41.71
GENDER							
Female	3073	29.86	27.46	32.25	29.11	26.62	31.59
Male	1922	43.34	40.19	46.49	43.46	40.36	46.56
RACE							
Black	434	39.58	32.39	46.77	39.38	32.72	46.03
Other	272	35.10	26.93	43.26	34.26	26.85	41.67
White	4251	36.31	34.18	38.44	35.91	33.74	38.09
EDUCATION							
<HS	540	31.89	25.58	38.21	30.95	24.67	37.24
HS	1813	38.34	34.87	41.80	38.38	34.78	41.98
>HS	2637	36.14	33.55	38.72	35.36	32.82	37.91
INCOME							
<$15,000	516	32.16	26.19	38.13	30.51	24.10	36.92
$15-24,999	853	34.80	29.64	39.97	34.19	29.09	39.30
$25-24,999	662	38.74	33.15	44.34	38.21	32.38	44.03
$35-49,999	782	36.60	31.70	41.49	36.84	32.32	41.35
$50-74,999	717	35.90	31.13	40.67	35.41	30.50	40.32
$75,000+	893	39.81	35.63	43.99	38.73	34.48	42.98

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, 2008
Chapter 25 – Overweight and Obesity Prevalence
Adults That Are Obese

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 25.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4995	29.06	27.17	30.95	29.02	27.07	30.96
REGION							
Central	584	27.80	22.73	32.87	28.32	23.38	33.26
Kansas City	894	30.78	26.87	34.69	30.70	26.70	34.69
Northeast	574	26.46	21.87	31.05	25.37	20.92	29.82
Northwest	566	30.63	25.08	36.17	30.90	25.37	36.43
Southeast	584	33.54	28.94	38.14	33.35	28.50	38.20
Southwest	571	31.10	25.74	36.45	31.18	25.63	36.73
St. Louis	1222	26.62	22.97	30.27	26.22	22.49	29.96
GENDER							
Female	3073	29.09	26.62	31.57	29.46	26.80	32.12
Male	1922	29.03	26.16	31.90	28.78	25.94	31.61
RACE							
Black	434	35.89	29.22	42.56	36.88	30.50	43.26
Other	272	30.80	23.38	38.21	32.29	25.29	39.30
White	4251	28.28	26.23	30.34	28.20	26.05	30.35
EDUCATION							
<HS	540	29.23	23.14	35.32	33.88	27.43	40.32
HS	1813	28.14	24.99	31.30	28.58	25.32	31.84
>HS	2637	29.60	27.04	32.15	28.85	26.09	31.61
INCOME							
<$15,000	516	36.85	29.90	43.80	39.23	31.40	47.05
$15-24,999	853	28.46	23.79	33.12	31.21	26.42	36.00
$25-24,999	662	29.69	24.86	34.52	29.38	24.47	34.30
$35-49,999	782	29.82	24.87	34.77	29.21	24.32	34.10
$50-74,999	717	31.08	26.59	35.56	28.85	24.88	32.83
$75,000+	893	25.82	21.91	29.74	22.98	18.67	27.30

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, 2008
Chapter 26 - Cardiovascular Disease Prevalence
Ever Told By A Doctor Had A Heart Attack Or Myocardial Infarction

Crude And Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 26.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5129	5.32	4.62	6.02	4.99	4.35	5.64
REGION							
Central	593	4.76	3.06	6.46	4.75	3.08	6.42
Kansas City	912	3.39	2.35	4.43	3.40	2.41	4.39
Northeast	598	6.10	4.12	8.07	5.40	3.53	7.27
Northwest	589	6.18	4.00	8.37	5.94	3.79	8.08
Southeast	594	8.05	5.69	10.42	7.08	5.01	9.15
Southwest	593	6.51	4.46	8.57	5.96	4.19	7.74
St. Louis	1250	5.08	3.68	6.49	4.75	3.47	6.04
GENDER							
Female	3200	4.17	3.38	4.96	3.67	2.99	4.35
Male	1929	6.56	5.36	7.75	6.61	5.47	7.75
RACE							
Black	446	4.55	2.17	6.93	5.31	2.98	7.63
Other	277	6.51	2.59	10.42	7.38	3.14	11.62
White	4360	5.31	4.56	6.05	4.82	4.18	5.46
EDUCATION							
<HS	551	11.15	7.89	14.40	10.55	7.41	13.69
HS	1856	6.69	5.35	8.04	5.79	4.67	6.91
>HS	2717	3.45	2.67	4.22	3.64	2.85	4.43
INCOME							
<$15,000	521	11.79	7.89	15.68	10.13	6.63	13.64
$15-24,999	858	9.96	7.51	12.41	9.17	6.98	11.35
$25-24,999	667	7.88	5.58	10.18	6.20	4.43	7.97
$35-49,999	802	3.54	2.28	4.80	3.78	2.50	5.05
$50-74,999	735	2.49	1.30	3.69	2.90	1.57	4.24
$75,000+	909	2.62	1.33	3.92	2.91	1.56	4.27

Definition: “Yes” response to the question, “Have you ever been told by a doctor, nurse or other health professional that you had a heart attack, also called a myocardial infarction?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 26 - Cardiovascular Disease Prevalence
Ever Told By A Doctor Had Angina Or Coronary Heart Disease

Crude And Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 26.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5107	4.99	4.32	5.65	4.76	4.14	5.38
REGION							
Central	590	4.34	2.61	6.07	4.45	2.65	6.25
Kansas City	905	4.19	3.03	5.35	4.11	3.04	5.18
Northeast	589	5.89	4.00	7.77	5.25	3.45	7.05
Northwest	588	4.45	2.64	6.26	4.45	2.60	6.30
Southeast	591	6.49	4.54	8.43	5.70	4.05	7.34
Southwest	594	6.41	4.41	8.42	6.07	4.24	7.89
St. Louis	1250	4.56	3.26	5.86	4.46	3.23	5.68
GENDER							
Female	3186	3.62	2.94	4.30	3.25	2.65	3.85
Male	1921	6.45	5.27	7.63	6.68	5.55	7.81
RACE							
Black	443	3.90	2.15	5.65	4.64	2.74	6.54
Other	281	5.17	1.62	8.72	6.06	2.15	9.98
White	4340	5.10	4.38	5.83	4.71	4.08	5.34
EDUCATION							
<HS	545	8.99	6.27	11.71	8.69	6.06	11.32
HS	1848	4.95	3.81	6.09	4.37	3.40	5.35
>HS	2710	4.31	3.46	5.16	4.58	3.71	5.45
INCOME							
<$15,000	519	9.62	6.56	12.69	8.49	5.68	11.30
$15-24,999	856	6.52	4.64	8.40	5.39	3.94	6.84
$25-24,999	661	7.84	5.52	10.17	6.33	4.48	8.17
$35-49,999	802	4.11	2.72	5.50	4.21	2.86	5.57
$50-74,999	734	3.79	2.25	5.33	4.71	2.87	6.54
$75,000+	905	3.02	1.69	4.34	3.95	2.25	5.64

Definition: “Yes” response to the question, “Have you ever been told by a doctor, nurse or other health professional that you had angina or coronary heart disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 26 - Cardiovascular Disease Prevalence
Ever Told By A Doctor Had A Stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 26.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5149	3.45	2.91	3.98	3.28	2.78	3.78
REGION							
Central	596	2.82	1.63	4.01	2.84	1.65	4.04
Kansas City	915	2.70	1.75	3.65	2.75	1.81	3.69
Northeast	599	3.78	2.35	5.20	3.31	2.07	4.56
Northwest	592	4.55	2.75	6.35	4.46	2.61	6.30
Southeast	598	5.33	3.48	7.18	4.63	3.02	6.24
Southwest	593	4.63	2.84	6.42	4.24	2.65	5.83
St. Louis	1256	2.86	1.89	3.83	2.77	1.85	3.69
GENDER							
Female	3211	4.11	3.30	4.91	3.74	3.00	4.49
Male	1938	2.73	2.04	3.43	2.78	2.11	3.46
RACE							
Black	449	4.05	1.83	6.27	5.00	2.54	7.46
Other	282	3.95	1.49	6.41	4.14	1.89	6.38
White	4372	3.35	2.79	3.92	3.09	2.58	3.59
EDUCATION							
<HS	555	7.76	5.41	10.10	6.27	4.34	8.21
HS	1868	3.38	2.44	4.32	2.98	2.14	3.82
>HS	2721	2.71	2.05	3.37	2.90	2.21	3.58
INCOME							
<$15,000	528	8.24	5.67	10.82	6.84	4.63	9.04
$15-24,999	863	6.18	4.31	8.04	5.51	3.76	7.25
$25-24,999	668	3.83	2.33	5.32	2.99	1.79	4.19
$35-49,999	803	2.10	0.96	3.25	2.47	1.10	3.83
$50-74,999	736	1.59	0.59	2.59	1.99	0.74	3.24
$75,000+	909	1.40	0.60	2.21	2.01	0.88	3.15

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 27 – Pre-Diabetes
Among Those Not Diagnosed With Diabetes:
Had a Test For High Blood Sugar or Diabetes Within The Past 3 Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 27.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4439	55.80	53.58	58.03
REGION				
Central	520	52.53	46.40	58.66
Kansas City	786	56.10	51.53	60.67
Northeast	518	53.72	47.70	59.74
Northwest	513	53.46	47.02	59.90
Southeast	510	52.78	47.50	58.06
Southwest	507	55.08	49.23	60.94
St. Louis	1085	58.43	53.99	62.87
GENDER				
Female	2783	57.37	54.58	60.17
Male	1656	54.08	50.59	57.57
RACE				
Black	378	58.66	50.94	66.38
Other	232	55.42	46.43	64.41
White	3792	55.51	53.10	57.93
EDUCATION				
<HS	442	40.03	32.69	47.36
HS	1598	50.50	46.80	54.20
>HS	2395	61.54	58.66	64.42
INCOME				
<$15,000	424	54.34	46.77	61.91
$15-24,999	694	49.44	43.43	55.45
$25-24,999	576	49.91	43.96	55.86
$35-49,999	724	52.73	47.01	58.44
$50-74,999	653	59.24	53.86	64.63
$75,000+	826	64.36	59.96	68.76

Definition: “No” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Have you had a test for high blood sugar or diabetes within the past three years?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 27 – Pre-Diabetes
Among Those Not Diagnosed With Diabetes:
Told By A Doctor Or Other Health Professional Have Pre-Diabetes or Borderline Diabetes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 27.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4538	7.61	6.53	8.68
REGION				
Central	531	6.28	4.14	8.42
Kansas City	801	8.37	6.10	10.64
Northeast	529	5.52	3.38	7.67
Northwest	523	6.68	4.38	8.97
Southeast	515	8.73	6.03	11.44
Southwest	522	7.34	4.55	10.13
St. Louis	1117	7.83	5.57	10.09
GENDER				
Female	2842	8.51	6.99	10.03
Male	1696	6.61	5.09	8.12
RACE				
Black	379	5.76	3.48	8.03
Other	241	10.10	5.38	14.82
White	3880	7.62	6.43	8.82
EDUCATION				
<HS	453	7.47	4.40	10.53
HS	1635	7.64	5.89	9.40
>HS	2446	7.62	6.11	9.12
INCOME				
<$15,000	433	9.77	5.79	13.75
$15-24,999	701	9.38	6.49	12.28
$25-24,999	590	7.12	4.17	10.06
$35-49,999	731	8.39	5.16	11.63
$50-74,999	665	6.56	4.16	8.97
$75,000+	847	7.03	4.79	9.26

Definition: “No” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Have you ever been told by a doctor or other health professional that you have pre-diabetes or borderline diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Told By A Doctor Have Diabetes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 28.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5155	9.14	8.10	10.18	8.77	7.74	9.79
REGION							
Central	596	8.54	6.06	11.01	8.67	6.22	11.11
Kansas City	915	9.65	7.56	11.75	9.33	7.33	11.33
Northeast	600	7.99	5.82	10.16	7.14	5.13	9.16
Northwest	593	7.20	5.18	9.21	6.85	5.10	8.60
Southeast	598	10.65	8.11	13.20	9.64	7.27	12.01
Southwest	596	10.49	7.05	13.94	10.19	6.59	13.78
St. Louis	1257	8.44	6.50	10.38	8.09	6.19	10.00
GENDER							
Female	3213	8.02	6.92	9.11	7.32	6.33	8.32
Male	1942	10.35	8.55	12.14	10.36	8.57	12.14
RACE							
Black	447	8.48	5.88	11.08	10.36	7.55	13.17
Other	282	10.55	5.97	15.14	11.41	6.72	16.11
White	4380	9.06	7.92	10.20	8.53	7.40	9.66
EDUCATION							
<HS	557	13.41	9.57	17.26	12.96	9.13	16.79
HS	1868	10.17	8.18	12.16	9.35	7.45	11.25
>HS	2725	7.71	6.49	8.93	7.53	6.37	8.68
INCOME							
<$15,000	529	13.92	10.41	17.43	12.59	9.36	15.83
$15-24,999	866	12.80	10.26	15.35	12.43	9.96	14.90
$25-24,999	669	10.77	7.29	14.25	9.55	6.22	12.88
$35-49,999	803	7.29	4.99	9.60	7.30	5.06	9.55
$50-74,999	736	8.52	6.04	11.00	8.44	6.08	10.79
$75,000+	909	5.79	3.89	7.69	5.35	3.63	7.08

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Told By A Doctor Have Diabetes At Age 18-44

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.2.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	32.94	27.08	38.80
REGION				
Central	62	36.12	20.43	51.82
Kansas City	110	30.87	19.46	42.29
Northeast	67	19.36	6.82	31.91
Northwest	68	21.24	9.40	33.08
Southeast	79	33.81	21.33	46.30
Southwest	73	24.44	10.77	38.11
St. Louis	135	40.23	27.89	52.57
GENDER				
Female	352	35.25	27.99	42.52
Male	242	31.08	22.19	39.97
RACE				
Black	64	31.06	17.61	44.51
Other	--			
White	484	33.12	26.61	39.64
EDUCATION				
<HS	97	37.58	21.22	53.95
HS	224	25.83	16.66	35.01
>HS	272	37.36	29.16	45.57
INCOME				
<$15,000	89	40.77	27.21	54.32
$15-24,999	159	25.88	16.82	34.95
$25-24,999	78	33.13	14.30	51.96
$35-49,999	70	33.20	17.43	48.97
$50-74,999	70	49.87	34.37	65.37
$75,000+	62	34.70	17.65	51.74

--Number of responses less than 50 and not reported

Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND any age 18-44 to the question, “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Told By A Doctor Have Diabetes At Age 45-64

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	45.50	39.78	51.21
REGION				
Central	62	44.50	29.75	59.24
Kansas City	110	51.34	39.74	62.95
Northeast	67	52.20	38.01	66.38
Northwest	68	55.22	41.33	69.11
Southeast	79	44.42	32.53	56.32
Southwest	73	43.65	27.49	59.81
St. Louis	135	41.85	30.49	53.22
GENDER				
Female	352	44.39	37.45	51.32
Male	242	46.39	37.51	55.26
RACE				
Black	64	53.83	38.53	69.12
Other	--			
White	484	45.79	39.46	52.13
EDUCATION				
<HS	97	41.00	27.03	54.96
HS	224	43.44	33.46	53.42
>HS	272	48.77	40.65	56.90
INCOME				
<$15,000	89	37.88	25.10	50.66
$15-24,999	159	50.09	40.18	60.00
$25-24,999	78	41.52	25.08	57.97
$35-49,999	70	53.71	37.42	70.01
$50-74,999	70	40.25	25.79	54.70
$75,000+	62	53.93	36.83	71.03

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND any age 45-64 to the question, “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Told By A Doctor Have Diabetes At Age 65 or Older

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.2.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	15.78	12.37	19.18
REGION				
Central	62	14.56	5.33	23.80
Kansas City	110	11.99	6.43	17.54
Northeast	67	27.43	14.63	40.23
Northwest	68	22.44	12.11	32.77
Southeast	79	18.74	9.22	28.25
Southwest	73	18.64	8.24	29.04
St. Louis	135	13.90	7.46	20.35
GENDER				
Female	352	18.18	13.32	23.04
Male	242	13.84	9.24	18.45
RACE				
Black	64	11.48	1.45	21.52
Other	--			
White	484	16.15	12.40	19.91
EDUCATION				
<HS	97	21.07	11.01	31.13
HS	224	21.18	14.39	27.96
>HS	272	9.36	5.88	12.85
INCOME				
<$15,000	89	19.87	9.02	30.71
$15-24,999	159	22.85	14.91	30.80
$25-24,999	78	19.52	9.38	29.66
$35-49,999	70	8.74	1.82	15.67
$50-74,999	70	7.45	1.53	13.36
$75,000+	62	2.52	0.00	5.30

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND any age 65 or older to the question, “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Currently taking insulin for diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	619	32.78	27.26	38.29
REGION				
Central	65	33.64	18.87	48.41
Kansas City	115	35.87	25.06	46.68
Northeast	71	33.38	19.76	47.00
Northwest	70	25.33	11.78	38.88
Southeast	83	34.89	22.67	47.11
Southwest	74	21.69	9.87	33.50
St. Louis	141	36.49	24.61	48.38
GENDER				
Female	373	34.32	27.56	41.09
Male	246	31.49	23.10	39.87
RACE				
Black	70	47.71	33.30	62.13
Other	--			
White	500	32.32	26.12	38.51
EDUCATION				
<HS	105	43.82	28.63	59.01
HS	234	27.83	19.71	35.94
>HS	279	33.57	25.58	41.56
INCOME				
<$15,000	97	23.72	14.37	33.06
$15-24,999	165	39.77	30.13	49.42
$25-24,999	79	35.10	16.24	53.96
$35-49,999	72	35.52	19.26	51.77
$50-74,999	71	34.99	20.69	49.29
$75,000+	62	30.14	14.05	46.22

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Yes” to “Are you now taking insulin?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Blood Glucose Checked One or More Times Per Day, Other Than By a Health Professional

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	609	68.38	62.57	74.19
REGION				
Central	62	66.09	52.14	80.03
Kansas City	113	70.38	60.03	80.73
Northeast	70	62.23	48.73	75.73
Northwest	70	69.04	56.62	81.45
Southeast	82	73.79	63.49	84.08
Southwest	72	56.41	37.40	75.41
St. Louis	140	73.04	62.70	83.38
GENDER				
Female	367	76.96	71.13	82.79
Male	242	61.26	52.04	70.49
RACE				
Black	70	73.68	59.71	87.66
Other	40	67.86	47.10	88.63
White	491	68.40	61.86	74.94
EDUCATION				
<HS	102	71.02	58.68	83.36
HS	233	64.21	53.12	75.29
>HS	273	71.42	64.42	78.41
INCOME				
<$15,000	96	66.27	53.66	78.87
$15-24,999	161	75.56	66.82	84.31
$25-24,999	79	73.66	60.16	87.16
$35-49,999	72	71.85	58.45	85.25
$50-74,999	71	67.91	53.17	82.64
$75,000+	61	64.20	48.65	79.75

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “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?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Feet Checked For Sores or Irritations Daily, Other Than By a Health Professional

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.5	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	609	56.99	51.01	62.98
REGION				
Central	64	63.95	49.36	78.54
Kansas City	115	56.44	45.00	67.89
Northeast	69	50.54	36.70	64.37
Northwest	68	58.68	44.70	72.67
Southeast	80	64.46	52.35	76.57
Southwest	73	52.68	35.37	69.98
St. Louis	140	55.36	43.37	67.35
GENDER				
Female	369	61.13	54.16	68.11
Male	240	53.50	44.21	62.79
RACE				
Black	67	67.20	51.78	82.62
Other	--			
White	495	56.20	49.62	62.78
EDUCATION				
<HS	101	68.21	55.52	80.91
HS	232	57.44	46.73	68.15
>HS	275	52.98	44.66	61.30
INCOME				
<$15,000	96	69.77	57.66	81.87
$15-24,999	159	68.95	59.59	78.30
$25-24,999	79	67.60	52.86	82.33
$35-49,999	71	44.69	29.49	59.90
$50-74,999	70	48.25	32.86	63.64
$75,000+	62	48.23	31.45	65.00

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “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?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Not Seen A Doctor For Diabetes in Past 12 Months

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.6	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	596	13.21	8.14	18.28
REGION				
Central	62	11.46	2.71	20.21
Kansas City	110	13.50	4.62	22.39
Northeast	66	16.33	6.64	26.03
Northwest	68	13.89	2.84	24.93
Southeast	80	21.65	11.51	31.79
Southwest	72	24.99	2.96	47.02
St. Louis	138	4.12	0.00	7.51
GENDER				
Female	358	11.30	7.29	15.30
Male	238	14.80	6.24	23.37
RACE				
Black	68	6.57	0.00	12.52
Other	--			
White	482	12.51	6.79	18.24
EDUCATION				
<HS	95	9.67	2.93	16.40
HS	226	17.65	6.37	28.94
>HS	274	10.75	6.46	15.03
INCOME				
<$15,000	89	15.81	5.80	25.82
$15-24,999	157	16.84	8.37	25.31
$25-24,999	79	9.40	1.75	17.04
$35-49,999	70	8.47	2.50	14.44
$50-74,999	71	9.17	1.04	17.31
$75,000+	61	4.94	0.00	9.74

--Number of responses less than 50 and not reported

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had 0 "A One C" Tests Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.7.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	582	15.59	10.20	20.97
REGION				
Central	61	13.41	3.65	23.18
Kansas City	109	10.50	3.79	17.20
Northeast	66	14.18	4.47	23.89
Northwest	66	16.68	4.08	29.28
Southeast	76	18.13	8.39	27.86
Southwest	71	27.80	6.41	49.18
St. Louis	133	11.94	4.31	19.58
GENDER				
Female	354	13.94	9.27	18.61
Male	228	16.98	7.91	26.05
RACE				
Black	65	5.91	0.52	11.30
Other	--			
White	472	15.57	9.36	21.79
EDUCATION				
<HS	92	16.30	6.84	25.75
HS	224	23.55	11.95	35.14
>HS	265	8.42	4.19	12.65
INCOME				
<$15,000	88	25.09	13.41	36.77
$15-24,999	155	24.12	15.27	32.96
$25-24,999	76	11.29	0.00	24.92
$35-49,999	69	10.71	1.91	19.50
$50-74,999	68	7.34	0.00	14.81
$75,000+	61	1.08	0.00	3.22

--Number of responses less than 50 and not reported
Definition: "Yes" response to the question, "Have you ever been told by a doctor you have diabetes?" AND "None" AND "Never heard of" to "About how many times in the past 12 months has a doctor, nurse or other health professional checked you for 'A one C'?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had 1 "A One C" Test Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.7.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	582	16.56	11.88	21.23
REGION				
Central	61	17.58	5.60	29.56
Kansas City	109	22.06	11.22	32.90
Northeast	66	9.85	0.83	18.88
Northwest	66	17.66	7.99	27.33
Southeast	76	13.95	3.80	24.09
Southwest	71	9.80	0.29	19.31
St. Louis	133	18.08	8.08	28.07
GENDER				
Female	354	14.79	9.07	20.50
Male	228	18.06	10.94	25.17
RACE				
Black	65	13.96	4.71	23.21
Other	--			
White	472	16.45	11.27	21.64
EDUCATION				
<HS	92	8.34	1.14	15.54
HS	224	17.05	8.57	25.54
>HS	265	18.55	11.99	25.11
INCOME				
<$15,000	88	6.04	1.12	10.97
$15-24,999	155	11.90	4.30	19.51
$25-24,999	76	16.94	5.81	28.07
$35-49,999	69	16.95	3.38	30.51
$50-74,999	68	27.87	12.03	43.71
$75,000+	61	21.16	7.08	35.24

--Number of responses less than 50 and not reported

Definition: "Yes" response to the question, "Have you ever been told by a doctor you have diabetes?" AND "1" to "About how many times in the past 12 months has a doctor, nurse or other health professional checked you for 'A one C'?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Two or More "A One C" Tests Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.7.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	582	67.86	61.72	73.99
REGION				
Central	61	69.01	54.91	83.10
Kansas City	109	67.44	56.21	78.67
Northeast	66	75.97	63.61	88.33
Northwest	66	65.66	51.56	79.76
Southeast	76	67.93	55.58	80.28
Southwest	71	62.40	42.39	82.41
St. Louis	133	69.98	58.62	81.34
GENDER				
Female	354	71.27	64.69	77.86
Male	228	64.96	55.15	74.78
RACE				
Black	65	80.13	69.60	90.66
Other	--			
White	472	67.97	61.05	74.89
EDUCATION				
<HS	92	75.36	63.70	87.02
HS	224	59.40	48.11	70.69
>HS	265	73.03	65.76	80.30
INCOME				
<$15,000	88	68.87	56.66	81.07
$15-24,999	155	63.98	53.83	74.13
$25-24,999	76	71.77	55.80	87.74
$35-49,999	69	72.35	57.32	87.38
$50-74,999	68	64.79	48.99	80.58
$75,000+	61	77.76	63.66	91.85

--Number of responses less than 50 and not reported

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Feet Checked by Health Professional Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.8	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	602	70.31	64.49	76.13
REGION				
Central	63	70.80	56.94	84.66
Kansas City	113	67.00	55.78	78.21
Northeast	66	64.42	51.27	77.56
Northwest	69	73.09	61.07	85.10
Southeast	81	68.64	57.93	79.34
Southwest	72	61.43	41.18	81.69
St. Louis	138	77.87	68.66	87.07
GENDER				
Female	365	71.76	65.75	77.77
Male	237	69.09	59.66	78.52
RACE				
Black	67	73.42	60.13	86.70
Other	38	88.31	77.18	99.45
White	490	69.03	62.48	75.58
EDUCATION				
<HS	100	75.43	64.56	86.30
HS	230	64.82	53.65	75.99
>HS	271	73.69	66.80	80.58
INCOME				
<$15,000	94	66.56	54.43	78.70
$15-24,999	161	72.49	63.81	81.16
$25-24,999	77	66.57	50.52	82.61
$35-49,999	69	73.62	58.97	88.26
$50-74,999	70	76.78	64.07	89.48
$75,000+	62	73.82	59.89	87.74

Definition: “Yes” response to the question, “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 has a health professional checked your feet for any sores or irritations?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Dilated Eye Exam Within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.9.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	610	64.47	58.54	70.39
REGION				
Central	65	79.55	68.23	90.86
Kansas City	115	70.59	60.13	81.04
Northeast	69	65.57	52.46	78.69
Northwest	70	68.47	56.17	80.77
Southeast	82	64.04	51.84	76.23
Southwest	73	48.81	32.94	64.68
St. Louis	136	63.37	51.09	75.65
GENDER				
Female	367	66.44	59.70	73.17
Male	243	62.84	53.45	72.23
RACE				
Black	70	81.28	71.41	91.15
Other	--			
White	492	64.14	57.55	70.72
EDUCATION				
<HS	104	66.32	53.77	78.86
HS	230	58.86	47.78	69.93
>HS	275	68.13	60.13	76.13
INCOME				
<$15,000	94	49.35	36.42	62.27
$15-24,999	164	70.61	61.38	79.83
$25-24,999	77	63.25	46.53	79.96
$35-49,999	72	82.14	70.16	94.12
$50-74,999	71	66.60	51.31	81.88
$75,000+	61	51.92	34.69	69.15

--Number of responses less than 50 and not reported

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Dilated Eye Exam One Or More Years Ago

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.9.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	610	26.8	21.56	32.01
REGION				
Central	65	18.21	7.10	29.33
Kansas City	115	22.09	12.87	31.31
Northeast	69	29.18	16.57	41.80
Northwest	70	27.19	15.58	38.81
Southeast	82	30.22	18.74	41.70
Southwest	73	30.93	16.16	45.71
St. Louis	136	29.00	17.40	40.60
GENDER				
Female	367	28.92	22.37	35.47
Male	243	25.03	17.20	32.85
RACE				
Black	70	13.28	5.32	21.24
Other	40	19.49	4.82	34.17
White	492	28.68	22.71	34.65
EDUCATION				
<HS	104	24.12	13.55	34.68
HS	230	27.87	18.84	36.90
>HS	275	26.93	19.42	34.43
INCOME				
<$15,000	94	40.09	27.45	52.73
$15-24,999	164	22.70	14.67	30.73
$25-24,999	77	31.70	15.33	48.07
$35-49,999	72	17.56	5.59	29.53
$50-74,999	71	27.25	12.35	42.14
$75,000+	61	34.27	17.41	51.13

Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Within the past 2 years” or “2 or more years ago” to “When was the last time you had an eye exam in which the pupils were dilated?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Ever Told By A Doctor That Diabetes Had Affected Eyes or Had Retinopathy

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.10	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	614	15.79	11.95	19.63
REGION				
Central	64	15.99	6.29	25.68
Kansas City	114	11.62	6.16	17.08
Northeast	71	14.42	5.16	23.68
Northwest	70	22.27	10.45	34.09
Southeast	82	19.06	9.01	29.11
Southwest	74	13.14	4.81	21.46
St. Louis	139	18.08	9.17	26.99
GENDER				
Female	370	20.25	14.88	25.62
Male	244	12.07	6.77	17.37
RACE				
Black	69	23.37	10.28	36.47
Other	--			
White	496	13.74	10.10	17.39
EDUCATION				
<HS	104	20.23	11.53	28.94
HS	232	13.60	7.82	19.38
>HS	277	16.29	10.28	22.30
INCOME				
<$15,000	96	24.36	14.80	33.93
$15-24,999	164	17.89	11.16	24.61
$25-24,999	78	8.36	2.04	14.68
$35-49,999	71	19.92	9.05	30.79
$50-74,999	70	14.75	4.93	24.58
$75,000+	62	10.98	-2.65	24.62

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Yes” to “Has a doctor ever told you that diabetes has affected your eyes or that you had retinopathy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 28 – Diabetes
Had Ever Taken A Class On How To Manage Diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 28.11	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	616	57.52	51.58	63.46
REGION				
Central	64	59.55	44.73	74.38
Kansas City	115	69.46	59.23	79.70
Northeast	70	39.03	25.47	52.60
Northwest	70	53.57	39.61	67.53
Southeast	82	43.47	31.04	55.91
Southwest	74	57.39	38.59	76.19
St. Louis	141	56.89	45.02	68.76
GENDER				
Female	372	59.54	52.68	66.41
Male	244	55.83	46.54	65.12
RACE				
Black	70	76.31	63.81	88.81
Other	--			
White	497	58.82	52.19	65.45
EDUCATION				
<HS	104	44.89	29.72	60.06
HS	234	53.91	43.40	64.42
>HS	277	64.73	56.79	72.68
INCOME				
<$15,000	95	45.04	32.21	57.88
$15-24,999	164	59.22	49.59	68.84
$25-24,999	79	62.19	46.37	78.01
$35-49,999	72	64.81	49.73	79.89
$50-74,999	71	68.02	54.13	81.92
$75,000+	62	52.54	35.50	69.58

--Number of responses less than 50 and not reported
Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?” AND “Yes” to “Have you ever taken a course or class in how to manage your diabetes yourself?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
No Difficulty Recognizing a Friend Across the Street

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.1.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3954	83.21	81.73	84.70
REGION				
Central	473	81.46	77.44	85.47
Kansas City	683	82.57	79.33	85.81
Northeast	477	85.96	82.38	89.54
Northwest	466	84.02	80.02	88.02
Southeast	459	77.14	72.79	81.50
Southwest	464	82.03	78.15	85.92
St. Louis	932	85.89	83.06	88.72
GENDER				
Female	2491	80.14	78.14	82.13
Male	1463	86.76	84.55	88.97
RACE				
Black	312	73.00	66.33	79.67
Other	193	78.47	71.15	85.80
White	3408	84.25	82.70	85.81
EDUCATION				
<HS	439	70.75	64.99	76.52
HS	1486	83.70	81.28	86.12
>HS	2027	85.01	83.08	86.95
INCOME				
<$15,000	420	65.65	59.28	72.02
$15-24,999	682	78.52	74.67	82.37
$25-24,999	529	78.49	73.66	83.31
$35-49,999	601	85.96	82.64	89.29
$50-74,999	544	86.67	83.52	89.82
$75,000+	668	88.25	85.13	91.37

Definition: “No difficulty” response to the question, “How much difficulty, if any, do you have in recognizing a friend across the street? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to recognize a friend across the street because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
A Little Difficulty Recognizing a Friend Across the Street

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.1.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3954	11.06	9.83	12.29
REGION				
Central	473	12.94	9.33	16.55
Kansas City	683	13.02	10.16	15.88
Northeast	477	9.38	6.41	12.35
Northwest	466	11.78	8.17	15.40
Southeast	459	13.88	10.36	17.40
Southwest	464	11.02	7.94	14.09
St. Louis	932	8.77	6.48	11.06
GENDER				
Female	2491	13.19	11.49	14.89
Male	1463	8.61	6.84	10.38
RACE				
Black	312	14.79	10.09	19.50
Other	193	13.14	7.04	19.25
White	3408	10.65	9.34	11.97
EDUCATION				
<HS	439	15.00	10.66	19.33
HS	1486	10.57	8.55	12.60
>HS	2027	10.65	8.99	12.30
INCOME				
<$15,000	420	17.32	12.75	21.88
$15-24,999	682	12.26	9.08	15.45
$25-24,999	529	12.75	9.19	16.32
$35-49,999	601	10.86	7.91	13.80
$50-74,999	544	9.84	7.13	12.54
$75,000+	668	9.30	6.43	12.18

Definition: “A little difficulty” response to the question, “How much difficulty, if any, do you have in recognizing a friend across the street? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to recognize a friend across the street because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Moderate Difficulty Recognizing a Friend Across the Street

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.1.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3954	3.85	3.05	4.64
REGION				
Central	473	4.32	2.42	6.22
Kansas City	683	3.26	1.75	4.76
Northeast	477	2.78	1.23	4.34
Northwest	466	3.11	1.38	4.84
Southeast	459	4.98	2.55	7.41
Southwest	464	4.57	2.42	6.73
St. Louis	932	3.60	2.00	5.20
GENDER				
Female	2491	4.27	3.28	5.27
Male	1463	3.36	2.09	4.63
RACE				
Black	312	5.67	1.41	9.92
Other	193	6.21	2.00	10.42
White	3408	3.57	2.76	4.38
EDUCATION				
<HS	439	7.91	3.94	11.88
HS	1486	3.59	2.36	4.82
>HS	2027	3.35	2.35	4.35
INCOME				
<$15,000	420	11.61	6.02	17.21
$15-24,999	682	4.83	3.10	6.56
$25-24,999	529	6.03	2.62	9.43
$35-49,999	601	2.04	0.82	3.26
$50-74,999	544	3.08	1.41	4.75
$75,000+	668	1.84	0.75	2.92

Definition: “Moderate difficulty” response to the question, “How much difficulty, if any, do you have in recognizing a friend across the street? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to recognize a friend across the street because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Extreme Difficulty or Unable to Recognize a Friend Across the Street Due to Eyesight or Other Reasons

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.1.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3954	1.88	1.38	2.38
REGION				
Central	473	1.28	0.38	2.19
Kansas City	683	1.15	0.24	2.06
Northeast	477	1.88	0.29	3.47
Northwest	466	1.09	0.09	2.09
Southeast	459	4.00	2.06	5.93
Southwest	464	2.38	0.80	3.95
St. Louis	932	1.74	0.82	2.66
GENDER				
Female	2491	2.40	1.68	3.12
Male	1463	1.28	0.60	1.95
RACE	.	.	.	.
Black	312	6.53	2.87	10.20
Other	193	2.18	0.00	4.44
White	3408	1.53	1.05	2.00
EDUCATION				
<HS	439	6.34	3.23	9.44
HS	1486	2.14	1.28	3.00
>HS	2027	0.99	0.51	1.47
INCOME				
<$15,000	420	5.42	2.83	8.01
$15-24,999	682	4.39	2.48	6.29
$25-24,999	529	2.73	0.84	4.63
$35-49,999	601	1.14	0.00	2.33
$50-74,999	544	0.41	0.00	0.85
$75,000+	668	0.61	0.00	1.42

Definition: “Extreme difficulty” or “Unable to because of eyesight or unable to because of other reasons” response to the question, “How much difficulty, if any, do you have in recognizing a friend across the street? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to recognize a friend across the street because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
No Difficulty Reading Print

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.2.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3948	58.99	56.95	61.04
REGION				
Central	469	57.87	52.79	62.94
Kansas City	681	61.74	57.47	66.01
Northeast	476	61.74	56.64	66.84
Northwest	466	59.95	54.33	65.56
Southeast	459	52.70	47.48	57.92
Southwest	468	56.15	50.91	61.38
St. Louis	929	60.45	56.32	64.57
GENDER				
Female	2488	57.15	54.60	59.71
Male	1460	61.12	57.86	64.38
RACE				
Black	311	50.49	42.63	58.35
Other	194	57.92	48.76	67.08
White	3405	59.68	57.50	61.87
EDUCATION				
<HS	439	53.75	47.69	59.81
HS	1483	55.22	51.87	58.57
>HS	2024	62.26	59.43	65.08
INCOME				
<$15,000	420	48.38	42.08	54.69
$15-24,999	684	54.32	49.43	59.21
$25-24,999	527	53.89	48.31	59.47
$35-49,999	601	56.46	51.35	61.58
$50-74,999	544	60.89	55.54	66.24
$75,000+	667	65.27	60.57	69.97

Definition: “No difficulty” response to the question, “How much difficulty, if any, do you have in reading print in newspapers, magazines, recipes, menus, or numbers in the telephone book? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to do because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
A Little Difficulty Reading Print

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.2.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3948	21.69	20.02	23.37
REGION				
Central	469	21.31	17.10	25.52
Kansas City	681	21.91	18.40	25.43
Northeast	476	23.29	19.06	27.52
Northwest	466	24.47	19.14	29.79
Southeast	459	21.18	17.09	25.28
Southwest	468	23.36	18.76	27.96
St. Louis	929	20.61	17.30	23.93
GENDER				
Female	2488	23.23	21.08	25.37
Male	1460	19.92	17.29	22.55
RACE				
Black	311	23.36	16.86	29.86
Other	194	21.88	13.55	30.21
White	3405	21.68	19.89	23.46
EDUCATION				
<HS	439	19.87	15.56	24.18
HS	1483	21.57	18.94	24.20
>HS	2024	22.06	19.65	24.47
INCOME				
<$15,000	420	21.82	16.98	26.65
$15-24,999	684	20.89	17.00	24.78
$25-24,999	527	23.33	18.99	27.67
$35-49,999	601	25.11	20.74	29.49
$50-74,999	544	22.32	17.72	26.91
$75,000+	667	19.53	15.66	23.39

Definition: “A little difficulty” response to the question, “How much difficulty, if any, do you have in reading print in newspapers, magazines, recipes, menus, or numbers in the telephone book? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to do because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Moderate Difficulty Reading Print

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.2.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3948	13.90	12.43	15.37
REGION				
Central	469	15.30	11.38	19.21
Kansas City	681	10.69	8.17	13.21
Northeast	476	10.57	7.26	13.89
Northwest	466	10.69	7.42	13.96
Southeast	459	18.14	13.85	22.42
Southwest	468	15.85	12.10	19.60
St. Louis	929	13.91	10.86	16.96
GENDER				
Female	2488	13.31	11.51	15.11
Male	1460	14.58	12.19	16.98
RACE				
Black	311	14.19	9.11	19.27
Other	194	12.58	7.38	17.78
White	3405	13.89	12.29	15.49
EDUCATION				
<HS	439	11.82	8.18	15.46
HS	1483	15.90	13.37	18.43
>HS	2024	12.93	10.92	14.95
INCOME				
<$15,000	420	15.93	11.01	20.85
$15-24,999	684	14.67	11.23	18.12
$25-24,999	527	17.08	12.83	21.32
$35-49,999	601	13.12	9.52	16.72
$50-74,999	544	15.29	11.21	19.37
$75,000+	667	12.87	9.44	16.30

Definition: “Moderate difficulty” response to the question, “How much difficulty, if any, do you have in reading print in newspapers, magazines, recipes, menus, or numbers in the telephone book? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to do because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Extreme Difficulty Reading Print

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.2.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3948	3.78	2.99	4.57
REGION				
Central	469	3.75	1.91	5.59
Kansas City	681	4.91	2.73	7.09
Northeast	476	3.20	1.40	5.00
Northwest	466	3.86	1.63	6.10
Southeast	459	5.68	3.42	7.94
Southwest	468	2.46	0.97	3.95
St. Louis	929	3.28	1.76	4.79
GENDER				
Female	2488	4.60	3.43	5.76
Male	1460	2.83	1.80	3.87
RACE				
Black	311	6.37	2.92	9.83
Other	194	4.24	0.48	7.99
White	3405	3.52	2.69	4.35
EDUCATION				
<HS	439	8.56	4.99	12.13
HS	1483	5.50	3.75	7.25
>HS	2024	1.94	1.29	2.59
INCOME				
<$15,000	420	6.35	3.61	9.08
$15-24,999	684	7.50	4.50	10.50
$25-24,999	527	4.25	1.56	6.94
$35-49,999	601	4.07	2.00	6.14
$50-74,999	544	1.29	0.32	2.26
$75,000+	667	1.78	0.64	2.92

Definition: “Extreme difficulty” response to the question, “How much difficulty, if any, do you have in reading print in newspapers, magazines, recipes, menus, or numbers in the telephone book? Would you say, “No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to do because of eyesight or other reasons?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Unable to Read Print Due to Eyesight or Other Reasons

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.2.5	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3948	1.63	1.13	2.14
REGION				
Central	469	1.78	0.58	2.98
Kansas City	681	0.74	0.19	1.30
Northeast	476	1.20	0.23	2.17
Northwest	466	1.03	0.11	1.95
Southeast	459	2.30	0.92	3.68
Southwest	468	2.18	0.60	3.76
St. Louis	929	1.75	0.69	2.82
GENDER				
Female	2488	1.71	1.13	2.30
Male	1460	1.54	0.69	2.40
RACE				
Black	311	5.59	0.91	10.28
Other	194	3.38	0.31	6.45
White	3405	1.23	0.82	1.64
EDUCATION				
<HS	439	6.01	2.21	9.80
HS	1483	1.81	1.12	2.49
>HS	2024	0.81	0.35	1.27
INCOME				
<$15,000	420	7.52	3.14	11.91
$15-24,999	684	2.62	1.19	4.05
$25-24,999	527	1.45	0.00	2.96
$35-49,999	601	1.23	0.32	2.14
$50-74,999	544	0.21	0.00	0.47
$75,000+	667	0.56	0.00	1.36

Definition: "Unable to do because of eyesight or unable to do because of other reasons" response to the question, "How much difficulty, if any, do you have in reading print in newspapers, magazines, recipes, menus, or numbers in the telephone book? Would you say, "No difficulty, a little difficulty, moderate difficulty, extreme difficulty, or unable to do because of eyesight or other reasons?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Eyes Examined by a Doctor or Eye Care Provider within Past Month

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.3.1	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3932	11.50	10.25	12.75
REGION				
Central	469	11.02	8.19	13.85
Kansas City	678	11.52	8.85	14.19
Northeast	476	11.24	8.15	14.32
Northwest	464	9.88	6.91	12.85
Southeast	456	11.80	8.45	15.16
Southwest	463	12.77	9.28	16.26
St. Louis	926	11.25	8.77	13.73
GENDER				
Female	2480	12.54	10.93	14.15
Male	1452	10.29	8.34	12.25
RACE				
Black	311	12.62	6.78	18.45
Other	195	13.98	8.17	19.80
White	3386	11.16	9.85	12.47
EDUCATION				
<HS	440	12.59	8.46	16.71
HS	1477	10.82	8.90	12.74
>HS	2013	11.67	9.90	13.43
INCOME				
<$15,000	417	9.69	6.56	12.82
$15-24,999	680	9.33	6.88	11.77
$25-24,999	527	10.83	7.78	13.88
$35-49,999	597	12.70	9.27	16.12
$50-74,999	543	9.93	7.14	12.71
$75,000+	665	11.87	8.73	15.02

Definition: “Within the past month” response to the question, “When was the last time you had your eyes examined by any doctor or eye care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Eyes Examined by a Doctor or Eye Care Provider within Past Year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.3.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3932	45.41	43.34	47.49
REGION				
Central	469	44.57	39.44	49.71
Kansas City	678	44.50	40.05	48.96
Northeast	476	51.42	46.04	56.80
Northwest	464	45.91	40.44	51.39
Southeast	456	42.25	37.09	47.42
Southwest	463	37.91	32.91	42.90
St. Louis	926	49.39	45.17	53.62
GENDER				
Female	2480	47.51	44.92	50.09
Male	1452	42.99	39.66	46.33
RACE				
Black	311	42.57	34.88	50.27
Other	195	39.14	30.34	47.94
White	3386	46.00	43.77	48.23
EDUCATION				
<HS	440	40.02	34.18	45.87
HS	1477	42.59	39.24	45.93
>HS	2013	48.10	45.18	51.02
INCOME				
<$15,000	417	35.98	30.22	41.74
$15-24,999	680	45.36	40.50	50.21
$25-24,999	527	42.59	37.09	48.09
$35-49,999	597	45.12	39.94	50.29
$50-74,999	543	46.38	40.98	51.79
$75,000+	665	46.96	42.03	51.89

Definition: “Within the past year” response to the question, “When was the last time you had your eyes examined by any doctor or eye care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Eyes Examined by a Doctor or Eye Care Provider within Past One to Two Years

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.3.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3932	16.45	14.89	18.02
REGION				
Central	469	18.23	14.20	22.27
Kansas City	678	17.45	13.95	20.96
Northeast	476	13.79	10.16	17.41
Northwest	464	17.54	13.32	21.76
Southeast	456	16.36	12.44	20.27
Southwest	463	16.83	12.78	20.89
St. Louis	926	15.43	12.35	18.51
GENDER				
Female	2480	15.81	13.91	17.71
Male	1452	17.20	14.64	19.76
RACE				
Black	311	11.85	7.59	16.11
Other	195	17.99	10.66	25.31
White	3386	16.85	15.14	18.56
EDUCATION				
<HS	440	12.38	8.95	15.82
HS	1477	16.44	13.87	19.01
>HS	2013	17.16	14.93	19.38
INCOME				
<$15,000	417	14.81	10.41	19.22
$15-24,999	680	14.59	11.13	18.05
$25-24,999	527	14.04	10.29	17.80
$35-49,999	597	16.74	12.81	20.67
$50-74,999	543	18.33	13.96	22.71
$75,000+	665	19.27	15.49	23.04

Definition: “Within the past two years” response to the question, “When was the last time you had your eyes examined by any doctor or eye care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Eyes Examined by a Doctor or Eye Care Provider Two or More Years Ago

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.3.4	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3932	24.62	22.79	26.45
REGION				
Central	469	24.33	19.97	28.68
Kansas City	678	24.44	20.45	28.42
Northeast	476	22.55	18.09	27.02
Northwest	464	24.59	19.30	29.87
Southeast	456	26.94	22.21	31.68
Southwest	463	30.02	25.04	34.99
St. Louis	926	22.15	18.55	25.76
GENDER				
Female	2480	23.01	20.80	25.23
Male	1452	26.48	23.47	29.48
RACE				
Black	311	28.72	21.42	36.03
Other	195	28.23	19.34	37.13
White	3386	24.06	22.11	26.00
EDUCATION				
<HS	440	31.73	25.71	37.75
HS	1477	28.05	25.02	31.07
>HS	2013	21.33	18.85	23.81
INCOME				
<$15,000	417	37.02	30.58	43.47
$15-24,999	680	27.89	23.30	32.47
$25-24,999	527	28.76	23.39	34.13
$35-49,999	597	23.44	19.15	27.74
$50-74,999	543	24.05	19.21	28.89
$75,000+	665	20.20	16.23	24.16

Definition: “Two or more years ago” response to the question, “When was the last time you had your eyes examined by any doctor or eye care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Never Had Eyes Examined by a Doctor or Eye Care Provider

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.3.5	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3932	2.01	1.39	2.64
REGION				
Central	469	1.85	0.41	3.29
Kansas City	678	2.09	0.69	3.48
Northeast	476	1.01	0.00	2.05
Northwest	464	2.08	0.22	3.94
Southeast	456	2.64	0.65	4.63
Southwest	463	2.47	0.66	4.29
St. Louis	926	1.77	0.61	2.93
GENDER				
Female	2480	1.13	0.52	1.73
Male	1452	3.03	1.88	4.18
RACE				
Black	311	4.24	0.67	7.81
Other	195	0.65	0.00	1.93
White	3386	1.93	1.28	2.59
EDUCATION				
<HS	440	3.27	1.10	5.45
HS	1477	2.10	1.13	3.08
>HS	2013	1.75	0.88	2.62
INCOME				
<$15,000	417	2.49	0.22	4.77
$15-24,999	680	2.84	1.05	4.63
$25-24,999	527	3.78	1.05	6.50
$35-49,999	597	2.01	0.39	3.62
$50-74,999	543	1.30	0.00	2.63
$75,000+	665	1.71	0.48	2.93

Definition: “Never” response to the question, “When was the last time you had your eyes examined by any doctor or eye care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Did Not Visit Eye Care Professional in Past 12 Months Due to Cost or Insurance

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1631	24.27	21.57	26.97
REGION				
Central	203	21.44	15.47	27.41
Kansas City	281	23.01	17.45	28.56
Northeast	181	21.04	14.78	27.30
Northwest	193	21.34	14.55	28.14
Southeast	203	28.47	21.43	35.52
Southwest	216	26.93	20.12	33.73
St. Louis	354	24.05	18.26	29.84
GENDER				
Female	959	30.86	27.04	34.68
Male	672	17.71	13.97	21.45
RACE				
Black	140	31.11	20.00	42.23
Other	81	38.64	24.49	52.79
White	1397	22.94	20.09	25.78
EDUCATION				
<HS	203	40.57	31.08	50.06
HS	652	28.99	24.43	33.54
>HS	774	17.82	14.44	21.20
INCOME				
<$15,000	203	50.65	41.36	59.95
$15-24,999	293	39.77	32.42	47.13
$25-24,999	228	34.50	25.59	43.41
$35-49,999	246	15.92	10.48	21.36
$50-74,999	213	22.10	14.76	29.44
$75,000+	278	5.17	2.47	7.88

Definition: “Within past 2 years” or “2 or more years ago” or “Never” responses to “When was the last time you had your eyes examined by a doctor” AND “Cost/Insurance” response to the question, “What is the main reason you have not visited an eye care professional in the past 12 months?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Did Not Visit Eye Care Professional in Past 12 Months Because Have No Eye Doctor, Could Not Get There or Could Not Get An Appointment

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.4.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1618	2.45	1.65	3.26
REGION				
Central	202	3.54	0.99	6.09
Kansas City	277	2.11	0.42	3.80
Northeast	179	1.16	0.00	2.50
Northwest	191	2.66	0.07	5.24
Southeast	203	4.68	0.95	8.42
Southwest	216	2.30	0.47	4.14
St. Louis	350	1.73	0.43	3.02
GENDER				
Female	947	2.83	1.75	3.90
Male	671	2.09	0.88	3.29
RACE				
Black	136	3.50	0.52	6.47
Other	81	0.84	0.00	2.50
White	1388	2.44	1.55	3.32
EDUCATION				
<HS	202	3.37	0.92	5.82
HS	648	2.39	1.12	3.67
>HS	767	2.32	1.17	3.48
INCOME				
<$15,000	202	5.18	1.55	8.82
$15-24,999	293	1.64	0.38	2.90
$25-24,999	227	1.37	0.00	2.83
$35-49,999	243	2.29	0.22	4.37
$50-74,999	212	2.95	0.47	5.43
$75,000+	277	2.25	0.44	4.05

Definition: “Within past 2 years” or “2 or more years ago” or “Never” responses to “When was the last time you had your eyes examined by a doctor” AND “Do not have/know an eye doctor” or “Cannot get to the office/clinic (too far, no transportation), or “Could not get an appointment” response to the question, “What is the main reason you have not visited an eye care professional in the past 12 months?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Did Not Visit Eye Care Professional in Past 12 Months Because Had No Problem or Did Not Think To

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1631	57.38	54.22	60.54
REGION				
Central	203	63.31	56.00	70.61
Kansas City	281	58.15	51.31	64.99
Northeast	181	58.56	50.16	66.96
Northwest	193	59.52	51.00	68.04
Southeast	203	49.70	41.72	57.69
Southwest	216	53.92	46.07	61.77
St. Louis	354	58.67	51.98	65.35
GENDER				
Female	959	50.04	45.94	54.15
Male	672	64.69	59.90	69.48
RACE				
Black	140	51.61	39.97	63.25
Other	81	55.39	40.92	69.86
White	1397	58.21	54.81	61.61
EDUCATION				
<HS	203	43.49	34.58	52.39
HS	652	54.02	49.05	58.99
>HS	774	62.47	57.94	66.99
INCOME				
<$15,000	203	31.75	23.99	39.51
$15-24,999	293	47.42	39.86	54.98
$25-24,999	228	54.89	46.00	63.78
$35-49,999	246	57.93	49.97	65.89
$50-74,999	213	59.57	50.94	68.20
$75,000+	278	71.70	65.07	78.33

Definition: “Within past 2 years” or “2 or more years ago” or “Never” responses to “When was the last time you had your eyes examined by a doctor” AND “No reason to go (no problem)” or “Have not thought about it” response to the question, “What is the main reason you have not visited an eye care professional in the past 12 months?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Did Not Visit Eye Care Professional in Past 12 Months Because of Other Reason

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.4.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1631	15.86	13.39	18.32
REGION				
Central	203	11.76	6.27	17.25
Kansas City	281	16.75	11.47	22.04
Northeast	181	19.25	11.87	26.64
Northwest	193	16.50	10.83	22.18
Southeast	203	17.14	10.82	23.47
Southwest	216	16.85	10.03	23.67
St. Louis	354	15.40	10.40	20.40
GENDER				
Female	959	16.20	13.12	19.28
Male	672	15.52	11.68	19.37
RACE				
Black	140	13.81	6.70	20.93
Other	81	5.13	1.09	9.17
White	1397	16.37	13.65	19.09
EDUCATION				
<HS	203	12.58	6.70	18.47
HS	652	14.61	10.96	18.25
>HS	774	17.31	13.59	21.04
INCOME				
<$15,000	203	12.43	6.04	18.82
$15-24,999	293	11.17	6.66	15.67
$25-24,999	228	9.24	5.29	13.19
$35-49,999	246	23.53	15.95	31.11
$50-74,999	213	15.38	8.83	21.93
$75,000+	278	20.89	14.70	27.07

Definition: “Within past 2 years” or “2 or more years ago” or “Never” responses to “When was the last time you had your eyes examined by a doctor” AND “Other reason” response to the question, “What is the main reason you have not visited an eye care professional in the past 12 months?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Has Health Insurance Coverage for Eye Care

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.5	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3862	55.99	53.96	58.01
REGION				
Central	462	45.31	40.15	50.47
Kansas City	670	60.10	55.60	64.59
Northeast	468	43.87	38.43	49.30
Northwest	455	49.07	43.46	54.69
Southeast	448	41.15	35.93	46.38
Southwest	453	45.46	40.09	50.82
St. Louis	906	68.30	64.45	72.15
GENDER				
Female	2434	55.26	52.71	57.81
Male	1428	56.83	53.55	60.11
RACE				
Black	304	63.92	56.30	71.54
Other	187	50.58	41.17	59.98
White	3335	55.62	53.44	57.80
EDUCATION				
<HS	419	45.28	39.14	51.42
HS	1455	50.69	47.31	54.06
>HS	1986	60.96	58.20	63.71
INCOME				
<$15,000	406	32.36	26.90	37.82
$15-24,999	666	43.26	38.42	48.10
$25-24,999	516	41.18	35.72	46.65
$35-49,999	590	59.20	54.21	64.20
$50-74,999	541	66.22	61.29	71.15
$75,000+	662	69.03	64.76	73.31

Definition: “Yes” response to question, “Do you have any kind of health insurance coverage for eye care?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Has Cataracts

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.6.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3971	13.62	12.38	14.86
REGION				
Central	474	13.79	10.33	17.24
Kansas City	689	13.43	10.98	15.88
Northeast	479	13.07	9.95	16.18
Northwest	469	12.55	9.47	15.64
Southeast	458	11.67	8.48	14.86
Southwest	468	17.13	13.48	20.77
St. Louis	934	12.94	10.55	15.32
GENDER				
Female	2506	16.05	14.33	17.76
Male	1465	10.81	9.02	12.59
RACE				
Black	314	17.02	11.30	22.73
Other	195	15.33	9.37	21.28
White	3420	13.26	11.96	14.55
EDUCATION				
<HS	438	19.82	15.57	24.08
HS	1488	14.66	12.53	16.78
>HS	2041	11.92	10.29	13.55
INCOME				
<$15,000	420	18.72	14.41	23.03
$15-24,999	684	17.87	14.47	21.28
$25-24,999	531	21.17	16.91	25.43
$35-49,999	602	11.24	8.38	14.11
$50-74,999	548	11.69	8.30	15.07
$75,000+	668	6.33	4.50	8.15

Definition: “Yes” response to the question, “Have you been told by an eye doctor or other health care professional that you NOW have cataracts?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Had Cataracts, But Were Removed

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.6.2	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3942	11.32	10.21	12.43
REGION				
Central	472	11.47	8.55	14.40
Kansas City	679	10.88	8.54	13.22
Northeast	475	15.79	11.61	19.97
Northwest	465	13.70	10.12	17.28
Southeast	457	15.69	12.13	19.26
Southwest	467	12.61	9.57	15.65
St. Louis	927	8.88	6.85	10.90
GENDER				
Female	2482	13.70	12.11	15.30
Male	1460	8.56	7.05	10.07
RACE				
Black	307	5.56	2.42	8.70
Other	193	13.60	8.19	19.01
White	3401	11.50	10.30	12.69
EDUCATION				
<HS	437	23.12	18.17	28.07
HS	1480	11.89	10.03	13.74
>HS	2023	9.05	7.68	10.43
INCOME				
<$15,000	418	16.73	12.60	20.86
$15-24,999	683	20.58	16.88	24.29
$25-24,999	528	14.39	10.76	18.02
$35-49,999	598	9.14	6.54	11.74
$50-74,999	545	4.84	3.01	6.67
$75,000+	666	4.28	2.69	5.86

Definition: “Yes, but had them removed” response to the question, “Have you been told by an eye doctor or other health care professional that you NOW have cataracts?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Does Not Have Cataracts

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.6.3	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3942	75.01	73.40	76.61
REGION				
Central	472	74.74	70.49	79.00
Kansas City	679	75.61	72.30	78.92
Northeast	475	71.00	66.18	75.82
Northwest	465	73.64	69.16	78.13
Southeast	457	72.62	68.14	77.09
Southwest	467	70.23	65.77	74.68
St. Louis	927	78.14	75.10	81.18
GENDER				
Female	2482	70.14	67.94	72.35
Male	1460	80.63	78.35	82.91
RACE				
Black	307	77.22	70.87	83.56
Other	193	71.30	63.64	78.96
White	3401	75.20	73.49	76.90
EDUCATION				
<HS	437	57.04	51.15	62.94
HS	1480	73.41	70.71	76.12
>HS	2023	78.99	76.91	81.06
INCOME				
<$15,000	418	64.52	58.92	70.12
$15-24,999	683	61.53	56.94	66.12
$25-24,999	528	64.48	59.33	69.64
$35-49,999	598	79.57	75.83	83.31
$50-74,999	545	83.44	79.68	87.20
$75,000+	666	89.44	87.05	91.84

Definition: “No” response to the question, “Have you been told by an eye doctor or other health care professional that you NOW have cataracts?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Ever Been Told Had Glaucoma

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.7	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3937	3.96	3.22	4.70
REGION				
Central	472	3.84	1.90	5.78
Kansas City	673	3.65	1.81	5.48
Northeast	473	3.35	1.79	4.91
Northwest	464	2.81	1.38	4.23
Southeast	458	3.88	2.05	5.71
Southwest	468	4.61	2.54	6.68
St. Louis	929	4.12	2.77	5.47
GENDER				
Female	2480	4.77	3.75	5.80
Male	1457	3.02	1.97	4.07
RACE				
Black	306	6.96	3.87	10.05
Other	194	3.51	1.02	6.01
White	3396	3.77	2.98	4.56
EDUCATION				
<HS	437	6.98	4.29	9.66
HS	1479	3.85	2.64	5.07
>HS	2019	3.54	2.56	4.52
INCOME				
<$15,000	416	8.40	5.17	11.63
$15-24,999	683	6.44	3.97	8.91
$25-24,999	526	4.79	2.59	6.98
$35-49,999	599	3.86	1.48	6.24
$50-74,999	545	2.60	1.16	4.04
$75,000+	665	0.60	0.10	1.10

Definition: “Yes” response to the question, “Have you ever been told by an eye doctor or other health care professional that you had glaucoma?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 29 - Visual Impairment
Ever Been Told Had Age-Related Macular Degeneration

Crude Prevalence With 95% Confidence Intervals (CI)

Table 29.8	N	Crude Prevalence %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3913	3.93	3.27	4.60
REGION				
Central	469	3.33	1.69	4.98
Kansas City	675	5.02	3.26	6.79
Northeast	472	6.36	3.90	8.81
Northwest	460	4.18	2.33	6.02
Southeast	451	4.92	2.89	6.94
Southwest	464	4.31	2.33	6.30
St. Louis	922	2.79	1.72	3.86
GENDER				
Female	2467	4.22	3.39	5.05
Male	1446	3.60	2.53	4.68
RACE				
Black	304	3.54	1.00	6.08
Other	190	3.95	0.42	7.49
White	3379	3.95	3.25	4.66
EDUCATION				
<HS	431	8.72	5.46	11.98
HS	1469	4.63	3.42	5.84
>HS	2011	2.74	1.99	3.48
INCOME				
<$15,000	412	8.18	5.19	11.17
$15-24,999	674	6.41	4.37	8.46
$25-24,999	523	7.17	4.38	9.96
$35-49,999	600	2.81	1.50	4.13
$50-74,999	543	2.29	0.80	3.77
$75,000+	661	1.19	0.29	2.09

Definition: “Yes” response to the question, “Have you ever been told by an eye doctor or other health care professional that you had age-related macular degeneration?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Pain Made It Hard To Do Usual Activities 0 of the Past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4914	73.85	72.05	75.64	74.16	72.34	75.99
REGION							
Central	575	73.18	67.90	78.45	73.39	68.40	78.38
Kansas City	872	74.91	71.10	78.73	75.07	71.14	79.00
Northeast	566	72.29	67.04	77.53	72.30	66.76	77.84
Northwest	575	71.67	66.06	77.28	72.33	67.02	77.64
Southeast	562	65.79	60.94	70.64	64.20	58.77	69.64
Southwest	562	74.57	70.25	78.88	75.48	71.52	79.44
St. Louis	1202	75.79	72.32	79.26	76.34	72.87	79.81
GENDER							
Female	3077	73.72	71.52	75.92	74.13	71.86	76.41
Male	1837	73.99	71.10	76.87	74.24	71.39	77.09
RACE							
Black	424	75.02	69.26	80.77	74.61	69.29	79.94
Other	261	71.47	63.52	79.42	69.31	61.78	76.84
White	4189	73.90	71.95	75.85	74.34	72.33	76.34
EDUCATION							
<HS	512	59.00	51.57	66.42	56.59	49.67	63.51
HS	1770	72.41	69.25	75.57	72.26	69.03	75.50
>HS	2628	77.26	75.09	79.42	77.98	75.90	80.06
INCOME							
<$15,000	500	47.24	40.41	54.06	44.75	37.60	51.90
$15-24,999	821	68.89	64.00	73.78	66.28	61.33	71.23
$25-24,999	647	72.18	67.16	77.21	71.17	65.60	76.73
$35-49,999	776	71.67	66.51	76.83	72.56	67.34	77.79
$50-74,999	720	75.50	71.38	79.63	76.66	72.80	80.52
$75,000+	876	82.14	78.74	85.54	82.50	78.86	86.15

Definition: “0” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Pain Made It Hard To Do Usual Activities One to Seven of the Past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4914	12.82	11.43	14.20	12.69	11.28	14.10
REGION							
Central	575	16.23	11.30	21.15	15.75	11.37	20.14
Kansas City	872	12.41	9.30	15.52	12.31	9.17	15.46
Northeast	566	11.20	6.65	15.75	11.06	6.81	15.31
Northwest	575	13.53	8.52	18.54	13.01	8.54	17.48
Southeast	562	15.91	11.79	20.04	17.09	12.20	21.98
Southwest	562	11.85	8.65	15.04	11.45	8.37	14.52
St. Louis	1202	11.57	9.18	13.95	11.26	8.92	13.59
GENDER							
Female	3077	12.53	10.78	14.27	12.47	10.60	14.34
Male	1837	13.13	10.95	15.31	12.97	10.82	15.11
RACE							
Black	424	11.75	7.38	16.11	11.37	7.24	15.50
Other	261	12.02	5.99	18.04	12.27	7.18	17.36
White	4189	13.02	11.51	14.53	12.89	11.33	14.45
EDUCATION							
<HS	512	12.84	7.91	17.78	12.45	7.97	16.93
HS	1770	12.58	10.04	15.11	12.48	9.94	15.02
>HS	2628	12.95	11.22	14.69	12.59	10.88	14.31
INCOME							
<$15,000	500	15.72	9.35	22.08	17.42	11.41	23.43
$15-24,999	821	12.07	8.32	15.82	12.48	8.69	16.26
$25-24,999	647	14.86	10.37	19.34	15.63	10.58	20.69
$35-49,999	776	15.99	12.27	19.70	15.40	11.79	19.01
$50-74,999	720	15.59	12.05	19.13	14.89	11.53	18.24
$75,000+	876	9.82	7.37	12.28	9.73	7.00	12.45

Definition: "1, 2, 3, 4, 5, 6, or 7" response to the question, "During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Pain Made It Hard To Do Usual Activities Eight to Fourteen of the Past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4914	3.13	2.31	3.95	3.12	2.27	3.98
REGION							
Central	575	2.09	1.01	3.17	2.15	1.02	3.28
Kansas City	872	2.03	1.18	2.89	1.97	1.15	2.78
Northeast	566	4.63	2.52	6.75	4.65	2.46	6.85
Northwest	575	4.37	1.84	6.90	4.23	1.88	6.58
Southeast	562	4.15	2.25	6.06	4.18	2.24	6.11
Southwest	562	3.08	1.35	4.81	3.01	1.36	4.65
St. Louis	1202	3.49	1.48	5.49	3.40	1.42	5.38
GENDER							
Female	3077	3.28	2.50	4.06	3.27	2.48	4.06
Male	1837	2.96	1.47	4.46	2.91	1.48	4.35
RACE							
Black	424	3.03	1.29	4.78	3.01	1.38	4.65
Other	261	1.07	0.07	2.08	1.06	0.18	1.94
White	4189	3.29	2.35	4.23	3.29	2.29	4.28
EDUCATION							
<HS	512	6.93	0.61	13.26	6.73	1.92	11.55
HS	1770	3.83	2.64	5.02	3.89	2.69	5.09
>HS	2628	2.05	1.43	2.68	1.98	1.38	2.58
INCOME							
<$15,000	500	5.77	2.97	8.57	6.10	2.83	9.38
$15-24,999	821	3.63	2.03	5.23	4.07	2.21	5.94
$25-24,999	647	2.73	1.40	4.05	3.08	1.50	4.67
$35-49,999	776	4.69	0.68	8.71	4.66	0.73	8.60
$50-74,999	720	1.98	0.84	3.11	1.81	0.78	2.83
$75,000+	876	2.41	1.06	3.75	2.29	0.92	3.66

Definition: “8, 9, 10, 11, 12, 13, or 14” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Pain Made It Hard To Do Usual Activities Fifteen or More of the Past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4914	10.21	9.10	11.32	10.03	8.93	11.13
REGION							
Central	575	8.51	5.72	11.29	8.70	5.94	11.47
Kansas City	872	10.64	8.02	13.27	10.65	8.01	13.29
Northeast	566	11.89	8.79	14.98	11.98	8.39	15.57
Northwest	575	10.42	7.56	13.29	10.43	7.55	13.32
Southeast	562	14.14	10.93	17.36	14.53	10.66	18.40
Southwest	562	10.50	7.81	13.20	10.06	7.53	12.59
St. Louis	1202	9.16	7.02	11.30	9.00	6.86	11.14
GENDER							
Female	3077	10.47	9.12	11.82	10.13	8.79	11.47
Male	1837	9.92	8.12	11.72	9.88	8.12	11.64
RACE							
Black	424	10.20	6.38	14.02	11.00	7.14	14.87
Other	261	15.44	9.09	21.80	17.36	11.02	23.70
White	4189	9.79	8.63	10.96	9.49	8.34	10.64
EDUCATION							
<HS	512	21.23	16.40	26.06	24.23	19.12	29.33
HS	1770	11.18	9.17	13.20	11.37	9.24	13.49
>HS	2628	7.74	6.39	9.08	7.45	6.17	8.73
INCOME							
<$15,000	500	31.27	25.31	37.24	31.73	26.08	37.38
$15-24,999	821	15.41	11.94	18.89	17.17	13.28	21.05
$25-24,999	647	10.23	7.44	13.03	10.11	7.17	13.06
$35-49,999	776	7.65	5.13	10.16	7.37	4.91	9.82
$50-74,999	720	6.93	4.68	9.18	6.65	4.51	8.79
$75,000+	876	5.63	3.31	7.95	5.48	3.14	7.81

Definition: “15 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Three Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	24.23	20.55	27.91	25.47	21.32	29.63
REGION							
Central	151	22.83	13.13	32.53	23.32	13.96	32.68
Kansas City	224	27.67	20.47	34.88	26.46	19.51	33.41
Northeast	160	25.33	12.35	38.32	24.87	14.16	35.58
Northwest	163	34.94	21.38	48.49	31.15	23.14	39.16
Southeast	193	20.95	13.09	28.80	22.49	13.79	31.19
Southwest	168	17.00	10.23	23.77	25.92	16.58	35.27
St. Louis	313	25.64	17.35	33.93	18.10	12.60	23.60
GENDER							
Female	890	22.12	18.55	25.68	23.34	19.08	27.60
Male	482	26.54	20.02	33.06	27.21	21.11	33.32
RACE							
Black	122	30.54	18.66	42.42	34.24	23.83	44.65
Other	83	22.77	7.14	38.40	20.93	8.24	33.62
White	1159	23.68	19.67	27.69	24.94	20.15	29.73
EDUCATION							
<HS	207	27.92	13.73	42.12	24.54	16.10	32.97
HS	495	19.18	14.32	24.05	19.30	14.15	24.44
>HS	667	26.76	21.99	31.52	28.79	22.92	34.66
INCOME							
<$15,000	242	13.41	7.35	19.47	87.16	77.51	96.80
$15-24,999	268	20.55	13.28	27.82	76.91	67.32	86.51
$25-24,999	179	23.86	14.22	33.50	81.77	71.01	92.53
$35-49,999	207	26.37	13.99	38.74	76.88	66.98	86.79
$50-74,999	182	30.54	22.01	39.07	80.85	73.23	88.47
$75,000+	159	30.11	19.82	40.40	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 3 months” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Six Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	5.08	3.40	6.76	4.82	3.10	6.53
REGION							
Central	151	1.10	0.00	2.47	1.01	-0.22	2.25
Kansas City	224	3.72	0.66	6.79	3.67	0.49	6.85
Northeast	160	5.97	1.45	10.49	5.54	1.22	9.86
Northwest	163	6.39	0.42	12.36	6.51	1.17	11.85
Southeast	193	3.42	0.45	6.39	2.72	0.45	4.99
Southwest	168	6.40	1.37	11.44	4.54	0.94	8.14
St. Louis	313	7.03	3.13	10.94	6.33	2.65	10.01
GENDER							
Female	890	5.16	2.81	7.50	5.11	2.56	7.66
Male	482	5.00	2.60	7.39	4.43	2.31	6.55
RACE							
Black	122	2.42	0.02	4.82	1.58	0.01	3.14
Other	83	3.92	0.00	8.22	3.74	-0.16	7.65
White	1159	5.43	3.51	7.35	5.21	3.23	7.19
EDUCATION							
<HS	207	5.78	1.04	10.52	8.89	1.62	16.16
HS	495	4.13	1.80	6.45	3.83	1.48	6.17
>HS	667	5.57	2.99	8.15	4.66	2.41	6.91
INCOME							
<$15,000	242	4.58	0.62	8.55	87.16	77.51	96.80
$15-24,999	268	3.80	0.82	6.77	76.91	67.32	86.51
$25-24,999	179	3.10	0.25	5.95	81.77	71.01	92.53
$35-49,999	207	2.92	0.00	6.46	76.88	66.98	86.79
$50-74,999	182	4.31	0.95	7.68	80.85	73.23	88.47
$75,000+	159	10.83	4.17	17.48	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 6 months” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Twelve Months

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	7.16	4.95	9.37	7.19	4.58	9.79
REGION							
Central	151	3.74	0.87	6.60	3.86	0.87	6.86
Kansas City	224	7.33	0.10	14.57	8.42	1.41	15.43
Northeast	160	7.01	2.56	11.47	6.94	2.40	11.49
Northwest	163	2.99	0.29	5.68	3.82	0.41	7.22
Southeast	193	4.79	1.57	8.02	4.55	1.16	7.95
Southwest	168	6.19	1.80	10.58	5.87	1.97	9.76
St. Louis	313	10.24	5.58	14.91	8.65	4.50	12.80
GENDER							
Female	890	9.15	5.57	12.73	10.31	5.39	15.23
Male	482	4.98	2.59	7.37	4.69	2.37	7.02
RACE							
Black	122	13.72	4.39	23.06	11.66	4.64	18.68
Other	83	3.22	0.00	6.48	3.21	0.08	6.34
White	1159	6.90	4.48	9.32	6.79	3.84	9.74
EDUCATION							
<HS	207	5.28	2.23	8.34	4.13	1.90	6.35
HS	495	6.46	2.07	10.86	7.18	2.42	11.95
>HS	667	8.24	5.21	11.27	7.55	4.63	10.48
INCOME							
<$15,000	242	13.21	3.12	23.30	87.16	77.51	96.80
$15-24,999	268	6.40	1.32	11.49	76.91	67.32	86.51
$25-24,999	179	3.18	0.58	5.77	81.77	71.01	92.53
$35-49,999	207	7.83	3.44	12.22	76.88	66.98	86.79
$50-74,999	182	6.36	1.44	11.27	80.85	73.23	88.47
$75,000+	159	5.45	0.55	10.36	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 12 months” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Three Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	13.50	10.86	16.14	13.45	10.48	16.41
REGION							
Central	151	14.04	5.68	22.41	13.27	5.63	20.91
Kansas City	224	10.42	5.58	15.27	10.23	5.34	15.12
Northeast	160	12.28	5.97	18.59	13.62	5.28	21.96
Northwest	163	11.20	5.85	16.54	10.30	5.87	14.72
Southeast	193	14.59	8.21	20.97	14.81	7.55	22.06
Southwest	168	22.37	13.67	31.07	23.24	13.87	32.61
St. Louis	313	11.14	6.29	15.99	9.04	5.30	12.78
GENDER							
Female	890	13.71	10.43	16.99	14.09	9.69	18.48
Male	482	13.28	9.06	17.49	12.87	8.74	17.01
RACE							
Black	122	11.10	3.47	18.73	13.06	4.81	21.30
Other	83	20.74	5.55	35.93	22.75	9.92	35.57
White	1159	13.19	10.40	15.97	13.03	9.84	16.22
EDUCATION							
<HS	207	12.50	4.88	20.13	11.92	4.85	18.99
HS	495	17.89	12.84	22.94	18.18	12.72	23.64
>HS	667	10.73	7.58	13.87	9.86	6.90	12.81
INCOME							
<$15,000	242	14.08	7.58	20.57	87.16	77.51	96.80
$15-24,999	268	15.79	8.68	22.91	76.91	67.32	86.51
$25-24,999	179	26.63	15.93	37.33	81.77	71.01	92.53
$35-49,999	207	11.67	5.54	17.79	76.88	66.98	86.79
$50-74,999	182	12.61	6.79	18.42	80.85	73.23	88.47
$75,000+	159	6.04	1.56	10.51	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 3 years” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Five Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	13.63	10.67	16.59	14.44	10.96	17.92
REGION							
Central	151	22.24	8.74	35.74	19.55	10.57	28.52
Kansas City	224	14.11	7.08	21.15	15.00	7.59	22.40
Northeast	160	12.58	6.17	18.99	12.51	6.04	18.97
Northwest	163	17.08	9.16	25.01	23.25	15.04	31.45
Southeast	193	13.96	6.78	21.15	14.78	7.11	22.46
Southwest	168	8.10	3.93	12.27	7.79	3.46	12.13
St. Louis	313	12.17	7.38	16.95	10.69	6.49	14.89
GENDER							
Female	890	11.29	8.17	14.40	11.49	7.40	15.59
Male	482	16.20	11.06	21.34	17.00	11.61	22.39
RACE							
Black	122	8.00	3.28	12.73	8.48	3.26	13.70
Other	83	4.78	0.00	9.79	3.76	0.10	7.43
White	1159	14.81	11.44	18.17	15.92	11.79	20.04
EDUCATION							
<HS	207	9.92	4.04	15.80	11.74	4.78	18.71
HS	495	17.01	10.87	23.15	18.19	11.90	24.48
>HS	667	12.39	8.84	15.94	13.64	8.97	18.31
INCOME							
<$15,000	242	7.46	3.94	10.97	87.16	77.51	96.80
$15-24,999	268	15.85	7.72	23.98	76.91	67.32	86.51
$25-24,999	179	10.26	4.71	15.80	81.77	71.01	92.53
$35-49,999	207	22.25	12.52	31.97	76.88	66.98	86.79
$50-74,999	182	12.31	6.54	18.09	80.85	73.23	88.47
$75,000+	159	9.69	3.37	16.00	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 5 years” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Less Than Ten Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	12.90	10.46	15.34	12.81	10.15	15.47
REGION							
Central	151	12.91	6.36	19.46	14.19	7.35	21.03
Kansas City	224	16.28	10.12	22.43	16.28	9.58	22.97
Northeast	160	11.40	5.66	17.14	10.84	5.02	16.66
Northwest	163	7.84	3.30	12.39	6.81	3.17	10.46
Southeast	193	17.89	11.60	24.18	17.73	11.21	24.25
Southwest	168	19.95	12.51	27.39	15.78	9.05	22.51
St. Louis	313	6.95	2.53	11.38	7.22	2.64	11.81
GENDER							
Female	890	12.65	9.85	15.46	12.38	8.98	15.78
Male	482	13.17	9.06	17.28	13.76	9.51	18.00
RACE							
Black	122	6.78	2.28	11.28	5.65	1.26	10.05
Other	83	18.89	5.42	32.36	22.51	12.58	32.44
White	1159	13.04	10.40	15.69	12.79	9.94	15.65
EDUCATION							
<HS	207	14.96	8.90	21.03	15.34	8.91	21.76
HS	495	12.17	8.55	15.79	11.89	8.26	15.52
>HS	667	12.85	9.03	16.68	13.95	8.98	18.93
INCOME							
<$15,000	242	17.59	11.36	23.82	87.16	77.51	96.80
$15-24,999	268	13.80	8.39	19.22	76.91	67.32	86.51
$25-24,999	179	12.92	6.13	19.70	81.77	71.01	92.53
$35-49,999	207	5.34	2.26	8.41	76.88	66.98	86.79
$50-74,999	182	12.75	5.07	20.43	80.85	73.23	88.47
$75,000+	159	15.29	7.74	22.85	65.94	56.92	74.97

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Less than 10 years” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Has Experienced Pain for Ten or More Years

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.2.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1372	23.50	20.48	26.51	21.83	18.98	24.69
REGION							
Central	151	23.14	15.59	30.69	24.80	17.88	31.72
Kansas City	224	20.46	13.41	27.50	19.94	12.39	27.50
Northeast	160	25.42	16.49	34.35	25.68	15.70	35.66
Northwest	163	19.57	12.32	26.82	18.17	12.54	23.79
Southeast	193	24.39	17.23	31.56	22.92	16.16	29.67
Southwest	168	19.98	13.37	26.59	16.85	10.95	22.75
St. Louis	313	26.82	20.30	33.35	22.94	17.43	28.46
GENDER							
Female	890	25.92	21.97	29.87	23.27	19.45	27.10
Male	482	20.84	16.33	25.35	20.03	15.91	24.16
RACE							
Black	122	27.43	15.05	39.82	25.33	13.54	37.11
Other	83	25.68	11.09	40.26	23.10	12.67	33.53
White	1159	22.95	19.80	26.10	21.32	18.41	24.22
EDUCATION							
<HS	207	23.63	15.12	32.13	23.45	15.40	31.50
HS	495	23.16	18.05	28.26	21.43	16.81	26.06
>HS	667	23.46	19.33	27.59	21.55	17.39	25.70
INCOME							
<$15,000	242	29.68	20.74	38.62	28.29	19.36	37.22
$15-24,999	268	23.81	16.69	30.92	22.83	15.86	29.80
$25-24,999	179	20.06	12.79	27.34	17.06	10.69	23.44
$35-49,999	207	23.64	16.10	31.18	22.23	15.52	28.95
$50-74,999	182	21.13	13.61	28.64	21.31	13.08	29.55
$75,000+	159	22.60	14.49	30.70	16.71	10.75	22.67

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “More than 10 years” response to the question, “How long have you been experiencing this type of pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With A Chiropractor, Physical Therapist or Massage Therapist About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1308	6.14	4.24	8.05	6.09	4.07	8.12
REGION							
Central	144	3.98	0.17	7.80	3.84	0.16	7.52
Kansas City	214	5.03	1.31	8.76	5.28	1.20	9.36
Northeast	153	5.92	0.97	10.88	5.15	0.92	9.37
Northwest	155	3.81	0.62	7.01	3.23	0.59	5.87
Southeast	184	6.93	1.35	12.51	7.38	1.26	13.49
Southwest	157	7.16	2.04	12.28	4.94	1.54	8.34
St. Louis	301	7.19	3.11	11.28	6.74	2.91	10.57
GENDER							
Female	849	4.52	2.80	6.23	4.32	2.58	6.06
Male	459	7.93	4.41	11.46	7.88	4.26	11.49
RACE							
Black	120	2.07	0.00	4.36	1.71	0.00	3.60
Other	78	5.67	0.00	15.83	4.98	0.00	12.95
White	1102	6.56	4.46	8.67	6.69	4.34	9.03
EDUCATION							
<HS	204	5.36	0.43	10.30	4.97	0.11	9.83
HS	475	6.09	3.12	9.06	5.51	2.65	8.37
>HS	626	6.45	3.60	9.30	6.49	3.59	9.39
INCOME							
<$15,000	239	3.38	0.00	6.95	2.93	0.00	5.94
$15-24,999	258	1.48	0.00	3.15	1.05	0.00	2.18
$25-24,999	177	7.25	3.10	11.41	6.58	2.32	10.83
$35-49,999	194	6.50	1.20	11.79	5.49	1.28	9.71
$50-74,999	162	11.15	4.13	18.18	10.49	4.21	16.77
$75,000+	146	9.13	2.85	15.40	11.77	2.26	21.28

Definition: "1 or greater" response to the question, "During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?" AND "Chiropractor, physical therapist or massage therapist" response to the question, "What types of health care professionals or other providers have you ever seen or talked to about your pain?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With a Specialist, Dentist, Nurse, Psychiatrist or Other Health Professional About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1296	10.48	7.91	13.04	10.84	7.87	13.80
REGION							
Central	144	17.54	6.34	28.75	17.96	7.87	28.06
Kansas City	214	12.16	5.46	18.85	12.47	5.18	19.76
Northeast	153	16.68	3.61	29.75	15.30	5.69	24.91
Northwest	153	6.78	0.47	13.10	7.15	0.88	13.43
Southeast	182	12.69	7.27	18.12	11.75	6.38	17.11
Southwest	157	6.91	2.82	11.00	7.03	2.81	11.24
St. Louis	293	7.23	3.39	11.06	5.72	2.54	8.90
GENDER							
Female	843	9.69	6.61	12.78	10.33	6.16	14.51
Male	453	11.35	7.11	15.59	11.48	7.24	15.72
RACE							
Black	118	6.39	1.04	11.73	5.74	0.77	10.72
Other	78	14.50	0.10	28.90	17.19	6.05	28.32
White	1092	10.63	7.85	13.41	11.24	7.88	14.60
EDUCATION							
<HS	202	11.23	4.74	17.73	13.60	5.84	21.35
HS	472	14.59	8.89	20.29	15.60	9.33	21.87
>HS	619	7.37	4.89	9.85	8.41	4.68	12.13
INCOME							
<$15,000	238	10.21	5.67	14.74	9.99	5.50	14.49
$15-24,999	256	9.42	3.63	15.21	8.79	3.28	14.29
$25-24,999	176	5.43	0.87	9.98	6.85	0.70	12.99
$35-49,999	191	16.13	7.85	24.41	17.03	7.80	26.25
$50-74,999	162	11.05	4.74	17.36	9.95	4.03	15.86
$75,000+	144	7.88	2.23	13.53	6.41	1.88	10.95

Definition: "1 or greater" response to the question, "During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?" AND "Specialist, dentist, nurse, physician assistant, psychiatrist or psychologist" response to the question, "What types of health care professionals or other providers have you ever seen or talked to about your pain?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With A Medical Doctor About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1303	68.56	64.68	72.45	66.80	62.30	71.30
REGION							
Central	144	59.59	46.67	72.50	59.69	48.52	70.86
Kansas City	214	65.12	55.48	74.77	63.87	53.81	73.92
Northeast	153	64.11	51.38	76.85	66.97	57.84	76.11
Northwest	153	61.74	48.35	75.12	64.20	54.56	73.84
Southeast	184	65.01	55.69	74.33	62.57	53.12	72.02
Southwest	157	76.64	69.05	84.24	77.00	69.23	84.77
St. Louis	298	73.29	66.42	80.15	57.20	50.74	63.65
GENDER							
Female	846	74.22	69.78	78.67	73.10	67.47	78.73
Male	457	62.32	55.88	68.76	60.63	53.64	67.62
RACE							
Black	120	67.03	55.02	79.04	66.63	54.46	78.81
Other	78	63.66	45.42	81.90	63.21	50.92	75.50
White	1097	68.89	64.67	73.10	66.93	61.93	71.93
EDUCATION							
<HS	204	70.80	60.38	81.23	66.29	55.61	76.96
HS	473	59.21	52.07	66.35	58.16	50.69	65.63
>HS	623	74.45	69.93	78.97	71.67	65.91	77.44
INCOME							
<$15,000	239	64.89	54.33	75.46	63.83	53.80	73.85
$15-24,999	257	64.80	54.80	74.81	62.16	53.38	70.93
$25-24,999	176	66.34	56.23	76.44	64.18	52.08	76.28
$35-49,999	193	74.82	65.07	84.56	73.04	62.89	83.18
$50-74,999	162	66.88	57.42	76.34	65.14	54.19	76.08
$75,000+	145	69.72	59.73	79.70	66.83	54.35	79.31

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Medical doctor” response to the question, “What types of health care professionals or other providers have you ever seen or talked to about your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With Someone at a Clinic, Hospital, Pain Center or Other About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1316	3.08	1.93	4.23	2.92	1.82	4.02
REGION							
Central	145	3.37	0.00	6.79	4.13	0.00	8.50
Kansas City	214	5.17	1.93	8.42	5.01	1.86	8.15
Northeast	158	3.22	0.31	6.13	2.62	0.16	5.08
Northwest	157	4.59	0.77	8.42	3.78	0.81	6.76
Southeast	185	3.12	0.45	5.79	3.02	0.15	5.90
Southwest	159	1.61	0.00	3.27	1.68	0.00	3.49
St. Louis	298	2.21	0.00	4.50	1.88	0.02	3.74
GENDER							
Female	855	3.04	1.70	4.38	3.16	1.62	4.71
Male	461	3.12	1.21	5.02	2.76	1.13	4.39
RACE							
Black	120	5.20	0.00	13.14	3.45	0.00	8.42
Other	79	1.67	0.00	4.94	1.47	0.00	4.30
White	1109	3.00	1.92	4.09	3.01	1.83	4.19
EDUCATION							
<HS	207	2.32	0.34	4.30	1.66	0.26	3.06
HS	479	2.02	0.78	3.25	1.77	0.70	2.84
>HS	627	4.09	2.04	6.13	3.80	1.96	5.65
INCOME							
<$15,000	243	2.05	0.31	3.78	1.80	0.30	3.30
$15-24,999	260	3.68	0.95	6.41	4.10	0.74	7.45
$25-24,999	177	3.23	0.88	5.58	2.72	0.56	4.87
$35-49,999	196	3.31	0.75	5.87	3.40	0.31	6.50
$50-74,999	163	5.88	0.49	11.27	4.60	0.72	8.48
$75,000+	145	1.02	0.00	2.46	1.57	0.00	3.75

Definition: "1 or greater" response to the question, "During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?" AND "Clinic, hospital, ER, Pain Center or test or procedure" response to the question, "What types of health care professionals or other providers have you ever seen or talked to about your pain?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With Others About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1303	0.81	0.20	1.42	0.80	0.17	1.44
REGION							
Central	144	0.81	0.00	2.41	0.75	0.00	2.22
Kansas City	214	2.00	0.00	4.46	2.16	0.00	4.99
Northeast	153	1.59	0.00	4.70	1.30	0.00	3.91
Northwest	153	0.00	0.00	0.00	0.00	.	.
Southeast	184	0.84	0.00	2.13	0.68	0.00	1.71
Southwest	157	0.00	0.00	0.00	0.00	.	.
St. Louis	298	0.50	0.00	1.34	0.81	0.00	2.32
GENDER							
Female	846	1.17	0.11	2.22	1.30	0.07	2.52
Male	457	0.43	0.00	0.96	0.33	0.00	0.74
RACE							
Black	120	0.00	0.00	0.00	0.00	.	.
Other	78	0.00	0.00	0.00	0.00	.	.
White	1097	0.92	0.21	1.63	0.90	0.17	1.63
EDUCATION							
<HS	204	0.66	0.00	1.68	0.76	0.00	2.07
HS	473	0.69	0.00	1.61	0.58	0.00	1.35
>HS	623	0.95	0.00	1.96	0.87	0.00	1.83
INCOME							
<$15,000	239	0.76	0.00	1.93	0.66	0.00	1.67
$15-24,999	257	1.33	0.00	3.21	1.04	0.00	2.48
$25-24,999	176	0.00	0.00	0.00	0.00	.	.
$35-49,999	193	0.00	0.00	0.00	0.00	.	.
$50-74,999	162	1.83	0.00	4.58	1.44	0.00	3.72
$75,000+	145	0.60	0.00	1.78	0.71	0.00	2.13

Definition: "1 or greater" response to the question, "During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?" AND "acupuncturist, faith healer, homeopathic, reflexologist, or other unspecified professional" response to the question, "What types of health care professionals or other providers have you ever seen or talked to about your pain?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Saw or Talked With No One About Their Pain

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.3.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1212	19.56	15.96	23.16	20.91	16.83	25.00
REGION							
Central	131	25.94	11.82	40.05	23.35	13.31	33.38
Kansas City	196	19.61	10.22	29.00	19.79	10.24	29.34
Northeast	142	17.03	8.95	25.12	15.94	8.22	23.66
Northwest	144	26.34	12.16	40.53	24.31	14.09	34.53
Southeast	173	22.78	13.76	31.79	25.12	15.24	34.99
Southwest	142	13.13	6.70	19.55	15.30	7.84	22.77
St. Louis	284	18.14	12.25	24.04	17.58	11.68	23.47
GENDER							
Female	773	16.18	11.90	20.47	17.11	11.72	22.49
Male	439	23.16	17.40	28.93	24.51	18.35	30.67
RACE							
Black	119	25.72	14.19	37.24	27.06	15.13	38.98
Other	68	32.47	13.97	50.98	35.55	20.84	50.27
White	1017	18.30	14.44	22.15	19.69	15.16	24.21
EDUCATION							
<HS	197	15.81	7.28	24.35	17.49	7.71	27.27
HS	443	25.83	18.56	33.10	26.31	19.42	33.21
>HS	569	16.27	12.30	20.24	18.61	13.18	24.04
INCOME							
<$15,000	219	23.45	12.10	34.80	24.77	15.30	34.24
$15-24,999	246	26.76	16.48	37.03	28.95	20.95	36.95
$25-24,999	165	24.03	13.97	34.09	25.72	14.39	37.04
$35-49,999	178	8.27	2.79	13.75	9.99	3.51	16.47
$50-74,999	149	17.74	10.33	25.14	21.19	10.86	31.52
$75,000+	129	18.99	10.02	27.96	19.41	10.24	28.58

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “None” response to the question, “What types of health care professionals or other providers have you ever seen or talked to about your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain an Accident Injury

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1089	11.61	7.58	15.64	13.28	7.86	18.70
REGION							
Central	124	6.73	0.65	12.81	7.32	0.00	14.87
Kansas City	182	11.39	5.19	17.59	10.77	4.58	16.95
Northeast	126	14.48	6.12	22.84	13.60	4.49	22.71
Northwest	126	4.09	0.77	7.41	3.75	0.68	6.83
Southeast	148	14.91	6.61	23.21	13.91	6.08	21.75
Southwest	134	6.49	1.48	11.50	15.12	4.50	25.74
St. Louis	249	15.14	5.02	25.26	10.22	4.42	16.03
GENDER							
Female	731	8.06	5.38	10.74	8.13	5.18	11.08
Male	358	15.70	7.85	23.54	18.20	10.41	25.99
RACE							
Black	96	5.23	1.39	9.06	4.71	0.76	8.67
Other	58	18.88	0.37	37.38	18.71	4.40	33.02
White	927	11.72	7.27	16.16	13.04	6.99	19.08
EDUCATION							
<HS	166	14.62	0.00	32.78	11.75	2.46	21.04
HS	392	9.82	5.42	14.22	10.27	4.87	15.67
>HS	530	11.94	7.18	16.70	12.23	7.31	17.15
INCOME							
<$15,000	196	4.88	1.83	7.94	3.99	1.47	6.51
$15-24,999	204	14.85	6.04	23.67	19.81	9.51	30.11
$25-24,999	139	13.18	5.45	20.92	17.96	7.43	28.49
$35-49,999	177	15.00	0.54	29.46	14.10	6.17	22.02
$50-74,999	146	8.44	3.99	12.88	12.04	2.24	21.85
$75,000+	125	14.86	2.82	26.90	18.76	7.75	29.78

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “An accident” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain Arthritis

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1089	21.88	18.51	25.24	19.18	16.02	22.35
REGION							
Central	124	19.52	11.67	27.37	18.74	11.86	25.62
Kansas City	182	19.36	12.89	25.84	18.57	10.63	26.52
Northeast	126	21.90	13.12	30.68	19.69	12.17	27.21
Northwest	126	20.41	12.24	28.58	20.18	11.43	28.92
Southeast	148	19.86	13.21	26.50	17.11	11.15	23.07
Southwest	134	27.53	19.12	35.93	20.74	14.16	27.33
St. Louis	249	22.42	14.96	29.88	20.89	14.55	27.22
GENDER							
Female	731	26.47	22.26	30.69	22.79	18.52	27.06
Male	358	16.58	11.33	21.83	14.55	10.05	19.05
RACE							
Black	96	22.47	12.95	31.99	24.69	14.65	34.73
Other	58	20.85	7.81	33.89	20.88	7.62	34.14
White	927	21.82	18.14	25.50	19.17	15.69	22.64
EDUCATION							
<HS	166	17.97	10.70	25.23	15.30	9.80	20.79
HS	392	22.81	17.40	28.22	19.59	15.21	23.98
>HS	530	22.49	17.49	27.50	21.41	14.89	27.92
INCOME							
<$15,000	196	18.41	11.24	25.59	14.35	8.54	20.15
$15-24,999	204	26.23	18.89	33.58	21.44	16.32	26.55
$25-24,999	139	15.27	9.08	21.46	11.76	6.65	16.88
$35-49,999	177	25.41	15.79	35.03	22.21	13.86	30.56
$50-74,999	146	24.95	15.26	34.63	22.85	14.02	31.68
$75,000+	125	17.80	9.56	26.04	13.54	6.99	20.09

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Arthritis” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain a Chronic Disease or Condition

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1089	8.11	6.00	10.21	7.92	5.66	10.18
REGION							
Central	124	3.97	0.65	7.30	4.08	0.00	8.18
Kansas City	182	9.17	4.16	14.18	7.82	3.40	12.24
Northeast	126	7.34	0.26	14.43	9.58	0.58	18.58
Northwest	126	10.46	1.50	19.41	13.09	2.04	24.14
Southeast	148	6.86	2.51	11.22	6.31	1.80	10.81
Southwest	134	11.76	4.28	19.25	11.11	3.88	18.34
St. Louis	249	7.72	3.96	11.49	5.92	2.87	8.97
GENDER							
Female	731	7.78	4.95	10.60	7.74	4.58	10.90
Male	358	8.49	5.31	11.68	8.57	5.09	12.05
RACE							
Black	96	13.11	5.45	20.77	13.99	4.23	23.75
Other	58	3.02	0.00	6.79	3.43	0.00	7.56
White	927	7.93	5.61	10.24	7.77	5.30	10.24
EDUCATION							
<HS	166	6.59	2.92	10.25	5.98	2.70	9.26
HS	392	7.27	3.92	10.62	6.81	3.52	10.11
>HS	530	9.16	5.84	12.47	10.83	5.78	15.88
INCOME							
<$15,000	196	9.71	2.46	16.96	12.17	3.31	21.03
$15-24,999	204	9.78	5.27	14.29	8.12	4.32	11.93
$25-24,999	139	7.10	2.37	11.84	5.95	1.73	10.17
$35-49,999	177	7.50	2.80	12.20	8.06	2.39	13.74
$50-74,999	146	11.35	5.06	17.64	11.05	4.79	17.31
$75,000+	125	3.18	0.00	6.88	2.51	0.00	5.39

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Chronic disease or condition” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain Spinal or Other Neurological Condition

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1089	8.19	6.07	10.30	8.11	5.81	10.41
REGION							
Central	124	9.10	2.60	15.59	8.56	2.48	14.65
Kansas City	182	8.58	2.73	14.42	9.43	3.70	15.15
Northeast	126	8.86	3.06	14.65	9.11	2.58	15.64
Northwest	126	8.10	2.85	13.35	8.06	2.70	13.42
Southeast	148	11.42	5.66	17.18	8.67	4.44	12.90
Southwest	134	4.05	1.03	7.08	2.49	0.62	4.37
St. Louis	249	8.29	4.20	12.39	8.77	4.18	13.36
GENDER							
Female	731	8.32	5.66	10.98	7.80	4.91	10.70
Male	358	8.04	4.72	11.35	8.43	4.77	12.10
RACE							
Black	96	7.73	-1.51	16.97	7.99	0.25	15.73
Other	58	6.96	0.32	13.59	6.44	0.54	12.35
White	927	8.19	5.93	10.46	8.07	5.59	10.56
EDUCATION							
<HS	166	10.47	4.02	16.92	13.74	4.50	22.99
HS	392	7.02	3.68	10.35	6.81	3.12	10.51
>HS	530	8.02	5.11	10.92	7.78	4.78	10.77
INCOME							
<$15,000	196	7.42	2.99	11.85	7.26	2.71	11.80
$15-24,999	204	7.72	3.49	11.94	6.67	2.78	10.56
$25-24,999	139	10.05	3.92	16.18	7.68	2.84	12.52
$35-49,999	177	9.19	2.95	15.42	13.51	4.59	22.42
$50-74,999	146	7.01	2.49	11.54	5.53	1.61	9.46
$75,000+	125	6.29	1.68	10.90	5.22	1.37	9.08

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Sciatica/slipped disc/spondylosis, neuropathic, or shingles” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain Musculoskeletal

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1079	4.13	2.15	6.10	4.24	2.21	6.27
REGION							
Central	122	2.75	0.00	6.97	2.43	0.00	6.02
Kansas City	182	6.00	0.18	11.82	7.34	0.13	14.55
Northeast	124	0.00	0.00	0.00	0.00	.	.
Northwest	126	4.71	0.00	9.44	3.75	0.00	7.64
Southeast	147	1.54	0.00	3.71	1.83	0.00	4.54
Southwest	131	6.01	0.00	12.74	4.54	0.11	8.98
St. Louis	247	4.22	0.72	7.72	2.45	0.68	4.21
GENDER							
Female	723	3.41	1.34	5.48	4.11	1.44	6.79
Male	356	4.95	1.45	8.44	4.47	1.42	7.52
RACE							
Black	95	6.73	0.00	18.24	3.64	0.00	9.60
Other	58	0.00	0.00	0.00	0.00	.	.
White	918	4.23	2.14	6.31	4.46	2.24	6.68
EDUCATION							
<HS	165	4.30	0.00	10.55	5.37	0.00	12.82
HS	385	3.35	0.77	5.94	3.35	0.82	5.88
>HS	528	4.60	1.67	7.53	4.27	1.65	6.90
INCOME							
<$15,000	193	1.81	0.00	5.34	2.48	0.00	7.08
$15-24,999	202	2.17	0.00	5.48	2.13	0.00	5.18
$25-24,999	139	1.55	0.00	3.34	1.59	0.00	4.13
$35-49,999	175	4.64	0.00	9.75	4.22	0.00	8.75
$50-74,999	145	9.66	2.14	17.18	7.51	1.75	13.27
$75,000+	124	4.82	0.00	9.68	5.67	0.20	11.14

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Orthopedic/bone or degenerative problems, muscle, feet/heel spurs, aging/degenerative changes, amputation/prosthetic, or Achilles tendon” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain Other

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1089	48.84	44.38	53.30	50.11	44.38	55.85
REGION							
Central	124	50.76	38.45	63.07	52.33	40.09	64.57
Kansas City	182	47.44	38.18	56.71	46.92	35.50	58.33
Northeast	126	52.51	39.32	65.71	57.32	46.23	68.42
Northwest	126	55.77	43.89	67.65	57.09	46.03	68.15
Southeast	148	44.45	34.62	54.28	48.88	39.65	58.11
Southwest	134	54.56	44.47	64.64	52.19	39.60	64.78
St. Louis	249	46.47	37.09	55.85	38.83	31.30	46.37
GENDER							
Female	731	46.79	41.73	51.86	50.07	44.27	55.88
Male	358	51.20	43.50	58.90	51.51	42.94	60.08
RACE							
Black	96	47.10	32.86	61.34	45.43	31.17	59.68
Other	58	53.05	32.68	73.43	50.17	35.38	64.95
White	927	48.59	43.77	53.41	50.01	43.57	56.44
EDUCATION							
<HS	166	44.83	31.14	58.52	44.39	32.61	56.17
HS	392	47.18	40.06	54.30	49.52	41.73	57.32
>HS	530	51.01	44.96	57.05	53.61	46.17	61.05
INCOME							
<$15,000	196	52.40	42.52	62.29	55.50	45.27	65.73
$15-24,999	204	34.90	25.91	43.89	32.70	24.21	41.18
$25-24,999	139	56.21	45.13	67.29	60.72	49.45	71.99
$35-49,999	177	40.96	29.74	52.18	40.88	30.56	51.21
$50-74,999	146	49.82	39.14	60.50	56.36	47.45	65.26
$75,000+	125	58.48	46.37	70.59	61.28	49.87	72.69

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Dental/oral, pregnancy, migraines, headaches, gastrointestinal, sinuses, genetics/congenital, circulatory/vascular/blood clot, gallbladder/pancreas, inflammation/infection/ cysts, or endometrioses/uterus/menopause and menses” to “What did the health care professional say was causing your pain?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2008
Chapter 30 – Pain and Symptom Management
Source of Pain Unknown

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 30.4.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1042	5.99	4.26	7.72	6.04	4.07	8.00
REGION							
Central	116	5.79	0.99	10.60	6.13	0.72	11.54
Kansas City	172	6.44	1.43	11.44	5.90	1.31	10.50
Northeast	124	2.81	0.41	5.21	2.37	0.40	4.34
Northwest	120	8.04	2.70	13.38	8.06	2.54	13.57
Southeast	142	11.77	5.16	18.39	11.89	4.59	19.19
Southwest	127	5.80	1.63	9.96	6.82	1.93	11.71
St. Louis	241	4.21	1.58	6.84	3.65	0.88	6.41
GENDER							
Female	704	7.20	4.63	9.77	7.85	4.58	11.13
Male	338	4.56	2.36	6.76	4.31	2.23	6.38
RACE							
Black	91	11.25	3.89	18.61	16.96	7.90	26.03
Other	52	1.73	0.00	4.02	1.14	0.00	2.67
White	891	5.84	3.95	7.73	5.69	3.65	7.74
EDUCATION							
<HS	156	8.92	2.92	14.93	10.40	2.97	17.83
HS	378	5.76	2.96	8.55	6.24	2.73	9.76
>HS	507	5.28	3.03	7.54	5.32	2.72	7.91
INCOME							
<$15,000	187	13.38	7.02	19.74	14.61	5.94	23.29
$15-24,999	197	9.11	3.02	15.20	13.08	2.58	23.58
$25-24,999	134	4.16	0.30	8.03	3.30	0.21	6.38
$35-49,999	168	5.34	1.94	8.75	5.77	1.43	10.11
$50-74,999	142	5.85	1.05	10.65	5.90	1.46	10.34
$75,000+	117	1.88	0.00	3.90	1.04	0.00	2.16

Definition: “1 or greater” response to the question, “During the past 30 days, for about how many days did pain make it hard for you to do your usual activities, such as self-care, work or recreation?” AND “Doctor didn’t say or didn’t know” to “What did the health care professional say was causing your pain?”