

BRFSS

Behavioral Risk Factor Surveillance System



2007 Data Report



Missouri Department of Health and Senior Services
Division of Community and Public Health
Office of Epidemiology
Jane Drummond, Director

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| | | |
|-------------------|---|------------|
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| | | |
|----------------------|--|------------|
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INTRODUCTION

ABOUT THIS REPORT

This report presents data from the 2007 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.

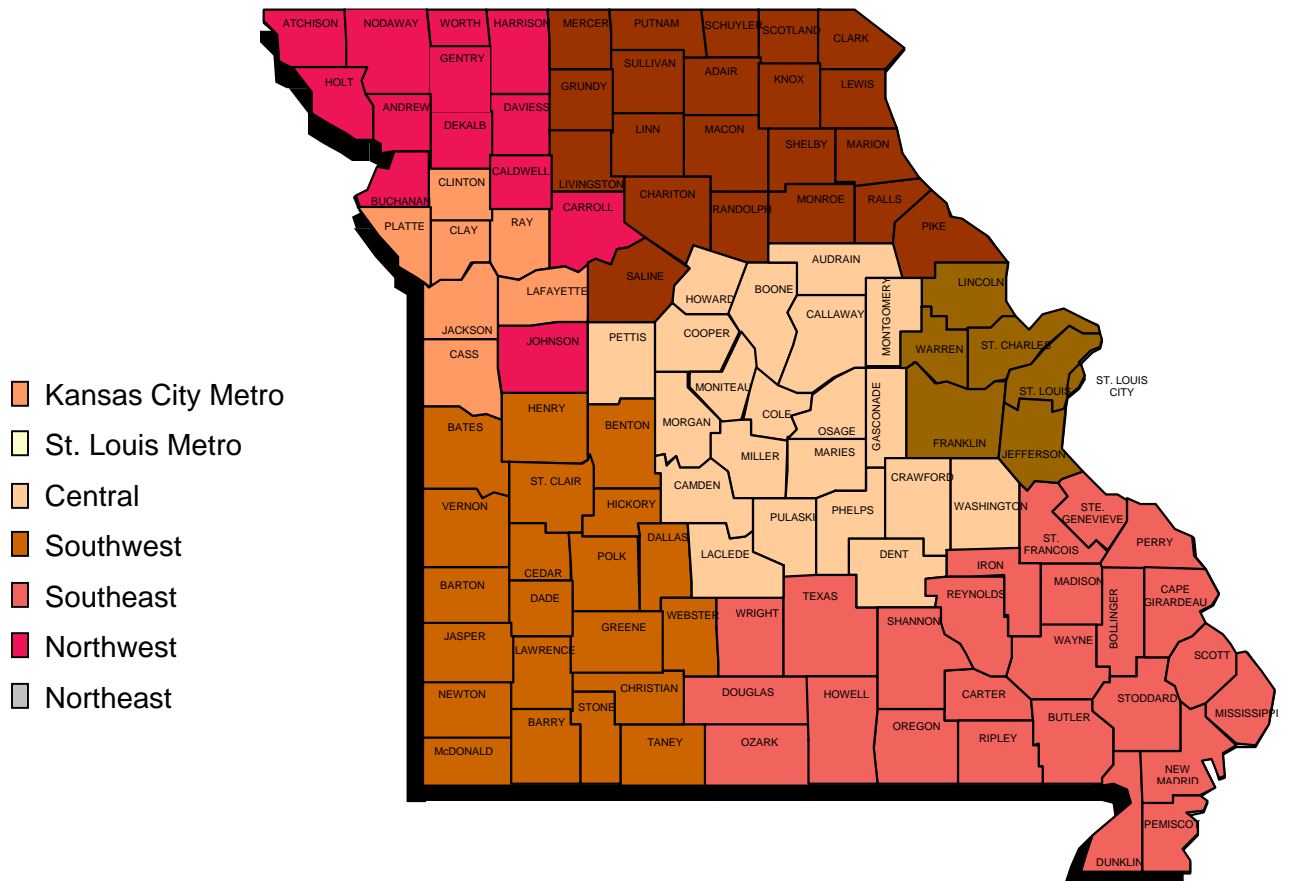
Age adjustment: A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

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

REGIONAL DATA FOR MISSOURI

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

Map of Missouri’s BRFSS Regions



DEMOGRAPHICS OF MISSOURI BRFSS RESPONDENTS

Distribution of demographic and economic characteristics of Missouri adult respondents, BRFSS 2007

| Characteristic | UNWEIGHTED SAMPLE SIZE NUMBER | WEIGHTED PERCENT % |
|------------------------------|----------------------------------|-----------------------|
| OVERALL | 5263 | 100 |
| GENDER | | |
| MALE | 2053 | 48.2 |
| FEMALE | 3210 | 51.8 |
| AGE GROUP | | |
| 18-24 | 223 | 12.7 |
| 25-34 | 592 | 17.6 |
| 35-44 | 835 | 18.3 |
| 45-54 | 1076 | 19.0 |
| 55-64 | 995 | 14.5 |
| 65 AND OLDER | 1506 | 17.9 |
| RACE/ETHNICITY | | |
| WHITE | 4515 | 85.6 |
| AFRICAN AMERICAN | 431 | 7.6 |
| OTHER | 217 | 5.0 |
| HISPANIC | 69 | 1.7 |
| EDUCATION | | |
| LESS THAN HIGH SCHOOL | 601 | 11.0 |
| HIGH SCHOOL | 1949 | 33.9 |
| SOME POST HIGH SCHOOL | 1301 | 27.0 |
| COLLEGE GRADUATE | 1405 | 28.1 |
| MARITAL STATUS | | |
| NEVER MARRIED | 629 | 17.2 |
| MARRIED | 2836 | 60.9 |
| DIVORCED, WIDOWED, SEPARATED | 1668 | 19.4 |
| UNMARRIED COUPLE | 114 | 2.5 |
| HOUSEHOLD INCOME | | |
| <\$15,000 | 594 | 8.6 |
| \$15-24,999 | 909 | 16.7 |
| \$25-34,999 | 676 | 13.9 |
| \$35,000 AND OVER | 2438 | 60.7 |
| EMPLOYMENT | | |
| EMPLOYED | 2815 | 60.6 |
| OUT OF WORK | 204 | 5.2 |
| UNABLE TO WORK | 402 | 5.6 |
| HOMEMAKER | 373 | 7.0 |
| STUDENT | 98 | 4.3 |
| RETIRED | 1361 | 17.2 |

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 1 - Health Status: Poor General Health

Crude and Age-adjusted Prevalence and 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 | 5258 | 5.02 | 4.30 | 5.73 | 4.85 | 4.15 | 5.56 |
| REGION | | | | | | | |
| Central | 664 | 3.70 | 2.14 | 5.26 | 3.62 | 2.20 | 5.04 |
| Kansas City | 934 | 5.48 | 3.81 | 7.14 | 5.28 | 3.69 | 6.86 |
| Northeast | 592 | 5.97 | 4.02 | 7.91 | 5.51 | 3.64 | 7.37 |
| Northwest | 670 | 6.22 | 4.17 | 8.27 | 6.21 | 4.14 | 8.28 |
| Southeast | 597 | 8.50 | 6.25 | 10.75 | 7.78 | 5.72 | 9.84 |
| Southwest | 650 | 4.65 | 2.88 | 6.41 | 4.38 | 2.73 | 6.03 |
| St. Louis | 1151 | 4.16 | 2.77 | 5.54 | 4.12 | 2.71 | 5.54 |
| GENDER | | | | | | | |
| Female | 3209 | 5.09 | 4.12 | 6.06 | 4.83 | 3.87 | 5.79 |
| Male | 2049 | 4.94 | 3.87 | 6.00 | 4.88 | 3.84 | 5.93 |
| RACE | | | | | | | |
| Black | 431 | 4.88 | 2.31 | 7.46 | 5.01 | 2.38 | 7.64 |
| Other | 285 | 5.03 | 2.43 | 7.64 | 5.87 | 3.08 | 8.66 |
| White | 4511 | 5.01 | 4.23 | 5.79 | 4.78 | 4.01 | 5.54 |
| EDUCATION | | | | | | | |
| <HS | 598 | 13.43 | 9.46 | 17.40 | 14.74 | 10.13 | 19.36 |
| HS | 1948 | 5.99 | 4.68 | 7.31 | 5.74 | 4.42 | 7.06 |
| >HS | 2705 | 2.75 | 2.10 | 3.39 | 2.67 | 2.05 | 3.29 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 19.34 | 14.58 | 24.10 | 19.35 | 14.25 | 24.44 |
| \$15-24,999 | 908 | 9.95 | 7.31 | 12.60 | 10.11 | 7.32 | 12.89 |
| \$25-24,999 | 676 | 4.03 | 2.44 | 5.62 | 3.91 | 2.34 | 5.48 |
| \$35-49,999 | 806 | 3.50 | 1.77 | 5.24 | 3.81 | 1.92 | 5.69 |
| \$50-74,999 | 762 | 0.81 | 0.21 | 1.41 | 0.92 | 0.18 | 1.66 |
| \$75,000+ | 870 | 0.77 | 0.23 | 1.30 | 1.17 | 0.24 | 2.09 |

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, 2007
Section 1 - Health Status: Poor or Fair General Health

Crude and Age-adjusted prevalence and 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 | 5258 | 17.13 | 15.75 | 18.51 | 16.65 | 15.32 | 17.98 |
| REGION | | | | | | | |
| Central | 664 | 17.57 | 13.79 | 21.35 | 17.64 | 13.95 | 21.33 |
| Kansas City | 934 | 15.63 | 13.02 | 18.24 | 15.39 | 12.89 | 17.89 |
| Northeast | 592 | 21.37 | 17.70 | 25.03 | 20.06 | 16.55 | 23.58 |
| Northwest | 670 | 17.84 | 14.54 | 21.15 | 17.36 | 14.34 | 20.39 |
| Southeast | 597 | 24.93 | 20.88 | 28.98 | 24.56 | 19.74 | 29.39 |
| Southwest | 650 | 18.57 | 14.77 | 22.38 | 17.84 | 14.09 | 21.60 |
| St. Louis | 1151 | 14.42 | 11.76 | 17.08 | 13.87 | 11.36 | 16.39 |
| GENDER | | | | | | | |
| Female | 3209 | 17.91 | 16.07 | 19.74 | 17.12 | 15.30 | 18.93 |
| Male | 2049 | 16.30 | 14.23 | 18.37 | 16.26 | 14.28 | 18.24 |
| RACE | | | | | | | |
| Black | 431 | 22.05 | 16.55 | 27.54 | 22.55 | 17.74 | 27.36 |
| Other | 285 | 18.32 | 11.87 | 24.76 | 20.51 | 14.51 | 26.51 |
| White | 4511 | 16.53 | 15.07 | 18.00 | 15.87 | 14.44 | 17.30 |
| EDUCATION | | | | | | | |
| <HS | 598 | 36.47 | 30.03 | 42.91 | 38.91 | 32.99 | 44.84 |
| HS | 1948 | 19.93 | 17.42 | 22.44 | 18.80 | 16.38 | 21.22 |
| >HS | 2705 | 11.58 | 10.07 | 13.09 | 11.52 | 10.05 | 13.00 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 52.27 | 44.95 | 59.58 | 51.27 | 43.84 | 58.69 |
| \$15-24,999 | 908 | 29.59 | 25.37 | 33.81 | 29.20 | 25.12 | 33.28 |
| \$25-24,999 | 676 | 16.40 | 12.74 | 20.06 | 15.82 | 12.23 | 19.42 |
| \$35-49,999 | 806 | 12.42 | 9.32 | 15.52 | 12.89 | 9.83 | 15.96 |
| \$50-74,999 | 762 | 8.55 | 6.08 | 11.02 | 9.47 | 6.87 | 12.07 |
| \$75,000+ | 870 | 6.53 | 4.39 | 8.67 | 6.62 | 4.50 | 8.75 |

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, 2007
Section 1 - Health Status: Fair General Health

Crude and Age-adjusted prevalence and 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 | 5258 | 12.11 | 10.90 | 13.32 | 11.79 | 10.61 | 12.98 |
| REGION | | | | | | | |
| Central | 664 | 13.87 | 10.33 | 17.42 | 14.02 | 10.51 | 17.53 |
| Kansas City | 934 | 10.15 | 8.06 | 12.25 | 10.11 | 8.04 | 12.19 |
| Northeast | 592 | 15.40 | 12.17 | 18.63 | 14.56 | 11.38 | 17.74 |
| Northwest | 670 | 11.63 | 8.98 | 14.27 | 11.15 | 8.81 | 13.50 |
| Southeast | 597 | 16.43 | 12.78 | 20.08 | 16.78 | 12.24 | 21.32 |
| Southwest | 650 | 13.93 | 10.40 | 17.46 | 13.47 | 9.93 | 17.00 |
| St. Louis | 1151 | 10.27 | 7.98 | 12.56 | 9.75 | 7.60 | 11.90 |
| GENDER | | | | | | | |
| Female | 3209 | 12.82 | 11.20 | 14.43 | 12.28 | 10.67 | 13.90 |
| Male | 2049 | 11.36 | 9.55 | 13.17 | 11.38 | 9.62 | 13.14 |
| RACE | | | | | | | |
| Black | 431 | 17.16 | 12.37 | 21.95 | 17.54 | 13.33 | 21.75 |
| Other | 285 | 13.28 | 7.25 | 19.32 | 14.64 | 8.96 | 20.32 |
| White | 4511 | 11.52 | 10.25 | 12.80 | 11.10 | 9.84 | 12.36 |
| EDUCATION | | | | | | | |
| <HS | 598 | 23.04 | 17.74 | 28.33 | 24.17 | 18.90 | 29.45 |
| HS | 1948 | 13.94 | 11.73 | 16.15 | 13.06 | 10.91 | 15.21 |
| >HS | 2705 | 8.83 | 7.46 | 10.20 | 8.85 | 7.49 | 10.22 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 32.93 | 25.91 | 39.94 | 31.92 | 24.84 | 39.00 |
| \$15-24,999 | 908 | 19.64 | 16.13 | 23.14 | 19.09 | 15.61 | 22.57 |
| \$25-24,999 | 676 | 12.37 | 9.05 | 15.69 | 11.91 | 8.53 | 15.30 |
| \$35-49,999 | 806 | 8.91 | 6.27 | 11.56 | 9.09 | 6.53 | 11.65 |
| \$50-74,999 | 762 | 7.74 | 5.33 | 10.14 | 8.55 | 6.01 | 11.09 |
| \$75,000+ | 870 | 5.77 | 3.69 | 7.84 | 5.45 | 3.53 | 7.38 |

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, 2007
Section 1 - Health Status: Good General Health

Crude and Age-adjusted prevalence and 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 | 5258 | 30.43 | 28.47 | 32.40 | 30.50 | 28.49 | 32.51 |
| REGION | | | | | | | |
| Central | 664 | 33.55 | 28.42 | 38.68 | 33.33 | 28.52 | 38.14 |
| Kansas City | 934 | 30.64 | 26.90 | 34.39 | 30.71 | 26.85 | 34.58 |
| Northeast | 592 | 31.51 | 27.06 | 35.95 | 31.38 | 26.91 | 35.85 |
| Northwest | 670 | 28.43 | 23.87 | 32.99 | 29.09 | 24.72 | 33.47 |
| Southeast | 597 | 35.09 | 30.33 | 39.86 | 34.81 | 29.54 | 40.08 |
| Southwest | 650 | 29.00 | 24.55 | 33.44 | 28.72 | 24.36 | 33.09 |
| St. Louis | 1151 | 28.71 | 24.52 | 32.90 | 28.78 | 24.45 | 33.10 |
| GENDER | | | | | | | |
| Female | 3209 | 30.83 | 28.40 | 33.26 | 30.97 | 28.40 | 33.53 |
| Male | 2049 | 30.00 | 26.90 | 33.11 | 30.14 | 27.03 | 33.24 |
| RACE | | | | | | | |
| Black | 431 | 42.32 | 33.36 | 51.28 | 41.70 | 34.00 | 49.40 |
| Other | 285 | 31.39 | 23.69 | 39.10 | 32.56 | 25.53 | 39.59 |
| White | 4511 | 29.34 | 27.30 | 31.39 | 29.39 | 27.25 | 31.53 |
| EDUCATION | | | | | | | |
| <HS | 598 | 38.01 | 30.35 | 45.68 | 37.12 | 30.48 | 43.76 |
| HS | 1948 | 37.06 | 33.61 | 40.50 | 37.36 | 33.81 | 40.92 |
| >HS | 2705 | 24.80 | 22.52 | 27.08 | 24.90 | 22.59 | 27.22 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 31.68 | 25.29 | 38.07 | 33.83 | 26.92 | 40.74 |
| \$15-24,999 | 908 | 33.48 | 28.85 | 38.11 | 33.95 | 29.12 | 38.78 |
| \$25-24,999 | 676 | 34.30 | 28.92 | 39.67 | 33.48 | 28.39 | 38.56 |
| \$35-49,999 | 806 | 33.75 | 28.87 | 38.62 | 34.38 | 29.64 | 39.12 |
| \$50-74,999 | 762 | 27.32 | 22.90 | 31.74 | 27.55 | 22.29 | 32.81 |
| \$75,000+ | 870 | 21.09 | 17.38 | 24.80 | 20.26 | 16.37 | 24.15 |

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, 2007
Section 1 - Health Status: Very Good General Health

Crude and Age-adjusted prevalence and 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 | 5258 | 34.11 | 32.07 | 36.16 | 34.32 | 32.23 | 36.40 |
| REGION | | | | | | | |
| Central | 664 | 32.46 | 27.81 | 37.11 | 33.01 | 28.50 | 37.51 |
| Kansas City | 934 | 35.03 | 31.16 | 38.89 | 35.04 | 31.06 | 39.01 |
| Northeast | 592 | 31.88 | 26.99 | 36.78 | 32.64 | 27.79 | 37.49 |
| Northwest | 670 | 38.24 | 33.07 | 43.42 | 37.92 | 33.01 | 42.84 |
| Southeast | 597 | 26.87 | 22.48 | 31.25 | 26.90 | 21.96 | 31.85 |
| Southwest | 650 | 34.51 | 29.94 | 39.07 | 35.14 | 30.49 | 39.78 |
| St. Louis | 1151 | 35.80 | 31.28 | 40.31 | 35.91 | 31.29 | 40.54 |
| GENDER | | | | | | | |
| Female | 3209 | 32.99 | 30.47 | 35.51 | 33.23 | 30.58 | 35.87 |
| Male | 2049 | 35.32 | 32.07 | 38.57 | 35.29 | 32.05 | 38.52 |
| RACE | | | | | | | |
| Black | 431 | 19.42 | 13.75 | 25.08 | 20.00 | 14.67 | 25.33 |
| Other | 285 | 32.18 | 23.08 | 41.27 | 30.46 | 22.70 | 38.23 |
| White | 4511 | 35.56 | 33.36 | 37.76 | 35.87 | 33.57 | 38.16 |
| EDUCATION | | | | | | | |
| <HS | 598 | 19.60 | 13.57 | 25.63 | 17.63 | 12.75 | 22.50 |
| HS | 1948 | 28.42 | 25.21 | 31.63 | 28.85 | 25.51 | 32.18 |
| >HS | 2705 | 40.53 | 37.70 | 43.36 | 40.31 | 37.27 | 43.35 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 10.36 | 3.83 | 16.88 | 8.73 | 4.25 | 13.21 |
| \$15-24,999 | 908 | 23.28 | 19.11 | 27.44 | 23.02 | 18.69 | 27.36 |
| \$25-24,999 | 676 | 29.79 | 24.78 | 34.80 | 30.85 | 25.50 | 36.20 |
| \$35-49,999 | 806 | 36.00 | 30.94 | 41.06 | 36.09 | 31.22 | 40.96 |
| \$50-74,999 | 762 | 43.87 | 38.93 | 48.81 | 44.09 | 38.53 | 49.65 |
| \$75,000+ | 870 | 45.45 | 40.54 | 50.37 | 47.09 | 41.47 | 52.72 |

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, 2007
Section 1 - Health Status: Excellent General Health

Crude and Age-adjusted prevalence and 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 | 5258 | 18.32 | 16.55 | 20.09 | 18.53 | 16.74 | 20.32 |
| REGION | | | | | | | |
| Central | 664 | 16.42 | 12.53 | 20.30 | 16.02 | 12.37 | 19.68 |
| Kansas City | 934 | 18.70 | 15.35 | 22.05 | 18.86 | 15.41 | 22.31 |
| Northeast | 592 | 15.25 | 11.61 | 18.88 | 15.92 | 12.12 | 19.73 |
| Northwest | 670 | 15.48 | 10.98 | 19.98 | 15.62 | 11.63 | 19.61 |
| Southeast | 597 | 13.11 | 10.02 | 16.20 | 13.72 | 10.14 | 17.30 |
| Southwest | 650 | 17.92 | 14.19 | 21.65 | 18.29 | 14.48 | 22.11 |
| St. Louis | 1151 | 21.07 | 17.08 | 25.06 | 21.44 | 17.38 | 25.49 |
| GENDER | | | | | | | |
| Female | 3209 | 18.27 | 16.08 | 20.46 | 18.69 | 16.40 | 20.99 |
| Male | 2049 | 18.38 | 15.56 | 21.19 | 18.31 | 15.56 | 21.07 |
| RACE | | | | | | | |
| Black | 431 | 16.22 | 8.45 | 23.98 | 15.74 | 9.00 | 22.49 |
| Other | 285 | 18.11 | 10.66 | 25.56 | 16.47 | 10.51 | 22.42 |
| White | 4511 | 18.57 | 16.71 | 20.43 | 18.87 | 16.93 | 20.80 |
| EDUCATION | | | | | | | |
| <HS | 598 | 5.92 | 3.08 | 8.76 | 6.34 | 3.60 | 9.08 |
| HS | 1948 | 14.59 | 11.87 | 17.30 | 14.99 | 12.30 | 17.68 |
| >HS | 2705 | 23.09 | 20.49 | 25.69 | 23.26 | 20.47 | 26.06 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 5.70 | 2.94 | 8.46 | 6.18 | 3.33 | 9.02 |
| \$15-24,999 | 908 | 13.65 | 8.55 | 18.76 | 13.83 | 9.38 | 18.28 |
| \$25-24,999 | 676 | 19.52 | 13.18 | 25.86 | 19.85 | 15.02 | 24.68 |
| \$35-49,999 | 806 | 17.83 | 13.72 | 21.94 | 16.63 | 13.00 | 20.27 |
| \$50-74,999 | 762 | 20.26 | 16.42 | 24.11 | 18.89 | 15.13 | 22.64 |
| \$75,000+ | 870 | 26.92 | 22.75 | 31.09 | 26.03 | 21.22 | 30.84 |

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, 2007

Section 2 - Healthy Days-Health-related Quality of Life:

Poor Physical Health 0 day of past 30 days

Crude and Age-adjusted prevalence and 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 | 5173 | 63.49 | 61.41 | 65.56 | 63.60 | 61.49 | 65.70 |
| REGION | | | | | | | |
| Central | 657 | 60.50 | 55.32 | 65.67 | 60.71 | 55.78 | 65.63 |
| Kansas City | 924 | 63.12 | 59.14 | 67.09 | 63.23 | 59.13 | 67.33 |
| Northeast | 582 | 63.77 | 58.91 | 68.62 | 64.48 | 59.49 | 69.47 |
| Northwest | 658 | 64.49 | 59.64 | 69.33 | 64.47 | 59.90 | 69.04 |
| Southeast | 580 | 62.83 | 58.06 | 67.60 | 62.05 | 56.56 | 67.53 |
| Southwest | 636 | 64.74 | 59.95 | 69.53 | 65.19 | 60.46 | 69.92 |
| St. Louis | 1136 | 64.18 | 59.71 | 68.65 | 64.44 | 59.88 | 69.00 |
| GENDER | | | | | | | |
| Female | 3148 | 62.38 | 59.82 | 64.94 | 62.60 | 59.96 | 65.24 |
| Male | 2025 | 64.67 | 61.31 | 68.03 | 64.84 | 61.59 | 68.09 |
| RACE | | | | | | | |
| Black | 422 | 67.38 | 58.46 | 76.31 | 67.96 | 60.51 | 75.40 |
| Other | 280 | 57.99 | 48.99 | 66.99 | 57.86 | 49.83 | 65.90 |
| White | 4443 | 63.49 | 61.29 | 65.68 | 63.64 | 61.36 | 65.91 |
| EDUCATION | | | | | | | |
| <HS | 570 | 49.06 | 41.49 | 56.63 | 48.84 | 42.00 | 55.68 |
| HS | 1922 | 63.43 | 60.03 | 66.82 | 63.69 | 60.20 | 67.17 |
| >HS | 2674 | 66.25 | 63.53 | 68.96 | 66.31 | 63.39 | 69.23 |
| INCOME | | | | | | | |
| <\$15,000 | 573 | 40.40 | 32.90 | 47.89 | 39.41 | 31.97 | 46.85 |
| \$15-24,999 | 884 | 54.94 | 49.79 | 60.09 | 53.58 | 48.29 | 58.88 |
| \$25-24,999 | 672 | 65.95 | 60.41 | 71.50 | 66.23 | 60.50 | 71.96 |
| \$35-49,999 | 799 | 68.60 | 64.00 | 73.19 | 68.35 | 63.93 | 72.77 |
| \$50-74,999 | 757 | 64.91 | 60.05 | 69.78 | 62.96 | 57.51 | 68.41 |
| \$75,000+ | 867 | 71.00 | 66.25 | 75.76 | 69.92 | 63.99 | 75.84 |

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, 2007
Section 2 - Healthy Days-Health-related Quality of Life:
Poor Physical Health 1 day of past 30 days

Crude and Age-adjusted prevalence and 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 | 5173 | 3.97 | 3.13 | 4.81 | 3.98 | 3.12 | 4.84 |
| REGION | | | | | | | |
| Central | 657 | 2.68 | 1.43 | 3.94 | 2.78 | 1.45 | 4.12 |
| Kansas City | 924 | 6.35 | 4.18 | 8.51 | 6.43 | 4.21 | 8.66 |
| Northeast | 582 | 4.69 | 2.08 | 7.29 | 4.76 | 2.15 | 7.37 |
| Northwest | 658 | 3.70 | 1.85 | 5.54 | 3.60 | 1.88 | 5.31 |
| Southeast | 580 | 2.01 | 0.81 | 3.21 | 2.07 | 0.81 | 3.34 |
| Southwest | 636 | 3.52 | 1.79 | 5.24 | 3.37 | 1.67 | 5.07 |
| St. Louis | 1136 | 3.79 | 1.99 | 5.59 | 3.76 | 1.90 | 5.61 |
| GENDER | | | | | | | |
| Female | 3148 | 4.56 | 3.33 | 5.80 | 4.60 | 3.31 | 5.90 |
| Male | 2025 | 3.34 | 2.18 | 4.49 | 3.35 | 2.21 | 4.49 |
| RACE | | | | | | | |
| Black | 422 | 1.61 | -0.56 | 3.78 | 1.66 | -0.53 | 3.86 |
| Other | 280 | 5.77 | 2.00 | 9.55 | 6.48 | 2.20 | 10.75 |
| White | 4443 | 4.05 | 3.13 | 4.97 | 4.08 | 3.11 | 5.04 |
| EDUCATION | | | | | | | |
| <HS | 570 | 0.17 | -0.03 | 0.37 | 0.19 | -0.04 | 0.42 |
| HS | 1922 | 3.72 | 2.32 | 5.12 | 3.83 | 2.33 | 5.34 |
| >HS | 2674 | 4.86 | 3.60 | 6.12 | 4.96 | 3.50 | 6.42 |
| INCOME | | | | | | | |
| <\$15,000 | 573 | 0.83 | 0.00 | 1.66 | 0.79 | 0.00 | 1.57 |
| \$15-24,999 | 884 | 3.33 | 0.39 | 6.28 | 3.21 | 0.69 | 5.73 |
| \$25-24,999 | 672 | 3.91 | 1.15 | 6.66 | 3.78 | 1.32 | 6.24 |
| \$35-49,999 | 799 | 4.09 | 2.32 | 5.86 | 4.10 | 2.34 | 5.86 |
| \$50-74,999 | 757 | 5.87 | 3.67 | 8.07 | 5.06 | 3.20 | 6.91 |
| \$75,000+ | 867 | 3.84 | 2.23 | 5.44 | 3.98 | 1.89 | 6.08 |

Definition: “1” 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, 2007

Section 2 - Healthy Days-Health-related Quality of Life:

Poor Physical Health 2 or more days of past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 2.1.3 | 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 | 5173 | 32.54 | 30.50 | 34.59 | 32.43 | 30.36 | 34.50 |
| REGION | | | | | | | |
| Central | 657 | 36.82 | 31.66 | 41.98 | 36.51 | 31.64 | 41.38 |
| Kansas City | 924 | 30.54 | 26.75 | 34.32 | 30.34 | 26.45 | 34.23 |
| Northeast | 582 | 31.54 | 26.93 | 36.16 | 30.76 | 26.05 | 35.48 |
| Northwest | 658 | 31.82 | 27.15 | 36.48 | 31.93 | 27.51 | 36.34 |
| Southeast | 580 | 35.16 | 30.43 | 39.89 | 35.88 | 30.44 | 41.32 |
| Southwest | 636 | 31.74 | 27.05 | 36.44 | 31.44 | 26.78 | 36.10 |
| St. Louis | 1136 | 32.03 | 27.61 | 36.45 | 31.81 | 27.31 | 36.30 |
| GENDER | | | | | | | |
| Female | 3148 | 33.06 | 30.61 | 35.51 | 32.80 | 30.30 | 35.31 |
| Male | 2025 | 32.00 | 28.66 | 35.33 | 31.81 | 28.60 | 35.02 |
| RACE | | | | | | | |
| Black | 422 | 31.00 | 22.13 | 39.88 | 30.38 | 23.14 | 37.62 |
| Other | 280 | 36.23 | 27.42 | 45.05 | 35.66 | 27.98 | 43.33 |
| White | 4443 | 32.46 | 30.31 | 34.61 | 32.29 | 30.06 | 34.52 |
| EDUCATION | | | | | | | |
| <HS | 570 | 50.76 | 43.19 | 58.34 | 50.97 | 44.13 | 57.81 |
| HS | 1922 | 32.85 | 29.56 | 36.15 | 32.48 | 29.09 | 35.88 |
| >HS | 2674 | 28.90 | 26.27 | 31.52 | 28.73 | 25.92 | 31.53 |
| INCOME | | | | | | | |
| <\$15,000 | 573 | 58.77 | 51.29 | 66.26 | 59.80 | 52.35 | 67.25 |
| \$15-24,999 | 884 | 41.73 | 36.67 | 46.79 | 43.21 | 38.05 | 48.36 |
| \$25-24,999 | 672 | 30.14 | 24.89 | 35.39 | 29.99 | 24.55 | 35.43 |
| \$35-49,999 | 799 | 27.31 | 22.92 | 31.71 | 27.55 | 23.30 | 31.80 |
| \$50-74,999 | 757 | 29.22 | 24.49 | 33.95 | 31.98 | 26.63 | 37.33 |
| \$75,000+ | 867 | 25.16 | 20.47 | 29.86 | 26.10 | 20.17 | 32.02 |

Definition: “2” or greater response to the question “Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 2 - Healthy Days-Health-related Quality of Life:
Poor Mental Health 0 day of past 30 days

Crude and Age-adjusted prevalence and 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 | 5206 | 64.14 | 62.05 | 66.23 | 63.75 | 61.66 | 65.85 |
| REGION | | | | | | | |
| Central | 661 | 67.42 | 62.46 | 72.39 | 66.93 | 62.17 | 71.68 |
| Kansas City | 928 | 59.15 | 55.12 | 63.19 | 59.00 | 54.89 | 63.11 |
| Northeast | 583 | 67.47 | 62.65 | 72.29 | 66.02 | 61.33 | 70.71 |
| Northwest | 658 | 66.44 | 61.13 | 71.76 | 65.98 | 60.99 | 70.96 |
| Southeast | 589 | 63.99 | 59.18 | 68.81 | 64.43 | 59.08 | 69.77 |
| Southwest | 644 | 62.98 | 58.13 | 67.84 | 62.29 | 57.51 | 67.06 |
| St. Louis | 1143 | 65.56 | 61.05 | 70.07 | 65.46 | 60.95 | 69.97 |
| GENDER | | | | | | | |
| Female | 3184 | 59.32 | 56.64 | 62.00 | 58.38 | 55.66 | 61.10 |
| Male | 2022 | 69.37 | 66.17 | 72.58 | 69.42 | 66.29 | 72.56 |
| RACE | | | | | | | |
| Black | 427 | 60.46 | 51.42 | 69.50 | 61.18 | 53.79 | 68.58 |
| Other | 282 | 56.76 | 47.53 | 66.00 | 59.71 | 52.04 | 67.38 |
| White | 4466 | 64.96 | 62.78 | 67.14 | 64.30 | 62.04 | 66.57 |
| EDUCATION | | | | | | | |
| <HS | 580 | 57.23 | 49.67 | 64.78 | 54.49 | 47.74 | 61.24 |
| HS | 1928 | 63.47 | 59.96 | 66.99 | 62.66 | 59.15 | 66.17 |
| >HS | 2691 | 65.94 | 63.23 | 68.65 | 65.65 | 62.73 | 68.56 |
| INCOME | | | | | | | |
| <\$15,000 | 579 | 46.98 | 39.66 | 54.30 | 43.68 | 36.57 | 50.79 |
| \$15-24,999 | 901 | 58.65 | 53.59 | 63.71 | 55.34 | 50.09 | 60.60 |
| \$25-24,999 | 673 | 62.74 | 57.26 | 68.22 | 61.82 | 56.46 | 67.18 |
| \$35-49,999 | 804 | 62.23 | 57.00 | 67.46 | 62.39 | 57.47 | 67.30 |
| \$50-74,999 | 756 | 68.98 | 64.43 | 73.53 | 68.70 | 63.58 | 73.82 |
| \$75,000+ | 866 | 70.34 | 65.70 | 74.98 | 67.57 | 62.04 | 73.10 |

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, 2007
Section 2 - Healthy Days-Health-related Quality of Life:
Poor Mental Health 1 day of past 30 days

Crude and Age-adjusted prevalence and 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 | 5206 | 3.80 | 2.74 | 4.86 | 3.84 | 2.80 | 4.89 |
| REGION | | | | | | | |
| Central | 661 | 2.72 | 1.19 | 4.26 | 2.74 | 1.24 | 4.25 |
| Kansas City | 928 | 3.96 | 2.01 | 5.91 | 4.12 | 2.03 | 6.20 |
| Northeast | 583 | 2.19 | 0.72 | 3.66 | 2.11 | 0.71 | 3.51 |
| Northwest | 658 | 4.75 | 0.79 | 8.71 | 4.48 | 1.43 | 7.53 |
| Southeast | 589 | 3.68 | 1.84 | 5.52 | 3.54 | 1.76 | 5.32 |
| Southwest | 644 | 3.61 | 1.78 | 5.43 | 3.58 | 1.78 | 5.37 |
| St. Louis | 1143 | 4.29 | 1.75 | 6.82 | 4.35 | 1.89 | 6.82 |
| GENDER | | | | | | | |
| Female | 3184 | 3.79 | 2.57 | 5.01 | 3.90 | 2.63 | 5.18 |
| Male | 2022 | 3.81 | 2.05 | 5.57 | 3.82 | 2.17 | 5.47 |
| RACE | | | | | | | |
| Black | 427 | 7.85 | -0.99 | 16.69 | 6.91 | 1.15 | 12.67 |
| Other | 282 | 6.09 | 1.31 | 10.87 | 5.77 | 1.46 | 10.08 |
| White | 4466 | 3.27 | 2.42 | 4.12 | 3.36 | 2.46 | 4.25 |
| EDUCATION | | | | | | | |
| <HS | 580 | 6.71 | 0.07 | 13.35 | 4.54 | 1.19 | 7.89 |
| HS | 1928 | 2.24 | 1.19 | 3.29 | 2.18 | 1.18 | 3.19 |
| >HS | 2691 | 4.15 | 2.95 | 5.36 | 4.36 | 2.93 | 5.79 |
| INCOME | | | | | | | |
| <\$15,000 | 579 | 0.83 | 0.01 | 1.65 | 0.73 | 0.10 | 1.37 |
| \$15-24,999 | 901 | 4.33 | 1.27 | 7.39 | 4.05 | 1.41 | 6.70 |
| \$25-24,999 | 673 | 1.73 | 0.57 | 2.90 | 2.00 | 0.62 | 3.39 |
| \$35-49,999 | 804 | 4.16 | 1.86 | 6.46 | 4.09 | 2.01 | 6.17 |
| \$50-74,999 | 756 | 4.37 | 2.27 | 6.46 | 4.71 | 1.59 | 7.83 |
| \$75,000+ | 866 | 4.01 | 2.40 | 5.62 | 4.57 | 2.36 | 6.78 |

Definition: "1" 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, 2007

Section 2 - Healthy Days-Health-related Quality of Life:

Poor Mental Health 2 or more days of past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 2.2.3 | 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 | 5206 | 32.06 | 30.06 | 34.07 | 32.41 | 30.36 | 34.45 |
| REGION | | | | | | | |
| Central | 661 | 29.85 | 24.97 | 34.74 | 30.33 | 25.64 | 35.02 |
| Kansas City | 928 | 36.88 | 32.95 | 40.82 | 36.89 | 32.82 | 40.95 |
| Northeast | 583 | 30.34 | 25.60 | 35.08 | 31.86 | 27.20 | 36.53 |
| Northwest | 658 | 28.81 | 24.10 | 33.52 | 29.54 | 24.93 | 34.15 |
| Southeast | 589 | 32.33 | 27.60 | 37.06 | 32.03 | 26.78 | 37.28 |
| Southwest | 644 | 33.41 | 28.62 | 38.20 | 34.14 | 29.39 | 38.88 |
| St. Louis | 1143 | 30.15 | 25.89 | 34.41 | 30.19 | 25.83 | 34.55 |
| GENDER | | | | | | | |
| Female | 3184 | 36.89 | 34.25 | 39.53 | 37.72 | 34.98 | 40.45 |
| Male | 2022 | 26.81 | 23.82 | 29.80 | 26.76 | 23.80 | 29.72 |
| RACE | | | | | | | |
| Black | 427 | 31.69 | 24.30 | 39.09 | 31.91 | 25.33 | 38.48 |
| Other | 282 | 37.14 | 28.00 | 46.29 | 34.52 | 27.16 | 41.88 |
| White | 4466 | 31.77 | 29.65 | 33.90 | 32.34 | 30.12 | 34.56 |
| EDUCATION | | | | | | | |
| <HS | 580 | 36.06 | 29.20 | 42.93 | 40.97 | 34.49 | 47.45 |
| HS | 1928 | 34.29 | 30.80 | 37.78 | 35.16 | 31.66 | 38.66 |
| >HS | 2691 | 29.90 | 27.29 | 32.51 | 29.99 | 27.17 | 32.82 |
| INCOME | | | | | | | |
| <\$15,000 | 579 | 52.19 | 44.85 | 59.53 | 55.59 | 48.47 | 62.71 |
| \$15-24,999 | 901 | 37.03 | 32.25 | 41.80 | 40.61 | 35.66 | 45.56 |
| \$25-24,999 | 673 | 35.53 | 30.12 | 40.94 | 36.18 | 31.01 | 41.36 |
| \$35-49,999 | 804 | 33.61 | 28.47 | 38.75 | 33.52 | 28.64 | 38.40 |
| \$50-74,999 | 756 | 26.66 | 22.32 | 30.99 | 26.59 | 21.58 | 31.61 |
| \$75,000+ | 866 | 25.65 | 21.11 | 30.19 | 27.86 | 22.38 | 33.35 |

Definition: “2” or greater response to the question “Now thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 2 - Healthy Days-Health-related Quality of Life:
Kept from usual activities due to poor physical or mental health 0 day of past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 2.3.1 | 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 | 2793 | 60.27 | 57.39 | 63.14 | 60.35 | 57.55 | 63.15 |
| REGION | | | | | | | |
| Central | 353 | 61.80 | 54.72 | 68.88 | 60.84 | 54.48 | 67.21 |
| Kansas City | 509 | 58.86 | 53.27 | 64.44 | 59.20 | 53.93 | 64.47 |
| Northeast | 303 | 58.61 | 51.75 | 65.47 | 57.92 | 50.94 | 64.91 |
| Northwest | 351 | 59.95 | 52.87 | 67.03 | 59.46 | 52.83 | 66.09 |
| Southeast | 324 | 58.09 | 51.48 | 64.69 | 57.59 | 49.22 | 65.97 |
| Southwest | 327 | 56.04 | 49.10 | 62.98 | 56.91 | 50.40 | 63.41 |
| St. Louis | 626 | 63.23 | 57.07 | 69.39 | 63.77 | 57.60 | 69.95 |
| GENDER | | | | | | | |
| Female | 1804 | 60.28 | 56.83 | 63.73 | 60.57 | 57.16 | 63.99 |
| Male | 989 | 60.25 | 55.43 | 65.07 | 59.88 | 55.30 | 64.46 |
| RACE | | | | | | | |
| Black | 234 | 55.99 | 42.83 | 69.15 | 55.07 | 44.81 | 65.34 |
| Other | 171 | 63.39 | 51.66 | 75.12 | 63.77 | 54.23 | 73.32 |
| White | 2380 | 60.28 | 57.29 | 63.26 | 60.51 | 57.54 | 63.48 |
| EDUCATION | | | | | | | |
| <HS | 353 | 48.83 | 39.00 | 58.65 | 48.78 | 40.43 | 57.13 |
| HS | 1022 | 61.34 | 56.58 | 66.11 | 61.33 | 56.74 | 65.91 |
| >HS | 1414 | 62.25 | 58.56 | 65.94 | 62.84 | 59.15 | 66.52 |
| INCOME | | | | | | | |
| <\$15,000 | 417 | 37.91 | 30.18 | 45.63 | 33.75 | 26.19 | 41.30 |
| \$15-24,999 | 539 | 57.95 | 51.87 | 64.03 | 57.72 | 51.63 | 63.81 |
| \$25-24,999 | 358 | 55.14 | 47.45 | 62.82 | 55.56 | 47.40 | 63.72 |
| \$35-49,999 | 416 | 63.96 | 57.14 | 70.79 | 63.44 | 57.30 | 69.58 |
| \$50-74,999 | 383 | 65.87 | 59.25 | 72.49 | 65.52 | 58.05 | 72.99 |
| \$75,000+ | 385 | 68.84 | 62.23 | 75.46 | 67.12 | 59.71 | 74.54 |

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, 2007
Section 2 - Healthy Days-Health-related Quality of Life:
Kept from usual activities due to poor physical or mental health 1 day of past 30 days

Crude and Age-adjusted prevalence and 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 | 2793 | 6.83 | 4.87 | 8.79 | 6.66 | 4.89 | 8.43 |
| REGION | | | | | | | |
| Central | 353 | 5.19 | 1.59 | 8.79 | 5.16 | 1.75 | 8.56 |
| Kansas City | 509 | 8.39 | 4.10 | 12.68 | 7.66 | 4.22 | 11.10 |
| Northeast | 303 | 7.54 | 3.07 | 12.00 | 7.84 | 3.55 | 12.14 |
| Northwest | 351 | 4.30 | 1.52 | 7.07 | 4.22 | 1.72 | 6.73 |
| Southeast | 324 | 1.50 | 0.12 | 2.88 | 1.66 | 0.14 | 3.18 |
| Southwest | 327 | 7.16 | 3.27 | 11.04 | 6.80 | 3.31 | 10.29 |
| St. Louis | 626 | 8.04 | 3.52 | 12.56 | 7.88 | 3.49 | 12.27 |
| GENDER | | | | | | | |
| Female | 1804 | 5.66 | 3.96 | 7.37 | 5.62 | 3.93 | 7.32 |
| Male | 989 | 8.25 | 4.44 | 12.06 | 7.78 | 4.59 | 10.97 |
| RACE | | | | | | | |
| Black | 234 | 12.58 | -3.64 | 28.81 | 9.10 | 1.16 | 17.04 |
| Other | 171 | 7.90 | -0.65 | 16.46 | 6.46 | 1.26 | 11.65 |
| White | 2380 | 6.25 | 4.68 | 7.81 | 6.22 | 4.69 | 7.75 |
| EDUCATION | | | | | | | |
| <HS | 353 | 9.09 | -1.03 | 19.20 | 5.78 | 0.89 | 10.66 |
| HS | 1022 | 5.09 | 2.16 | 8.01 | 5.13 | 2.41 | 7.86 |
| >HS | 1414 | 7.46 | 5.43 | 9.49 | 7.16 | 5.21 | 9.11 |
| INCOME | | | | | | | |
| <\$15,000 | 417 | 3.95 | 0.16 | 7.74 | 5.31 | 0.36 | 10.26 |
| \$15-24,999 | 539 | 2.88 | 0.63 | 5.12 | 2.77 | 0.73 | 4.81 |
| \$25-24,999 | 358 | 7.15 | 0.50 | 13.80 | 7.38 | 1.37 | 13.40 |
| \$35-49,999 | 416 | 8.59 | 4.98 | 12.21 | 8.69 | 5.25 | 12.14 |
| \$50-74,999 | 383 | 8.36 | 3.74 | 12.97 | 8.19 | 3.25 | 13.13 |
| \$75,000+ | 385 | 7.51 | 3.83 | 11.19 | 6.83 | 3.30 | 10.35 |

Definition: "1" 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, 2007

Section 2 - Healthy Days-Health-related Quality of Life:

Kept from usual activities due to poor physical or mental health 2 or more days of past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 2.3.3 | 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 | 2793 | 32.91 | 30.31 | 35.50 | 32.99 | 30.50 | 35.49 |
| REGION | | | | | | | |
| Central | 353 | 33.01 | 26.11 | 39.91 | 34.00 | 27.66 | 40.34 |
| Kansas City | 509 | 32.75 | 27.70 | 37.81 | 33.14 | 28.29 | 38.00 |
| Northeast | 303 | 33.85 | 27.47 | 40.22 | 34.23 | 27.74 | 40.73 |
| Northwest | 351 | 35.76 | 28.94 | 42.57 | 36.32 | 29.91 | 42.73 |
| Southeast | 324 | 40.41 | 33.80 | 47.03 | 40.75 | 32.35 | 49.14 |
| Southwest | 327 | 36.80 | 29.99 | 43.61 | 36.29 | 29.89 | 42.69 |
| St. Louis | 626 | 28.73 | 23.56 | 33.90 | 28.34 | 23.55 | 33.13 |
| GENDER | | | | | | | |
| Female | 1804 | 34.06 | 30.77 | 37.34 | 33.80 | 30.59 | 37.01 |
| Male | 989 | 31.50 | 27.36 | 35.64 | 32.34 | 28.41 | 36.27 |
| RACE | | | | | | | |
| Black | 234 | 31.43 | 21.73 | 41.12 | 35.83 | 27.79 | 43.87 |
| Other | 171 | 28.71 | 18.48 | 38.93 | 29.77 | 21.04 | 38.51 |
| White | 2380 | 33.48 | 30.68 | 36.27 | 33.27 | 30.51 | 36.03 |
| EDUCATION | | | | | | | |
| <HS | 353 | 42.08 | 32.94 | 51.22 | 45.44 | 37.43 | 53.46 |
| HS | 1022 | 33.57 | 29.14 | 38.00 | 33.54 | 29.25 | 37.83 |
| >HS | 1414 | 30.29 | 26.88 | 33.70 | 30.00 | 26.64 | 33.36 |
| INCOME | | | | | | | |
| <\$15,000 | 417 | 58.14 | 50.21 | 66.08 | 60.94 | 52.60 | 69.28 |
| \$15-24,999 | 539 | 39.17 | 33.23 | 45.12 | 39.51 | 33.66 | 45.36 |
| \$25-24,999 | 358 | 37.71 | 30.50 | 44.92 | 37.06 | 29.90 | 44.22 |
| \$35-49,999 | 416 | 27.44 | 21.20 | 33.69 | 27.87 | 22.00 | 33.74 |
| \$50-74,999 | 383 | 25.78 | 20.04 | 31.51 | 26.29 | 19.53 | 33.05 |
| \$75,000+ | 385 | 23.65 | 17.68 | 29.62 | 26.05 | 19.39 | 32.71 |

Definition: “2” or greater response to the question “During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 3 - Disability:

Limited in activities because of physical, mental or emotional problems

Crude and Age-adjusted prevalence and 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 | 5195 | 21.40 | 19.84 | 22.95 | 20.91 | 19.39 | 22.44 |
| REGION | | | | | | | |
| Central | 653 | 23.59 | 19.23 | 27.95 | 23.49 | 19.32 | 27.66 |
| Kansas City | 922 | 20.51 | 17.51 | 23.51 | 19.89 | 17.08 | 22.71 |
| Northeast | 586 | 25.91 | 21.93 | 29.88 | 25.10 | 21.20 | 29.01 |
| Northwest | 666 | 24.02 | 20.02 | 28.02 | 23.57 | 19.83 | 27.31 |
| Southeast | 593 | 28.64 | 24.26 | 33.02 | 28.40 | 23.34 | 33.46 |
| Southwest | 646 | 23.15 | 19.28 | 27.02 | 22.61 | 18.82 | 26.40 |
| St. Louis | 1129 | 17.50 | 14.41 | 20.58 | 17.07 | 14.05 | 20.10 |
| GENDER | | | | | | | |
| Female | 3165 | 22.01 | 20.03 | 23.99 | 21.16 | 19.20 | 23.11 |
| Male | 2030 | 20.74 | 18.30 | 23.18 | 20.58 | 18.22 | 22.95 |
| RACE | | | | | | | |
| Black | 416 | 18.94 | 13.34 | 24.55 | 19.29 | 14.02 | 24.56 |
| Other | 283 | 21.72 | 15.60 | 27.84 | 25.00 | 18.97 | 31.02 |
| White | 4467 | 21.57 | 19.88 | 23.26 | 20.89 | 19.20 | 22.58 |
| EDUCATION | | | | | | | |
| <HS | 595 | 30.71 | 24.79 | 36.63 | 34.22 | 28.26 | 40.18 |
| HS | 1920 | 23.29 | 20.56 | 26.02 | 22.39 | 19.72 | 25.07 |
| >HS | 2673 | 18.39 | 16.41 | 20.37 | 18.06 | 16.06 | 20.07 |
| INCOME | | | | | | | |
| <\$15,000 | 584 | 53.23 | 45.83 | 60.64 | 55.79 | 49.50 | 62.08 |
| \$15-24,999 | 895 | 32.92 | 28.27 | 37.57 | 32.89 | 28.17 | 37.61 |
| \$25-24,999 | 668 | 22.33 | 18.07 | 26.59 | 22.02 | 17.72 | 26.32 |
| \$35-49,999 | 800 | 18.44 | 14.68 | 22.19 | 19.43 | 15.69 | 23.18 |
| \$50-74,999 | 756 | 14.36 | 11.28 | 17.44 | 14.77 | 11.65 | 17.89 |
| \$75,000+ | 863 | 9.68 | 7.23 | 12.14 | 9.39 | 6.93 | 11.84 |

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, 2007

Section 3 - Disability:

Has health problem that requires use of special equipment

Crude and Age-adjusted prevalence and 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 | 5196 | 7.46 | 6.48 | 8.43 | 7.25 | 6.31 | 8.19 |
| REGION | | | | | | | |
| Central | 655 | 6.03 | 4.14 | 7.92 | 5.98 | 4.18 | 7.77 |
| Kansas City | 924 | 6.22 | 4.62 | 7.82 | 6.18 | 4.64 | 7.72 |
| Northeast | 586 | 12.80 | 9.87 | 15.73 | 12.53 | 9.53 | 15.53 |
| Northwest | 666 | 8.34 | 5.93 | 10.76 | 7.85 | 5.68 | 10.03 |
| Southeast | 593 | 8.48 | 6.19 | 10.78 | 7.90 | 5.59 | 10.20 |
| Southwest | 645 | 6.54 | 4.55 | 8.53 | 6.09 | 4.28 | 7.90 |
| St. Louis | 1127 | 7.94 | 5.69 | 10.20 | 7.79 | 5.62 | 9.96 |
| GENDER | | | | | | | |
| Female | 3164 | 8.28 | 6.95 | 9.60 | 7.70 | 6.44 | 8.96 |
| Male | 2032 | 6.58 | 5.14 | 8.02 | 6.60 | 5.19 | 8.01 |
| RACE | | | | | | | |
| Black | 417 | 8.02 | 5.02 | 11.03 | 8.34 | 5.44 | 11.23 |
| Other | 282 | 7.81 | 3.72 | 11.91 | 8.76 | 4.68 | 12.84 |
| White | 4469 | 7.35 | 6.29 | 8.41 | 7.06 | 6.01 | 8.10 |
| EDUCATION | | | | | | | |
| <HS | 595 | 13.58 | 9.98 | 17.18 | 13.73 | 10.08 | 17.37 |
| HS | 1920 | 8.33 | 6.56 | 10.11 | 7.68 | 5.99 | 9.37 |
| >HS | 2674 | 5.70 | 4.49 | 6.91 | 5.79 | 4.63 | 6.95 |
| INCOME | | | | | | | |
| <\$15,000 | 585 | 23.21 | 17.76 | 28.67 | 22.18 | 16.85 | 27.51 |
| \$15-24,999 | 894 | 11.44 | 8.80 | 14.07 | 11.27 | 8.48 | 14.07 |
| \$25-24,999 | 668 | 7.16 | 4.60 | 9.73 | 7.01 | 4.16 | 9.85 |
| \$35-49,999 | 799 | 5.42 | 3.29 | 7.54 | 5.71 | 3.55 | 7.88 |
| \$50-74,999 | 756 | 3.27 | 1.77 | 4.76 | 3.52 | 1.90 | 5.14 |
| \$75,000+ | 862 | 3.25 | 1.00 | 5.50 | 4.58 | 1.31 | 7.86 |

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, 2007

Section 4 - Health Care Access:

No health care coverage

Crude and Age-adjusted prevalence and 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 | 5252 | 13.40 | 11.92 | 14.87 | 13.73 | 12.22 | 15.24 |
| REGION | | | | | | | |
| Central | 664 | 15.04 | 10.94 | 19.13 | 15.13 | 11.18 | 19.09 |
| Kansas City | 934 | 14.43 | 10.95 | 17.91 | 14.73 | 11.29 | 18.17 |
| Northeast | 591 | 17.03 | 12.89 | 21.18 | 18.27 | 14.05 | 22.50 |
| Northwest | 670 | 11.40 | 7.72 | 15.09 | 11.67 | 8.27 | 15.08 |
| Southeast | 596 | 19.65 | 15.39 | 23.91 | 20.91 | 16.10 | 25.72 |
| Southwest | 648 | 17.68 | 13.36 | 22.00 | 18.02 | 13.91 | 22.12 |
| St. Louis | 1149 | 8.49 | 5.95 | 11.02 | 8.52 | 5.90 | 11.14 |
| GENDER | | | | | | | |
| Female | 3208 | 11.92 | 10.33 | 13.52 | 12.34 | 10.66 | 14.03 |
| Male | 2044 | 15.00 | 12.45 | 17.55 | 15.06 | 12.59 | 17.52 |
| RACE | | | | | | | |
| Black | 429 | 18.62 | 12.85 | 24.38 | 18.78 | 13.38 | 24.19 |
| Other | 286 | 21.55 | 13.33 | 29.77 | 18.34 | 12.41 | 24.27 |
| White | 4506 | 12.27 | 10.75 | 13.79 | 12.82 | 11.21 | 14.43 |
| EDUCATION | | | | | | | |
| <HS | 600 | 29.16 | 22.20 | 36.13 | 33.56 | 27.06 | 40.06 |
| HS | 1941 | 16.75 | 14.07 | 19.43 | 18.12 | 15.30 | 20.94 |
| >HS | 2704 | 8.22 | 6.76 | 9.67 | 8.54 | 6.86 | 10.22 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 34.14 | 26.47 | 41.82 | 40.55 | 33.43 | 47.67 |
| \$15-24,999 | 908 | 28.30 | 23.46 | 33.14 | 32.23 | 27.28 | 37.18 |
| \$25-24,999 | 675 | 17.89 | 13.08 | 22.70 | 20.01 | 14.67 | 25.35 |
| \$35-49,999 | 805 | 11.44 | 8.07 | 14.81 | 10.89 | 7.71 | 14.06 |
| \$50-74,999 | 761 | 3.93 | 1.90 | 5.95 | 4.80 | 1.59 | 8.01 |
| \$75,000+ | 868 | 3.14 | 1.67 | 4.60 | 3.23 | 1.57 | 4.89 |

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, 2007

Section 4 - Health Care Access:

Think of 1 person as personal doctor or health care provider

Crude and Age-adjusted prevalence and 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 | 5259 | 76.15 | 74.16 | 78.14 | 75.73 | 73.83 | 77.64 |
| REGION | | | | | | | |
| Central | 665 | 71.71 | 66.77 | 76.65 | 72.34 | 67.78 | 76.90 |
| Kansas City | 933 | 73.97 | 69.98 | 77.96 | 73.48 | 69.80 | 77.16 |
| Northeast | 592 | 77.60 | 73.45 | 81.75 | 77.13 | 72.76 | 81.49 |
| Northwest | 670 | 77.34 | 72.82 | 81.86 | 77.47 | 73.23 | 81.72 |
| Southeast | 598 | 74.74 | 70.25 | 79.23 | 75.46 | 70.57 | 80.35 |
| Southwest | 649 | 77.41 | 72.97 | 81.85 | 76.91 | 72.56 | 81.25 |
| St. Louis | 1152 | 78.34 | 74.02 | 82.66 | 77.74 | 73.69 | 81.79 |
| GENDER | | | | | | | |
| Female | 3208 | 81.05 | 78.82 | 83.29 | 80.23 | 77.90 | 82.56 |
| Male | 2051 | 70.87 | 67.58 | 74.17 | 71.03 | 68.10 | 73.97 |
| RACE | | | | | | | |
| Black | 431 | 73.92 | 67.19 | 80.65 | 74.14 | 67.81 | 80.46 |
| Other | 286 | 65.16 | 56.37 | 73.96 | 68.27 | 61.14 | 75.41 |
| White | 4511 | 77.23 | 75.08 | 79.38 | 76.46 | 74.40 | 78.51 |
| EDUCATION | | | | | | | |
| <HS | 600 | 64.53 | 57.10 | 71.96 | 64.99 | 58.39 | 71.59 |
| HS | 1948 | 73.30 | 69.76 | 76.85 | 73.41 | 70.21 | 76.61 |
| >HS | 2704 | 80.27 | 77.87 | 82.67 | 79.61 | 77.00 | 82.22 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 62.36 | 54.59 | 70.13 | 61.66 | 54.75 | 68.58 |
| \$15-24,999 | 909 | 70.77 | 65.68 | 75.85 | 69.82 | 64.92 | 74.71 |
| \$25-24,999 | 676 | 73.49 | 67.62 | 79.36 | 72.83 | 67.20 | 78.47 |
| \$35-49,999 | 806 | 78.55 | 74.42 | 82.69 | 79.10 | 75.18 | 83.03 |
| \$50-74,999 | 762 | 83.17 | 79.30 | 87.05 | 80.48 | 75.71 | 85.26 |
| \$75,000+ | 869 | 81.52 | 77.23 | 85.81 | 79.84 | 74.87 | 84.82 |

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, 2007

Section 4 - Health Care Access:

Think of more than 1 person as personal doctor or health care provider

Crude and Age-adjusted prevalence and 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 | 5259 | 6.38 | 5.36 | 7.41 | 6.43 | 5.36 | 7.50 |
| REGION | | | | | | | |
| Central | 665 | 6.70 | 4.72 | 8.68 | 7.08 | 4.99 | 9.17 |
| Kansas City | 933 | 5.77 | 3.94 | 7.60 | 5.68 | 3.86 | 7.51 |
| Northeast | 592 | 6.23 | 4.37 | 8.09 | 5.65 | 3.93 | 7.37 |
| Northwest | 670 | 6.65 | 4.28 | 9.02 | 6.03 | 3.97 | 8.10 |
| Southeast | 598 | 5.44 | 3.40 | 7.48 | 5.30 | 3.13 | 7.47 |
| Southwest | 649 | 4.70 | 2.41 | 7.00 | 4.63 | 2.35 | 6.90 |
| St. Louis | 1152 | 7.57 | 5.23 | 9.92 | 7.77 | 5.33 | 10.21 |
| GENDER | | | | | | | |
| Female | 3208 | 6.67 | 5.25 | 8.09 | 6.83 | 5.30 | 8.36 |
| Male | 2051 | 6.08 | 4.61 | 7.54 | 6.19 | 4.67 | 7.71 |
| RACE | | | | | | | |
| Black | 431 | 6.61 | 3.34 | 9.88 | 6.69 | 3.47 | 9.91 |
| Other | 286 | 6.88 | 3.42 | 10.33 | 7.37 | 3.85 | 10.88 |
| White | 4511 | 6.29 | 5.16 | 7.42 | 6.35 | 5.14 | 7.56 |
| EDUCATION | | | | | | | |
| <HS | 600 | 7.52 | 4.38 | 10.66 | 8.81 | 4.77 | 12.86 |
| HS | 1948 | 6.92 | 4.99 | 8.84 | 6.54 | 4.61 | 8.46 |
| >HS | 2704 | 5.84 | 4.56 | 7.12 | 5.91 | 4.58 | 7.23 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 10.98 | 5.97 | 15.98 | 10.05 | 5.79 | 14.30 |
| \$15-24,999 | 909 | 4.45 | 2.83 | 6.06 | 3.57 | 2.22 | 4.92 |
| \$25-24,999 | 676 | 7.00 | 4.01 | 9.99 | 6.75 | 3.69 | 9.81 |
| \$35-49,999 | 806 | 5.65 | 3.31 | 8.00 | 5.92 | 3.60 | 8.24 |
| \$50-74,999 | 762 | 6.15 | 3.42 | 8.89 | 8.28 | 4.24 | 12.31 |
| \$75,000+ | 869 | 6.31 | 4.04 | 8.59 | 5.85 | 3.83 | 7.88 |

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, 2007

Section 4 - Health Care Access:

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

Crude and Age-adjusted prevalence and 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 | 5259 | 17.47 | 15.60 | 19.33 | 17.84 | 16.10 | 19.57 |
| REGION | | | | | | | |
| Central | 665 | 21.59 | 16.75 | 26.43 | 20.58 | 16.32 | 24.85 |
| Kansas City | 933 | 20.25 | 16.40 | 24.11 | 20.84 | 17.26 | 24.42 |
| Northeast | 592 | 16.17 | 12.27 | 20.07 | 17.22 | 13.13 | 21.31 |
| Northwest | 670 | 16.01 | 11.85 | 20.17 | 16.49 | 12.60 | 20.39 |
| Southeast | 598 | 19.82 | 15.54 | 24.09 | 19.24 | 14.66 | 23.83 |
| Southwest | 649 | 17.88 | 13.77 | 22.00 | 18.47 | 14.44 | 22.50 |
| St. Louis | 1152 | 14.09 | 10.08 | 18.10 | 14.49 | 10.91 | 18.07 |
| GENDER | | | | | | | |
| Female | 3208 | 12.28 | 10.38 | 14.17 | 12.94 | 10.94 | 14.93 |
| Male | 2051 | 23.05 | 19.84 | 26.26 | 22.78 | 20.12 | 25.43 |
| RACE | | | | | | | |
| Black | 431 | 19.47 | 13.48 | 25.46 | 19.18 | 13.55 | 24.80 |
| Other | 286 | 27.96 | 19.30 | 36.62 | 24.36 | 17.76 | 30.97 |
| White | 4511 | 16.48 | 14.47 | 18.48 | 17.19 | 15.31 | 19.07 |
| EDUCATION | | | | | | | |
| <HS | 600 | 27.95 | 20.52 | 35.38 | 26.20 | 20.27 | 32.13 |
| HS | 1948 | 19.78 | 16.44 | 23.12 | 20.05 | 17.07 | 23.03 |
| >HS | 2704 | 13.89 | 11.72 | 16.07 | 14.48 | 12.09 | 16.88 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 26.66 | 18.95 | 34.38 | 28.29 | 21.35 | 35.23 |
| \$15-24,999 | 909 | 24.79 | 19.73 | 29.85 | 26.61 | 21.79 | 31.44 |
| \$25-24,999 | 676 | 19.51 | 13.91 | 25.10 | 20.41 | 15.32 | 25.51 |
| \$35-49,999 | 806 | 15.79 | 12.15 | 19.44 | 14.98 | 11.66 | 18.30 |
| \$50-74,999 | 762 | 10.68 | 7.64 | 13.71 | 11.24 | 7.34 | 15.14 |
| \$75,000+ | 869 | 12.17 | 8.20 | 16.14 | 14.30 | 9.66 | 18.94 |

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, 2007

Section 4 - Health Care Access:

Needed to see a doctor in past 12 months but could not due to cost

Crude and Age-adjusted prevalence and 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 | 5256 | 14.97 | 13.49 | 16.46 | 15.23 | 13.71 | 16.76 |
| REGION | | | | | | | |
| Central | 665 | 12.89 | 9.54 | 16.23 | 13.39 | 9.96 | 16.82 |
| Kansas City | 931 | 16.13 | 12.88 | 19.37 | 16.29 | 12.98 | 19.61 |
| Northeast | 592 | 15.15 | 11.42 | 18.88 | 16.08 | 12.13 | 20.03 |
| Northwest | 668 | 12.72 | 9.35 | 16.10 | 12.99 | 9.70 | 16.28 |
| Southeast | 598 | 19.42 | 15.28 | 23.55 | 21.29 | 16.37 | 26.21 |
| Southwest | 650 | 20.55 | 16.36 | 24.73 | 20.95 | 16.74 | 25.16 |
| St. Louis | 1152 | 11.68 | 8.83 | 14.52 | 11.79 | 8.85 | 14.72 |
| GENDER | | | | | | | |
| Female | 3204 | 17.80 | 15.71 | 19.89 | 18.51 | 16.30 | 20.72 |
| Male | 2052 | 11.93 | 9.84 | 14.02 | 11.87 | 9.80 | 13.94 |
| RACE | | | | | | | |
| Black | 431 | 19.95 | 13.97 | 25.94 | 20.02 | 14.33 | 25.71 |
| Other | 284 | 22.02 | 14.99 | 29.05 | 21.63 | 15.41 | 27.84 |
| White | 4511 | 13.98 | 12.40 | 15.55 | 14.38 | 12.72 | 16.03 |
| EDUCATION | | | | | | | |
| <HS | 598 | 27.13 | 21.11 | 33.15 | 32.64 | 26.44 | 38.85 |
| HS | 1947 | 17.92 | 15.05 | 20.78 | 18.97 | 16.06 | 21.87 |
| >HS | 2704 | 10.76 | 9.12 | 12.39 | 10.66 | 8.89 | 12.43 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 34.81 | 27.70 | 41.91 | 41.25 | 34.27 | 48.22 |
| \$15-24,999 | 907 | 30.37 | 25.67 | 35.06 | 33.68 | 28.80 | 38.57 |
| \$25-24,999 | 676 | 17.40 | 13.28 | 21.51 | 19.73 | 15.33 | 24.13 |
| \$35-49,999 | 806 | 13.71 | 10.22 | 17.20 | 13.45 | 10.10 | 16.81 |
| \$50-74,999 | 762 | 6.14 | 3.83 | 8.46 | 5.06 | 3.16 | 6.96 |
| \$75,000+ | 870 | 3.48 | 1.89 | 5.06 | 3.67 | 1.71 | 5.63 |

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, 2007

Section 4 - Health Care Access:

Had routine checkup by doctor within past year

Crude and Age-adjusted prevalence and 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 | 5219 | 60.81 | 58.70 | 62.92 | 59.92 | 57.82 | 62.03 |
| REGION | | | | | | | |
| Central | 661 | 61.50 | 56.40 | 66.59 | 60.75 | 55.85 | 65.66 |
| Kansas City | 930 | 60.73 | 56.63 | 64.84 | 60.38 | 56.35 | 64.41 |
| Northeast | 584 | 53.11 | 48.08 | 58.14 | 50.82 | 46.17 | 55.46 |
| Northwest | 663 | 58.34 | 53.03 | 63.65 | 57.78 | 52.89 | 62.67 |
| Southeast | 593 | 55.93 | 51.03 | 60.84 | 55.67 | 50.47 | 60.86 |
| Southwest | 642 | 55.16 | 50.25 | 60.08 | 53.94 | 49.10 | 58.79 |
| St. Louis | 1146 | 65.64 | 61.08 | 70.19 | 64.79 | 60.26 | 69.31 |
| GENDER | | | | | | | |
| Female | 3182 | 65.11 | 62.55 | 67.68 | 63.71 | 61.04 | 66.38 |
| Male | 2037 | 56.21 | 52.83 | 59.59 | 56.09 | 52.82 | 59.37 |
| RACE | | | | | | | |
| Black | 431 | 78.71 | 72.93 | 84.49 | 78.64 | 73.12 | 84.15 |
| Other | 286 | 49.51 | 40.51 | 58.51 | 53.58 | 46.55 | 60.61 |
| White | 4471 | 60.04 | 57.78 | 62.29 | 58.75 | 56.46 | 61.05 |
| EDUCATION | | | | | | | |
| <HS | 593 | 56.32 | 49.04 | 63.60 | 51.95 | 45.38 | 58.52 |
| HS | 1933 | 59.67 | 56.14 | 63.20 | 57.62 | 54.13 | 61.11 |
| >HS | 2686 | 62.45 | 59.64 | 65.26 | 62.05 | 59.11 | 64.98 |
| INCOME | | | | | | | |
| <\$15,000 | 586 | 63.35 | 55.84 | 70.85 | 58.93 | 51.49 | 66.38 |
| \$15-24,999 | 905 | 51.32 | 46.15 | 56.50 | 47.93 | 43.12 | 52.74 |
| \$25-24,999 | 671 | 59.70 | 53.67 | 65.72 | 56.64 | 50.63 | 62.65 |
| \$35-49,999 | 798 | 53.99 | 48.69 | 59.29 | 55.16 | 50.46 | 59.87 |
| \$50-74,999 | 759 | 60.01 | 55.18 | 64.84 | 59.73 | 54.46 | 64.99 |
| \$75,000+ | 868 | 66.38 | 61.63 | 71.13 | 66.21 | 60.55 | 71.87 |

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, 2007

Section 4 - Health Care Access:

Had routine checkup by doctor more than 1 year ago but less then 2 years ago

Crude and Age-adjusted prevalence and 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 | 5219 | 13.92 | 12.38 | 15.47 | 14.18 | 12.60 | 15.77 |
| REGION | | | | | | | |
| Central | 661 | 12.09 | 8.59 | 15.60 | 11.97 | 8.72 | 15.21 |
| Kansas City | 930 | 15.78 | 12.82 | 18.74 | 15.80 | 12.77 | 18.84 |
| Northeast | 584 | 16.87 | 12.58 | 21.15 | 16.79 | 12.74 | 20.84 |
| Northwest | 663 | 13.65 | 9.77 | 17.53 | 13.78 | 9.88 | 17.68 |
| Southeast | 593 | 14.66 | 11.18 | 18.14 | 14.64 | 11.00 | 18.28 |
| Southwest | 642 | 12.86 | 9.38 | 16.34 | 12.79 | 9.32 | 16.25 |
| St. Louis | 1146 | 13.45 | 10.08 | 16.82 | 13.84 | 10.30 | 17.38 |
| GENDER | | | | | | | |
| Female | 3182 | 14.01 | 12.27 | 15.74 | 14.51 | 12.64 | 16.38 |
| Male | 2037 | 13.84 | 11.24 | 16.43 | 13.79 | 11.25 | 16.33 |
| RACE | | | | | | | |
| Black | 431 | 9.70 | 6.01 | 13.40 | 10.07 | 6.35 | 13.79 |
| Other | 286 | 14.96 | 9.44 | 20.48 | 14.13 | 9.38 | 18.89 |
| White | 4471 | 14.26 | 12.54 | 15.97 | 14.67 | 12.87 | 16.48 |
| EDUCATION | | | | | | | |
| <HS | 593 | 10.82 | 5.37 | 16.27 | 8.86 | 5.19 | 12.52 |
| HS | 1933 | 13.24 | 10.99 | 15.49 | 13.84 | 11.42 | 16.26 |
| >HS | 2686 | 14.98 | 12.81 | 17.15 | 15.11 | 12.67 | 17.55 |
| INCOME | | | | | | | |
| <\$15,000 | 586 | 10.37 | 3.76 | 16.99 | 10.53 | 5.46 | 15.60 |
| \$15-24,999 | 905 | 15.13 | 11.58 | 18.68 | 16.25 | 12.11 | 20.39 |
| \$25-24,999 | 671 | 11.86 | 8.42 | 15.29 | 12.29 | 8.72 | 15.86 |
| \$35-49,999 | 798 | 14.70 | 10.97 | 18.44 | 14.29 | 10.84 | 17.74 |
| \$50-74,999 | 759 | 15.98 | 12.47 | 19.49 | 17.42 | 12.88 | 21.96 |
| \$75,000+ | 868 | 15.32 | 11.32 | 19.32 | 16.07 | 10.41 | 21.73 |

Definition: “Within past 2 years (1 year but less then 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, 2007

Section 4 - Health Care Access:

Had routine checkup by doctor more than 2 years ago but less than 5 years ago

Crude and Age-adjusted prevalence and 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 | 5219 | 11.40 | 9.91 | 12.89 | 11.72 | 10.20 | 13.23 |
| REGION | | | | | | | |
| Central | 661 | 10.51 | 7.27 | 13.74 | 11.17 | 7.85 | 14.48 |
| Kansas City | 930 | 10.79 | 8.10 | 13.48 | 10.98 | 8.22 | 13.73 |
| Northeast | 584 | 13.47 | 9.70 | 17.24 | 14.05 | 10.10 | 18.00 |
| Northwest | 663 | 15.03 | 10.75 | 19.31 | 14.76 | 10.81 | 18.72 |
| Southeast | 593 | 10.60 | 7.27 | 13.92 | 11.29 | 7.60 | 14.97 |
| Southwest | 642 | 13.36 | 9.72 | 17.00 | 13.66 | 9.96 | 17.37 |
| St. Louis | 1146 | 10.74 | 7.48 | 14.01 | 11.08 | 7.76 | 14.40 |
| GENDER | | | | | | | |
| Female | 3182 | 10.51 | 8.52 | 12.50 | 11.12 | 9.02 | 13.21 |
| Male | 2037 | 12.35 | 10.13 | 14.58 | 12.38 | 10.18 | 14.59 |
| RACE | | | | | | | |
| Black | 431 | 4.38 | 2.09 | 6.67 | 4.54 | 2.18 | 6.89 |
| Other | 286 | 17.86 | 8.40 | 27.31 | 15.19 | 8.72 | 21.66 |
| White | 4471 | 11.54 | 10.00 | 13.08 | 12.03 | 10.40 | 13.67 |
| EDUCATION | | | | | | | |
| <HS | 593 | 12.57 | 7.81 | 17.33 | 13.66 | 8.88 | 18.45 |
| HS | 1933 | 11.52 | 8.68 | 14.36 | 11.65 | 8.99 | 14.30 |
| >HS | 2686 | 11.11 | 9.27 | 12.95 | 11.33 | 9.31 | 13.35 |
| INCOME | | | | | | | |
| <\$15,000 | 586 | 11.07 | 6.23 | 15.91 | 13.08 | 7.99 | 18.17 |
| \$15-24,999 | 905 | 15.52 | 10.55 | 20.49 | 15.44 | 11.31 | 19.57 |
| \$25-24,999 | 671 | 8.25 | 5.78 | 10.72 | 9.60 | 6.60 | 12.61 |
| \$35-49,999 | 798 | 15.52 | 10.62 | 20.43 | 14.83 | 10.61 | 19.04 |
| \$50-74,999 | 759 | 10.13 | 7.06 | 13.19 | 10.29 | 6.50 | 14.09 |
| \$75,000+ | 868 | 10.12 | 7.19 | 13.04 | 10.14 | 6.44 | 13.85 |

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, 2007

Section 4 - Health Care Access:

Had routine checkup by a doctor 5 or more years ago

Crude and Age-adjusted prevalence and 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 | 5219 | 11.89 | 10.52 | 13.26 | 12.17 | 10.76 | 13.58 |
| REGION | | | | | | | |
| Central | 661 | 14.09 | 10.40 | 17.78 | 14.39 | 10.75 | 18.03 |
| Kansas City | 930 | 10.26 | 7.59 | 12.92 | 10.26 | 7.54 | 12.98 |
| Northeast | 584 | 12.70 | 9.17 | 16.22 | 13.96 | 10.18 | 17.73 |
| Northwest | 663 | 10.91 | 7.82 | 14.00 | 11.62 | 8.46 | 14.79 |
| Southeast | 593 | 16.43 | 12.73 | 20.13 | 16.23 | 12.47 | 20.00 |
| Southwest | 642 | 16.17 | 12.26 | 20.07 | 17.27 | 13.24 | 21.30 |
| St. Louis | 1146 | 8.96 | 6.31 | 11.62 | 9.03 | 6.27 | 11.78 |
| GENDER | | | | | | | |
| Female | 3182 | 9.04 | 7.56 | 10.51 | 9.30 | 7.75 | 10.86 |
| Male | 2037 | 14.94 | 12.59 | 17.29 | 15.08 | 12.74 | 17.42 |
| RACE | | | | | | | |
| Black | 431 | 6.92 | 2.91 | 10.93 | 6.46 | 2.80 | 10.12 |
| Other | 286 | 14.39 | 8.88 | 19.91 | 14.88 | 9.53 | 20.23 |
| White | 4471 | 12.16 | 10.65 | 13.67 | 12.49 | 10.91 | 14.08 |
| EDUCATION | | | | | | | |
| <HS | 593 | 16.68 | 11.63 | 21.72 | 21.41 | 15.56 | 27.25 |
| HS | 1933 | 12.34 | 10.00 | 14.68 | 13.50 | 10.91 | 16.09 |
| >HS | 2686 | 10.63 | 8.87 | 12.40 | 10.62 | 8.64 | 12.59 |
| INCOME | | | | | | | |
| <\$15,000 | 586 | 13.30 | 8.88 | 17.71 | 15.68 | 10.17 | 21.18 |
| \$15-24,999 | 905 | 16.25 | 12.29 | 20.21 | 18.59 | 14.29 | 22.89 |
| \$25-24,999 | 671 | 15.90 | 10.40 | 21.41 | 16.83 | 11.06 | 22.60 |
| \$35-49,999 | 798 | 13.68 | 10.36 | 17.01 | 13.75 | 10.59 | 16.92 |
| \$50-74,999 | 759 | 12.10 | 8.79 | 15.41 | 10.82 | 7.76 | 13.88 |
| \$75,000+ | 868 | 7.40 | 5.08 | 9.71 | 6.91 | 4.57 | 9.26 |

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, 2007

Section 4 - Health Care Access:

Never had a routine checkup by a doctor

Crude and Age-adjusted prevalence and 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 | 5219 | 1.97 | 1.37 | 2.58 | 2.00 | 1.38 | 2.63 |
| REGION | | | | | | | |
| Central | 661 | 1.81 | 0.34 | 3.28 | 1.72 | 0.41 | 3.03 |
| Kansas City | 930 | 2.45 | 0.41 | 4.48 | 2.58 | 0.45 | 4.70 |
| Northeast | 584 | 3.86 | 2.04 | 5.68 | 4.39 | 2.27 | 6.52 |
| Northwest | 663 | 2.06 | 0.52 | 3.61 | 2.05 | 0.59 | 3.52 |
| Southeast | 593 | 2.38 | 0.96 | 3.80 | 2.17 | 0.88 | 3.47 |
| Southwest | 642 | 2.45 | 1.08 | 3.82 | 2.34 | 1.01 | 3.66 |
| St. Louis | 1146 | 1.21 | 0.28 | 2.14 | 1.26 | 0.27 | 2.25 |
| GENDER | | | | | | | |
| Female | 3182 | 1.33 | 0.83 | 1.84 | 1.36 | 0.81 | 1.90 |
| Male | 2037 | 2.66 | 1.53 | 3.79 | 2.65 | 1.54 | 3.76 |
| RACE | | | | | | | |
| Black | 431 | 0.29 | -0.08 | 0.66 | 0.30 | -0.09 | 0.69 |
| Other | 286 | 3.28 | -1.97 | 8.52 | 2.22 | -0.83 | 5.26 |
| White | 4471 | 2.01 | 1.44 | 2.58 | 2.05 | 1.45 | 2.65 |
| EDUCATION | | | | | | | |
| <HS | 593 | 3.62 | 1.87 | 5.37 | 4.12 | 2.07 | 6.18 |
| HS | 1933 | 3.23 | 1.75 | 4.72 | 3.39 | 1.92 | 4.86 |
| >HS | 2686 | 0.83 | 0.34 | 1.32 | 0.90 | 0.31 | 1.49 |
| INCOME | | | | | | | |
| <\$15,000 | 586 | 1.91 | -0.11 | 3.92 | 1.79 | 0.16 | 3.41 |
| \$15-24,999 | 905 | 1.78 | 0.56 | 2.99 | 1.79 | 0.52 | 3.06 |
| \$25-24,999 | 671 | 4.29 | 1.09 | 7.50 | 4.64 | 1.43 | 7.85 |
| \$35-49,999 | 798 | 2.10 | 0.65 | 3.54 | 1.97 | 0.65 | 3.28 |
| \$50-74,999 | 759 | 1.78 | 0.66 | 2.90 | 1.74 | 0.57 | 2.91 |
| \$75,000+ | 868 | 0.78 | 0.01 | 1.55 | 0.67 | 0.04 | 1.30 |

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, 2007

**Section 5 – Exercise and Physical Activity:
No leisure time physical activity in past month**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.1 | 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 | 5260 | 25.55 | 23.82 | 27.28 | 25.42 | 23.68 | 27.15 |
| REGION | | | | | | | |
| Central | 664 | 21.16 | 17.08 | 25.25 | 21.64 | 17.63 | 25.66 |
| Kansas City | 934 | 27.03 | 23.47 | 30.59 | 26.52 | 22.91 | 30.13 |
| Northeast | 592 | 26.03 | 21.81 | 30.25 | 25.07 | 20.78 | 29.36 |
| Northwest | 670 | 23.07 | 19.40 | 26.73 | 22.84 | 19.46 | 26.23 |
| Southeast | 598 | 32.16 | 27.65 | 36.67 | 32.71 | 27.46 | 37.95 |
| Southwest | 650 | 30.64 | 26.07 | 35.22 | 30.09 | 25.49 | 34.69 |
| St. Louis | 1152 | 22.45 | 18.98 | 25.92 | 22.60 | 19.28 | 25.92 |
| GENDER | | | | | | | |
| Female | 3207 | 27.56 | 25.30 | 29.82 | 27.26 | 24.96 | 29.55 |
| Male | 2053 | 23.39 | 20.74 | 26.03 | 23.42 | 20.81 | 26.03 |
| RACE | | | | | | | |
| Black | 430 | 34.26 | 26.72 | 41.80 | 35.03 | 28.39 | 41.68 |
| Other | 286 | 27.05 | 19.47 | 34.63 | 28.92 | 22.10 | 35.74 |
| White | 4513 | 24.58 | 22.75 | 26.41 | 24.32 | 22.46 | 26.18 |
| EDUCATION | | | | | | | |
| <HS | 601 | 41.76 | 34.91 | 48.62 | 44.92 | 38.55 | 51.28 |
| HS | 1948 | 30.59 | 27.53 | 33.65 | 30.64 | 27.52 | 33.77 |
| >HS | 2704 | 19.23 | 17.08 | 21.39 | 19.07 | 16.93 | 21.21 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 46.87 | 39.67 | 54.07 | 45.40 | 38.41 | 52.40 |
| \$15-24,999 | 909 | 36.13 | 31.49 | 40.78 | 36.14 | 31.42 | 40.87 |
| \$25-24,999 | 676 | 25.32 | 20.69 | 29.94 | 26.45 | 21.86 | 31.04 |
| \$35-49,999 | 806 | 27.59 | 23.00 | 32.18 | 28.03 | 23.55 | 32.51 |
| \$50-74,999 | 761 | 16.77 | 13.07 | 20.47 | 17.26 | 12.93 | 21.58 |
| \$75,000+ | 870 | 14.77 | 11.25 | 18.28 | 14.51 | 11.00 | 18.01 |

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, 2007

Section 5: Exercise and Physical Activity:

Mostly sit or stand while at work

Crude and Age-adjusted prevalence and 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 | 2708 | 63.12 | 60.38 | 65.86 | 62.90 | 59.92 | 65.87 |
| REGION | | | | | | | |
| Central | 345 | 60.99 | 54.12 | 67.86 | 61.62 | 54.77 | 68.48 |
| Kansas City | 484 | 65.22 | 59.70 | 70.74 | 66.85 | 61.29 | 72.40 |
| Northeast | 298 | 61.31 | 54.63 | 68.00 | 59.12 | 52.13 | 66.11 |
| Northwest | 357 | 53.75 | 46.47 | 61.04 | 53.96 | 47.11 | 60.81 |
| Southeast | 263 | 59.18 | 52.30 | 66.05 | 58.48 | 51.03 | 65.93 |
| Southwest | 333 | 54.34 | 47.61 | 61.06 | 54.64 | 48.18 | 61.10 |
| St. Louis | 628 | 68.57 | 63.07 | 74.06 | 67.73 | 61.33 | 74.13 |
| GENDER | | | | | | | |
| Female | 1505 | 70.13 | 66.72 | 73.55 | 70.20 | 66.48 | 73.91 |
| Male | 1203 | 57.31 | 53.22 | 61.41 | 56.98 | 52.57 | 61.40 |
| RACE | | | | | | | |
| Black | 191 | 66.38 | 57.01 | 75.74 | 69.23 | 60.00 | 78.46 |
| Other | 146 | 50.72 | 38.87 | 62.56 | 55.90 | 45.81 | 66.00 |
| White | 2361 | 63.81 | 60.91 | 66.72 | 63.46 | 60.27 | 66.64 |
| EDUCATION | | | | | | | |
| <HS | 150 | 42.92 | 30.50 | 55.33 | 49.60 | 40.15 | 59.05 |
| HS | 914 | 50.47 | 45.37 | 55.57 | 50.00 | 44.99 | 55.02 |
| >HS | 1641 | 71.42 | 68.25 | 74.58 | 71.98 | 68.35 | 75.61 |
| INCOME | | | | | | | |
| <\$15,000 | 96 | 41.21 | 23.58 | 58.84 | 48.43 | 35.15 | 61.70 |
| \$15-24,999 | 329 | 50.21 | 41.45 | 58.98 | 51.16 | 44.19 | 58.13 |
| \$25-24,999 | 341 | 55.93 | 47.40 | 64.46 | 54.14 | 45.89 | 62.39 |
| \$35-49,999 | 517 | 57.51 | 51.18 | 63.84 | 57.31 | 50.77 | 63.86 |
| \$50-74,999 | 558 | 63.97 | 58.17 | 69.78 | 63.32 | 55.17 | 71.47 |
| \$75,000+ | 661 | 76.22 | 71.53 | 80.90 | 72.79 | 65.80 | 79.78 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 –Exercise and Physical Activity:

Mostly walk while at work

Crude and Age-adjusted prevalence and 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 | 2708 | 20.54 | 18.26 | 22.81 | 20.82 | 18.36 | 23.28 |
| REGION | | | | | | | |
| Central | 345 | 18.64 | 13.95 | 23.32 | 19.12 | 14.16 | 24.08 |
| Kansas City | 484 | 23.09 | 18.08 | 28.11 | 21.98 | 16.97 | 26.99 |
| Northeast | 298 | 15.96 | 11.02 | 20.90 | 17.33 | 11.82 | 22.85 |
| Northwest | 357 | 25.52 | 18.41 | 32.63 | 24.20 | 17.85 | 30.54 |
| Southeast | 263 | 18.83 | 13.50 | 24.16 | 18.72 | 12.87 | 24.57 |
| Southwest | 333 | 22.65 | 16.74 | 28.56 | 23.83 | 17.85 | 29.81 |
| St. Louis | 628 | 19.20 | 14.71 | 23.69 | 19.41 | 14.40 | 24.43 |
| GENDER | | | | | | | |
| Female | 1505 | 22.30 | 19.13 | 25.47 | 22.43 | 18.95 | 25.91 |
| Male | 1203 | 19.08 | 15.87 | 22.30 | 19.58 | 16.14 | 23.02 |
| RACE | | | | | | | |
| Black | 191 | 24.68 | 16.51 | 32.84 | 23.86 | 15.16 | 32.55 |
| Other | 146 | 25.77 | 14.06 | 37.49 | 22.22 | 13.74 | 30.71 |
| White | 2361 | 19.88 | 17.51 | 22.25 | 20.20 | 17.64 | 22.75 |
| EDUCATION | | | | | | | |
| <HS | 150 | 24.45 | 13.45 | 35.45 | 21.69 | 13.53 | 29.86 |
| HS | 914 | 22.73 | 18.49 | 26.96 | 24.10 | 19.79 | 28.40 |
| >HS | 1641 | 19.10 | 16.34 | 21.86 | 18.11 | 15.15 | 21.06 |
| INCOME | | | | | | | |
| <\$15,000 | 96 | 29.76 | 11.79 | 47.73 | 28.30 | 14.68 | 41.93 |
| \$15-24,999 | 329 | 28.64 | 21.46 | 35.82 | 28.79 | 22.57 | 35.01 |
| \$25-24,999 | 341 | 25.33 | 17.60 | 33.05 | 25.22 | 17.70 | 32.75 |
| \$35-49,999 | 517 | 21.98 | 16.62 | 27.34 | 21.96 | 16.40 | 27.52 |
| \$50-74,999 | 558 | 19.24 | 14.28 | 24.21 | 16.88 | 11.70 | 22.06 |
| \$75,000+ | 661 | 14.57 | 10.80 | 18.35 | 17.69 | 10.89 | 24.49 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

Mostly do heavy labor or physically demanding work while at work

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.2.3 | 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 | 2708 | 16.34 | 14.18 | 18.50 | 16.29 | 13.94 | 18.64 |
| REGION | | | | | | | |
| Central | 345 | 20.38 | 13.81 | 26.95 | 19.25 | 13.29 | 25.22 |
| Kansas City | 484 | 11.69 | 7.89 | 15.49 | 11.17 | 7.23 | 15.12 |
| Northeast | 298 | 22.73 | 16.63 | 28.82 | 23.55 | 17.16 | 29.93 |
| Northwest | 357 | 20.73 | 14.85 | 26.61 | 21.85 | 15.96 | 27.73 |
| Southeast | 263 | 21.99 | 15.97 | 28.01 | 22.80 | 16.16 | 29.44 |
| Southwest | 333 | 23.01 | 17.13 | 28.90 | 21.52 | 16.01 | 27.03 |
| St. Louis | 628 | 12.24 | 8.07 | 16.40 | 12.86 | 7.75 | 17.97 |
| GENDER | | | | | | | |
| Female | 1505 | 7.57 | 5.75 | 9.39 | 7.37 | 5.57 | 9.18 |
| Male | 1203 | 23.60 | 20.05 | 27.16 | 23.44 | 19.64 | 27.23 |
| RACE | | | | | | | |
| Black | 191 | 8.95 | 3.05 | 14.84 | 6.91 | 2.44 | 11.39 |
| Other | 146 | 23.51 | 13.28 | 33.74 | 21.88 | 12.34 | 31.42 |
| White | 2361 | 16.30 | 13.98 | 18.63 | 16.35 | 13.80 | 18.89 |
| EDUCATION | | | | | | | |
| <HS | 150 | 32.63 | 18.78 | 46.48 | 28.71 | 18.69 | 38.72 |
| HS | 914 | 26.80 | 22.25 | 31.36 | 25.90 | 21.37 | 30.43 |
| >HS | 1641 | 9.48 | 7.45 | 11.51 | 9.91 | 7.36 | 12.46 |
| INCOME | | | | | | | |
| <\$15,000 | 96 | 29.03 | 6.60 | 51.46 | 23.27 | 12.42 | 34.12 |
| \$15-24,999 | 329 | 21.15 | 14.24 | 28.05 | 20.05 | 14.43 | 25.68 |
| \$25-24,999 | 341 | 18.74 | 13.01 | 24.48 | 20.64 | 14.21 | 27.07 |
| \$35-49,999 | 517 | 20.51 | 15.11 | 25.92 | 20.73 | 15.20 | 26.26 |
| \$50-74,999 | 558 | 16.78 | 12.15 | 21.42 | 19.80 | 12.21 | 27.40 |
| \$75,000+ | 661 | 9.21 | 5.84 | 12.58 | 9.52 | 5.01 | 14.03 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

Are moderately physically active at least 10 minutes at a time on 5 or more days of the week, when not at work

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.3.1 | 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 | 5077 | 47.01 | 44.85 | 49.17 | 47.10 | 44.93 | 49.26 |
| REGION | | | | | | | |
| Central | 644 | 47.56 | 42.28 | 52.84 | 47.59 | 42.54 | 52.64 |
| Kansas City | 903 | 39.80 | 35.81 | 43.80 | 39.78 | 35.68 | 43.88 |
| Northeast | 573 | 46.14 | 41.09 | 51.18 | 45.72 | 40.55 | 50.88 |
| Northwest | 654 | 50.16 | 44.82 | 55.49 | 50.28 | 45.25 | 55.31 |
| Southeast | 569 | 44.35 | 39.42 | 49.28 | 43.10 | 37.85 | 48.36 |
| Southwest | 627 | 53.90 | 49.01 | 58.79 | 54.30 | 49.46 | 59.15 |
| St. Louis | 1107 | 48.19 | 43.51 | 52.86 | 48.66 | 44.02 | 53.29 |
| GENDER | | | | | | | |
| Female | 3078 | 47.67 | 44.94 | 50.40 | 47.92 | 45.11 | 50.72 |
| Male | 1999 | 46.30 | 42.92 | 49.69 | 46.44 | 43.12 | 49.77 |
| RACE | | | | | | | |
| Black | 404 | 36.80 | 28.64 | 44.95 | 36.80 | 28.99 | 44.60 |
| Other | 274 | 37.74 | 29.17 | 46.30 | 38.07 | 30.46 | 45.67 |
| White | 4373 | 48.63 | 46.32 | 50.94 | 48.82 | 46.49 | 51.14 |
| EDUCATION | | | | | | | |
| <HS | 571 | 45.77 | 38.49 | 53.06 | 43.78 | 37.47 | 50.08 |
| HS | 1864 | 46.12 | 42.50 | 49.74 | 47.17 | 43.52 | 50.82 |
| >HS | 2635 | 47.81 | 44.93 | 50.70 | 48.36 | 45.38 | 51.34 |
| INCOME | | | | | | | |
| <\$15,000 | 567 | 46.61 | 38.89 | 54.32 | 48.26 | 41.36 | 55.15 |
| \$15-24,999 | 880 | 45.40 | 40.05 | 50.75 | 44.52 | 39.44 | 49.60 |
| \$25-24,999 | 659 | 45.65 | 39.64 | 51.65 | 46.21 | 39.99 | 52.42 |
| \$35-49,999 | 781 | 47.61 | 42.35 | 52.87 | 47.35 | 42.24 | 52.46 |
| \$50-74,999 | 742 | 50.50 | 45.48 | 55.51 | 50.43 | 44.72 | 56.13 |
| \$75,000+ | 852 | 48.49 | 43.55 | 53.44 | 51.44 | 46.15 | 56.73 |

Definition: Among all adults, “Yes” or “No” response to “Do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?” AND “5, 6, or 7” to “How many days per week do you do these moderate activities for at least 10 minutes at a time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.3.2 | 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 | 4914 | 38.43 | 36.26 | 40.60 | 38.41 | 36.22 | 40.59 |
| REGION | | | | | | | |
| Central | 622 | 39.41 | 34.12 | 44.69 | 39.36 | 34.33 | 44.38 |
| Kansas City | 881 | 33.16 | 29.26 | 37.05 | 33.09 | 29.13 | 37.05 |
| Northeast | 554 | 37.79 | 32.79 | 42.78 | 37.93 | 32.79 | 43.07 |
| Northwest | 638 | 38.87 | 33.46 | 44.29 | 39.38 | 34.25 | 44.50 |
| Southeast | 544 | 36.74 | 31.85 | 41.62 | 35.70 | 30.51 | 40.89 |
| Southwest | 608 | 41.76 | 36.84 | 46.68 | 41.85 | 36.91 | 46.80 |
| St. Louis | 1067 | 40.00 | 35.23 | 44.76 | 40.47 | 35.69 | 45.24 |
| GENDER | | | | | | | |
| Female | 2967 | 38.96 | 36.25 | 41.67 | 39.17 | 36.37 | 41.97 |
| Male | 1947 | 37.87 | 34.45 | 41.29 | 37.78 | 34.43 | 41.14 |
| RACE | | | | | | | |
| Black | 386 | 24.77 | 18.74 | 30.81 | 24.11 | 18.20 | 30.01 |
| Other | 260 | 27.24 | 19.84 | 34.63 | 27.83 | 21.04 | 34.63 |
| White | 4245 | 40.43 | 38.07 | 42.79 | 40.50 | 38.12 | 42.88 |
| EDUCATION | | | | | | | |
| <HS | 535 | 35.51 | 27.74 | 43.27 | 32.88 | 26.58 | 39.17 |
| HS | 1788 | 38.47 | 34.80 | 42.13 | 39.47 | 35.79 | 43.16 |
| >HS | 2584 | 38.96 | 36.10 | 41.83 | 39.29 | 36.24 | 42.33 |
| INCOME | | | | | | | |
| <\$15,000 | 549 | 37.56 | 29.42 | 45.70 | 39.21 | 31.78 | 46.65 |
| \$15-24,999 | 854 | 39.67 | 34.07 | 45.27 | 38.64 | 33.53 | 43.76 |
| \$25-24,999 | 637 | 34.83 | 29.35 | 40.32 | 35.28 | 29.88 | 40.69 |
| \$35-49,999 | 763 | 38.23 | 33.20 | 43.25 | 38.24 | 33.42 | 43.06 |
| \$50-74,999 | 726 | 42.20 | 37.09 | 47.32 | 42.04 | 36.26 | 47.82 |
| \$75,000+ | 838 | 39.93 | 34.97 | 44.90 | 42.45 | 37.21 | 47.70 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

**Are vigorously physically active for at least 10 minutes at a time on
3 or more days of the week, when not at work**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.4.1 | 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 | 5044 | 27.77 | 25.76 | 29.78 | 28.07 | 26.06 | 30.07 |
| REGION | | | | | | | |
| Central | 639 | 29.82 | 24.63 | 35.02 | 28.79 | 24.10 | 33.47 |
| Kansas City | 901 | 23.79 | 20.18 | 27.39 | 23.97 | 20.30 | 27.65 |
| Northeast | 568 | 29.95 | 24.95 | 34.95 | 30.61 | 25.74 | 35.48 |
| Northwest | 650 | 30.53 | 25.25 | 35.81 | 30.34 | 25.69 | 34.98 |
| Southeast | 566 | 26.31 | 21.64 | 30.97 | 27.40 | 22.06 | 32.73 |
| Southwest | 620 | 36.57 | 31.59 | 41.55 | 36.69 | 31.86 | 41.51 |
| St. Louis | 1100 | 25.24 | 20.94 | 29.53 | 25.49 | 21.17 | 29.81 |
| GENDER | | | | | | | |
| Female | 3068 | 23.49 | 21.10 | 25.87 | 24.03 | 21.58 | 26.49 |
| Male | 1976 | 32.36 | 29.10 | 35.63 | 32.42 | 29.26 | 35.58 |
| RACE | | | | | | | |
| Black | 402 | 21.29 | 13.11 | 29.46 | 21.50 | 14.06 | 28.94 |
| Other | 271 | 30.20 | 21.56 | 38.84 | 28.26 | 20.46 | 36.06 |
| White | 4344 | 28.18 | 26.03 | 30.33 | 28.64 | 26.45 | 30.82 |
| EDUCATION | | | | | | | |
| <HS | 570 | 25.38 | 18.29 | 32.47 | 23.48 | 17.69 | 29.28 |
| HS | 1852 | 25.71 | 22.63 | 28.79 | 26.45 | 23.21 | 29.69 |
| >HS | 2615 | 29.50 | 26.71 | 32.28 | 29.96 | 27.12 | 32.80 |
| INCOME | | | | | | | |
| <\$15,000 | 567 | 18.25 | 12.12 | 24.39 | 18.00 | 11.81 | 24.18 |
| \$15-24,999 | 877 | 22.24 | 17.76 | 26.72 | 23.51 | 18.74 | 28.29 |
| \$25-24,999 | 654 | 25.73 | 20.27 | 31.19 | 25.69 | 20.25 | 31.12 |
| \$35-49,999 | 774 | 29.68 | 24.73 | 34.63 | 28.40 | 23.92 | 32.88 |
| \$50-74,999 | 736 | 31.13 | 26.39 | 35.87 | 31.26 | 25.84 | 36.68 |
| \$75,000+ | 846 | 34.24 | 29.37 | 39.11 | 35.94 | 30.96 | 40.92 |

Definition: Among all adults, “Yes” or “No” response to “Do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increases in breathing or heart rate? AND “3, 4, 5, 6, or 7” to “How many days per week do you do these vigorous activities for at least 10 minutes at a time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.4.2 | 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 | 5007 | 25.46 | 23.48 | 27.45 | 25.73 | 23.77 | 27.70 |
| REGION | | | | | | | |
| Central | 635 | 27.93 | 22.78 | 33.09 | 26.84 | 22.23 | 31.45 |
| Kansas City | 895 | 21.66 | 18.16 | 25.16 | 21.88 | 18.31 | 25.46 |
| Northeast | 564 | 28.85 | 23.84 | 33.86 | 29.40 | 24.57 | 34.23 |
| Northwest | 642 | 28.79 | 23.48 | 34.10 | 28.61 | 23.96 | 33.25 |
| Southeast | 565 | 23.68 | 19.13 | 28.24 | 24.92 | 19.67 | 30.16 |
| Southwest | 610 | 33.43 | 28.47 | 38.38 | 33.65 | 28.84 | 38.46 |
| St. Louis | 1096 | 22.97 | 18.75 | 27.19 | 23.19 | 19.00 | 27.37 |
| GENDER | | | | | | | |
| Female | 3048 | 21.59 | 19.23 | 23.95 | 22.14 | 19.72 | 24.56 |
| Male | 1959 | 29.63 | 26.42 | 32.85 | 29.67 | 26.58 | 32.77 |
| RACE | | | | | | | |
| Black | 401 | 17.66 | 10.14 | 25.18 | 17.95 | 11.32 | 24.59 |
| Other | 269 | 28.81 | 20.16 | 37.46 | 26.74 | 18.99 | 34.48 |
| White | 4310 | 25.91 | 23.79 | 28.03 | 26.36 | 24.21 | 28.52 |
| EDUCATION | | | | | | | |
| <HS | 566 | 23.95 | 16.80 | 31.09 | 22.09 | 16.37 | 27.81 |
| HS | 1832 | 22.53 | 19.59 | 25.47 | 23.24 | 20.13 | 26.35 |
| >HS | 2602 | 27.54 | 24.78 | 30.29 | 27.99 | 25.19 | 30.79 |
| INCOME | | | | | | | |
| <\$15,000 | 564 | 17.26 | 11.14 | 23.39 | 17.12 | 10.99 | 23.26 |
| \$15-24,999 | 869 | 20.23 | 15.77 | 24.68 | 21.61 | 16.89 | 26.34 |
| \$25-24,999 | 652 | 22.99 | 17.70 | 28.29 | 22.93 | 17.72 | 28.14 |
| \$35-49,999 | 771 | 27.44 | 22.55 | 32.34 | 26.13 | 21.74 | 30.53 |
| \$50-74,999 | 733 | 28.64 | 23.98 | 33.30 | 28.98 | 23.61 | 34.34 |
| \$75,000+ | 843 | 32.11 | 27.31 | 36.92 | 34.12 | 29.23 | 39.01 |

Definition: Among all adults, “Yes” or “No” response to “Do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increases in breathing or heart rate?” AND “3, 4, 5, 6, or 7” days response to “How many days per week do you do these vigorous activities for at least 10 minutes at a time?” AND “20 or greater minutes response to “On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 5 – Exercise and Physical Activity:

**Meet CDC recommendation of 30 minutes moderate activity 5 or more days per week or
20 minutes vigorous physical activity 3 or more days per week, when not at work**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 5.5 | 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 | 4894 | 48.79 | 46.59 | 50.99 | 48.86 | 46.68 | 51.04 |
| REGION | | | | | | | |
| Central | 623 | 49.34 | 43.97 | 54.72 | 48.95 | 43.85 | 54.05 |
| Kansas City | 879 | 42.94 | 38.82 | 47.06 | 42.98 | 38.78 | 47.18 |
| Northeast | 552 | 49.73 | 44.57 | 54.90 | 49.89 | 44.73 | 55.05 |
| Northwest | 632 | 50.50 | 45.07 | 55.92 | 50.77 | 45.73 | 55.80 |
| Southeast | 543 | 47.34 | 42.23 | 52.46 | 47.05 | 41.33 | 52.78 |
| Southwest | 601 | 53.91 | 48.93 | 58.88 | 54.12 | 49.20 | 59.05 |
| St. Louis | 1064 | 49.64 | 44.89 | 54.40 | 49.81 | 45.16 | 54.47 |
| GENDER | | | | | | | |
| Female | 2961 | 47.53 | 44.74 | 50.33 | 47.85 | 45.02 | 50.69 |
| Male | 1933 | 50.13 | 46.71 | 53.54 | 50.12 | 46.81 | 53.42 |
| RACE | | | | | | | |
| Black | 387 | 36.49 | 28.37 | 44.60 | 36.46 | 28.67 | 44.26 |
| Other | 260 | 43.31 | 34.13 | 52.50 | 42.72 | 34.40 | 51.04 |
| White | 4224 | 50.29 | 47.95 | 52.63 | 50.53 | 48.19 | 52.86 |
| EDUCATION | | | | | | | |
| <HS | 533 | 45.51 | 37.93 | 53.08 | 43.24 | 36.76 | 49.72 |
| HS | 1780 | 47.16 | 43.44 | 50.88 | 48.16 | 44.47 | 51.86 |
| >HS | 2574 | 50.38 | 47.45 | 53.30 | 50.77 | 47.81 | 53.73 |
| INCOME | | | | | | | |
| <\$15,000 | 550 | 45.97 | 38.02 | 53.92 | 46.38 | 39.76 | 53.01 |
| \$15-24,999 | 844 | 46.67 | 41.22 | 52.12 | 46.57 | 41.45 | 51.69 |
| \$25-24,999 | 640 | 46.89 | 40.79 | 52.98 | 47.36 | 41.01 | 53.72 |
| \$35-49,999 | 759 | 47.98 | 42.64 | 53.32 | 47.13 | 41.98 | 52.28 |
| \$50-74,999 | 724 | 53.65 | 48.65 | 58.66 | 53.52 | 47.94 | 59.10 |
| \$75,000+ | 835 | 52.65 | 47.68 | 57.61 | 55.32 | 50.63 | 60.02 |

Definition: Among all adults, combined 5.3.2 and 5.4.2.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 6 - Fruit and Vegetable Consumption:

Ate 5 or more servings of fruits and vegetables per day during past month

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 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 | 5136 | 20.17 | 18.61 | 21.73 | 20.01 | 18.45 | 21.56 |
| REGION | | | | | | | |
| Central | 651 | 19.83 | 16.17 | 23.50 | 19.64 | 16.17 | 23.10 |
| Kansas City | 909 | 19.20 | 16.22 | 22.17 | 19.30 | 16.29 | 22.31 |
| Northeast | 578 | 19.98 | 15.80 | 24.17 | 19.35 | 15.22 | 23.48 |
| Northwest | 661 | 21.60 | 17.45 | 25.76 | 21.98 | 17.88 | 26.09 |
| Southeast | 579 | 18.57 | 14.85 | 22.28 | 17.77 | 14.02 | 21.53 |
| Southwest | 636 | 20.92 | 17.09 | 24.74 | 20.79 | 16.94 | 24.64 |
| St. Louis | 1122 | 20.77 | 17.45 | 24.09 | 20.73 | 17.42 | 24.04 |
| GENDER | | | | | | | |
| Female | 3121 | 25.02 | 22.81 | 27.24 | 24.51 | 22.27 | 26.75 |
| Male | 2015 | 15.02 | 12.88 | 17.16 | 15.14 | 13.01 | 17.28 |
| RACE | | | | | | | |
| Black | 412 | 19.09 | 13.40 | 24.79 | 19.36 | 14.02 | 24.70 |
| Other | 278 | 18.96 | 13.21 | 24.70 | 19.62 | 14.19 | 25.05 |
| White | 4418 | 20.37 | 18.68 | 22.07 | 20.03 | 18.31 | 21.75 |
| EDUCATION | | | | | | | |
| <HS | 582 | 13.38 | 9.13 | 17.63 | 13.63 | 9.05 | 18.21 |
| HS | 1892 | 17.04 | 14.66 | 19.42 | 16.34 | 14.01 | 18.67 |
| >HS | 2655 | 23.40 | 21.15 | 25.65 | 23.52 | 21.15 | 25.89 |
| INCOME | | | | | | | |
| <\$15,000 | 579 | 16.83 | 12.58 | 21.08 | 16.69 | 11.90 | 21.47 |
| \$15-24,999 | 888 | 16.45 | 13.32 | 19.59 | 15.48 | 12.40 | 18.56 |
| \$25-24,999 | 662 | 18.04 | 14.23 | 21.85 | 16.19 | 12.66 | 19.72 |
| \$35-49,999 | 792 | 22.78 | 18.47 | 27.09 | 23.07 | 18.97 | 27.18 |
| \$50-74,999 | 746 | 19.22 | 15.70 | 22.74 | 20.11 | 16.04 | 24.18 |
| \$75,000+ | 859 | 23.48 | 19.60 | 27.36 | 24.82 | 19.82 | 29.82 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 7 - Overweight and Obesity:
Overweight (25.0 - 29.9 BMI)

Crude and Age Adjusted Prevalences and 95% Confidence Intervals (CI)

| Table 7.1 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 5121 | 35.09 | 33.05 | 37.13 | 34.84 | 32.79 | 36.88 |
| REGION | | | | | | | |
| Central | 649 | 33.01 | 28.27 | 37.74 | 32.91 | 28.47 | 37.35 |
| Kansas City | 907 | 35.76 | 31.77 | 39.75 | 35.98 | 31.86 | 40.10 |
| Northeast | 581 | 38.67 | 33.87 | 43.47 | 38.56 | 33.65 | 43.47 |
| Northwest | 644 | 32.17 | 27.38 | 36.95 | 32.88 | 28.36 | 37.40 |
| Southeast | 582 | 34.29 | 29.58 | 38.99 | 33.63 | 28.56 | 38.69 |
| Southwest | 634 | 35.51 | 30.84 | 40.17 | 35.30 | 30.58 | 40.02 |
| St. Louis | 1124 | 35.38 | 30.96 | 39.80 | 35.03 | 30.69 | 39.38 |
| GENDER | | | | | | | |
| Female | 3083 | 28.77 | 26.36 | 31.17 | 28.28 | 25.83 | 30.73 |
| Male | 2038 | 41.74 | 38.44 | 45.04 | 41.68 | 38.45 | 44.92 |
| RACE | | | | | | | |
| Black | 417 | 36.02 | 27.95 | 44.08 | 36.60 | 29.54 | 43.67 |
| Other | 276 | 31.96 | 23.62 | 40.31 | 32.85 | 25.38 | 40.33 |
| White | 4402 | 35.24 | 33.06 | 37.42 | 34.74 | 32.52 | 36.96 |
| EDUCATION | | | | | | | |
| <HS | 586 | 29.41 | 23.51 | 35.31 | 30.82 | 25.05 | 36.58 |
| HS | 1891 | 34.72 | 31.23 | 38.20 | 33.94 | 30.47 | 37.40 |
| >HS | 2638 | 36.39 | 33.65 | 39.14 | 35.51 | 32.83 | 38.19 |
| INCOME | | | | | | | |
| <\$15,000 | 584 | 27.14 | 21.43 | 32.85 | 26.64 | 21.18 | 32.10 |
| \$15-24,999 | 887 | 34.81 | 29.75 | 39.87 | 33.90 | 28.78 | 39.03 |
| \$25-24,999 | 659 | 33.17 | 27.80 | 38.54 | 33.28 | 27.84 | 38.72 |
| \$35-49,999 | 791 | 32.16 | 27.38 | 36.94 | 31.67 | 27.16 | 36.18 |
| \$50-74,999 | 756 | 36.57 | 31.77 | 41.38 | 37.10 | 31.57 | 42.62 |
| \$75,000+ | 856 | 39.68 | 34.87 | 44.49 | 37.62 | 33.21 | 42.04 |

Definition: Derived by calculating BMI using responses to the following questions:
 About how much do you weigh without shoes? About how tall are you without shoes?

Body mass index (BMI) is an indicator of body fat and is calculated as weight in kilograms divided by height in meters squared (kg / m²). Weight in pounds (lbs) is converted to weight in kilograms (kg) using 0.45 kg/lb. Height in feet and inches is first converted to height in inches (in), then height in centimeters (cm) using 2.54 cm/in, then to meters by dividing by 100.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 7 - Overweight and Obesity:

Obese (\geq 30 BMI)

Crude and Age Adjusted Prevalences and 95% Confidence Intervals (CI)

| Table 7.2 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 5121 | 28.18 | 26.36 | 30.01 | 28.17 | 26.35 | 29.99 |
| REGION | | | | | | | |
| Central | 649 | 27.67 | 23.15 | 32.18 | 28.80 | 24.39 | 33.20 |
| Kansas City | 907 | 29.93 | 26.23 | 33.62 | 29.58 | 25.81 | 33.35 |
| Northeast | 581 | 28.22 | 24.01 | 32.43 | 28.50 | 24.23 | 32.77 |
| Northwest | 644 | 33.87 | 28.78 | 38.97 | 34.09 | 29.24 | 38.94 |
| Southeast | 582 | 34.44 | 29.66 | 39.21 | 35.05 | 29.50 | 40.61 |
| Southwest | 634 | 25.04 | 20.72 | 29.35 | 25.10 | 20.70 | 29.49 |
| St. Louis | 1124 | 26.42 | 22.65 | 30.19 | 26.20 | 22.59 | 29.81 |
| GENDER | | | | | | | |
| Female | 3083 | 27.88 | 25.56 | 30.19 | 27.96 | 25.59 | 30.34 |
| Male | 2038 | 28.50 | 25.65 | 31.35 | 28.43 | 25.65 | 31.21 |
| RACE | | | | | | | |
| Black | 417 | 36.58 | 28.85 | 44.30 | 37.26 | 30.61 | 43.91 |
| Other | 276 | 30.14 | 21.94 | 38.34 | 29.72 | 22.61 | 36.82 |
| White | 4402 | 27.35 | 25.42 | 29.28 | 27.31 | 25.36 | 29.26 |
| EDUCATION | | | | | | | |
| <HS | 586 | 28.24 | 22.23 | 34.26 | 31.60 | 25.48 | 37.72 |
| HS | 1891 | 31.60 | 28.41 | 34.79 | 32.86 | 29.55 | 36.17 |
| >HS | 2638 | 26.11 | 23.73 | 28.49 | 25.36 | 23.03 | 27.69 |
| INCOME | | | | | | | |
| <\$15,000 | 584 | 34.23 | 27.11 | 41.35 | 36.98 | 29.54 | 44.41 |
| \$15-24,999 | 887 | 31.61 | 27.04 | 36.18 | 33.63 | 28.82 | 38.44 |
| \$25-24,999 | 659 | 33.21 | 27.82 | 38.60 | 35.62 | 30.36 | 40.88 |
| \$35-49,999 | 791 | 30.74 | 26.08 | 35.41 | 31.73 | 27.24 | 36.22 |
| \$50-74,999 | 756 | 28.03 | 23.69 | 32.38 | 26.83 | 22.02 | 31.64 |
| \$75,000+ | 856 | 22.53 | 18.75 | 26.32 | 20.55 | 17.06 | 24.05 |

Definition: Derived by calculating BMI using responses to the following questions:
About how much do you weigh without shoes? About how tall are you without shoes?

Body mass index (BMI) is an indicator of body fat and is calculated as weight in kilograms divided by height in meters squared (kg / m²). Weight in pounds (lbs) is converted to weight in kilograms (kg) using 0.45 kg/lb. Height in feet and inches is first converted to height in inches (in), then height in centimeters (cm) using 2.54 cm/in, then to meters by dividing by 100.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 8 - Tobacco Use:

Has not smoked 100 cigarettes in lifetime (Never smoked)

Crude and Age-adjusted prevalence and 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 | 5248 | 52.14 | 50.02 | 54.27 | 52.47 | 50.30 | 54.64 |
| REGION | | | | | | | |
| Central | 665 | 49.91 | 44.73 | 55.10 | 49.78 | 44.77 | 54.79 |
| Kansas City | 931 | 52.84 | 48.81 | 56.86 | 53.50 | 49.50 | 57.50 |
| Northeast | 589 | 53.38 | 48.46 | 58.30 | 53.69 | 48.68 | 58.70 |
| Northwest | 668 | 53.72 | 48.61 | 58.84 | 53.43 | 48.51 | 58.35 |
| Southeast | 597 | 51.23 | 46.34 | 56.12 | 52.54 | 47.19 | 57.89 |
| Southwest | 648 | 47.59 | 42.81 | 52.37 | 48.52 | 43.69 | 53.35 |
| St. Louis | 1150 | 54.38 | 49.76 | 59.00 | 54.42 | 49.66 | 59.18 |
| GENDER | | | | | | | |
| Female | 3202 | 56.28 | 53.64 | 58.93 | 56.64 | 53.88 | 59.41 |
| Male | 2046 | 47.70 | 44.32 | 51.07 | 47.63 | 44.27 | 50.98 |
| RACE | | | | | | | |
| Black | 429 | 53.11 | 44.23 | 62.00 | 53.47 | 45.82 | 61.13 |
| Other | 284 | 47.01 | 38.06 | 55.97 | 46.85 | 38.79 | 54.90 |
| White | 4505 | 52.47 | 50.22 | 54.71 | 52.98 | 50.67 | 55.30 |
| EDUCATION | | | | | | | |
| <HS | 600 | 32.10 | 25.02 | 39.18 | 26.27 | 21.00 | 31.53 |
| HS | 1939 | 47.31 | 43.77 | 50.85 | 46.93 | 43.43 | 50.43 |
| >HS | 2702 | 59.12 | 56.33 | 61.92 | 59.26 | 56.20 | 62.32 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 38.36 | 30.96 | 45.76 | 34.55 | 28.28 | 40.82 |
| \$15-24,999 | 906 | 41.92 | 36.72 | 47.11 | 40.76 | 35.64 | 45.87 |
| \$25-24,999 | 675 | 48.92 | 42.99 | 54.86 | 49.54 | 43.46 | 55.63 |
| \$35-49,999 | 805 | 50.64 | 45.43 | 55.86 | 50.15 | 45.07 | 55.22 |
| \$50-74,999 | 760 | 53.50 | 48.57 | 58.43 | 52.17 | 46.49 | 57.85 |
| \$75,000+ | 866 | 62.72 | 57.94 | 67.50 | 62.55 | 56.44 | 68.67 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 8 - Tobacco Use:

Has smoked at least 100 cigarettes lifetime and now smokes every day or some days (Current smoker)

Crude and Age-adjusted prevalence and 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 | 5248 | 24.50 | 22.56 | 26.45 | 24.85 | 22.89 | 26.81 |
| REGION | | | | | | | |
| Central | 665 | 27.14 | 22.05 | 32.22 | 26.85 | 22.22 | 31.48 |
| Kansas City | 931 | 22.73 | 19.23 | 26.23 | 22.78 | 19.22 | 26.34 |
| Northeast | 589 | 24.78 | 20.35 | 29.21 | 25.77 | 21.18 | 30.36 |
| Northwest | 668 | 23.23 | 19.10 | 27.35 | 24.26 | 20.17 | 28.36 |
| Southeast | 597 | 27.45 | 22.97 | 31.93 | 27.35 | 22.46 | 32.24 |
| Southwest | 648 | 27.85 | 23.31 | 32.40 | 28.15 | 23.60 | 32.70 |
| St. Louis | 1150 | 22.44 | 18.23 | 26.66 | 22.73 | 18.49 | 26.97 |
| GENDER | | | | | | | |
| Female | 3202 | 23.23 | 20.86 | 25.60 | 23.86 | 21.37 | 26.34 |
| Male | 2046 | 25.87 | 22.71 | 29.03 | 25.81 | 22.78 | 28.84 |
| RACE | | | | | | | |
| Black | 429 | 30.82 | 21.12 | 40.52 | 29.97 | 22.43 | 37.51 |
| Other | 284 | 35.76 | 26.53 | 45.00 | 32.94 | 25.78 | 40.09 |
| White | 4505 | 23.02 | 21.07 | 24.97 | 23.53 | 21.48 | 25.57 |
| EDUCATION | | | | | | | |
| <HS | 600 | 44.76 | 37.39 | 52.13 | 48.73 | 41.93 | 55.53 |
| HS | 1939 | 28.57 | 25.18 | 31.96 | 30.50 | 27.06 | 33.94 |
| >HS | 2702 | 17.94 | 15.56 | 20.31 | 18.00 | 15.35 | 20.65 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 40.51 | 33.43 | 47.59 | 46.46 | 39.65 | 53.28 |
| \$15-24,999 | 906 | 35.67 | 30.75 | 40.59 | 39.01 | 33.91 | 44.11 |
| \$25-24,999 | 675 | 28.43 | 22.52 | 34.34 | 30.34 | 24.26 | 36.42 |
| \$35-49,999 | 805 | 26.60 | 21.41 | 31.80 | 26.25 | 21.44 | 31.06 |
| \$50-74,999 | 760 | 20.41 | 16.28 | 24.54 | 19.74 | 15.22 | 24.26 |
| \$75,000+ | 866 | 13.96 | 9.95 | 17.97 | 14.86 | 9.43 | 20.29 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 8 - Tobacco Use:

Has smoked at least 100 cigarettes lifetime and now does not smoke at all (Former smoker)

Crude and Age-adjusted prevalence and 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 | 5248 | 23.36 | 21.75 | 24.96 | 22.67 | 21.15 | 24.20 |
| REGION | | | | | | | |
| Central | 665 | 22.95 | 19.24 | 26.66 | 23.37 | 19.87 | 26.86 |
| Kansas City | 931 | 24.44 | 21.29 | 27.58 | 23.72 | 20.83 | 26.61 |
| Northeast | 589 | 21.84 | 18.17 | 25.52 | 20.54 | 17.17 | 23.91 |
| Northwest | 668 | 23.05 | 19.17 | 26.93 | 22.31 | 18.74 | 25.88 |
| Southeast | 597 | 21.32 | 17.45 | 25.19 | 20.11 | 16.20 | 24.02 |
| Southwest | 648 | 24.56 | 20.77 | 28.35 | 23.33 | 19.72 | 26.95 |
| St. Louis | 1150 | 23.18 | 19.72 | 26.64 | 22.85 | 19.53 | 26.17 |
| GENDER | | | | | | | |
| Female | 3202 | 20.49 | 18.49 | 22.49 | 19.50 | 17.53 | 21.46 |
| Male | 2046 | 26.44 | 23.85 | 29.03 | 26.56 | 24.18 | 28.95 |
| RACE | | | | | | | |
| Black | 429 | 16.07 | 10.67 | 21.47 | 16.56 | 11.53 | 21.58 |
| Other | 284 | 17.22 | 11.18 | 23.26 | 20.21 | 13.95 | 26.47 |
| White | 4505 | 24.51 | 22.76 | 26.26 | 23.49 | 21.82 | 25.16 |
| EDUCATION | | | | | | | |
| <HS | 600 | 23.14 | 17.80 | 28.48 | 25.00 | 19.34 | 30.66 |
| HS | 1939 | 24.12 | 21.46 | 26.77 | 22.57 | 20.12 | 25.01 |
| >HS | 2702 | 22.94 | 20.76 | 25.12 | 22.74 | 20.56 | 24.92 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 21.13 | 16.10 | 26.16 | 18.99 | 14.11 | 23.87 |
| \$15-24,999 | 906 | 22.41 | 18.77 | 26.05 | 20.23 | 16.83 | 23.64 |
| \$25-24,999 | 675 | 22.65 | 18.43 | 26.87 | 20.11 | 16.48 | 23.75 |
| \$35-49,999 | 805 | 22.75 | 18.62 | 26.89 | 23.60 | 19.69 | 27.51 |
| \$50-74,999 | 760 | 26.09 | 21.90 | 30.28 | 28.09 | 23.14 | 33.04 |
| \$75,000+ | 866 | 23.32 | 19.50 | 27.14 | 22.59 | 18.91 | 26.27 |

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, 2007

Section 8 - Tobacco Use:

Current smokers that tried to quit smoking for one day or longer in past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 8.3 | 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 | 1167 | 55.10 | 50.37 | 59.82 | 53.93 | 49.61 | 58.24 |
| REGION | | | | | | | |
| Central | 150 | 48.64 | 36.97 | 60.31 | 49.62 | 39.38 | 59.87 |
| Kansas City | 187 | 58.67 | 50.14 | 67.19 | 58.32 | 50.54 | 66.10 |
| Northeast | 130 | 62.35 | 52.30 | 72.39 | 61.70 | 51.97 | 71.43 |
| Northwest | 145 | 54.93 | 44.76 | 65.10 | 54.98 | 45.81 | 64.14 |
| Southeast | 151 | 59.51 | 50.18 | 68.85 | 62.13 | 54.04 | 70.23 |
| Southwest | 149 | 64.83 | 55.39 | 74.26 | 62.48 | 53.46 | 71.50 |
| St. Louis | 255 | 48.16 | 36.77 | 59.55 | 47.15 | 37.26 | 57.05 |
| GENDER | | | | | | | |
| Female | 685 | 51.68 | 45.64 | 57.72 | 52.31 | 46.56 | 58.07 |
| Male | 482 | 58.38 | 51.54 | 65.23 | 54.86 | 48.97 | 60.76 |
| RACE | | | | | | | |
| Black | 104 | 64.49 | 43.89 | 85.10 | 66.37 | 51.04 | 81.69 |
| Other | 94 | 51.42 | 34.07 | 68.77 | 53.94 | 41.87 | 66.01 |
| White | 961 | 54.60 | 49.71 | 59.50 | 53.48 | 48.92 | 58.05 |
| EDUCATION | | | | | | | |
| <HS | 222 | 70.35 | 61.81 | 78.89 | 64.96 | 57.18 | 72.75 |
| HS | 472 | 50.98 | 43.73 | 58.23 | 49.28 | 42.45 | 56.11 |
| >HS | 471 | 51.68 | 44.07 | 59.29 | 51.76 | 44.15 | 59.37 |
| INCOME | | | | | | | |
| <\$15,000 | 212 | 67.24 | 57.46 | 77.02 | 65.96 | 57.48 | 74.45 |
| \$15-24,999 | 280 | 59.26 | 51.07 | 67.45 | 58.34 | 50.97 | 65.71 |
| \$25-24,999 | 147 | 49.05 | 36.06 | 62.04 | 44.34 | 33.50 | 55.19 |
| \$35-49,999 | 167 | 47.51 | 35.60 | 59.41 | 44.20 | 33.72 | 54.69 |
| \$50-74,999 | 142 | 60.61 | 49.69 | 71.53 | 64.33 | 54.38 | 74.27 |
| \$75,000+ | 120 | 48.03 | 32.22 | 63.85 | 47.51 | 36.20 | 58.83 |

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, 2007

Section 9 - Alcohol Consumption:

Had at least one drink of alcohol in past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 9.1 | 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 | 5237 | 51.93 | 49.82 | 54.03 | 52.28 | 50.14 | 54.41 |
| REGION | | | | | | | |
| Central | 663 | 52.52 | 47.34 | 57.70 | 53.10 | 48.22 | 57.98 |
| Kansas City | 928 | 53.68 | 49.64 | 57.72 | 53.53 | 49.47 | 57.58 |
| Northeast | 588 | 40.23 | 35.28 | 45.18 | 41.68 | 36.66 | 46.71 |
| Northwest | 669 | 45.88 | 40.69 | 51.06 | 46.86 | 41.85 | 51.87 |
| Southeast | 596 | 37.52 | 32.72 | 42.31 | 38.45 | 33.04 | 43.86 |
| Southwest | 650 | 42.48 | 37.61 | 47.35 | 42.61 | 37.67 | 47.55 |
| St. Louis | 1143 | 61.02 | 56.53 | 65.51 | 61.02 | 56.44 | 65.60 |
| GENDER | | | | | | | |
| Female | 3196 | 45.90 | 43.26 | 48.55 | 46.71 | 43.96 | 49.47 |
| Male | 2041 | 58.41 | 55.14 | 61.67 | 58.34 | 55.10 | 61.59 |
| RACE | | | | | | | |
| Black | 427 | 46.83 | 37.94 | 55.72 | 46.97 | 38.73 | 55.22 |
| Other | 285 | 52.35 | 43.35 | 61.35 | 50.74 | 43.10 | 58.38 |
| White | 4494 | 52.45 | 50.22 | 54.68 | 52.91 | 50.60 | 55.22 |
| EDUCATION | | | | | | | |
| <HS | 599 | 37.38 | 29.71 | 45.05 | 37.91 | 31.36 | 44.47 |
| HS | 1939 | 41.03 | 37.55 | 44.50 | 42.34 | 38.78 | 45.89 |
| >HS | 2692 | 61.51 | 58.85 | 64.16 | 61.63 | 58.91 | 64.35 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 28.65 | 22.00 | 35.30 | 32.13 | 25.26 | 38.99 |
| \$15-24,999 | 908 | 40.14 | 34.96 | 45.32 | 41.39 | 36.13 | 46.66 |
| \$25-24,999 | 671 | 44.19 | 38.25 | 50.14 | 42.63 | 36.69 | 48.58 |
| \$35-49,999 | 804 | 53.37 | 48.26 | 58.49 | 52.69 | 47.88 | 57.50 |
| \$50-74,999 | 759 | 59.17 | 54.34 | 63.99 | 59.36 | 54.05 | 64.67 |
| \$75,000+ | 867 | 71.83 | 67.45 | 76.20 | 70.72 | 65.49 | 75.95 |

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, 2007

Section 9 - Alcohol Consumption:

Women that had more than 1 drink per day in the past 30 days (Heavy drinking)

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 9.2.1 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|--------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 3167 | 3.63 | 2.74 | 4.53 | 3.63 | 2.71 | 4.54 |
| REGION | | | | | | | |
| Central | 396 | 3.94 | 2.03 | 5.85 | 3.88 | 2.01 | 5.76 |
| Kansas City | 573 | 5.16 | 2.88 | 7.45 | 5.14 | 2.75 | 7.53 |
| Northeast | 350 | 0.88 | -0.08 | 1.83 | 0.95 | -0.24 | 2.14 |
| Northwest | 388 | 3.44 | 0.63 | 6.25 | 3.45 | 0.77 | 6.13 |
| Southeast | 365 | 1.28 | 0.05 | 2.51 | 1.39 | -0.04 | 2.81 |
| Southwest | 389 | 4.72 | 2.00 | 7.44 | 4.60 | 1.78 | 7.42 |
| St. Louis | 706 | 3.25 | 1.59 | 4.91 | 3.35 | 1.64 | 5.06 |
| GENDER | | | | | | | |
| Female | 3167 | 3.63 | 2.74 | 4.53 | 3.63 | 2.71 | 4.54 |
| Male | | | | | | | |
| RACE | | | | | | | |
| Black | 285 | 2.36 | -0.72 | 5.44 | 2.23 | -0.56 | 5.02 |
| Other | 170 | 1.24 | -0.37 | 2.84 | 1.27 | -0.38 | 2.92 |
| White | 2693 | 3.95 | 2.96 | 4.95 | 3.95 | 2.91 | 5.00 |
| EDUCATION | | | | | | | |
| <HS | 350 | 3.22 | 0.17 | 6.26 | 2.93 | 0.55 | 5.31 |
| HS | 1164 | 1.47 | 0.79 | 2.16 | 1.61 | 0.75 | 2.46 |
| >HS | 1649 | 4.99 | 3.57 | 6.41 | 4.84 | 3.40 | 6.28 |
| INCOME | | | | | | | |
| <\$15,000 | 396 | 1.85 | 0.26 | 3.44 | 2.35 | 0.39 | 4.32 |
| \$15-24,999 | 587 | 4.67 | 1.62 | 7.71 | 4.81 | 1.64 | 7.98 |
| \$25-24,999 | 386 | 2.73 | 0.32 | 5.14 | 3.03 | -0.30 | 6.36 |
| \$35-49,999 | 472 | 3.49 | 1.31 | 5.67 | 3.33 | 1.25 | 5.41 |
| \$50-74,999 | 410 | 3.08 | 1.24 | 4.92 | 3.12 | 1.33 | 4.91 |
| \$75,000+ | 468 | 4.63 | 2.57 | 6.70 | 3.52 | 1.85 | 5.18 |

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, 2007

Section 9 - Alcohol Consumption:

Men that had more than 2 drinks per day in the past 30 days (Heavy drinking)

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 9.2.2 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|--------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 2004 | 5.61 | 4.14 | 7.09 | 5.59 | 4.10 | 7.08 |
| REGION | | | | | | | |
| Central | 262 | 4.47 | 1.64 | 7.30 | 4.32 | 1.77 | 6.88 |
| Kansas City | 346 | 6.04 | 3.21 | 8.88 | 6.14 | 3.27 | 9.01 |
| Northeast | 233 | 3.85 | 0.49 | 7.21 | 3.51 | 0.69 | 6.33 |
| Northwest | 268 | 9.95 | 5.52 | 14.38 | 9.59 | 5.60 | 13.58 |
| Southeast | 225 | 6.12 | 1.92 | 10.31 | 6.75 | 1.36 | 12.14 |
| Southwest | 252 | 5.90 | 2.16 | 9.63 | 5.80 | 2.28 | 9.32 |
| St. Louis | 418 | 5.22 | 2.05 | 8.38 | 5.21 | 1.99 | 8.42 |
| GENDER | | | | | | | |
| Female | | | | | | | |
| Male | 2004 | 5.61 | 4.14 | 7.09 | 5.59 | 4.10 | 7.08 |
| RACE | | | | | | | |
| Black | 133 | 4.75 | -0.09 | 9.59 | 4.18 | 0.32 | 8.05 |
| Other | 112 | 8.16 | 2.90 | 13.42 | 8.65 | 3.07 | 14.24 |
| White | 1749 | 5.50 | 3.88 | 7.12 | 5.51 | 3.82 | 7.19 |
| EDUCATION | | | | | | | |
| <HS | 234 | 4.61 | 0.81 | 8.40 | 4.93 | 1.28 | 8.58 |
| HS | 749 | 6.35 | 3.82 | 8.88 | 6.90 | 3.97 | 9.82 |
| >HS | 1018 | 5.26 | 3.22 | 7.31 | 5.56 | 3.16 | 7.96 |
| INCOME | | | | | | | |
| <\$15,000 | 190 | 2.78 | -0.07 | 5.63 | 3.05 | -0.21 | 6.31 |
| \$15-24,999 | 311 | 6.71 | 2.54 | 10.88 | 6.51 | 2.70 | 10.31 |
| \$25-24,999 | 278 | 5.54 | 2.45 | 8.62 | 5.62 | 2.44 | 8.79 |
| \$35-49,999 | 329 | 8.30 | 2.50 | 14.10 | 7.47 | 2.88 | 12.05 |
| \$50-74,999 | 342 | 5.02 | 1.30 | 8.74 | 4.78 | 1.30 | 8.25 |
| \$75,000+ | 391 | 5.81 | 3.09 | 8.53 | 5.58 | 2.89 | 8.27 |

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, 2007

Section 9 - Alcohol Consumption:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 9.3.1 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|--------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 2005 | 20.53 | 17.66 | 23.40 | 20.34 | 17.52 | 23.16 |
| REGION | | | | | | | |
| Central | 260 | 17.60 | 11.93 | 23.26 | 17.37 | 12.01 | 22.73 |
| Kansas City | 346 | 22.91 | 17.30 | 28.51 | 22.53 | 17.02 | 28.04 |
| Northeast | 234 | 21.41 | 14.37 | 28.46 | 20.99 | 14.99 | 26.98 |
| Northwest | 269 | 23.88 | 17.02 | 30.75 | 23.09 | 16.59 | 29.58 |
| Southeast | 225 | 20.68 | 14.00 | 27.36 | 20.72 | 13.44 | 28.01 |
| Southwest | 253 | 12.46 | 6.56 | 18.36 | 12.12 | 6.72 | 17.52 |
| St. Louis | 418 | 23.28 | 16.69 | 29.87 | 22.96 | 16.44 | 29.48 |
| GENDER | | | | | | | |
| Female | | | | | | | |
| Male | 2005 | 20.53 | 17.66 | 23.40 | 20.34 | 17.52 | 23.16 |
| RACE | | | | | | | |
| Black | 133 | 17.14 | 5.32 | 28.96 | 17.21 | 6.47 | 27.94 |
| Other | 114 | 21.63 | 10.32 | 32.95 | 20.78 | 11.50 | 30.06 |
| White | 1748 | 20.72 | 17.66 | 23.79 | 20.78 | 17.72 | 23.84 |
| EDUCATION | | | | | | | |
| <HS | 233 | 13.18 | 5.79 | 20.57 | 11.37 | 5.90 | 16.84 |
| HS | 754 | 21.13 | 16.79 | 25.47 | 21.82 | 17.45 | 26.19 |
| >HS | 1015 | 21.72 | 17.48 | 25.95 | 22.58 | 18.14 | 27.02 |
| INCOME | | | | | | | |
| <\$15,000 | 190 | 20.43 | 7.95 | 32.90 | 22.20 | 10.94 | 33.45 |
| \$15-24,999 | 310 | 14.34 | 8.87 | 19.81 | 14.23 | 8.76 | 19.69 |
| \$25-24,999 | 279 | 19.45 | 12.43 | 26.47 | 19.38 | 12.73 | 26.04 |
| \$35-49,999 | 328 | 20.91 | 13.81 | 28.02 | 19.19 | 13.13 | 25.25 |
| \$50-74,999 | 344 | 21.57 | 15.29 | 27.86 | 19.22 | 13.27 | 25.17 |
| \$75,000+ | 390 | 27.98 | 20.79 | 35.17 | 30.42 | 24.04 | 36.81 |

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, 2007

Section 9 - Alcohol Consumption:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 9.3.2 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|--------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 3165 | 12.15 | 10.12 | 14.18 | 12.81 | 10.71 | 14.92 |
| REGION | | | | | | | |
| Central | 397 | 12.53 | 7.69 | 17.37 | 12.74 | 8.12 | 17.36 |
| Kansas City | 573 | 10.88 | 7.45 | 14.31 | 11.13 | 7.52 | 14.73 |
| Northeast | 346 | 6.75 | 2.37 | 11.12 | 7.84 | 3.42 | 12.27 |
| Northwest | 389 | 11.68 | 6.84 | 16.51 | 11.97 | 7.47 | 16.46 |
| Southeast | 364 | 9.42 | 5.52 | 13.32 | 11.28 | 6.33 | 16.23 |
| Southwest | 388 | 8.66 | 4.94 | 12.39 | 8.70 | 4.93 | 12.47 |
| St. Louis | 708 | 15.62 | 10.97 | 20.27 | 16.48 | 11.70 | 21.25 |
| GENDER | | | | | | | |
| Female | 3165 | 12.15 | 10.12 | 14.18 | 12.81 | 10.71 | 14.92 |
| Male | | | | | | | |
| RACE | | | | | | | |
| Black | 287 | 3.91 | 0.48 | 7.35 | 4.25 | 0.76 | 7.74 |
| Other | 169 | 19.93 | 5.54 | 34.32 | 17.24 | 8.92 | 25.55 |
| White | 2690 | 12.40 | 10.36 | 14.45 | 13.44 | 11.19 | 15.69 |
| EDUCATION | | | | | | | |
| <HS | 351 | 10.06 | 4.36 | 15.75 | 10.36 | 4.89 | 15.84 |
| HS | 1163 | 8.62 | 5.01 | 12.24 | 10.38 | 6.55 | 14.20 |
| >HS | 1647 | 14.61 | 11.89 | 17.33 | 15.18 | 12.23 | 18.12 |
| INCOME | | | | | | | |
| <\$15,000 | 394 | 5.29 | 2.21 | 8.37 | 6.05 | 2.64 | 9.47 |
| \$15-24,999 | 589 | 11.46 | 7.44 | 15.48 | 12.77 | 8.33 | 17.21 |
| \$25-24,999 | 387 | 8.63 | 4.26 | 13.00 | 10.32 | 4.18 | 16.46 |
| \$35-49,999 | 471 | 13.31 | 6.57 | 20.05 | 12.68 | 7.22 | 18.14 |
| \$50-74,999 | 410 | 13.66 | 8.53 | 18.79 | 15.32 | 10.26 | 20.38 |
| \$75,000+ | 467 | 20.11 | 14.45 | 25.77 | 20.24 | 13.83 | 26.64 |

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, 2007

**Section 10 - Immunization:
Age 18 and older - Had flu shot in past 12 months**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 10.1.1 | 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 | 5252 | 36.18 | 34.27 | 38.10 | 35.25 | 33.45 | 37.06 |
| REGION | | | | | | | |
| Central | 661 | 38.25 | 33.31 | 43.18 | 37.50 | 32.88 | 42.13 |
| Kansas City | 933 | 36.86 | 33.18 | 40.54 | 36.62 | 33.18 | 40.06 |
| Northeast | 592 | 40.52 | 35.80 | 45.24 | 37.61 | 33.17 | 42.04 |
| Northwest | 669 | 38.75 | 33.73 | 43.77 | 37.12 | 32.64 | 41.60 |
| Southeast | 598 | 34.56 | 30.14 | 38.99 | 32.14 | 27.23 | 37.05 |
| Southwest | 650 | 35.12 | 30.72 | 39.52 | 33.49 | 29.24 | 37.74 |
| St. Louis | 1149 | 35.19 | 31.11 | 39.27 | 34.67 | 30.97 | 38.38 |
| GENDER | | | | | | | |
| Female | 3205 | 40.18 | 37.64 | 42.71 | 38.43 | 35.92 | 40.94 |
| Male | 2047 | 31.86 | 29.04 | 34.69 | 32.01 | 29.43 | 34.58 |
| RACE | | | | | | | |
| Black | 429 | 29.60 | 21.85 | 37.36 | 29.58 | 22.60 | 36.56 |
| Other | 284 | 28.52 | 21.39 | 35.65 | 32.49 | 26.14 | 38.84 |
| White | 4508 | 37.38 | 35.32 | 39.43 | 35.94 | 33.99 | 37.89 |
| EDUCATION | | | | | | | |
| <HS | 598 | 28.45 | 23.13 | 33.78 | 27.49 | 22.56 | 32.42 |
| HS | 1944 | 35.79 | 32.58 | 39.00 | 32.63 | 29.66 | 35.59 |
| >HS | 2703 | 37.97 | 35.33 | 40.60 | 38.33 | 35.74 | 40.91 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 38.37 | 31.49 | 45.25 | 31.40 | 25.72 | 37.08 |
| \$15-24,999 | 907 | 35.54 | 31.05 | 40.04 | 32.06 | 27.88 | 36.25 |
| \$25-24,999 | 676 | 37.91 | 32.30 | 43.51 | 33.00 | 27.61 | 38.39 |
| \$35-49,999 | 805 | 31.85 | 27.32 | 36.38 | 33.22 | 29.01 | 37.43 |
| \$50-74,999 | 761 | 34.38 | 29.84 | 38.93 | 38.22 | 33.10 | 43.33 |
| \$75,000+ | 869 | 36.80 | 32.37 | 41.24 | 39.24 | 35.18 | 43.31 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 10 - Immunization:

Age 65 and older - Had flu shot in past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 10.1.2 | 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 | 1504 | 69.47 | 66.30 | 72.64 | 8.95 | 8.54 | 9.36 |
| REGION | | | | | | | |
| Central | 164 | 68.14 | 60.01 | 76.26 | 72.90 | 69.83 | 75.96 |
| Kansas City | 246 | 72.16 | 66.09 | 78.24 | 21.08 | 19.46 | 22.70 |
| Northeast | 188 | 78.60 | 72.49 | 84.70 | 0.00 | . | . |
| Northwest | 201 | 74.54 | 68.07 | 81.00 | 0.00 | . | . |
| Southeast | 197 | 67.06 | 59.87 | 74.25 | 0.00 | . | . |
| Southwest | 224 | 65.67 | 58.26 | 73.07 | 0.00 | . | . |
| St. Louis | 284 | 69.10 | 61.90 | 76.31 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 996 | 69.33 | 65.50 | 73.16 | 21.65 | 20.55 | 22.76 |
| Male | 508 | 69.66 | 64.23 | 75.10 | 0.00 | . | . |
| RACE | | | | | | | |
| Black | 100 | 48.36 | 34.87 | 61.86 | 34.62 | 31.15 | 38.09 |
| Other | 55 | 70.27 | 54.39 | 86.15 | 0.00 | . | . |
| White | 1333 | 71.02 | 67.73 | 74.31 | 0.00 | . | . |
| EDUCATION | | | | | | | |
| <HS | 279 | 56.92 | 49.24 | 64.59 | 36.27 | 34.57 | 37.96 |
| HS | 656 | 69.53 | 64.53 | 74.54 | 0.00 | . | . |
| >HS | 567 | 74.11 | 69.34 | 78.88 | 0.00 | . | . |
| INCOME | | | | | | | |
| <\$15,000 | 244 | 59.19 | 50.85 | 67.52 | 70.28 | 66.15 | 74.41 |
| \$15-24,999 | 366 | 61.98 | 55.15 | 68.82 | 10.23 | 8.96 | 11.51 |
| \$25-24,999 | 224 | 77.18 | 69.57 | 84.79 | 0.00 | . | . |
| \$35-49,999 | 164 | 71.51 | 61.84 | 81.18 | 0.00 | . | . |
| \$50-74,999 | 103 | 76.53 | 65.88 | 87.18 | 0.00 | . | . |
| \$75,000+ | 90 | 79.44 | 69.55 | 89.33 | 0.00 | . | . |

Definition: “Yes” response to the question “During the past 12 months have you had a flu shot?” AND “65” or greater response to “What is your age?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 10 - Immunization:

Age 18 and older - Had flu nasal spray in past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 10.2.1 | 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 | 5251 | 0.66 | 0.34 | 0.97 | 0.66 | 0.35 | 0.98 |
| REGION | | | | | | | |
| Central | 662 | 1.24 | 0.03 | 2.44 | 1.31 | 0.06 | 2.56 |
| Kansas City | 934 | 0.12 | -0.06 | 0.29 | 0.12 | -0.06 | 0.31 |
| Northeast | 591 | 0.50 | -0.25 | 1.24 | 0.54 | -0.31 | 1.38 |
| Northwest | 666 | 1.55 | 0.33 | 2.77 | 1.68 | 0.35 | 3.01 |
| Southeast | 597 | 0.44 | -0.20 | 1.08 | 0.44 | -0.17 | 1.05 |
| Southwest | 650 | 0.49 | -0.07 | 1.06 | 0.45 | -0.07 | 0.96 |
| St. Louis | 1151 | 0.80 | 0.09 | 1.50 | 0.80 | 0.11 | 1.49 |
| GENDER | | | | | | | |
| Female | 3205 | 0.42 | 0.11 | 0.73 | 0.42 | 0.08 | 0.76 |
| Male | 2046 | 0.91 | 0.35 | 1.47 | 0.92 | 0.37 | 1.48 |
| RACE | | | | | | | |
| Black | 430 | 0.94 | -0.14 | 2.02 | 0.97 | -0.16 | 2.09 |
| Other | 285 | 1.33 | -0.41 | 3.07 | 1.39 | -0.42 | 3.20 |
| White | 4505 | 0.55 | 0.23 | 0.88 | 0.55 | 0.23 | 0.87 |
| EDUCATION | | | | | | | |
| <HS | 595 | 0.42 | -0.14 | 0.99 | 0.42 | -0.14 | 0.98 |
| HS | 1946 | 0.78 | 0.20 | 1.36 | 0.84 | 0.19 | 1.49 |
| >HS | 2703 | 0.63 | 0.20 | 1.06 | 0.60 | 0.21 | 0.98 |
| INCOME | | | | | | | |
| <\$15,000 | 588 | 0.25 | -0.15 | 0.65 | 0.34 | -0.27 | 0.95 |
| \$15-24,999 | 908 | 0.21 | -0.20 | 0.62 | 0.13 | -0.13 | 0.39 |
| \$25-24,999 | 675 | 0.21 | -0.11 | 0.53 | 0.26 | -0.11 | 0.63 |
| \$35-49,999 | 805 | 0.45 | -0.03 | 0.93 | 0.45 | -0.01 | 0.91 |
| \$50-74,999 | 762 | 0.86 | -0.07 | 1.78 | 1.08 | -0.28 | 2.45 |
| \$75,000+ | 868 | 1.02 | 0.05 | 1.98 | 0.87 | 0.11 | 1.63 |

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, 2007

Section 10 - Immunization:

Age 65 and older - Had flu nasal spray in past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 10.2.2 | 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 | 1500 | 0.91 | 0.11 | 1.71 | 0.12 | 0.01 | 0.22 |
| REGION | | | | | | | |
| Central | 162 | 0.00 | 0.00 | 0.00 | 0.65 | 0.03 | 1.26 |
| Kansas City | 246 | 0.73 | -0.36 | 1.82 | 0.41 | -0.04 | 0.87 |
| Northeast | 188 | 0.68 | -0.65 | 2.00 | 0.00 | . | . |
| Northwest | 198 | 1.22 | -0.47 | 2.91 | 0.00 | . | . |
| Southeast | 197 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Southwest | 224 | 0.92 | -0.89 | 2.74 | 0.00 | . | . |
| St. Louis | 285 | 1.60 | -0.52 | 3.73 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 993 | 0.71 | -0.09 | 1.52 | 0.31 | 0.01 | 0.61 |
| Male | 507 | 1.17 | -0.37 | 2.72 | 0.00 | . | . |
| RACE | | | | | | | |
| Black | 101 | 0.66 | -0.27 | 1.60 | 0.27 | 0.04 | 0.49 |
| Other | 54 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| White | 1329 | 0.83 | -0.05 | 1.70 | 0.00 | . | . |
| EDUCATION | | | | | | | |
| <HS | 276 | 1.12 | -0.82 | 3.05 | 0.48 | 0.07 | 0.89 |
| HS | 654 | 1.23 | -0.46 | 2.92 | 0.00 | . | . |
| >HS | 568 | 0.51 | 0.00 | 1.02 | 0.00 | . | . |
| INCOME | | | | | | | |
| <\$15,000 | 241 | 0.17 | -0.17 | 0.51 | 0.96 | -0.36 | 2.28 |
| \$15-24,999 | 367 | 0.78 | -0.74 | 2.30 | 0.06 | -0.06 | 0.18 |
| \$25-24,999 | 224 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| \$35-49,999 | 164 | 0.44 | -0.18 | 1.05 | 0.00 | . | . |
| \$50-74,999 | 103 | 3.91 | -3.58 | 11.41 | 0.00 | . | . |
| \$75,000+ | 89 | 0.47 | -0.46 | 1.40 | 0.00 | . | . |

Definition: “Yes” response to the question “During the past 12 months have you had a flu vaccine that was sprayed in your nose?” AND “65” or greater response to “What is your age?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 10 - Immunization:

Age 65 and older - Ever had pneumonia vaccination

Crude and Age-adjusted prevalence and 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 | 1468 | 66.42 | 63.10 | 69.75 | 8.56 | 8.13 | 8.98 |
| REGION | | | | | | | |
| Central | 161 | 68.13 | 59.95 | 76.31 | 68.76 | 65.42 | 72.09 |
| Kansas City | 239 | 71.92 | 65.60 | 78.25 | 20.23 | 18.55 | 21.91 |
| Northeast | 183 | 65.90 | 58.27 | 73.53 | 0.00 | . | . |
| Northwest | 198 | 73.20 | 66.42 | 79.98 | 0.00 | . | . |
| Southeast | 187 | 61.70 | 53.98 | 69.42 | 0.00 | . | . |
| Southwest | 221 | 67.24 | 59.93 | 74.56 | 0.00 | . | . |
| St. Louis | 279 | 63.35 | 55.71 | 70.99 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 977 | 70.44 | 66.66 | 74.22 | 20.17 | 18.99 | 21.35 |
| Male | 491 | 60.75 | 54.87 | 66.63 | 0.00 | . | . |
| RACE | | | | | | | |
| Black | 96 | 55.15 | 42.39 | 67.90 | 34.41 | 30.56 | 38.25 |
| Other | 53 | 68.80 | 50.22 | 87.38 | 0.00 | . | . |
| White | 1304 | 67.26 | 63.74 | 70.77 | 0.00 | . | . |
| EDUCATION | | | | | | | |
| <HS | 270 | 57.04 | 49.43 | 64.66 | 34.68 | 32.89 | 36.47 |
| HS | 647 | 68.87 | 64.02 | 73.71 | 0.00 | . | . |
| >HS | 549 | 67.36 | 61.90 | 72.81 | 0.00 | . | . |
| INCOME | | | | | | | |
| <\$15,000 | 235 | 63.33 | 55.00 | 71.65 | 66.97 | 62.62 | 71.32 |
| \$15-24,999 | 361 | 66.91 | 60.94 | 72.87 | 7.01 | 5.16 | 8.85 |
| \$25-24,999 | 220 | 71.61 | 63.44 | 79.77 | 0.00 | . | . |
| \$35-49,999 | 156 | 64.59 | 54.63 | 74.55 | 0.00 | . | . |
| \$50-74,999 | 101 | 68.00 | 55.47 | 80.52 | 0.00 | . | . |
| \$75,000+ | 88 | 54.39 | 40.08 | 68.69 | 0.00 | . | . |

Definition: “Yes” response to the question “Have you ever had a pneumonia shot?” AND “65” or greater response to “What is your age?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 10 - Immunization:

Ever had hepatitis B vaccine

Crude and Age-adjusted prevalence and 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 | 4710 | 34.91 | 32.63 | 37.19 | 36.32 | 34.07 | 38.57 |
| REGION | | | | | | | |
| Central | 591 | 42.52 | 36.74 | 48.29 | 42.33 | 37.57 | 47.10 |
| Kansas City | 830 | 33.30 | 29.04 | 37.56 | 34.29 | 29.94 | 38.64 |
| Northeast | 536 | 33.46 | 28.18 | 38.74 | 35.11 | 30.00 | 40.21 |
| Northwest | 604 | 35.38 | 30.13 | 40.63 | 36.77 | 31.56 | 41.99 |
| Southeast | 537 | 34.78 | 29.51 | 40.06 | 40.79 | 35.97 | 45.61 |
| Southwest | 580 | 37.97 | 32.69 | 43.26 | 39.70 | 34.72 | 44.69 |
| St. Louis | 1032 | 32.16 | 27.30 | 37.01 | 33.07 | 28.27 | 37.86 |
| GENDER | | | | | | | |
| Female | 2923 | 38.72 | 35.85 | 41.59 | 41.80 | 38.93 | 44.68 |
| Male | 1787 | 30.72 | 27.16 | 34.28 | 30.79 | 27.44 | 34.14 |
| RACE | | | | | | | |
| Black | 389 | 40.35 | 31.12 | 49.58 | 40.13 | 31.54 | 48.72 |
| Other | 249 | 39.26 | 29.79 | 48.72 | 37.26 | 28.62 | 45.91 |
| White | 4046 | 34.17 | 31.74 | 36.61 | 36.25 | 33.87 | 38.62 |
| EDUCATION | | | | | | | |
| <HS | 558 | 31.48 | 23.81 | 39.15 | 29.71 | 23.08 | 36.34 |
| HS | 1740 | 28.20 | 24.59 | 31.80 | 29.25 | 25.73 | 32.77 |
| >HS | 2405 | 39.82 | 36.72 | 42.91 | 41.38 | 38.32 | 44.44 |
| INCOME | | | | | | | |
| <\$15,000 | 543 | 32.20 | 24.35 | 40.05 | 35.07 | 27.42 | 42.71 |
| \$15-24,999 | 831 | 35.58 | 29.84 | 41.32 | 37.93 | 33.08 | 42.78 |
| \$25-24,999 | 600 | 28.27 | 22.35 | 34.18 | 31.61 | 25.07 | 38.15 |
| \$35-49,999 | 712 | 39.99 | 34.40 | 45.58 | 38.97 | 33.64 | 44.31 |
| \$50-74,999 | 682 | 37.17 | 31.98 | 42.36 | 39.72 | 34.32 | 45.12 |
| \$75,000+ | 766 | 36.99 | 31.73 | 42.25 | 39.14 | 34.97 | 43.32 |

Definition: "Yes" response to the question "Have you EVER received the hepatitis B vaccine? The hepatitis B vaccine is completed after the third shot is given."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 10 - Immunization:
At risk for hepatitis B

Crude and Age-adjusted prevalence and 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 | 5241 | 4.72 | 3.63 | 5.81 | 4.84 | 3.75 | 5.92 |
| REGION | | | | | | | |
| Central | 665 | 4.57 | 1.92 | 7.23 | 4.57 | 2.14 | 7.00 |
| Kansas City | 931 | 5.96 | 3.95 | 7.97 | 5.99 | 3.92 | 8.05 |
| Northeast | 590 | 5.86 | 3.03 | 8.68 | 6.20 | 3.32 | 9.08 |
| Northwest | 666 | 3.94 | 1.78 | 6.10 | 3.79 | 1.89 | 5.69 |
| Southeast | 595 | 4.56 | 2.04 | 7.08 | 5.33 | 1.96 | 8.70 |
| Southwest | 647 | 4.91 | 1.89 | 7.93 | 5.03 | 2.23 | 7.82 |
| St. Louis | 1147 | 4.00 | 1.73 | 6.28 | 4.11 | 1.85 | 6.38 |
| GENDER | | | | | | | |
| Female | 3199 | 3.68 | 2.31 | 5.05 | 3.89 | 2.48 | 5.30 |
| Male | 2042 | 5.83 | 4.11 | 7.55 | 5.82 | 4.16 | 7.47 |
| RACE | | | | | | | |
| Black | 430 | 7.44 | 3.78 | 11.11 | 7.39 | 3.83 | 10.96 |
| Other | 283 | 11.12 | 2.33 | 19.90 | 8.42 | 3.60 | 13.23 |
| White | 4499 | 3.99 | 2.99 | 4.99 | 4.20 | 3.14 | 5.26 |
| EDUCATION | | | | | | | |
| <HS | 596 | 8.66 | 2.91 | 14.41 | 7.02 | 3.45 | 10.60 |
| HS | 1941 | 5.09 | 2.96 | 7.23 | 5.23 | 3.28 | 7.19 |
| >HS | 2697 | 3.69 | 2.78 | 4.59 | 3.80 | 2.81 | 4.80 |
| INCOME | | | | | | | |
| <\$15,000 | 591 | 10.14 | 4.78 | 15.50 | 10.68 | 6.02 | 15.34 |
| \$15-24,999 | 906 | 4.86 | 2.69 | 7.02 | 5.29 | 2.93 | 7.65 |
| \$25-24,999 | 676 | 4.23 | 2.01 | 6.45 | 4.50 | 2.14 | 6.85 |
| \$35-49,999 | 803 | 7.00 | 2.73 | 11.27 | 6.46 | 3.28 | 9.64 |
| \$50-74,999 | 760 | 2.75 | 1.25 | 4.26 | 2.33 | 1.07 | 3.59 |
| \$75,000+ | 867 | 2.61 | 1.43 | 3.78 | 2.53 | 1.22 | 3.84 |

Definition: "Yes" response to the question "The next question is about behaviors related to hepatitis B. Please tell me if ANY of these statements are true for you, just if ANY of them are:

You have hemophilia and have received clotting factor concentrate.

You have had sex with a man who has had sex with other men, even just one time.

You have taken street drugs by needle, even just one time.

You traded sex for money or drugs, even just one time.

You have tested positive for HIV.

You have had sex (even just one time) with someone who would answer "yes" to any of these statements.

You had more than two sex partners in the past year.

Are any of these statements true for you?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 11 – Child Immunization and Adolescent Health:
Children less than age 18 - Had a flu shot in past 12 months

Crude prevalence and 95% Confidence Intervals (CI)

| Table 11.1 | Crude Prev % | Crude 95% Lower CI | Crude 95% upper CI |
|--------------------|---------------------|---------------------------|---------------------------|
| Children age 0-4 | 49.77 | 47.51 | 51.61 |
| Children age 5-10 | 28.74 | 25.86 | 31.16 |
| Children age 11-17 | 17.55 | 15.31 | 19.50 |

Definition: “1” or greater to the question “How many of these children are less than 5 years old?” OR “How many of these children are 5 through 10 years old?” OR “How many of these children are 11 through 17 years old?” AND “1” or greater to “How many of those children had a flu shot in the past 12 months?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 11 – Child Immunization and Adolescent Health:
Children age 11 through 17 - Visited a health professional for a routine checkup in the past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 11.2 | Crude Prev % | Crude 95% Lower CI | Crude 95% upper CI |
|-------------------|-------------------------|-----------------------------------|-------------------------------|
| Age 11-17 | 75.07 | 75.40 | 74.78 |

Definition: “1” or greater to the question “How many of these children are ages 11 through 17 years old?” AND “1” or greater to “In the past 12 months, how many of those children visited a health care provider for a routine checkup? A routine checkup is a general physical examination, not an examination for a specific illness, injury or condition. A health care provider may include a physician, nurse practitioner, and physician’s assistant.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger: Ever been tested for HIV

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.1 | 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 | 3492 | 35.21 | 32.81 | 37.62 | 30.10 | 28.12 | 32.09 |
| REGION | | | | | | | |
| Central | 467 | 31.52 | 25.63 | 37.42 | 32.88 | 27.51 | 38.24 |
| Kansas City | 650 | 40.63 | 35.96 | 45.29 | 41.18 | 34.98 | 47.37 |
| Northeast | 380 | 31.50 | 25.81 | 37.18 | 39.57 | 32.97 | 46.16 |
| Northwest | 432 | 33.25 | 27.11 | 39.38 | 32.93 | 27.05 | 38.81 |
| Southeast | 357 | 33.68 | 27.85 | 39.50 | 31.80 | 26.01 | 37.59 |
| Southwest | 395 | 32.19 | 26.46 | 37.91 | 20.61 | 17.91 | 23.31 |
| St. Louis | 811 | 35.76 | 30.68 | 40.85 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 2048 | 37.67 | 34.47 | 40.86 | 35.69 | 32.58 | 38.80 |
| Male | 1444 | 32.73 | 29.16 | 36.31 | 19.36 | 17.38 | 21.33 |
| RACE | | | | | | | |
| Black | 298 | 61.50 | 53.00 | 70.00 | 58.72 | 50.21 | 67.23 |
| Other | 214 | 42.06 | 31.83 | 52.29 | 37.84 | 32.64 | 43.04 |
| White | 2971 | 32.34 | 29.84 | 34.84 | 9.35 | 8.49 | 10.20 |
| EDUCATION | | | | | | | |
| <HS | 295 | 36.20 | 28.12 | 44.28 | 37.55 | 30.86 | 44.24 |
| HS | 1191 | 29.97 | 25.77 | 34.18 | 33.89 | 29.27 | 38.50 |
| >HS | 2002 | 37.92 | 34.75 | 41.09 | 11.01 | 9.96 | 12.06 |
| INCOME | | | | | | | |
| <\$15,000 | 323 | 49.70 | 40.55 | 58.85 | 49.03 | 41.36 | 56.71 |
| \$15-24,999 | 499 | 38.96 | 32.43 | 45.49 | 42.32 | 32.93 | 51.70 |
| \$25-24,999 | 425 | 32.13 | 24.81 | 39.45 | 41.01 | 34.37 | 47.66 |
| \$35-49,999 | 606 | 38.71 | 32.64 | 44.78 | 27.69 | 21.98 | 33.41 |
| \$50-74,999 | 618 | 27.04 | 22.22 | 31.86 | 30.79 | 26.61 | 34.97 |
| \$75,000+ | 740 | 37.21 | 32.11 | 42.30 | 0.00 | . | . |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test within past 12 months

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.2 | 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 | 3386 | 12.06 | 10.28 | 13.83 | 10.33 | 8.83 | 11.84 |
| REGION | | | | | | | |
| Central | 461 | 13.96 | 8.63 | 19.29 | 16.00 | 11.35 | 20.65 |
| Kansas City | 627 | 15.05 | 11.31 | 18.79 | 15.16 | 10.18 | 20.13 |
| Northeast | 370 | 9.96 | 5.82 | 14.09 | 11.16 | 6.77 | 15.56 |
| Northwest | 416 | 11.02 | 6.78 | 15.25 | 8.72 | 5.32 | 12.13 |
| Southeast | 348 | 8.89 | 5.54 | 12.24 | 12.06 | 7.54 | 16.58 |
| Southwest | 386 | 11.04 | 7.10 | 14.98 | 5.99 | 4.23 | 7.75 |
| St. Louis | 778 | 11.33 | 7.72 | 14.95 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 1984 | 13.60 | 10.86 | 16.33 | 13.45 | 10.98 | 15.91 |
| Male | 1402 | 10.51 | 8.30 | 12.71 | 5.78 | 4.51 | 7.06 |
| RACE | | | | | | | |
| Black | 282 | 34.50 | 24.73 | 44.28 | 35.84 | 27.66 | 44.02 |
| Other | 207 | 21.33 | 11.40 | 31.25 | 14.71 | 10.84 | 18.57 |
| White | 2888 | 9.31 | 7.73 | 10.89 | 2.02 | 1.49 | 2.55 |
| EDUCATION | | | | | | | |
| <HS | 287 | 17.75 | 11.55 | 23.95 | 18.81 | 13.34 | 24.28 |
| HS | 1161 | 10.08 | 6.83 | 13.32 | 13.14 | 9.41 | 16.88 |
| >HS | 1934 | 12.27 | 10.01 | 14.53 | 2.65 | 1.99 | 3.31 |
| INCOME | | | | | | | |
| <\$15,000 | 308 | 25.45 | 17.31 | 33.59 | 23.25 | 16.26 | 30.23 |
| \$15-24,999 | 487 | 11.17 | 7.49 | 14.86 | 19.22 | 10.13 | 28.30 |
| \$25-24,999 | 413 | 14.85 | 8.06 | 21.64 | 15.72 | 9.83 | 21.61 |
| \$35-49,999 | 593 | 14.45 | 8.83 | 20.08 | 9.56 | 4.96 | 14.16 |
| \$50-74,999 | 598 | 7.77 | 4.83 | 10.71 | 8.89 | 5.76 | 12.02 |
| \$75,000+ | 721 | 9.66 | 6.71 | 12.60 | 0.00 | . | . |

Definition: Among respondents age 64 and younger, “Yes” and “No” response to the question “Have you ever been tested for HIV?” AND month/year is 12 months and less from current date.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test at a private doctor or HMO office

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.1 | 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 | 1170 | 38.45 | 34.29 | 42.62 | 30.82 | 27.31 | 34.33 |
| REGION | | | | | | | |
| Central | 133 | 35.67 | 24.00 | 47.33 | 30.84 | 21.62 | 40.06 |
| Kansas City | 250 | 42.64 | 35.35 | 49.93 | 30.38 | 23.80 | 36.97 |
| Northeast | 113 | 19.32 | 11.91 | 26.73 | 28.53 | 20.05 | 37.01 |
| Northwest | 121 | 31.82 | 21.56 | 42.09 | 26.59 | 19.34 | 33.84 |
| Southeast | 115 | 30.56 | 21.09 | 40.02 | 34.66 | 23.93 | 45.39 |
| Southwest | 107 | 37.47 | 27.03 | 47.91 | 22.28 | 17.79 | 26.78 |
| St. Louis | 331 | 41.55 | 32.80 | 50.29 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 46.44 | 40.85 | 52.04 | 38.27 | 33.28 | 43.25 |
| Male | 462 | 29.14 | 23.08 | 35.19 | 16.71 | 13.39 | 20.03 |
| RACE | | | | | | | |
| Black | 171 | 26.68 | 13.46 | 39.90 | 22.61 | 13.69 | 31.54 |
| Other | 90 | 21.64 | 10.79 | 32.49 | 30.68 | 22.82 | 38.55 |
| White | 907 | 42.40 | 37.80 | 47.00 | 12.82 | 11.04 | 14.59 |
| EDUCATION | | | | | | | |
| <HS | 107 | 25.43 | 14.62 | 36.25 | 22.34 | 13.70 | 30.98 |
| HS | 315 | 33.31 | 25.59 | 41.03 | 43.94 | 34.58 | 53.30 |
| >HS | 747 | 42.55 | 37.25 | 47.85 | 11.64 | 9.73 | 13.55 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 26.42 | 15.60 | 37.24 | 23.65 | 14.64 | 32.65 |
| \$15-24,999 | 185 | 25.71 | 16.84 | 34.57 | 39.30 | 25.44 | 53.16 |
| \$25-24,999 | 125 | 40.53 | 25.64 | 55.42 | 42.91 | 33.44 | 52.37 |
| \$35-49,999 | 212 | 43.75 | 33.51 | 53.98 | 32.81 | 24.96 | 40.67 |
| \$50-74,999 | 162 | 39.31 | 28.67 | 49.94 | 38.44 | 29.22 | 47.66 |
| \$75,000+ | 256 | 47.02 | 38.35 | 55.70 | 0.00 | . | . |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test at a hospital

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.2 | 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 | 1170 | 20.00 | 16.70 | 23.31 | 16.60 | 13.83 | 19.36 |
| REGION | | | | | | | |
| Central | 133 | 23.64 | 15.59 | 31.68 | 24.71 | 17.73 | 31.69 |
| Kansas City | 250 | 16.31 | 11.45 | 21.17 | 21.08 | 11.25 | 30.91 |
| Northeast | 113 | 24.74 | 15.06 | 34.42 | 20.63 | 11.45 | 29.81 |
| Northwest | 121 | 16.35 | 6.31 | 26.38 | 24.66 | 13.37 | 35.95 |
| Southeast | 115 | 27.08 | 16.70 | 37.46 | 18.69 | 9.69 | 27.70 |
| Southwest | 107 | 19.93 | 10.30 | 29.56 | 10.28 | 6.86 | 13.69 |
| St. Louis | 331 | 19.52 | 12.69 | 26.34 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 19.84 | 15.81 | 23.86 | 22.88 | 16.92 | 28.83 |
| Male | 462 | 20.20 | 14.76 | 25.63 | 9.78 | 7.26 | 12.30 |
| RACE | | | | | | | |
| Black | 171 | 18.27 | 10.10 | 26.44 | 16.88 | 9.97 | 23.80 |
| Other | 90 | 21.61 | 9.15 | 34.06 | 23.28 | 15.45 | 31.11 |
| White | 907 | 20.13 | 16.40 | 23.86 | 6.08 | 4.72 | 7.43 |
| EDUCATION | | | | | | | |
| <HS | 107 | 15.26 | 7.37 | 23.14 | 15.15 | 8.58 | 21.71 |
| HS | 315 | 17.86 | 12.00 | 23.73 | 18.37 | 10.80 | 25.93 |
| >HS | 747 | 21.65 | 17.30 | 26.00 | 6.97 | 5.41 | 8.52 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 23.26 | 14.16 | 32.35 | 27.85 | 18.36 | 37.33 |
| \$15-24,999 | 185 | 23.62 | 13.05 | 34.19 | 11.98 | 7.21 | 16.75 |
| \$25-24,999 | 125 | 16.34 | 8.94 | 23.75 | 17.20 | 11.02 | 23.38 |
| \$35-49,999 | 212 | 20.51 | 13.04 | 27.97 | 15.54 | 10.14 | 20.94 |
| \$50-74,999 | 162 | 15.17 | 8.14 | 22.21 | 16.56 | 10.16 | 22.95 |
| \$75,000+ | 256 | 20.33 | 13.45 | 27.22 | 0.00 | . | . |

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “At a hospital” 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, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test at a clinic

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.3 | 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 | 1170 | 21.33 | 17.80 | 24.86 | 18.50 | 15.38 | 21.63 |
| REGION | | | | | | | |
| Central | 133 | 19.54 | 9.82 | 29.27 | 22.14 | 13.25 | 31.04 |
| Kansas City | 250 | 25.67 | 18.96 | 32.37 | 23.61 | 15.16 | 32.06 |
| Northeast | 113 | 27.13 | 17.44 | 36.82 | 30.80 | 21.14 | 40.46 |
| Northwest | 121 | 30.15 | 19.36 | 40.93 | 29.85 | 18.68 | 41.02 |
| Southeast | 115 | 21.12 | 12.46 | 29.79 | 25.85 | 15.36 | 36.33 |
| Southwest | 107 | 21.04 | 12.35 | 29.73 | 8.43 | 5.28 | 11.58 |
| St. Louis | 331 | 17.77 | 10.59 | 24.95 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 22.55 | 17.49 | 27.61 | 21.37 | 16.62 | 26.12 |
| Male | 462 | 19.91 | 15.13 | 24.69 | 10.95 | 8.30 | 13.61 |
| RACE | | | | | | | |
| Black | 171 | 34.88 | 23.01 | 46.75 | 39.39 | 27.62 | 51.16 |
| Other | 90 | 34.36 | 16.12 | 52.60 | 28.20 | 19.92 | 36.48 |
| White | 907 | 17.55 | 14.29 | 20.80 | 4.99 | 3.71 | 6.27 |
| EDUCATION | | | | | | | |
| <HS | 107 | 35.54 | 22.82 | 48.26 | 37.64 | 26.50 | 48.77 |
| HS | 315 | 26.21 | 17.73 | 34.69 | 23.29 | 16.35 | 30.22 |
| >HS | 747 | 17.13 | 13.63 | 20.63 | 5.15 | 3.72 | 6.58 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 31.19 | 19.48 | 42.91 | 29.35 | 20.41 | 38.29 |
| \$15-24,999 | 185 | 33.70 | 24.34 | 43.06 | 25.41 | 18.19 | 32.63 |
| \$25-24,999 | 125 | 18.31 | 9.98 | 26.64 | 25.05 | 15.35 | 34.76 |
| \$35-49,999 | 212 | 20.38 | 9.35 | 31.42 | 16.92 | 8.70 | 25.15 |
| \$50-74,999 | 162 | 17.55 | 10.34 | 24.76 | 13.24 | 5.52 | 20.96 |
| \$75,000+ | 256 | 12.57 | 6.79 | 18.35 | 0.00 | . | . |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12- HIV Testing:

Age 64 and younger - Had last HIV test at a jail or prison (or other correctional facility)

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.4 | 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 | 1170 | 3.04 | 1.33 | 4.75 | 2.48 | 1.23 | 3.73 |
| REGION | | | | | | | |
| Central | 133 | 0.69 | -0.31 | 1.69 | 1.44 | -0.33 | 3.21 |
| Kansas City | 250 | 2.59 | 0.22 | 4.96 | 10.05 | 1.60 | 18.51 |
| Northeast | 113 | 9.60 | 1.92 | 17.29 | 2.86 | -0.29 | 6.01 |
| Northwest | 121 | 2.80 | -0.73 | 6.33 | 2.62 | 0.38 | 4.86 |
| Southeast | 115 | 3.42 | 0.24 | 6.60 | 2.52 | -2.16 | 7.20 |
| Southwest | 107 | 2.00 | -1.91 | 5.90 | 1.79 | 0.03 | 3.54 |
| St. Louis | 331 | 3.67 | -0.36 | 7.71 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 0.46 | -0.05 | 0.98 | 1.87 | 0.23 | 3.52 |
| Male | 462 | 6.05 | 2.46 | 9.65 | 2.92 | 1.18 | 4.65 |
| RACE | | | | | | | |
| Black | 171 | 3.58 | -1.10 | 8.25 | 4.98 | 0.37 | 9.59 |
| Other | 90 | 6.89 | 0.91 | 12.87 | 4.02 | 0.07 | 7.98 |
| White | 907 | 2.51 | 0.56 | 4.46 | 0.71 | 0.13 | 1.29 |
| EDUCATION | | | | | | | |
| <HS | 107 | 9.06 | 1.60 | 16.53 | 8.55 | 1.34 | 15.76 |
| HS | 315 | 6.14 | 0.76 | 11.52 | 4.97 | 1.92 | 8.03 |
| >HS | 747 | 0.82 | 0.19 | 1.44 | 0.18 | -0.05 | 0.42 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 7.56 | 0.92 | 14.20 | 6.28 | 1.01 | 11.55 |
| \$15-24,999 | 185 | 2.26 | -0.28 | 4.79 | 6.42 | 0.51 | 12.32 |
| \$25-24,999 | 125 | 8.67 | 1.43 | 15.90 | 2.42 | -0.31 | 5.15 |
| \$35-49,999 | 212 | 1.09 | -0.25 | 2.43 | 0.54 | -0.22 | 1.29 |
| \$50-74,999 | 162 | 0.29 | -0.28 | 0.87 | 1.29 | -1.13 | 3.72 |
| \$75,000+ | 256 | 2.35 | -2.18 | 6.88 | 0.00 | . | . |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test at a drug treatment facility

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.5 | 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 | 1170 | 0.40 | 0.09 | 0.72 | 0.37 | 0.06 | 0.67 |
| REGION | | | | | | | |
| Central | 133 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Kansas City | 250 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Northeast | 113 | 1.37 | -1.32 | 4.06 | 1.03 | -0.41 | 2.48 |
| Northwest | 121 | 1.06 | -0.25 | 2.38 | 0.86 | -0.27 | 1.99 |
| Southeast | 115 | 0.94 | -0.92 | 2.80 | 0.00 | . | . |
| Southwest | 107 | 0.00 | 0.00 | 0.00 | 0.43 | -0.05 | 0.91 |
| St. Louis | 331 | 0.63 | -0.06 | 1.32 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 0.36 | -0.08 | 0.79 | 0.45 | -0.12 | 1.02 |
| Male | 462 | 0.45 | -0.00 | 0.91 | 0.25 | 0.01 | 0.48 |
| RACE | | | | | | | |
| Black | 171 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Other | 90 | 0.23 | -0.23 | 0.69 | 0.28 | -0.17 | 0.73 |
| White | 907 | 0.49 | 0.09 | 0.89 | 0.23 | -0.00 | 0.45 |
| EDUCATION | | | | | | | |
| <HS | 107 | 1.08 | -0.70 | 2.86 | 1.21 | -0.92 | 3.35 |
| HS | 315 | 1.04 | 0.06 | 2.03 | 0.79 | 0.03 | 1.54 |
| >HS | 747 | 0.02 | -0.02 | 0.07 | 0.02 | -0.02 | 0.05 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 1.75 | -0.32 | 3.83 | 1.45 | -0.27 | 3.18 |
| \$15-24,999 | 185 | 1.10 | -0.26 | 2.46 | 1.23 | -0.14 | 2.60 |
| \$25-24,999 | 125 | 0.77 | -0.75 | 2.28 | 0.00 | . | . |
| \$35-49,999 | 212 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| \$50-74,999 | 162 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| \$75,000+ | 256 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test at home

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.6 | 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 | 1170 | 5.17 | 3.26 | 7.09 | 4.43 | 2.89 | 5.98 |
| REGION | | | | | | | |
| Central | 133 | 5.06 | 1.55 | 8.56 | 5.28 | 1.71 | 8.84 |
| Kansas City | 250 | 4.49 | 1.83 | 7.15 | 4.29 | 1.26 | 7.32 |
| Northeast | 113 | 2.28 | -2.15 | 6.72 | 3.17 | 0.02 | 6.32 |
| Northwest | 121 | 5.43 | 1.51 | 9.35 | 6.13 | 1.81 | 10.46 |
| Southeast | 115 | 6.55 | 1.33 | 11.76 | 2.41 | -1.10 | 5.91 |
| Southwest | 107 | 2.18 | -0.90 | 5.26 | 4.26 | 1.51 | 7.01 |
| St. Louis | 331 | 6.73 | 2.19 | 11.27 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 4.45 | 2.15 | 6.75 | 3.78 | 1.95 | 5.62 |
| Male | 462 | 6.02 | 2.80 | 9.23 | 3.86 | 1.90 | 5.81 |
| RACE | | | | | | | |
| Black | 171 | 6.14 | -2.65 | 14.94 | 4.91 | -1.22 | 11.05 |
| Other | 90 | 0.00 | 0.00 | 0.00 | 0.50 | 0.17 | 0.82 |
| White | 907 | 5.61 | 3.63 | 7.59 | 2.61 | 1.62 | 3.59 |
| EDUCATION | | | | | | | |
| <HS | 107 | 2.14 | -0.33 | 4.60 | 1.75 | -0.22 | 3.72 |
| HS | 315 | 2.95 | 0.73 | 5.17 | 2.72 | 0.91 | 4.52 |
| >HS | 747 | 6.59 | 3.76 | 9.41 | 2.85 | 1.64 | 4.05 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 0.11 | -0.10 | 0.32 | 0.09 | -0.09 | 0.26 |
| \$15-24,999 | 185 | 1.25 | -0.34 | 2.83 | 1.96 | 0.05 | 3.88 |
| \$25-24,999 | 125 | 2.73 | -0.45 | 5.91 | 4.23 | 0.62 | 7.84 |
| \$35-49,999 | 212 | 5.73 | -0.13 | 11.58 | 6.97 | 2.90 | 11.05 |
| \$50-74,999 | 162 | 10.16 | 4.12 | 16.20 | 5.69 | 2.65 | 8.74 |
| \$75,000+ | 256 | 7.71 | 3.02 | 12.41 | 0.00 | . | . |

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “At home” 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, 2007

Section 12 – HIV Testing:

Age 64 and younger - Had last HIV test somewhere else

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.3.7 | 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 | 1170 | 8.89 | 6.47 | 11.32 | 7.43 | 5.34 | 9.53 |
| REGION | | | | | | | |
| Central | 133 | 11.77 | 3.56 | 19.97 | 9.74 | 3.41 | 16.08 |
| Kansas City | 250 | 4.66 | 1.70 | 7.62 | 5.95 | 1.13 | 10.76 |
| Northeast | 113 | 11.02 | 4.89 | 17.15 | 12.61 | 6.36 | 18.86 |
| Northwest | 121 | 12.39 | 5.55 | 19.24 | 8.77 | 3.92 | 13.61 |
| Southeast | 115 | 9.83 | 3.50 | 16.16 | 12.98 | 5.80 | 20.16 |
| Southwest | 107 | 14.41 | 5.63 | 23.20 | 4.15 | 1.71 | 6.59 |
| St. Louis | 331 | 7.81 | 3.30 | 12.32 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 708 | 4.85 | 2.76 | 6.95 | 8.38 | 4.21 | 12.56 |
| Male | 462 | 13.61 | 9.06 | 18.15 | 6.48 | 4.14 | 8.81 |
| RACE | | | | | | | |
| Black | 171 | 4.28 | 1.30 | 7.26 | 6.53 | 0.97 | 12.09 |
| Other | 90 | 11.05 | 1.60 | 20.50 | 9.69 | 4.13 | 15.25 |
| White | 907 | 9.36 | 6.50 | 12.23 | 2.90 | 1.79 | 4.02 |
| EDUCATION | | | | | | | |
| <HS | 107 | 8.51 | 0.64 | 16.38 | 10.23 | 3.67 | 16.79 |
| HS | 315 | 9.59 | 4.33 | 14.85 | 4.53 | 2.33 | 6.73 |
| >HS | 747 | 8.66 | 5.82 | 11.50 | 3.22 | 1.95 | 4.48 |
| INCOME | | | | | | | |
| <\$15,000 | 157 | 6.64 | 0.98 | 12.30 | 8.53 | 2.29 | 14.76 |
| \$15-24,999 | 185 | 8.58 | 3.30 | 13.86 | 10.96 | 1.75 | 20.16 |
| \$25-24,999 | 125 | 11.36 | 1.27 | 21.45 | 6.18 | 0.81 | 11.55 |
| \$35-49,999 | 212 | 6.76 | 1.51 | 12.02 | 24.70 | 16.94 | 32.46 |
| \$50-74,999 | 162 | 14.17 | 6.77 | 21.57 | 6.60 | 2.43 | 10.77 |
| \$75,000+ | 256 | 8.23 | 3.40 | 13.05 | 0.00 | . | . |

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “Somewhere else” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at 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, 2007

Section 12 – HIV Testing:

Age 64 and younger - Last HIV test was a rapid results test

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 12.4 | 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 | 278 | 18.36 | 11.96 | 24.75 | 14.10 | 9.29 | 18.92 |
| REGION | | | | | | | |
| Central | -- | -- | -- | -- | -- | -- | -- |
| Kansas City | 66 | 26.30 | 11.61 | 40.98 | 24.41 | 7.19 | 41.64 |
| Northeast | -- | -- | -- | -- | -- | -- | -- |
| Northwest | -- | -- | -- | -- | -- | -- | -- |
| Southeast | -- | -- | -- | -- | -- | -- | -- |
| Southwest | -- | -- | -- | -- | -- | -- | -- |
| St. Louis | 92 | 9.06 | 0.87 | 17.25 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 159 | 13.15 | 5.92 | 20.38 | 18.88 | 10.66 | 27.10 |
| Male | 119 | 25.78 | 14.45 | 37.10 | 10.42 | 5.36 | 15.49 |
| RACE | | | | | | | |
| Black | 71 | 18.61 | 3.12 | 34.10 | 13.65 | 5.18 | 22.12 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 179 | 18.50 | 10.68 | 26.32 | 4.18 | 0.97 | 7.38 |
| EDUCATION | | | | | | | |
| <HS | -- | -- | -- | -- | -- | -- | -- |
| HS | 61 | 13.41 | 0.34 | 26.48 | 19.33 | 8.69 | 29.97 |
| >HS | 175 | 18.50 | 10.47 | 26.52 | 4.29 | 1.08 | 7.50 |
| INCOME | | | | | | | |
| <\$15,000 | 55 | 8.02 | 1.57 | 14.47 | 16.53 | 4.94 | 28.11 |
| \$15-24,999 | -- | -- | -- | -- | -- | -- | -- |
| \$25-24,999 | -- | -- | -- | -- | -- | -- | -- |
| \$35-49,999 | -- | -- | -- | -- | -- | -- | -- |
| \$50-74,999 | -- | -- | -- | -- | -- | -- | -- |
| \$75,000+ | 55 | 15.55 | 3.01 | 28.09 | 0.00 | . | . |

-- Number of responses less than 50 and not sufficient to report.

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

**Section 13 - Hypertension Awareness:
Ever been told by a doctor have high blood pressure**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 13.1 | 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 | 5254 | 29.44 | 27.64 | 31.24 | 28.37 | 26.70 | 30.04 |
| REGION | | | | | | | |
| Central | 664 | 27.55 | 23.41 | 31.69 | 28.06 | 24.34 | 31.78 |
| Kansas City | 934 | 26.06 | 22.86 | 29.25 | 25.29 | 22.47 | 28.11 |
| Northeast | 592 | 31.95 | 27.72 | 36.19 | 29.83 | 26.20 | 33.46 |
| Northwest | 668 | 28.68 | 24.40 | 32.96 | 28.04 | 24.36 | 31.72 |
| Southeast | 596 | 38.17 | 33.43 | 42.91 | 37.06 | 31.62 | 42.51 |
| Southwest | 649 | 25.80 | 21.98 | 29.62 | 24.68 | 21.31 | 28.06 |
| St. Louis | 1151 | 30.83 | 26.84 | 34.82 | 29.51 | 25.82 | 33.19 |
| GENDER | | | | | | | |
| Female | 3205 | 29.12 | 26.79 | 31.46 | 27.04 | 24.77 | 29.31 |
| Male | 2049 | 29.78 | 27.02 | 32.55 | 29.69 | 27.21 | 32.17 |
| RACE | | | | | | | |
| Black | 431 | 41.91 | 33.51 | 50.31 | 42.27 | 35.14 | 49.40 |
| Other | 286 | 26.06 | 17.67 | 34.46 | 28.78 | 21.84 | 35.73 |
| White | 4506 | 28.63 | 26.77 | 30.49 | 27.12 | 25.45 | 28.78 |
| EDUCATION | | | | | | | |
| <HS | 599 | 34.07 | 28.06 | 40.08 | 36.89 | 31.26 | 42.51 |
| HS | 1944 | 33.04 | 29.88 | 36.20 | 30.61 | 27.72 | 33.51 |
| >HS | 2704 | 26.34 | 23.98 | 28.70 | 26.23 | 23.84 | 28.62 |
| INCOME | | | | | | | |
| <\$15,000 | 594 | 43.76 | 36.87 | 50.66 | 41.09 | 35.10 | 47.07 |
| \$15-24,999 | 909 | 38.08 | 33.30 | 42.86 | 35.62 | 31.08 | 40.17 |
| \$25-24,999 | 674 | 36.37 | 30.75 | 41.99 | 33.16 | 27.55 | 38.77 |
| \$35-49,999 | 806 | 25.12 | 20.45 | 29.79 | 26.67 | 22.23 | 31.10 |
| \$50-74,999 | 762 | 25.22 | 21.17 | 29.27 | 24.65 | 20.76 | 28.54 |
| \$75,000+ | 869 | 21.07 | 17.47 | 24.66 | 21.26 | 17.93 | 24.60 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 13 - Hypertension Awareness:

Currently taking medication for high blood pressure

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 13.2 | 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 | 1910 | 78.11 | 74.70 | 81.52 | 60.20 | 56.50 | 63.89 |
| REGION | | | | | | | |
| Central | 238 | 77.30 | 68.81 | 85.79 | 62.20 | 53.23 | 71.17 |
| Kansas City | 311 | 79.26 | 73.29 | 85.23 | 58.84 | 51.77 | 65.91 |
| Northeast | 225 | 81.45 | 75.34 | 87.56 | 65.24 | 57.98 | 72.49 |
| Northwest | 237 | 78.34 | 69.70 | 86.97 | 47.08 | 40.51 | 53.64 |
| Southeast | 258 | 66.98 | 58.52 | 75.45 | 73.75 | 66.01 | 81.50 |
| Southwest | 215 | 76.26 | 68.63 | 83.90 | 46.74 | 40.28 | 53.20 |
| St. Louis | 426 | 81.81 | 74.44 | 89.19 | 45.79 | 42.68 | 48.90 |
| GENDER | | | | | | | |
| Female | 1143 | 80.67 | 75.72 | 85.61 | 63.74 | 58.16 | 69.33 |
| Male | 767 | 75.42 | 70.62 | 80.22 | 57.66 | 52.99 | 62.33 |
| RACE | | | | | | | |
| Black | 197 | 71.00 | 57.17 | 84.83 | 60.72 | 49.65 | 71.78 |
| Other | 94 | 60.15 | 38.49 | 81.82 | 52.05 | 38.65 | 65.45 |
| White | 1612 | 80.37 | 77.26 | 83.48 | 61.13 | 56.70 | 65.56 |
| EDUCATION | | | | | | | |
| <HS | 281 | 78.73 | 70.69 | 86.77 | 71.38 | 62.65 | 80.11 |
| HS | 776 | 78.81 | 72.95 | 84.67 | 59.32 | 53.74 | 64.89 |
| >HS | 851 | 77.43 | 72.55 | 82.31 | 61.29 | 55.70 | 66.89 |
| INCOME | | | | | | | |
| <\$15,000 | 304 | 79.48 | 71.37 | 87.60 | 63.58 | 53.37 | 73.79 |
| \$15-24,999 | 395 | 76.47 | 68.42 | 84.52 | 56.10 | 49.56 | 62.65 |
| \$25-24,999 | 264 | 75.27 | 64.84 | 85.71 | 55.09 | 45.39 | 64.79 |
| \$35-49,999 | 242 | 76.62 | 63.82 | 89.42 | 60.16 | 49.53 | 70.78 |
| \$50-74,999 | 227 | 82.69 | 75.91 | 89.47 | 79.27 | 71.66 | 86.88 |
| \$75,000+ | 221 | 79.65 | 72.92 | 86.38 | 65.86 | 59.65 | 72.07 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Ever had blood cholesterol checked

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 14.1 | 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 | 5163 | 78.01 | 75.98 | 80.03 | 76.68 | 74.89 | 78.46 |
| REGION | | | | | | | |
| Central | 653 | 76.80 | 71.73 | 81.87 | 76.71 | 72.25 | 81.16 |
| Kansas City | 916 | 77.17 | 73.04 | 81.29 | 75.97 | 72.64 | 79.31 |
| Northeast | 578 | 75.47 | 70.59 | 80.36 | 72.80 | 68.15 | 77.45 |
| Northwest | 655 | 82.39 | 78.00 | 86.78 | 82.57 | 78.54 | 86.60 |
| Southeast | 589 | 76.63 | 72.09 | 81.17 | 73.66 | 68.50 | 78.82 |
| Southwest | 642 | 72.08 | 67.02 | 77.14 | 71.65 | 67.65 | 75.65 |
| St. Louis | 1130 | 81.63 | 77.35 | 85.91 | 79.76 | 75.87 | 83.65 |
| GENDER | | | | | | | |
| Female | 3147 | 79.22 | 76.68 | 81.76 | 77.08 | 74.71 | 79.45 |
| Male | 2016 | 76.70 | 73.48 | 79.93 | 76.29 | 73.60 | 78.98 |
| RACE | | | | | | | |
| Black | 419 | 80.13 | 73.77 | 86.49 | 80.23 | 73.92 | 86.54 |
| Other | 282 | 61.13 | 51.30 | 70.97 | 66.60 | 60.28 | 72.93 |
| White | 4431 | 79.15 | 77.02 | 81.28 | 77.09 | 75.26 | 78.92 |
| EDUCATION | | | | | | | |
| <HS | 587 | 63.50 | 55.75 | 71.25 | 66.50 | 60.31 | 72.68 |
| HS | 1910 | 73.97 | 70.31 | 77.64 | 72.05 | 69.04 | 75.05 |
| >HS | 2661 | 83.36 | 81.03 | 85.69 | 81.48 | 79.04 | 83.92 |
| INCOME | | | | | | | |
| <\$15,000 | 580 | 70.12 | 61.73 | 78.52 | 66.07 | 59.28 | 72.85 |
| \$15-24,999 | 899 | 69.46 | 63.96 | 74.96 | 68.79 | 64.43 | 73.15 |
| \$25-24,999 | 664 | 73.35 | 67.07 | 79.62 | 71.36 | 65.51 | 77.21 |
| \$35-49,999 | 789 | 73.76 | 68.31 | 79.21 | 75.42 | 71.21 | 79.62 |
| \$50-74,999 | 744 | 84.42 | 80.64 | 88.20 | 82.54 | 77.86 | 87.21 |
| \$75,000+ | 859 | 87.35 | 83.80 | 90.91 | 82.75 | 78.65 | 86.85 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Had blood cholesterol checked within past year

Crude and Age-adjusted prevalence and 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 | 4394 | 70.62 | 68.53 | 72.71 | 67.41 | 64.54 | 70.28 |
| REGION | | | | | | | |
| Central | 554 | 68.87 | 63.64 | 74.09 | 64.80 | 58.77 | 70.83 |
| Kansas City | 783 | 74.76 | 71.09 | 78.43 | 75.32 | 71.64 | 79.00 |
| Northeast | 477 | 69.57 | 64.57 | 74.58 | 66.87 | 60.62 | 73.12 |
| Northwest | 580 | 69.30 | 63.80 | 74.81 | 67.41 | 61.50 | 73.33 |
| Southeast | 494 | 68.64 | 63.54 | 73.74 | 66.37 | 59.02 | 73.73 |
| Southwest | 530 | 69.39 | 64.42 | 74.37 | 62.80 | 55.97 | 69.63 |
| St. Louis | 976 | 70.31 | 65.89 | 74.72 | 67.13 | 60.69 | 73.56 |
| GENDER | | | | | | | |
| Female | 2713 | 70.06 | 67.51 | 72.62 | 66.46 | 63.04 | 69.87 |
| Male | 1681 | 71.24 | 67.86 | 74.62 | 68.36 | 63.79 | 72.94 |
| RACE | | | | | | | |
| Black | 352 | 75.08 | 64.43 | 85.73 | 75.36 | 66.44 | 84.27 |
| Other | 215 | 65.59 | 56.73 | 74.44 | 63.51 | 54.16 | 72.85 |
| White | 3800 | 70.49 | 68.34 | 72.64 | 67.01 | 64.15 | 69.87 |
| EDUCATION | | | | | | | |
| <HS | 466 | 70.91 | 61.75 | 80.06 | 65.96 | 57.15 | 74.76 |
| HS | 1600 | 73.62 | 70.38 | 76.86 | 67.89 | 63.39 | 72.39 |
| >HS | 2324 | 68.99 | 66.25 | 71.72 | 68.22 | 64.96 | 71.48 |
| INCOME | | | | | | | |
| <\$15,000 | 476 | 77.22 | 71.61 | 82.83 | 70.52 | 62.46 | 78.57 |
| \$15-24,999 | 736 | 75.33 | 71.02 | 79.64 | 70.62 | 64.82 | 76.42 |
| \$25-24,999 | 551 | 73.34 | 67.85 | 78.84 | 67.58 | 60.22 | 74.93 |
| \$35-49,999 | 651 | 66.39 | 61.18 | 71.61 | 64.65 | 58.96 | 70.34 |
| \$50-74,999 | 653 | 71.31 | 66.47 | 76.15 | 69.21 | 63.01 | 75.41 |
| \$75,000+ | 780 | 68.62 | 64.14 | 73.11 | 71.52 | 66.56 | 76.49 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Had blood cholesterol checked more than 1 year ago but less than 2 years ago

Crude and Age-adjusted prevalence and 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 | 4394 | 13.95 | 12.39 | 15.52 | 15.62 | 13.52 | 17.73 |
| REGION | | | | | | | |
| Central | 554 | 13.86 | 9.91 | 17.80 | 16.19 | 11.10 | 21.27 |
| Kansas City | 783 | 13.51 | 10.60 | 16.41 | 13.37 | 10.34 | 16.41 |
| Northeast | 477 | 11.43 | 8.43 | 14.44 | 11.56 | 7.90 | 15.22 |
| Northwest | 580 | 14.52 | 10.02 | 19.01 | 15.52 | 10.39 | 20.66 |
| Southeast | 494 | 15.36 | 11.11 | 19.61 | 16.55 | 10.34 | 22.77 |
| Southwest | 530 | 12.73 | 9.03 | 16.43 | 18.65 | 12.65 | 24.64 |
| St. Louis | 976 | 14.55 | 11.31 | 17.78 | 15.50 | 11.74 | 19.25 |
| GENDER | | | | | | | |
| Female | 2713 | 14.48 | 12.47 | 16.49 | 16.71 | 13.82 | 19.61 |
| Male | 1681 | 13.37 | 10.94 | 15.80 | 14.27 | 11.31 | 17.24 |
| RACE | | | | | | | |
| Black | 352 | 8.99 | 5.44 | 12.54 | 9.07 | 5.57 | 12.57 |
| Other | 215 | 19.29 | 11.62 | 26.95 | 21.52 | 13.66 | 29.37 |
| White | 3800 | 14.09 | 12.39 | 15.79 | 16.21 | 13.83 | 18.59 |
| EDUCATION | | | | | | | |
| <HS | 466 | 7.60 | 4.52 | 10.69 | 7.45 | 3.94 | 10.97 |
| HS | 1600 | 12.97 | 10.36 | 15.57 | 15.59 | 11.62 | 19.57 |
| >HS | 2324 | 15.46 | 13.28 | 17.63 | 16.72 | 13.92 | 19.52 |
| INCOME | | | | | | | |
| <\$15,000 | 476 | 6.89 | 4.10 | 9.68 | 7.39 | 3.50 | 11.29 |
| \$15-24,999 | 736 | 11.52 | 8.17 | 14.88 | 13.39 | 8.78 | 17.99 |
| \$25-24,999 | 551 | 14.36 | 9.74 | 18.98 | 18.32 | 11.61 | 25.02 |
| \$35-49,999 | 651 | 15.03 | 11.13 | 18.93 | 16.44 | 11.78 | 21.11 |
| \$50-74,999 | 653 | 14.85 | 10.87 | 18.83 | 18.06 | 12.15 | 23.97 |
| \$75,000+ | 780 | 16.35 | 12.72 | 19.97 | 14.31 | 10.66 | 17.96 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Had blood cholesterol checked more than 2 years ago but less than 5 years ago

Crude and Age-adjusted prevalence and 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 | 4394 | 9.51 | 8.25 | 10.77 | 9.93 | 8.55 | 11.31 |
| REGION | | | | | | | |
| Central | 554 | 10.88 | 7.49 | 14.27 | 11.63 | 7.91 | 15.35 |
| Kansas City | 783 | 6.70 | 4.63 | 8.77 | 6.58 | 4.41 | 8.76 |
| Northeast | 477 | 11.25 | 7.80 | 14.69 | 13.02 | 8.43 | 17.61 |
| Northwest | 580 | 9.28 | 6.22 | 12.33 | 9.65 | 6.22 | 13.08 |
| Southeast | 494 | 9.83 | 6.57 | 13.09 | 10.29 | 6.63 | 13.95 |
| Southwest | 530 | 11.24 | 7.86 | 14.63 | 12.51 | 8.18 | 16.84 |
| St. Louis | 976 | 9.60 | 7.04 | 12.17 | 9.61 | 6.95 | 12.26 |
| GENDER | | | | | | | |
| Female | 2713 | 10.12 | 8.47 | 11.77 | 11.14 | 9.19 | 13.09 |
| Male | 1681 | 8.83 | 6.92 | 10.74 | 8.77 | 6.81 | 10.73 |
| RACE | | | | | | | |
| Black | 352 | 7.12 | 3.27 | 10.98 | 7.23 | 3.57 | 10.89 |
| Other | 215 | 11.41 | 5.55 | 17.26 | 11.48 | 5.12 | 17.84 |
| White | 3800 | 9.65 | 8.29 | 11.01 | 10.23 | 8.70 | 11.77 |
| EDUCATION | | | | | | | |
| <HS | 466 | 9.42 | 5.35 | 13.48 | 11.62 | 6.39 | 16.85 |
| HS | 1600 | 8.50 | 6.67 | 10.32 | 9.66 | 7.31 | 12.01 |
| >HS | 2324 | 10.08 | 8.30 | 11.85 | 9.95 | 8.13 | 11.76 |
| INCOME | | | | | | | |
| <\$15,000 | 476 | 10.53 | 6.13 | 14.93 | 17.37 | 10.12 | 24.63 |
| \$15-24,999 | 736 | 8.05 | 5.52 | 10.57 | 9.39 | 6.15 | 12.63 |
| \$25-24,999 | 551 | 8.06 | 5.18 | 10.94 | 9.20 | 5.55 | 12.85 |
| \$35-49,999 | 651 | 11.60 | 8.11 | 15.09 | 11.40 | 8.05 | 14.75 |
| \$50-74,999 | 653 | 8.45 | 5.63 | 11.27 | 8.25 | 5.21 | 11.28 |
| \$75,000+ | 780 | 10.49 | 7.46 | 13.51 | 9.90 | 6.73 | 13.07 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Had blood cholesterol checked 5 or more years ago

Crude and Age-adjusted prevalence and 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 | 4394 | 4.61 | 3.74 | 5.48 | 4.59 | 3.65 | 5.53 |
| REGION | | | | | | | |
| Central | 554 | 4.53 | 2.58 | 6.47 | 4.38 | 2.37 | 6.39 |
| Kansas City | 783 | 4.96 | 3.08 | 6.83 | 4.66 | 2.79 | 6.53 |
| Northeast | 477 | 5.92 | 2.97 | 8.87 | 6.62 | 2.92 | 10.31 |
| Northwest | 580 | 5.61 | 2.33 | 8.89 | 5.98 | 2.72 | 9.23 |
| Southeast | 494 | 4.97 | 2.91 | 7.02 | 5.87 | 2.11 | 9.62 |
| Southwest | 530 | 5.54 | 2.78 | 8.31 | 5.11 | 2.26 | 7.97 |
| St. Louis | 976 | 3.73 | 2.14 | 5.32 | 3.27 | 1.88 | 4.66 |
| GENDER | | | | | | | |
| Female | 2713 | 4.53 | 3.39 | 5.67 | 4.57 | 3.32 | 5.82 |
| Male | 1681 | 4.69 | 3.36 | 6.01 | 4.64 | 3.20 | 6.08 |
| RACE | | | | | | | |
| Black | 352 | 2.42 | 0.46 | 4.38 | 2.57 | 0.40 | 4.73 |
| Other | 215 | 3.38 | 0.06 | 6.70 | 3.10 | 0.20 | 6.01 |
| White | 3800 | 4.89 | 3.92 | 5.86 | 4.96 | 3.85 | 6.06 |
| EDUCATION | | | | | | | |
| <HS | 466 | 4.91 | 1.62 | 8.19 | 6.09 | 1.87 | 10.32 |
| HS | 1600 | 3.22 | 2.04 | 4.39 | 3.80 | 2.17 | 5.44 |
| >HS | 2324 | 5.27 | 4.04 | 6.50 | 4.77 | 3.61 | 5.93 |
| INCOME | | | | | | | |
| <\$15,000 | 476 | 3.79 | 0.67 | 6.91 | 3.77 | 0.54 | 7.01 |
| \$15-24,999 | 736 | 4.43 | 2.56 | 6.31 | 6.12 | 2.98 | 9.27 |
| \$25-24,999 | 551 | 4.08 | 1.61 | 6.55 | 4.83 | 1.97 | 7.69 |
| \$35-49,999 | 651 | 5.19 | 2.76 | 7.63 | 5.12 | 2.68 | 7.56 |
| \$50-74,999 | 653 | 4.94 | 2.83 | 7.05 | 3.96 | 2.28 | 5.65 |
| \$75,000+ | 780 | 4.53 | 2.67 | 6.38 | 4.23 | 1.87 | 6.58 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 14 - Cholesterol Awareness:

Ever been told by a health professional that blood cholesterol is high

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 14.3 | 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 | 4369 | 39.45 | 37.32 | 41.59 | 35.13 | 32.70 | 37.57 |
| REGION | | | | | | | |
| Central | 550 | 36.92 | 31.86 | 41.98 | 33.67 | 27.91 | 39.43 |
| Kansas City | 777 | 40.34 | 36.29 | 44.39 | 37.09 | 31.89 | 42.29 |
| Northeast | 477 | 40.76 | 35.56 | 45.96 | 36.10 | 30.00 | 42.20 |
| Northwest | 577 | 33.68 | 28.96 | 38.41 | 30.49 | 26.33 | 34.66 |
| Southeast | 490 | 45.85 | 40.50 | 51.20 | 43.01 | 34.42 | 51.60 |
| Southwest | 527 | 37.93 | 33.05 | 42.80 | 31.58 | 26.92 | 36.24 |
| St. Louis | 971 | 39.24 | 34.72 | 43.76 | 34.65 | 29.73 | 39.57 |
| GENDER | | | | | | | |
| Female | 2699 | 37.23 | 34.62 | 39.83 | 31.70 | 29.03 | 34.37 |
| Male | 1670 | 41.93 | 38.48 | 45.38 | 38.97 | 34.78 | 43.16 |
| RACE | | | | | | | |
| Black | 352 | 30.86 | 23.23 | 38.49 | 30.14 | 24.27 | 36.01 |
| Other | 213 | 32.90 | 24.71 | 41.09 | 28.37 | 21.81 | 34.93 |
| White | 3778 | 40.64 | 38.36 | 42.91 | 36.45 | 33.61 | 39.29 |
| EDUCATION | | | | | | | |
| <HS | 461 | 44.87 | 37.13 | 52.60 | 38.71 | 31.54 | 45.87 |
| HS | 1592 | 43.21 | 39.73 | 46.69 | 37.96 | 33.50 | 42.42 |
| >HS | 2312 | 36.60 | 33.74 | 39.46 | 33.81 | 30.59 | 37.03 |
| INCOME | | | | | | | |
| <\$15,000 | 474 | 51.02 | 44.41 | 57.63 | 43.37 | 35.07 | 51.66 |
| \$15-24,999 | 730 | 45.03 | 39.75 | 50.30 | 40.78 | 33.45 | 48.11 |
| \$25-24,999 | 547 | 40.13 | 34.14 | 46.11 | 33.24 | 27.73 | 38.75 |
| \$35-49,999 | 650 | 36.79 | 31.52 | 42.07 | 33.87 | 29.05 | 38.70 |
| \$50-74,999 | 651 | 35.40 | 30.36 | 40.44 | 34.84 | 29.12 | 40.55 |
| \$75,000+ | 780 | 34.55 | 29.87 | 39.22 | 31.23 | 27.21 | 35.25 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 15 - Cardiovascular Disease Prevalence:
Ever been told by a health professional had a heart attack or myocardial infarction

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 15.1 | 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 | 5241 | 4.73 | 4.06 | 5.41 | 4.50 | 3.88 | 5.11 |
| REGION | | | | | | | |
| Central | 665 | 5.24 | 3.44 | 7.04 | 5.33 | 3.53 | 7.12 |
| Kansas City | 931 | 3.85 | 2.69 | 5.02 | 3.83 | 2.70 | 4.95 |
| Northeast | 591 | 7.32 | 5.28 | 9.35 | 6.22 | 4.57 | 7.87 |
| Northwest | 667 | 5.96 | 4.22 | 7.70 | 5.70 | 4.06 | 7.33 |
| Southeast | 591 | 7.44 | 5.23 | 9.66 | 6.74 | 4.76 | 8.71 |
| Southwest | 648 | 5.06 | 3.05 | 7.07 | 4.74 | 2.84 | 6.64 |
| St. Louis | 1148 | 3.69 | 2.42 | 4.96 | 3.49 | 2.34 | 4.63 |
| GENDER | | | | | | | |
| Female | 3193 | 3.59 | 2.90 | 4.28 | 3.25 | 2.63 | 3.87 |
| Male | 2048 | 5.96 | 4.77 | 7.15 | 6.03 | 4.91 | 7.16 |
| RACE | | | | | | | |
| Black | 431 | 4.45 | 2.29 | 6.60 | 4.65 | 2.56 | 6.73 |
| Other | 283 | 5.01 | 1.74 | 8.27 | 6.24 | 2.70 | 9.77 |
| White | 4497 | 4.74 | 4.02 | 5.46 | 4.39 | 3.74 | 5.04 |
| EDUCATION | | | | | | | |
| <HS | 595 | 9.18 | 6.33 | 12.04 | 9.39 | 6.24 | 12.55 |
| HS | 1939 | 4.32 | 3.26 | 5.37 | 3.81 | 2.85 | 4.76 |
| >HS | 2700 | 4.09 | 3.21 | 4.98 | 4.30 | 3.42 | 5.18 |
| INCOME | | | | | | | |
| <\$15,000 | 587 | 11.67 | 8.10 | 15.24 | 10.07 | 6.84 | 13.29 |
| \$15-24,999 | 906 | 8.42 | 6.23 | 10.62 | 6.92 | 5.03 | 8.80 |
| \$25-24,999 | 672 | 5.27 | 3.27 | 7.28 | 4.13 | 2.62 | 5.64 |
| \$35-49,999 | 804 | 4.90 | 2.79 | 7.02 | 5.19 | 3.07 | 7.30 |
| \$50-74,999 | 762 | 2.50 | 1.13 | 3.86 | 2.99 | 1.23 | 4.75 |
| \$75,000+ | 870 | 1.12 | 0.46 | 1.77 | 1.28 | 0.47 | 2.10 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 15 - Cardiovascular Disease Prevalence:
Ever been told by a health professional had angina or coronary heart disease

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 15.2 | 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 | 5205 | 4.41 | 3.74 | 5.08 | 4.20 | 3.59 | 4.81 |
| REGION | | | | | | | |
| Central | 660 | 4.62 | 3.07 | 6.16 | 4.66 | 3.20 | 6.11 |
| Kansas City | 930 | 3.54 | 2.43 | 4.65 | 3.52 | 2.45 | 4.59 |
| Northeast | 581 | 5.74 | 3.91 | 7.57 | 5.12 | 3.44 | 6.80 |
| Northwest | 659 | 5.05 | 3.16 | 6.93 | 4.90 | 3.08 | 6.72 |
| Southeast | 585 | 8.00 | 5.76 | 10.25 | 7.15 | 5.20 | 9.10 |
| Southwest | 647 | 3.14 | 1.74 | 4.54 | 3.03 | 1.66 | 4.39 |
| St. Louis | 1143 | 4.14 | 2.70 | 5.58 | 3.93 | 2.63 | 5.22 |
| GENDER | | | | | | | |
| Female | 3179 | 3.65 | 2.94 | 4.35 | 3.34 | 2.70 | 3.99 |
| Male | 2026 | 5.23 | 4.06 | 6.39 | 5.28 | 4.19 | 6.37 |
| RACE | | | | | | | |
| Black | 429 | 6.16 | 2.73 | 9.59 | 6.36 | 3.04 | 9.69 |
| Other | 277 | 4.05 | 1.05 | 7.04 | 5.81 | 1.86 | 9.76 |
| White | 4469 | 4.29 | 3.61 | 4.98 | 3.99 | 3.38 | 4.60 |
| EDUCATION | | | | | | | |
| <HS | 580 | 4.41 | 2.54 | 6.27 | 4.28 | 2.25 | 6.31 |
| HS | 1931 | 4.79 | 3.54 | 6.05 | 4.26 | 3.15 | 5.37 |
| >HS | 2687 | 4.18 | 3.32 | 5.04 | 4.50 | 3.63 | 5.38 |
| INCOME | | | | | | | |
| <\$15,000 | 579 | 9.62 | 6.05 | 13.19 | 8.55 | 5.20 | 11.90 |
| \$15-24,999 | 898 | 7.41 | 5.38 | 9.44 | 6.11 | 4.29 | 7.93 |
| \$25-24,999 | 668 | 4.48 | 2.37 | 6.60 | 3.74 | 2.08 | 5.41 |
| \$35-49,999 | 797 | 3.63 | 1.86 | 5.39 | 3.85 | 2.09 | 5.62 |
| \$50-74,999 | 759 | 3.66 | 2.11 | 5.21 | 4.70 | 2.73 | 6.68 |
| \$75,000+ | 866 | 1.43 | 0.72 | 2.14 | 1.75 | 0.78 | 2.71 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

**Section 15 - Cardiovascular Disease Prevalence:
Ever been told by a health professional had a stroke**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 15.3 | 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 | 5248 | 3.75 | 3.04 | 4.45 | 3.60 | 2.91 | 4.29 |
| REGION | | | | | | | |
| Central | 666 | 2.82 | 1.68 | 3.95 | 2.82 | 1.72 | 3.92 |
| Kansas City | 933 | 3.91 | 2.53 | 5.30 | 3.86 | 2.54 | 5.18 |
| Northeast | 589 | 4.07 | 2.42 | 5.71 | 3.53 | 2.08 | 4.99 |
| Northwest | 667 | 4.10 | 2.67 | 5.54 | 3.78 | 2.56 | 5.01 |
| Southeast | 595 | 4.25 | 2.70 | 5.80 | 3.88 | 2.38 | 5.37 |
| Southwest | 649 | 3.69 | 2.13 | 5.25 | 3.36 | 1.95 | 4.78 |
| St. Louis | 1149 | 3.78 | 2.19 | 5.37 | 3.72 | 2.12 | 5.32 |
| GENDER | | | | | | | |
| Female | 3201 | 4.15 | 3.23 | 5.07 | 3.81 | 2.93 | 4.69 |
| Male | 2047 | 3.32 | 2.24 | 4.39 | 3.34 | 2.30 | 4.38 |
| RACE | | | | | | | |
| Black | 431 | 5.38 | 2.77 | 7.98 | 5.64 | 3.06 | 8.21 |
| Other | 285 | 2.76 | 0.29 | 5.23 | 3.39 | 0.73 | 6.06 |
| White | 4502 | 3.64 | 2.88 | 4.41 | 3.44 | 2.68 | 4.20 |
| EDUCATION | | | | | | | |
| <HS | 594 | 6.93 | 4.47 | 9.39 | 6.98 | 4.40 | 9.56 |
| HS | 1944 | 4.65 | 3.37 | 5.93 | 4.17 | 2.93 | 5.42 |
| >HS | 2703 | 2.57 | 1.68 | 3.46 | 2.82 | 1.72 | 3.91 |
| INCOME | | | | | | | |
| <\$15,000 | 592 | 13.09 | 9.07 | 17.11 | 10.73 | 7.43 | 14.03 |
| \$15-24,999 | 906 | 8.36 | 5.26 | 11.45 | 7.43 | 4.60 | 10.26 |
| \$25-24,999 | 674 | 3.25 | 1.61 | 4.89 | 2.58 | 1.22 | 3.95 |
| \$35-49,999 | 805 | 1.34 | 0.59 | 2.08 | 1.45 | 0.65 | 2.25 |
| \$50-74,999 | 760 | 1.99 | 0.31 | 3.68 | 2.24 | 0.31 | 4.17 |
| \$75,000+ | 870 | 0.53 | 0.08 | 0.98 | 0.70 | -0.03 | 1.44 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

**Section 16 - Cardiovascular Health:
Went to outpatient rehabilitation after had heart attack**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 16.1 | 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 | 349 | 34.40 | 27.20 | 41.60 | 21.95 | 16.02 | 27.87 |
| REGION | | | | | | | |
| Central | -- | -- | -- | -- | -- | -- | -- |
| Kansas City | -- | -- | -- | -- | -- | -- | -- |
| Northeast | 56 | 25.90 | 13.09 | 38.72 | 20.89 | 10.00 | 31.77 |
| Northwest | 52 | 35.05 | 20.26 | 49.84 | 25.15 | 1.74 | 48.55 |
| Southeast | 53 | 20.84 | 8.92 | 32.76 | 20.20 | 12.17 | 28.24 |
| Southwest | -- | -- | -- | -- | -- | -- | -- |
| St. Louis | 65 | 36.23 | 18.03 | 54.43 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 164 | 24.36 | 15.99 | 32.72 | 13.93 | 9.19 | 18.66 |
| Male | 185 | 40.82 | 30.72 | 50.91 | 22.16 | 13.98 | 30.33 |
| RACE | | | | | | | |
| Black | -- | -- | -- | -- | -- | -- | -- |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 302 | 33.97 | 26.59 | 41.35 | 0.00 | . | . |
| EDUCATION | | | | | | | |
| <HS | 72 | 17.82 | 6.80 | 28.84 | 12.72 | 2.39 | 23.06 |
| HS | 123 | 25.06 | 15.68 | 34.44 | 26.13 | 10.82 | 41.43 |
| >HS | 152 | 46.48 | 35.09 | 57.88 | 6.27 | 4.33 | 8.22 |
| INCOME | | | | | | | |
| <\$15,000 | 84 | 22.67 | 11.45 | 33.90 | 16.50 | 9.56 | 23.44 |
| \$15-24,999 | 93 | 30.45 | 16.56 | 44.34 | 14.73 | 8.52 | 20.93 |
| \$25-24,999 | -- | -- | -- | -- | -- | -- | -- |
| \$35-49,999 | -- | -- | -- | -- | -- | -- | -- |
| \$50-74,999 | -- | -- | -- | -- | -- | -- | -- |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 16 - Cardiovascular Health:

Went to outpatient rehabilitation after had a stroke

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 16.2 | 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 | 248 | 39.61 | 29.19 | 50.04 | 51.30 | 44.78 | 57.81 |
| REGION | | | | | | | |
| Central | -- | -- | -- | -- | -- | -- | -- |
| Kansas City | -- | -- | -- | -- | -- | -- | -- |
| Northeast | -- | -- | -- | -- | -- | -- | -- |
| Northwest | -- | -- | -- | -- | -- | -- | -- |
| Southeast | -- | -- | -- | -- | -- | -- | -- |
| Southwest | -- | -- | -- | -- | -- | -- | -- |
| St. Louis | -- | -- | -- | -- | -- | -- | -- |
| GENDER | | | | | | | |
| Female | 153 | 38.31 | 26.35 | 50.27 | 52.40 | 45.97 | 58.83 |
| Male | 95 | 41.31 | 22.70 | 59.91 | 18.01 | 7.18 | 28.84 |
| RACE | | | | | | | |
| Black | -- | -- | -- | -- | -- | -- | -- |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 205 | 37.40 | 25.65 | 49.16 | 0.00 | -- | -- |
| EDUCATION | | | | | | | |
| <HS | 62 | 30.91 | 15.49 | 46.33 | 20.10 | 12.53 | 27.68 |
| HS | 98 | 33.83 | 19.03 | 48.64 | 58.48 | 47.50 | 69.46 |
| >HS | 88 | 50.22 | 31.61 | 68.82 | 5.13 | 2.28 | 7.97 |
| INCOME | | | | | | | |
| <\$15,000 | 81 | 36.97 | 20.14 | 53.80 | 74.48 | 68.23 | 80.74 |
| \$15-24,999 | 69 | 42.84 | 20.72 | 64.96 | 35.28 | 18.24 | 52.33 |
| \$25-24,999 | -- | -- | -- | -- | -- | -- | -- |
| \$35-49,999 | -- | -- | -- | -- | -- | -- | -- |
| \$50-74,999 | -- | -- | -- | -- | -- | -- | -- |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 16 - Cardiovascular Health:

Take aspirin daily or every other day

Crude and Age-adjusted prevalence and 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 | 4973 | 27.04 | 25.29 | 28.79 | 25.57 | 24.07 | 27.08 |
| REGION | | | | | | | |
| Central | 635 | 25.72 | 21.54 | 29.90 | 25.33 | 21.54 | 29.12 |
| Kansas City | 879 | 25.26 | 22.03 | 28.50 | 24.63 | 21.77 | 27.50 |
| Northeast | 566 | 31.81 | 27.39 | 36.24 | 28.74 | 24.84 | 32.64 |
| Northwest | 641 | 24.27 | 20.47 | 28.06 | 23.54 | 20.33 | 26.74 |
| Southeast | 550 | 31.40 | 27.05 | 35.76 | 27.16 | 23.88 | 30.44 |
| Southwest | 613 | 23.89 | 19.84 | 27.95 | 22.80 | 19.02 | 26.58 |
| St. Louis | 1089 | 28.36 | 24.56 | 32.16 | 26.55 | 23.43 | 29.67 |
| GENDER | | | | | | | |
| Female | 3019 | 24.18 | 22.10 | 26.26 | 22.21 | 20.46 | 23.97 |
| Male | 1954 | 30.12 | 27.25 | 32.98 | 29.43 | 26.97 | 31.89 |
| RACE | | | | | | | |
| Black | 395 | 28.78 | 22.10 | 35.46 | 28.54 | 22.82 | 34.26 |
| Other | 267 | 17.96 | 11.29 | 24.63 | 20.57 | 14.54 | 26.59 |
| White | 4285 | 27.59 | 25.70 | 29.48 | 25.60 | 24.00 | 27.19 |
| EDUCATION | | | | | | | |
| <HS | 557 | 30.59 | 24.79 | 36.40 | 28.47 | 23.28 | 33.67 |
| HS | 1828 | 28.04 | 25.15 | 30.93 | 25.51 | 23.14 | 27.87 |
| >HS | 2581 | 25.74 | 23.36 | 28.12 | 25.45 | 23.32 | 27.57 |
| INCOME | | | | | | | |
| <\$15,000 | 562 | 36.48 | 29.85 | 43.12 | 32.11 | 25.66 | 38.56 |
| \$15-24,999 | 860 | 33.92 | 29.23 | 38.60 | 30.07 | 25.96 | 34.19 |
| \$25-24,999 | 647 | 28.42 | 23.70 | 33.13 | 24.40 | 21.10 | 27.71 |
| \$35-49,999 | 766 | 21.22 | 17.55 | 24.89 | 22.15 | 18.90 | 25.40 |
| \$50-74,999 | 722 | 23.97 | 19.88 | 28.06 | 24.42 | 20.77 | 28.07 |
| \$75,000+ | 833 | 24.15 | 20.07 | 28.23 | 26.69 | 22.95 | 30.44 |

Definition: “Yes” response to “Do you take aspirin daily or every other day?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 16 - Cardiovascular Health:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 16.4 | 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 | 3274 | 10.88 | 9.36 | 12.40 | 12.33 | 10.80 | 13.86 |
| REGION | | | | | | | |
| Central | 431 | 11.29 | 8.08 | 14.50 | 13.12 | 9.83 | 16.42 |
| Kansas City | 585 | 10.51 | 7.93 | 13.09 | 12.23 | 9.51 | 14.96 |
| Northeast | 347 | 12.03 | 8.22 | 15.84 | 13.45 | 9.53 | 17.38 |
| Northwest | 431 | 12.28 | 8.59 | 15.97 | 14.28 | 10.96 | 17.60 |
| Southeast | 329 | 14.06 | 10.15 | 17.97 | 15.68 | 11.71 | 19.66 |
| Southwest | 427 | 9.41 | 6.24 | 12.58 | 10.53 | 7.42 | 13.64 |
| St. Louis | 724 | 10.50 | 7.01 | 14.00 | 11.72 | 8.23 | 15.20 |
| GENDER | | | | | | | |
| Female | 2055 | 13.73 | 11.53 | 15.93 | 14.73 | 12.61 | 16.86 |
| Male | 1219 | 7.58 | 5.54 | 9.62 | 8.97 | 6.74 | 11.19 |
| RACE | | | | | | | |
| Black | 262 | 6.21 | 2.75 | 9.68 | 8.23 | 3.93 | 12.53 |
| Other | 197 | 9.98 | 5.35 | 14.60 | 13.17 | 7.68 | 18.66 |
| White | 2799 | 11.26 | 9.56 | 12.97 | 12.71 | 10.99 | 14.43 |
| EDUCATION | | | | | | | |
| <HS | 326 | 16.43 | 10.95 | 21.92 | 17.58 | 12.32 | 22.85 |
| HS | 1171 | 12.54 | 9.58 | 15.51 | 13.58 | 10.89 | 16.27 |
| >HS | 1775 | 9.00 | 7.19 | 10.82 | 10.42 | 8.48 | 12.35 |
| INCOME | | | | | | | |
| <\$15,000 | 321 | 27.46 | 20.20 | 34.72 | 26.28 | 19.43 | 33.13 |
| \$15-24,999 | 512 | 14.31 | 10.41 | 18.21 | 15.87 | 11.84 | 19.90 |
| \$25-24,999 | 419 | 10.29 | 6.77 | 13.82 | 11.66 | 7.97 | 15.35 |
| \$35-49,999 | 556 | 9.87 | 6.54 | 13.21 | 12.20 | 8.42 | 15.99 |
| \$50-74,999 | 509 | 6.86 | 4.23 | 9.49 | 8.60 | 5.32 | 11.88 |
| \$75,000+ | 601 | 5.86 | 3.32 | 8.41 | 8.34 | 3.96 | 12.71 |

Definition: “No” response to “Do you take aspirin daily or every other day?” AND “Yes, not stomach related” AND “Yes, stomach problems” responses to “Do you have a health problem or condition that makes taking aspirin unsafe for you?” AND “Is this a stomach condition?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 17 - Heart Attack and Stroke Signs and Symptoms:
Know pain or discomfort in the jaw, neck or back are symptoms of a heart attack

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.1 | 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 | 4962 | 54.30 | 52.12 | 56.48 | 53.56 | 51.52 | 55.61 |
| REGION | | | | | | | |
| Central | 632 | 56.58 | 51.16 | 62.00 | 57.33 | 52.49 | 62.17 |
| Kansas City | 877 | 47.90 | 43.76 | 52.05 | 46.78 | 42.97 | 50.59 |
| Northeast | 564 | 60.35 | 55.27 | 65.43 | 60.08 | 54.97 | 65.19 |
| Northwest | 641 | 56.08 | 50.72 | 61.43 | 56.05 | 50.91 | 61.20 |
| Southeast | 548 | 61.00 | 55.96 | 66.04 | 59.35 | 54.06 | 64.63 |
| Southwest | 612 | 58.68 | 53.60 | 63.76 | 59.00 | 54.23 | 63.78 |
| St. Louis | 1088 | 52.30 | 47.66 | 56.93 | 50.99 | 46.63 | 55.35 |
| GENDER | | | | | | | |
| Female | 3011 | 62.03 | 59.22 | 64.84 | 61.17 | 58.54 | 63.80 |
| Male | 1951 | 45.98 | 42.70 | 49.27 | 45.52 | 42.44 | 48.60 |
| RACE | | | | | | | |
| Black | 395 | 32.04 | 25.16 | 38.92 | 31.86 | 25.16 | 38.57 |
| Other | 265 | 47.46 | 38.22 | 56.70 | 51.27 | 43.94 | 58.60 |
| White | 4276 | 56.82 | 54.46 | 59.18 | 55.82 | 53.57 | 58.07 |
| EDUCATION | | | | | | | |
| <HS | 553 | 36.91 | 30.73 | 43.10 | 38.17 | 31.97 | 44.37 |
| HS | 1826 | 49.75 | 46.09 | 53.42 | 49.87 | 46.43 | 53.30 |
| >HS | 2576 | 60.18 | 57.22 | 63.14 | 58.88 | 55.98 | 61.78 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 42.86 | 36.08 | 49.65 | 42.68 | 35.16 | 50.19 |
| \$15-24,999 | 860 | 53.27 | 47.89 | 58.64 | 53.01 | 47.78 | 58.24 |
| \$25-24,999 | 646 | 53.12 | 46.87 | 59.38 | 52.41 | 47.01 | 57.81 |
| \$35-49,999 | 765 | 56.39 | 50.96 | 61.82 | 56.71 | 51.61 | 61.81 |
| \$50-74,999 | 721 | 64.98 | 60.09 | 69.88 | 62.89 | 57.30 | 68.49 |
| \$75,000+ | 831 | 54.04 | 48.99 | 59.10 | 50.63 | 46.39 | 54.88 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.2 | 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 | 4961 | 61.14 | 59.02 | 63.27 | 61.32 | 59.15 | 63.49 |
| REGION | | | | | | | |
| Central | 632 | 59.83 | 54.73 | 64.93 | 59.43 | 54.51 | 64.35 |
| Kansas City | 877 | 60.75 | 56.67 | 64.83 | 61.06 | 56.89 | 65.22 |
| Northeast | 564 | 62.56 | 57.67 | 67.45 | 63.41 | 58.39 | 68.43 |
| Northwest | 641 | 67.28 | 62.35 | 72.21 | 68.07 | 63.37 | 72.76 |
| Southeast | 548 | 56.73 | 51.60 | 61.86 | 55.45 | 49.91 | 60.99 |
| Southwest | 612 | 64.67 | 60.04 | 69.31 | 65.72 | 61.20 | 70.24 |
| St. Louis | 1087 | 60.54 | 55.94 | 65.13 | 59.80 | 55.08 | 64.51 |
| GENDER | | | | | | | |
| Female | 3010 | 63.08 | 60.44 | 65.73 | 63.79 | 61.05 | 66.52 |
| Male | 1951 | 59.05 | 55.69 | 62.42 | 58.79 | 55.40 | 62.17 |
| RACE | | | | | | | |
| Black | 394 | 53.89 | 45.65 | 62.13 | 53.91 | 45.77 | 62.06 |
| Other | 265 | 60.75 | 51.91 | 69.60 | 58.38 | 50.35 | 66.42 |
| White | 4276 | 61.86 | 59.58 | 64.14 | 62.13 | 59.77 | 64.49 |
| EDUCATION | | | | | | | |
| <HS | 552 | 55.12 | 48.46 | 61.78 | 55.13 | 48.60 | 61.66 |
| HS | 1826 | 52.98 | 49.31 | 56.66 | 53.52 | 49.77 | 57.27 |
| >HS | 2576 | 67.17 | 64.35 | 69.99 | 66.42 | 63.42 | 69.42 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 53.77 | 46.90 | 60.64 | 55.63 | 48.48 | 62.77 |
| \$15-24,999 | 860 | 58.54 | 53.31 | 63.77 | 59.42 | 53.98 | 64.85 |
| \$25-24,999 | 645 | 52.45 | 46.24 | 58.65 | 51.85 | 46.05 | 57.64 |
| \$35-49,999 | 765 | 60.41 | 55.28 | 65.54 | 60.07 | 55.13 | 65.01 |
| \$50-74,999 | 721 | 69.93 | 65.49 | 74.38 | 69.41 | 64.61 | 74.22 |
| \$75,000+ | 831 | 65.63 | 60.65 | 70.61 | 63.33 | 57.55 | 69.10 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 17 - Heart Attack and Stroke Signs and Symptoms:
Know chest pain or discomfort are symptoms of a heart attack

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.3 | 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 | 4961 | 95.33 | 94.31 | 96.35 | 95.38 | 94.33 | 96.42 |
| REGION | | | | | | | |
| Central | 632 | 95.86 | 93.40 | 98.32 | 96.16 | 94.09 | 98.23 |
| Kansas City | 878 | 95.58 | 93.96 | 97.19 | 95.52 | 93.90 | 97.15 |
| Northeast | 564 | 95.77 | 94.10 | 97.43 | 96.36 | 94.89 | 97.82 |
| Northwest | 641 | 95.34 | 93.69 | 96.99 | 95.27 | 93.56 | 96.98 |
| Southeast | 548 | 95.56 | 93.84 | 97.28 | 96.24 | 94.64 | 97.83 |
| Southwest | 611 | 96.96 | 95.59 | 98.33 | 97.07 | 95.71 | 98.42 |
| St. Louis | 1087 | 94.21 | 91.73 | 96.68 | 93.94 | 91.28 | 96.59 |
| GENDER | | | | | | | |
| Female | 3009 | 95.21 | 93.58 | 96.85 | 95.38 | 93.75 | 97.01 |
| Male | 1952 | 95.46 | 94.28 | 96.63 | 95.38 | 94.21 | 96.55 |
| RACE | | | | | | | |
| Black | 394 | 89.13 | 81.88 | 96.39 | 89.03 | 82.89 | 95.17 |
| Other | 265 | 92.87 | 89.26 | 96.48 | 91.81 | 87.99 | 95.62 |
| White | 4276 | 96.09 | 95.11 | 97.06 | 96.23 | 95.21 | 97.24 |
| EDUCATION | | | | | | | |
| <HS | 552 | 85.82 | 80.99 | 90.66 | 86.14 | 81.19 | 91.09 |
| HS | 1825 | 93.69 | 91.72 | 95.65 | 94.23 | 92.42 | 96.04 |
| >HS | 2577 | 98.02 | 96.96 | 99.09 | 97.82 | 96.48 | 99.15 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 92.30 | 89.57 | 95.02 | 93.53 | 90.75 | 96.30 |
| \$15-24,999 | 860 | 91.24 | 88.10 | 94.37 | 91.47 | 88.33 | 94.62 |
| \$25-24,999 | 645 | 91.94 | 87.42 | 96.47 | 91.85 | 87.39 | 96.32 |
| \$35-49,999 | 765 | 97.60 | 96.16 | 99.04 | 97.42 | 95.88 | 98.96 |
| \$50-74,999 | 721 | 98.26 | 97.06 | 99.46 | 98.22 | 96.95 | 99.50 |
| \$75,000+ | 832 | 99.45 | 99.01 | 99.89 | 98.92 | 97.92 | 99.91 |

Definition: "Yes" response to "Do you think chest pain or discomfort are symptoms of a heart attack?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 17 - Heart Attack and Stroke:
Know sudden trouble seeing in one or both eyes is NOT a symptom of a heart attack

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.4 | 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 | 4958 | 44.12 | 41.98 | 46.26 | 44.07 | 41.89 | 46.25 |
| REGION | | | | | | | |
| Central | 632 | 46.88 | 41.53 | 52.23 | 46.48 | 41.36 | 51.60 |
| Kansas City | 876 | 41.13 | 37.02 | 45.23 | 41.28 | 37.00 | 45.56 |
| Northeast | 564 | 42.81 | 37.82 | 47.81 | 42.77 | 37.62 | 47.91 |
| Northwest | 641 | 37.76 | 32.77 | 42.75 | 38.12 | 33.30 | 42.94 |
| Southeast | 547 | 41.84 | 36.78 | 46.90 | 43.64 | 38.26 | 49.02 |
| Southwest | 611 | 39.17 | 34.42 | 43.91 | 38.79 | 34.23 | 43.35 |
| St. Louis | 1087 | 48.41 | 43.78 | 53.04 | 48.43 | 43.70 | 53.15 |
| GENDER | | | | | | | |
| Female | 3008 | 42.60 | 39.86 | 45.34 | 42.47 | 39.64 | 45.31 |
| Male | 1950 | 45.75 | 42.39 | 49.11 | 45.64 | 42.30 | 48.98 |
| RACE | | | | | | | |
| Black | 394 | 45.33 | 37.06 | 53.59 | 45.10 | 37.13 | 53.07 |
| Other | 265 | 44.41 | 35.18 | 53.64 | 47.21 | 39.13 | 55.28 |
| White | 4273 | 44.09 | 41.79 | 46.39 | 43.80 | 41.42 | 46.17 |
| EDUCATION | | | | | | | |
| <HS | 552 | 42.07 | 35.33 | 48.82 | 42.49 | 35.95 | 49.03 |
| HS | 1825 | 40.40 | 36.86 | 43.94 | 40.13 | 36.56 | 43.70 |
| >HS | 2574 | 46.69 | 43.77 | 49.62 | 46.54 | 43.44 | 49.64 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 38.44 | 31.95 | 44.94 | 38.44 | 31.38 | 45.49 |
| \$15-24,999 | 860 | 44.56 | 39.33 | 49.78 | 44.54 | 39.22 | 49.86 |
| \$25-24,999 | 645 | 46.84 | 40.62 | 53.06 | 46.50 | 40.56 | 52.44 |
| \$35-49,999 | 764 | 41.16 | 36.02 | 46.30 | 41.61 | 36.80 | 46.43 |
| \$50-74,999 | 721 | 44.26 | 39.16 | 49.37 | 40.98 | 36.29 | 45.67 |
| \$75,000+ | 830 | 48.65 | 43.65 | 53.66 | 47.82 | 42.33 | 53.30 |

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, 2007
Section 17 - Heart Attack and Stroke Signs and Symptoms:
Know feeling pain or discomfort in the arms or shoulders are symptoms of a heart attack

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.5 | 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 | 4959 | 89.85 | 88.59 | 91.12 | 89.75 | 88.43 | 91.06 |
| REGION | | | | | | | |
| Central | 632 | 91.97 | 88.91 | 95.02 | 92.42 | 89.67 | 95.17 |
| Kansas City | 876 | 87.46 | 84.45 | 90.47 | 87.06 | 83.94 | 90.17 |
| Northeast | 564 | 89.81 | 86.63 | 92.98 | 89.99 | 86.77 | 93.21 |
| Northwest | 641 | 92.32 | 89.78 | 94.86 | 92.91 | 90.50 | 95.31 |
| Southeast | 548 | 89.93 | 86.56 | 93.31 | 89.89 | 86.02 | 93.76 |
| Southwest | 611 | 89.41 | 86.20 | 92.62 | 89.19 | 85.92 | 92.47 |
| St. Louis | 1087 | 90.30 | 87.84 | 92.75 | 89.93 | 87.36 | 92.50 |
| GENDER | | | | | | | |
| Female | 3008 | 92.12 | 90.64 | 93.60 | 92.18 | 90.63 | 93.74 |
| Male | 1951 | 87.43 | 85.34 | 89.52 | 87.14 | 85.00 | 89.28 |
| RACE | | | | | | | |
| Black | 394 | 77.02 | 70.40 | 83.64 | 76.54 | 70.16 | 82.92 |
| Other | 265 | 82.46 | 75.94 | 88.99 | 82.35 | 76.18 | 88.52 |
| White | 4274 | 91.58 | 90.33 | 92.83 | 91.52 | 90.20 | 92.84 |
| EDUCATION | | | | | | | |
| <HS | 552 | 75.85 | 69.99 | 81.71 | 75.19 | 68.91 | 81.48 |
| HS | 1825 | 87.13 | 84.63 | 89.62 | 87.53 | 85.06 | 90.00 |
| >HS | 2575 | 93.98 | 92.75 | 95.21 | 93.73 | 92.44 | 95.02 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 77.17 | 70.85 | 83.50 | 77.73 | 70.91 | 84.54 |
| \$15-24,999 | 860 | 85.94 | 82.34 | 89.55 | 86.10 | 82.53 | 89.68 |
| \$25-24,999 | 645 | 87.77 | 84.28 | 91.25 | 87.96 | 84.37 | 91.54 |
| \$35-49,999 | 764 | 92.46 | 89.35 | 95.56 | 92.54 | 89.61 | 95.47 |
| \$50-74,999 | 721 | 95.03 | 92.93 | 97.13 | 94.95 | 92.75 | 97.16 |
| \$75,000+ | 831 | 95.57 | 93.54 | 97.60 | 94.76 | 92.35 | 97.18 |

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, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

Know shortness of breath is a symptom of a heart attack

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.6 | 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 | 4958 | 83.52 | 81.79 | 85.24 | 83.49 | 81.74 | 85.24 |
| REGION | | | | | | | |
| Central | 632 | 86.58 | 83.21 | 89.95 | 86.64 | 83.45 | 89.83 |
| Kansas City | 876 | 80.43 | 76.66 | 84.20 | 80.07 | 76.31 | 83.83 |
| Northeast | 563 | 88.07 | 84.96 | 91.18 | 88.96 | 86.00 | 91.92 |
| Northwest | 641 | 84.86 | 80.70 | 89.01 | 85.88 | 82.30 | 89.45 |
| Southeast | 548 | 85.03 | 81.53 | 88.54 | 85.36 | 81.50 | 89.21 |
| Southwest | 611 | 85.75 | 82.45 | 89.04 | 85.92 | 82.58 | 89.26 |
| St. Louis | 1087 | 82.03 | 78.21 | 85.85 | 81.65 | 77.68 | 85.63 |
| GENDER | | | | | | | |
| Female | 3007 | 85.55 | 83.44 | 87.66 | 85.78 | 83.63 | 87.94 |
| Male | 1951 | 81.33 | 78.57 | 84.10 | 81.07 | 78.28 | 83.86 |
| RACE | | | | | | | |
| Black | 394 | 81.91 | 76.52 | 87.29 | 81.66 | 76.59 | 86.72 |
| Other | 265 | 79.14 | 71.34 | 86.93 | 80.12 | 73.85 | 86.39 |
| White | 4273 | 84.01 | 82.15 | 85.88 | 84.02 | 82.10 | 85.94 |
| EDUCATION | | | | | | | |
| <HS | 552 | 66.82 | 59.82 | 73.81 | 67.53 | 60.74 | 74.31 |
| HS | 1825 | 80.83 | 77.79 | 83.87 | 81.37 | 78.35 | 84.39 |
| >HS | 2574 | 88.09 | 86.04 | 90.13 | 87.49 | 85.22 | 89.76 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 78.53 | 73.51 | 83.55 | 79.53 | 73.91 | 85.15 |
| \$15-24,999 | 860 | 78.82 | 74.18 | 83.45 | 79.41 | 74.77 | 84.04 |
| \$25-24,999 | 645 | 79.01 | 73.01 | 85.01 | 79.27 | 73.19 | 85.36 |
| \$35-49,999 | 763 | 86.09 | 82.54 | 89.65 | 85.69 | 82.16 | 89.21 |
| \$50-74,999 | 721 | 87.82 | 84.52 | 91.11 | 86.14 | 82.25 | 90.03 |
| \$75,000+ | 831 | 90.58 | 87.63 | 93.54 | 89.95 | 86.54 | 93.36 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

Correctly answered all signs and symptoms of a heart attack questions

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.7 | 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 | 4963 | 14.41 | 12.98 | 15.84 | 14.23 | 12.82 | 15.64 |
| REGION | | | | | | | |
| Central | 632 | 14.63 | 10.78 | 18.48 | 14.44 | 10.63 | 18.24 |
| Kansas City | 878 | 11.74 | 9.34 | 14.13 | 11.66 | 9.32 | 13.99 |
| Northeast | 564 | 13.38 | 10.07 | 16.69 | 13.80 | 10.21 | 17.39 |
| Northwest | 641 | 12.37 | 9.46 | 15.27 | 12.84 | 9.88 | 15.81 |
| Southeast | 548 | 15.94 | 12.35 | 19.53 | 15.91 | 12.05 | 19.78 |
| Southwest | 612 | 14.70 | 11.36 | 18.04 | 14.94 | 11.54 | 18.34 |
| St. Louis | 1088 | 15.60 | 12.50 | 18.70 | 14.96 | 12.04 | 17.89 |
| GENDER | | | | | | | |
| Female | 3011 | 16.30 | 14.34 | 18.25 | 16.26 | 14.29 | 18.22 |
| Male | 1952 | 12.39 | 10.28 | 14.49 | 12.03 | 10.02 | 14.03 |
| RACE | | | | | | | |
| Black | 395 | 7.00 | 4.07 | 9.93 | 6.92 | 4.09 | 9.74 |
| Other | 265 | 12.66 | 7.38 | 17.93 | 14.34 | 8.41 | 20.27 |
| White | 4277 | 15.23 | 13.63 | 16.82 | 15.00 | 13.41 | 16.58 |
| EDUCATION | | | | | | | |
| <HS | 553 | 4.93 | 2.75 | 7.12 | 5.03 | 2.65 | 7.41 |
| HS | 1826 | 9.47 | 7.66 | 11.29 | 9.97 | 7.98 | 11.96 |
| >HS | 2577 | 19.07 | 16.85 | 21.29 | 18.37 | 16.24 | 20.50 |
| INCOME | | | | | | | |
| <\$15,000 | 558 | 8.67 | 5.43 | 11.90 | 9.13 | 5.22 | 13.03 |
| \$15-24,999 | 860 | 10.51 | 7.87 | 13.14 | 11.05 | 8.13 | 13.98 |
| \$25-24,999 | 646 | 13.30 | 9.57 | 17.02 | 12.98 | 9.43 | 16.53 |
| \$35-49,999 | 765 | 13.60 | 10.02 | 17.18 | 13.42 | 9.87 | 16.97 |
| \$50-74,999 | 721 | 19.96 | 15.57 | 24.36 | 17.24 | 13.68 | 20.80 |
| \$75,000+ | 832 | 18.07 | 14.52 | 21.61 | 16.52 | 13.30 | 19.75 |

Definition: "Yes" response to 17.1-3 AND 17.5-6 AND "No" response to 17.4.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

Know sudden confusion or trouble speaking are symptoms of a stroke

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.8 | 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 | 4953 | 91.64 | 90.46 | 92.82 | 91.61 | 90.40 | 92.82 |
| REGION | | | | | | | |
| Central | 631 | 92.62 | 90.35 | 94.88 | 92.64 | 90.44 | 94.85 |
| Kansas City | 876 | 90.76 | 88.16 | 93.36 | 90.33 | 87.60 | 93.06 |
| Northeast | 563 | 89.93 | 86.70 | 93.16 | 90.78 | 87.83 | 93.73 |
| Northwest | 640 | 91.04 | 87.71 | 94.38 | 91.54 | 88.54 | 94.53 |
| Southeast | 548 | 91.51 | 88.76 | 94.25 | 92.43 | 89.83 | 95.02 |
| Southwest | 610 | 91.36 | 88.64 | 94.09 | 91.45 | 88.64 | 94.26 |
| St. Louis | 1085 | 92.22 | 89.73 | 94.72 | 91.94 | 89.27 | 94.62 |
| GENDER | | | | | | | |
| Female | 3004 | 93.56 | 92.10 | 95.02 | 93.72 | 92.24 | 95.20 |
| Male | 1949 | 89.59 | 87.71 | 91.47 | 89.33 | 87.39 | 91.27 |
| RACE | | | | | | | |
| Black | 393 | 81.85 | 73.97 | 89.73 | 81.73 | 75.97 | 87.49 |
| Other | 265 | 88.89 | 84.44 | 93.35 | 88.11 | 83.75 | 92.47 |
| White | 4269 | 92.76 | 91.64 | 93.88 | 92.83 | 91.67 | 93.98 |
| EDUCATION | | | | | | | |
| <HS | 551 | 79.86 | 74.71 | 85.01 | 79.22 | 73.79 | 84.65 |
| HS | 1823 | 90.50 | 88.65 | 92.35 | 91.05 | 89.28 | 92.82 |
| >HS | 2572 | 94.43 | 92.91 | 95.96 | 93.74 | 91.93 | 95.56 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 82.01 | 77.31 | 86.71 | 82.92 | 77.84 | 88.00 |
| \$15-24,999 | 859 | 84.64 | 80.39 | 88.90 | 84.72 | 80.42 | 89.03 |
| \$25-24,999 | 644 | 88.93 | 84.13 | 93.73 | 89.21 | 84.66 | 93.76 |
| \$35-49,999 | 763 | 95.30 | 93.50 | 97.11 | 95.06 | 93.24 | 96.89 |
| \$50-74,999 | 721 | 96.67 | 95.13 | 98.21 | 96.73 | 95.15 | 98.31 |
| \$75,000+ | 831 | 96.56 | 95.00 | 98.12 | 95.97 | 93.85 | 98.10 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.9 | 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 | 4952 | 95.40 | 94.31 | 96.49 | 95.41 | 94.29 | 96.52 |
| REGION | | | | | | | |
| Central | 631 | 96.89 | 95.43 | 98.34 | 97.05 | 95.68 | 98.41 |
| Kansas City | 876 | 94.94 | 93.01 | 96.86 | 94.71 | 92.67 | 96.74 |
| Northeast | 563 | 95.58 | 93.58 | 97.58 | 95.94 | 94.07 | 97.82 |
| Northwest | 640 | 97.09 | 95.76 | 98.42 | 97.46 | 96.24 | 98.68 |
| Southeast | 548 | 95.44 | 93.56 | 97.33 | 95.59 | 93.32 | 97.86 |
| Southwest | 610 | 94.75 | 92.49 | 97.00 | 94.65 | 92.24 | 97.05 |
| St. Louis | 1084 | 95.20 | 92.60 | 97.80 | 94.91 | 92.11 | 97.71 |
| GENDER | | | | | | | |
| Female | 3004 | 96.31 | 95.30 | 97.32 | 96.55 | 95.56 | 97.54 |
| Male | 1948 | 94.43 | 92.46 | 96.40 | 94.24 | 92.25 | 96.23 |
| RACE | | | | | | | |
| Black | 393 | 93.13 | 90.12 | 96.14 | 93.16 | 90.19 | 96.12 |
| Other | 265 | 92.98 | 88.30 | 97.65 | 92.72 | 88.04 | 97.41 |
| White | 4268 | 95.91 | 94.72 | 97.10 | 95.91 | 94.66 | 97.17 |
| EDUCATION | | | | | | | |
| <HS | 551 | 88.26 | 83.92 | 92.61 | 88.03 | 83.28 | 92.78 |
| HS | 1822 | 94.68 | 93.23 | 96.13 | 95.18 | 93.84 | 96.52 |
| >HS | 2572 | 97.13 | 95.58 | 98.69 | 96.79 | 94.91 | 98.67 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 88.41 | 84.26 | 92.57 | 89.50 | 85.23 | 93.78 |
| \$15-24,999 | 858 | 93.18 | 90.28 | 96.08 | 94.00 | 91.29 | 96.71 |
| \$25-24,999 | 644 | 95.49 | 93.42 | 97.55 | 95.52 | 93.39 | 97.65 |
| \$35-49,999 | 764 | 97.97 | 96.68 | 99.27 | 97.83 | 96.44 | 99.23 |
| \$50-74,999 | 721 | 98.85 | 98.00 | 99.70 | 98.66 | 97.54 | 99.77 |
| \$75,000+ | 830 | 96.67 | 93.24 | 100.1 | 94.71 | 89.67 | 99.75 |

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, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.10 | 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 | 4948 | 72.74 | 70.79 | 74.68 | 72.77 | 70.79 | 74.75 |
| REGION | | | | | | | |
| Central | 631 | 74.56 | 69.61 | 79.50 | 74.51 | 69.67 | 79.35 |
| Kansas City | 875 | 71.12 | 67.06 | 75.18 | 70.89 | 66.89 | 74.90 |
| Northeast | 562 | 65.95 | 61.05 | 70.85 | 66.63 | 61.64 | 71.62 |
| Northwest | 639 | 70.92 | 66.09 | 75.76 | 71.65 | 67.18 | 76.13 |
| Southeast | 548 | 72.28 | 67.83 | 76.73 | 70.76 | 65.48 | 76.04 |
| Southwest | 610 | 73.21 | 68.83 | 77.59 | 73.49 | 69.05 | 77.94 |
| St. Louis | 1083 | 73.96 | 69.88 | 78.05 | 73.59 | 69.32 | 77.86 |
| GENDER | | | | | | | |
| Female | 3001 | 73.96 | 71.50 | 76.41 | 74.23 | 71.71 | 76.76 |
| Male | 1947 | 71.43 | 68.37 | 74.49 | 71.20 | 68.11 | 74.28 |
| RACE | | | | | | | |
| Black | 393 | 65.75 | 58.31 | 73.18 | 65.66 | 58.35 | 72.97 |
| Other | 265 | 65.20 | 56.36 | 74.04 | 64.70 | 56.67 | 72.73 |
| White | 4264 | 74.05 | 71.98 | 76.12 | 74.15 | 72.02 | 76.27 |
| EDUCATION | | | | | | | |
| <HS | 551 | 51.80 | 44.80 | 58.80 | 51.48 | 44.47 | 58.48 |
| HS | 1820 | 65.27 | 61.72 | 68.81 | 66.46 | 63.09 | 69.83 |
| >HS | 2570 | 81.01 | 78.78 | 83.23 | 80.61 | 78.26 | 82.96 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 63.19 | 56.78 | 69.61 | 65.72 | 58.86 | 72.57 |
| \$15-24,999 | 858 | 65.04 | 59.86 | 70.23 | 66.49 | 61.24 | 71.74 |
| \$25-24,999 | 644 | 69.73 | 64.26 | 75.20 | 70.64 | 65.26 | 76.03 |
| \$35-49,999 | 761 | 76.59 | 72.34 | 80.83 | 76.04 | 71.88 | 80.21 |
| \$50-74,999 | 721 | 79.50 | 75.63 | 83.37 | 79.68 | 75.72 | 83.64 |
| \$75,000+ | 830 | 82.18 | 78.19 | 86.16 | 81.65 | 76.87 | 86.44 |

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, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.11 | 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 | 4948 | 41.44 | 39.24 | 43.63 | 41.57 | 39.36 | 43.78 |
| REGION | | | | | | | |
| Central | 631 | 40.42 | 35.08 | 45.75 | 39.98 | 34.90 | 45.07 |
| Kansas City | 875 | 40.37 | 36.26 | 44.48 | 40.33 | 36.11 | 44.54 |
| Northeast | 562 | 37.26 | 32.19 | 42.33 | 37.41 | 32.38 | 42.43 |
| Northwest | 639 | 39.01 | 33.71 | 44.30 | 39.98 | 34.90 | 45.06 |
| Southeast | 548 | 34.99 | 30.08 | 39.91 | 35.48 | 29.91 | 41.05 |
| Southwest | 610 | 41.93 | 36.95 | 46.92 | 41.73 | 36.67 | 46.80 |
| St. Louis | 1083 | 44.64 | 39.91 | 49.37 | 45.05 | 40.44 | 49.66 |
| GENDER | | | | | | | |
| Female | 3001 | 40.48 | 37.68 | 43.27 | 40.79 | 37.89 | 43.68 |
| Male | 1947 | 42.47 | 39.02 | 45.91 | 42.32 | 38.99 | 45.64 |
| RACE | | | | | | | |
| Black | 393 | 37.66 | 29.20 | 46.12 | 37.88 | 29.82 | 45.94 |
| Other | 265 | 39.95 | 30.28 | 49.61 | 38.62 | 30.57 | 46.67 |
| White | 4264 | 41.97 | 39.62 | 44.32 | 42.16 | 39.77 | 44.56 |
| EDUCATION | | | | | | | |
| <HS | 551 | 32.57 | 25.36 | 39.78 | 33.25 | 26.21 | 40.29 |
| HS | 1820 | 34.26 | 30.56 | 37.96 | 33.79 | 30.21 | 37.37 |
| >HS | 2570 | 47.36 | 44.41 | 50.30 | 47.38 | 44.34 | 50.43 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 30.91 | 24.25 | 37.56 | 31.54 | 24.14 | 38.95 |
| \$15-24,999 | 858 | 39.99 | 34.46 | 45.52 | 40.56 | 35.13 | 45.98 |
| \$25-24,999 | 644 | 39.58 | 33.17 | 45.99 | 39.88 | 34.68 | 45.07 |
| \$35-49,999 | 761 | 40.16 | 34.71 | 45.61 | 39.61 | 34.40 | 44.83 |
| \$50-74,999 | 721 | 43.17 | 38.12 | 48.23 | 41.36 | 36.39 | 46.33 |
| \$75,000+ | 830 | 48.72 | 43.69 | 53.76 | 47.23 | 41.01 | 53.45 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 17 - Heart Attack and Stroke Signs and Symptoms:
Know sudden trouble walking, dizziness, or loss of balance are symptoms of a stroke

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.12 | 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 | 4948 | 87.20 | 85.78 | 88.62 | 87.16 | 85.68 | 88.63 |
| REGION | | | | | | | |
| Central | 631 | 86.62 | 83.02 | 90.21 | 86.74 | 83.36 | 90.11 |
| Kansas City | 875 | 86.87 | 83.64 | 90.10 | 86.66 | 83.35 | 89.97 |
| Northeast | 562 | 87.93 | 84.91 | 90.95 | 88.45 | 85.41 | 91.48 |
| Northwest | 639 | 87.51 | 83.87 | 91.15 | 88.19 | 85.02 | 91.35 |
| Southeast | 548 | 82.34 | 78.14 | 86.54 | 80.97 | 76.02 | 85.91 |
| Southwest | 610 | 87.07 | 83.86 | 90.28 | 87.13 | 83.84 | 90.41 |
| St. Louis | 1083 | 88.78 | 85.96 | 91.61 | 88.55 | 85.55 | 91.55 |
| GENDER | | | | | | | |
| Female | 3001 | 88.62 | 86.89 | 90.34 | 88.84 | 87.06 | 90.62 |
| Male | 1947 | 85.68 | 83.38 | 87.98 | 85.50 | 83.14 | 87.87 |
| RACE | | | | | | | |
| Black | 393 | 84.34 | 79.18 | 89.51 | 84.16 | 78.94 | 89.38 |
| Other | 265 | 75.48 | 67.29 | 83.66 | 75.26 | 68.02 | 82.49 |
| White | 4264 | 88.44 | 86.99 | 89.89 | 88.51 | 86.99 | 90.04 |
| EDUCATION | | | | | | | |
| <HS | 551 | 76.97 | 71.62 | 82.32 | 76.47 | 70.69 | 82.25 |
| HS | 1820 | 82.81 | 79.85 | 85.77 | 83.36 | 80.47 | 86.25 |
| >HS | 2570 | 91.65 | 90.17 | 93.12 | 91.52 | 90.03 | 93.01 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 79.82 | 74.80 | 84.85 | 81.54 | 76.22 | 86.86 |
| \$15-24,999 | 858 | 82.62 | 78.85 | 86.40 | 82.81 | 78.85 | 86.77 |
| \$25-24,999 | 644 | 83.20 | 78.23 | 88.18 | 82.87 | 77.46 | 88.29 |
| \$35-49,999 | 761 | 89.78 | 86.92 | 92.63 | 89.37 | 86.50 | 92.23 |
| \$50-74,999 | 721 | 91.90 | 89.20 | 94.59 | 92.33 | 89.63 | 95.03 |
| \$75,000+ | 830 | 92.16 | 89.64 | 94.67 | 91.82 | 89.24 | 94.40 |

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, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.13 | 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 | 4947 | 55.84 | 53.66 | 58.02 | 55.49 | 53.26 | 57.72 |
| REGION | | | | | | | |
| Central | 631 | 56.05 | 50.70 | 61.40 | 55.59 | 50.49 | 60.68 |
| Kansas City | 875 | 55.64 | 51.44 | 59.85 | 55.21 | 50.95 | 59.47 |
| Northeast | 562 | 56.76 | 51.65 | 61.86 | 56.43 | 51.20 | 61.66 |
| Northwest | 638 | 64.19 | 59.26 | 69.12 | 63.54 | 58.75 | 68.34 |
| Southeast | 548 | 59.44 | 54.45 | 64.42 | 57.54 | 52.47 | 62.61 |
| Southwest | 610 | 54.52 | 49.46 | 59.58 | 54.74 | 49.88 | 59.61 |
| St. Louis | 1083 | 54.40 | 49.73 | 59.07 | 53.66 | 48.79 | 58.54 |
| GENDER | | | | | | | |
| Female | 3001 | 59.11 | 56.38 | 61.85 | 58.52 | 55.67 | 61.38 |
| Male | 1946 | 52.33 | 48.95 | 55.72 | 52.32 | 48.93 | 55.71 |
| RACE | | | | | | | |
| Black | 393 | 57.81 | 49.55 | 66.07 | 57.62 | 49.96 | 65.29 |
| Other | 265 | 52.97 | 43.55 | 62.39 | 52.47 | 44.14 | 60.80 |
| White | 4263 | 55.91 | 53.59 | 58.24 | 55.39 | 52.97 | 57.82 |
| EDUCATION | | | | | | | |
| <HS | 551 | 41.39 | 34.53 | 48.24 | 39.18 | 32.87 | 45.49 |
| HS | 1819 | 51.01 | 47.32 | 54.70 | 50.58 | 46.85 | 54.31 |
| >HS | 2570 | 61.34 | 58.48 | 64.20 | 60.94 | 57.89 | 63.99 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 54.12 | 47.07 | 61.16 | 54.65 | 47.11 | 62.19 |
| \$15-24,999 | 858 | 49.50 | 44.20 | 54.79 | 48.97 | 43.54 | 54.41 |
| \$25-24,999 | 644 | 49.88 | 43.74 | 56.02 | 50.56 | 44.65 | 56.47 |
| \$35-49,999 | 761 | 55.50 | 50.14 | 60.85 | 55.77 | 50.60 | 60.94 |
| \$50-74,999 | 720 | 63.00 | 58.20 | 67.81 | 63.58 | 58.13 | 69.03 |
| \$75,000+ | 830 | 61.93 | 57.11 | 66.76 | 63.73 | 58.70 | 68.75 |

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, 2007

Section 17 - Heart Attack and Stroke:

Correctly answered all signs and symptoms of a stroke questions

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.14 | 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 | 4954 | 20.29 | 18.55 | 22.04 | 20.27 | 18.49 | 22.05 |
| REGION | | | | | | | |
| Central | 631 | 20.02 | 15.80 | 24.23 | 20.04 | 15.96 | 24.12 |
| Kansas City | 876 | 19.22 | 16.22 | 22.21 | 18.91 | 15.96 | 21.87 |
| Northeast | 564 | 19.60 | 15.32 | 23.89 | 19.70 | 15.38 | 24.02 |
| Northwest | 640 | 21.80 | 17.22 | 26.37 | 22.61 | 18.05 | 27.18 |
| Southeast | 548 | 20.42 | 16.07 | 24.76 | 19.69 | 15.61 | 23.77 |
| Southwest | 610 | 21.21 | 17.17 | 25.26 | 21.54 | 17.40 | 25.67 |
| St. Louis | 1085 | 20.43 | 16.64 | 24.23 | 20.11 | 16.21 | 24.01 |
| GENDER | | | | | | | |
| Female | 3005 | 21.17 | 18.81 | 23.52 | 21.34 | 18.85 | 23.82 |
| Male | 1949 | 19.35 | 16.77 | 21.94 | 19.11 | 16.58 | 21.63 |
| RACE | | | | | | | |
| Black | 393 | 14.37 | 8.96 | 19.77 | 14.19 | 9.25 | 19.13 |
| Other | 265 | 19.24 | 10.32 | 28.15 | 18.52 | 11.70 | 25.33 |
| White | 4270 | 20.93 | 19.07 | 22.78 | 20.88 | 18.98 | 22.78 |
| EDUCATION | | | | | | | |
| <HS | 551 | 7.45 | 4.06 | 10.84 | 7.23 | 4.00 | 10.45 |
| HS | 1823 | 12.82 | 10.33 | 15.31 | 12.85 | 10.32 | 15.37 |
| >HS | 2573 | 27.07 | 24.49 | 29.65 | 26.38 | 23.76 | 28.99 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 12.65 | 7.88 | 17.42 | 14.57 | 8.57 | 20.56 |
| \$15-24,999 | 859 | 15.28 | 11.23 | 19.34 | 15.69 | 11.58 | 19.80 |
| \$25-24,999 | 644 | 15.25 | 11.51 | 18.98 | 15.35 | 11.40 | 19.31 |
| \$35-49,999 | 764 | 20.41 | 15.46 | 25.37 | 20.07 | 15.51 | 24.63 |
| \$50-74,999 | 721 | 27.72 | 22.97 | 32.46 | 25.69 | 21.18 | 30.20 |
| \$75,000+ | 831 | 27.73 | 23.52 | 31.94 | 26.05 | 21.87 | 30.22 |

Definition: “Yes” response to 17.8-10 AND “No” to 17.11 AND “Yes” to 17.12-13.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 17 - Heart Attack and Stroke Signs and Symptoms:

Would first call 911 if they thought someone was having a heart attack or stroke

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 17.15 | 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 | 4915 | 87.08 | 85.76 | 88.40 | 87.05 | 85.69 | 88.41 |
| REGION | | | | | | | |
| Central | 628 | 89.01 | 85.93 | 92.09 | 88.83 | 85.79 | 91.87 |
| Kansas City | 873 | 87.84 | 85.20 | 90.48 | 87.69 | 84.96 | 90.42 |
| Northeast | 558 | 83.50 | 79.79 | 87.20 | 82.89 | 78.96 | 86.83 |
| Northwest | 631 | 79.39 | 74.65 | 84.12 | 80.20 | 75.83 | 84.58 |
| Southeast | 545 | 78.64 | 74.45 | 82.83 | 80.50 | 76.45 | 84.55 |
| Southwest | 606 | 85.64 | 82.28 | 89.00 | 85.34 | 81.88 | 88.80 |
| St. Louis | 1074 | 90.24 | 87.65 | 92.84 | 90.27 | 87.69 | 92.85 |
| GENDER | | | | | | | |
| Female | 2989 | 87.75 | 86.13 | 89.38 | 87.79 | 86.11 | 89.47 |
| Male | 1926 | 86.36 | 84.23 | 88.49 | 86.27 | 84.10 | 88.43 |
| RACE | | | | | | | |
| Black | 389 | 82.27 | 75.48 | 89.07 | 82.11 | 75.57 | 88.64 |
| Other | 265 | 90.60 | 86.59 | 94.61 | 90.14 | 86.22 | 94.07 |
| White | 4235 | 87.25 | 85.86 | 88.65 | 87.27 | 85.83 | 88.72 |
| EDUCATION | | | | | | | |
| <HS | 546 | 83.34 | 78.70 | 87.98 | 82.02 | 76.82 | 87.23 |
| HS | 1800 | 87.69 | 85.70 | 89.68 | 87.60 | 85.47 | 89.72 |
| >HS | 2562 | 87.37 | 85.51 | 89.22 | 87.45 | 85.57 | 89.33 |
| INCOME | | | | | | | |
| <\$15,000 | 549 | 85.05 | 80.93 | 89.16 | 84.82 | 80.09 | 89.56 |
| \$15-24,999 | 853 | 83.80 | 80.12 | 87.48 | 82.55 | 78.31 | 86.80 |
| \$25-24,999 | 641 | 85.18 | 81.49 | 88.87 | 85.18 | 81.11 | 89.25 |
| \$35-49,999 | 756 | 87.81 | 84.69 | 90.94 | 87.02 | 83.78 | 90.26 |
| \$50-74,999 | 718 | 89.84 | 86.61 | 93.08 | 91.06 | 88.39 | 93.73 |
| \$75,000+ | 828 | 87.88 | 84.91 | 90.85 | 88.61 | 85.90 | 91.33 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 18 – Diabetes Prevalence and Management:

Ever been told by a doctor have diabetes

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.1 | 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 | 5257 | 8.02 | 7.09 | 8.96 | 7.59 | 6.73 | 8.46 |
| REGION | | | | | | | |
| Central | 666 | 8.64 | 6.26 | 11.02 | 8.61 | 6.34 | 10.89 |
| Kansas City | 934 | 7.80 | 6.11 | 9.50 | 7.53 | 5.99 | 9.07 |
| Northeast | 591 | 8.93 | 6.58 | 11.27 | 7.94 | 5.92 | 9.96 |
| Northwest | 670 | 9.27 | 6.80 | 11.74 | 9.01 | 6.71 | 11.31 |
| Southeast | 597 | 8.57 | 6.32 | 10.82 | 7.69 | 5.71 | 9.67 |
| Southwest | 650 | 6.85 | 4.84 | 8.85 | 6.49 | 4.57 | 8.42 |
| St. Louis | 1149 | 8.03 | 5.99 | 10.07 | 7.58 | 5.71 | 9.45 |
| GENDER | | | | | | | |
| Female | 3207 | 8.05 | 6.88 | 9.22 | 7.39 | 6.29 | 8.48 |
| Male | 2050 | 7.99 | 6.52 | 9.46 | 7.85 | 6.49 | 9.22 |
| RACE | | | | | | | |
| Black | 431 | 9.25 | 6.02 | 12.48 | 9.55 | 6.51 | 12.59 |
| Other | 286 | 7.37 | 3.72 | 11.03 | 8.56 | 4.84 | 12.28 |
| White | 4509 | 7.96 | 6.94 | 8.97 | 7.37 | 6.44 | 8.30 |
| EDUCATION | | | | | | | |
| <HS | 600 | 11.44 | 8.05 | 14.83 | 12.09 | 8.01 | 16.17 |
| HS | 1947 | 9.08 | 7.44 | 10.73 | 8.19 | 6.72 | 9.66 |
| >HS | 2703 | 6.71 | 5.52 | 7.89 | 6.51 | 5.43 | 7.58 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 13.26 | 9.87 | 16.65 | 11.44 | 8.49 | 14.38 |
| \$15-24,999 | 907 | 11.81 | 9.16 | 14.46 | 10.90 | 8.23 | 13.56 |
| \$25-24,999 | 676 | 7.77 | 5.33 | 10.21 | 6.74 | 4.67 | 8.80 |
| \$35-49,999 | 805 | 8.97 | 6.21 | 11.73 | 9.65 | 6.82 | 12.48 |
| \$50-74,999 | 762 | 6.77 | 4.38 | 9.15 | 6.04 | 4.04 | 8.04 |
| \$75,000+ | 870 | 3.79 | 2.25 | 5.33 | 3.67 | 2.29 | 5.06 |

Definition: “Yes” response to the question “Have you ever been told by a doctor that you have diabetes?”
 [Only when pregnant and pre-diabetes or borderline diabetes coded as “No” responses.]

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 18 – Diabetes Prevalence and Management:

Told they had diabetes at age 18-44

Crude and Age-adjusted prevalence and 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 | 555 | 27.66 | 22.09 | 33.23 | 53.86 | 45.88 | 61.83 |
| REGION | | | | | | | |
| Central | 70 | 33.84 | 19.33 | 48.36 | 52.90 | 43.42 | 62.38 |
| Kansas City | 104 | 26.38 | 15.74 | 37.03 | 63.05 | 58.78 | 67.32 |
| Northeast | 60 | 26.04 | 13.44 | 38.64 | 73.16 | 70.80 | 75.52 |
| Northwest | 79 | 30.13 | 14.05 | 46.22 | 45.68 | 41.55 | 49.80 |
| Southeast | 69 | 18.29 | 7.86 | 28.73 | 33.39 | 20.97 | 45.80 |
| Southwest | 57 | 22.95 | 8.39 | 37.51 | 21.34 | 17.32 | 25.35 |
| St. Louis | 116 | 30.42 | 18.35 | 42.50 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 332 | 26.61 | 19.74 | 33.48 | 55.77 | 47.47 | 64.07 |
| Male | 223 | 28.74 | 19.86 | 37.62 | 28.99 | 22.48 | 35.51 |
| RACE | | | | | | | |
| Black | 60 | 44.43 | 26.62 | 62.23 | 57.53 | 45.43 | 69.62 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 460 | 26.38 | 20.20 | 32.56 | 4.72 | 3.26 | 6.19 |
| EDUCATION | | | | | | | |
| <HS | 90 | 28.00 | 13.32 | 42.69 | 46.04 | 39.64 | 52.45 |
| HS | 233 | 24.96 | 16.71 | 33.20 | 43.38 | 31.39 | 55.38 |
| >HS | 232 | 29.83 | 20.92 | 38.74 | 19.57 | 17.07 | 22.07 |
| INCOME | | | | | | | |
| <\$15,000 | 107 | 20.50 | 11.36 | 29.64 | 45.96 | 35.85 | 56.07 |
| \$15-24,999 | 130 | 20.18 | 10.87 | 29.50 | 64.21 | 61.50 | 66.92 |
| \$25-24,999 | 63 | 18.97 | 7.50 | 30.43 | 73.16 | 70.37 | 75.96 |
| \$35-49,999 | 79 | 38.89 | 23.30 | 54.47 | 41.07 | 34.02 | 48.11 |
| \$50-74,999 | 56 | 41.71 | 23.34 | 60.09 | 34.84 | 24.01 | 45.66 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Told they had diabetes at age 45-64

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.2.2 | 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 | 555 | 48.43 | 42.42 | 54.45 | 26.49 | 23.46 | 29.52 |
| REGION | | | | | | | |
| Central | 70 | 48.74 | 34.31 | 63.17 | 29.19 | 21.04 | 37.34 |
| Kansas City | 104 | 46.08 | 34.99 | 57.16 | 25.12 | 20.10 | 30.13 |
| Northeast | 60 | 52.24 | 38.31 | 66.17 | 20.12 | 16.60 | 23.64 |
| Northwest | 79 | 46.37 | 32.58 | 60.16 | 38.08 | 32.34 | 43.82 |
| Southeast | 69 | 65.47 | 53.04 | 77.89 | 28.86 | 21.06 | 36.66 |
| Southwest | 57 | 46.41 | 31.28 | 61.54 | 18.31 | 13.16 | 23.47 |
| St. Louis | 116 | 44.93 | 31.50 | 58.35 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 332 | 45.19 | 37.67 | 52.70 | 25.48 | 21.68 | 29.27 |
| Male | 223 | 51.77 | 42.41 | 61.14 | 28.51 | 23.59 | 33.42 |
| RACE | | | | | | | |
| Black | 60 | 47.07 | 30.25 | 63.89 | 29.60 | 22.08 | 37.11 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 460 | 47.61 | 41.03 | 54.19 | 15.48 | 13.47 | 17.49 |
| EDUCATION | | | | | | | |
| <HS | 90 | 40.40 | 27.49 | 53.31 | 24.40 | 16.67 | 32.13 |
| HS | 233 | 47.40 | 37.95 | 56.84 | 25.17 | 20.71 | 29.62 |
| >HS | 232 | 51.80 | 42.64 | 60.95 | 22.70 | 19.04 | 26.36 |
| INCOME | | | | | | | |
| <\$15,000 | 107 | 56.87 | 44.84 | 68.90 | 32.49 | 26.79 | 38.19 |
| \$15-24,999 | 130 | 52.85 | 41.47 | 64.24 | 23.91 | 20.49 | 27.32 |
| \$25-24,999 | 63 | 52.34 | 36.14 | 68.55 | 15.85 | 10.98 | 20.72 |
| \$35-49,999 | 79 | 38.09 | 22.71 | 53.48 | 34.19 | 24.24 | 44.14 |
| \$50-74,999 | 56 | 44.06 | 26.82 | 61.30 | 28.75 | 16.55 | 40.94 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND any age 45 through 64 to “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 18 – Diabetes Prevalence and Management:

Told they had diabetes at age 65 +

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.2.3 | 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 | 555 | 20.11 | 15.91 | 24.31 | 9.14 | 7.80 | 10.48 |
| REGION | | | | | | | |
| Central | 70 | 16.00 | 7.32 | 24.67 | 12.64 | 6.77 | 18.51 |
| Kansas City | 104 | 25.85 | 16.46 | 35.24 | 10.79 | 7.92 | 13.67 |
| Northeast | 60 | 18.59 | 8.72 | 28.47 | 5.78 | 3.20 | 8.35 |
| Northwest | 79 | 21.33 | 11.94 | 30.73 | 15.44 | 11.53 | 19.34 |
| Southeast | 69 | 14.71 | 7.55 | 21.86 | 15.67 | 9.54 | 21.80 |
| Southwest | 57 | 21.69 | 10.15 | 33.24 | 12.75 | 8.91 | 16.58 |
| St. Louis | 116 | 19.67 | 10.61 | 28.74 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 332 | 23.01 | 17.59 | 28.43 | 9.65 | 7.99 | 11.31 |
| Male | 223 | 17.13 | 10.67 | 23.59 | 14.96 | 11.12 | 18.81 |
| RACE | | | | | | | |
| Black | 60 | 7.71 | 2.09 | 13.33 | 6.15 | 1.76 | 10.54 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 460 | 22.09 | 17.26 | 26.92 | 10.37 | 8.81 | 11.93 |
| EDUCATION | | | | | | | |
| <HS | 90 | 27.84 | 16.45 | 39.22 | 16.24 | 11.40 | 21.09 |
| HS | 233 | 25.78 | 17.78 | 33.78 | 18.37 | 14.70 | 22.04 |
| >HS | 232 | 12.94 | 8.15 | 17.72 | 9.64 | 6.90 | 12.39 |
| INCOME | | | | | | | |
| <\$15,000 | 107 | 21.35 | 12.07 | 30.63 | 12.90 | 8.00 | 17.80 |
| \$15-24,999 | 130 | 24.84 | 15.45 | 34.24 | 11.84 | 8.54 | 15.14 |
| \$25-24,999 | 63 | 25.72 | 11.35 | 40.08 | 10.26 | 6.32 | 14.20 |
| \$35-49,999 | 79 | 23.02 | 9.49 | 36.54 | 22.40 | 14.49 | 30.32 |
| \$50-74,999 | 56 | 7.55 | 1.00 | 14.09 | 13.80 | 3.29 | 24.31 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND any age 65 and older “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Currently taking insulin for diabetes

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.3 | 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 | 575 | 27.93 | 22.53 | 33.33 | 39.67 | 33.59 | 45.76 |
| REGION | | | | | | | |
| Central | 71 | 23.31 | 12.08 | 34.55 | 40.84 | 32.78 | 48.89 |
| Kansas City | 105 | 24.76 | 14.57 | 34.95 | 24.02 | 4.35 | 43.70 |
| Northeast | 63 | 28.40 | 15.82 | 40.97 | 27.31 | 8.73 | 45.88 |
| Northwest | 83 | 25.26 | 14.59 | 35.93 | 26.89 | 13.36 | 40.43 |
| Southeast | 70 | 20.55 | 9.96 | 31.14 | 56.26 | 41.95 | 70.56 |
| Southwest | 61 | 42.03 | 26.58 | 57.47 | 18.96 | 14.26 | 23.65 |
| St. Louis | 122 | 28.56 | 16.81 | 40.32 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 349 | 32.23 | 24.85 | 39.61 | 42.89 | 35.67 | 50.10 |
| Male | 226 | 23.26 | 15.59 | 30.93 | 31.45 | 24.28 | 38.61 |
| RACE | | | | | | | |
| Black | 64 | 32.71 | 17.63 | 47.78 | 35.18 | 19.66 | 50.70 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 476 | 28.84 | 22.77 | 34.91 | 7.30 | 5.67 | 8.92 |
| EDUCATION | | | | | | | |
| <HS | 95 | 35.11 | 19.95 | 50.27 | 37.90 | 26.52 | 49.29 |
| HS | 238 | 28.28 | 19.93 | 36.63 | 46.79 | 36.88 | 56.70 |
| >HS | 242 | 25.22 | 17.22 | 33.23 | 16.83 | 12.46 | 21.19 |
| INCOME | | | | | | | |
| <\$15,000 | 110 | 30.20 | 19.19 | 41.20 | 36.43 | 24.83 | 48.03 |
| \$15-24,999 | 136 | 29.47 | 19.01 | 39.93 | 26.25 | 13.39 | 39.12 |
| \$25-24,999 | 64 | 20.93 | 7.88 | 33.97 | 47.63 | 39.52 | 55.74 |
| \$35-49,999 | 79 | 33.48 | 18.20 | 48.76 | 19.05 | 8.26 | 29.83 |
| \$50-74,999 | 57 | 14.57 | 4.16 | 24.98 | 34.15 | 24.55 | 43.75 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND “Yes” response to “Are you now taking insulin?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Currently taking diabetes pills

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.4 | 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 | 575 | 76.38 | 71.45 | 81.31 | 68.91 | 62.89 | 74.93 |
| REGION | | | | | | | |
| Central | 71 | 81.53 | 72.25 | 90.81 | 65.21 | 53.35 | 77.07 |
| Kansas City | 105 | 75.49 | 65.97 | 85.00 | 89.05 | 84.93 | 93.17 |
| Northeast | 63 | 70.33 | 57.79 | 82.87 | 78.44 | 64.68 | 92.20 |
| Northwest | 83 | 75.52 | 64.74 | 86.30 | 75.23 | 60.23 | 90.23 |
| Southeast | 70 | 76.10 | 64.94 | 87.26 | 56.79 | 45.84 | 67.73 |
| Southwest | 61 | 74.11 | 60.14 | 88.09 | 42.80 | 36.54 | 49.05 |
| St. Louis | 122 | 76.85 | 66.07 | 87.63 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 349 | 71.49 | 64.78 | 78.20 | 65.76 | 56.32 | 75.19 |
| Male | 226 | 81.70 | 74.60 | 88.80 | 58.10 | 53.14 | 63.07 |
| RACE | | | | | | | |
| Black | 64 | 79.36 | 68.12 | 90.60 | 82.78 | 71.08 | 94.48 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 476 | 76.60 | 71.17 | 82.03 | 24.72 | 23.17 | 26.28 |
| EDUCATION | | | | | | | |
| <HS | 95 | 84.13 | 74.94 | 93.32 | 78.82 | 74.35 | 83.28 |
| HS | 238 | 80.19 | 74.02 | 86.35 | 62.34 | 53.23 | 71.45 |
| >HS | 242 | 70.61 | 62.10 | 79.11 | 37.01 | 31.66 | 42.35 |
| INCOME | | | | | | | |
| <\$15,000 | 110 | 68.22 | 55.99 | 80.44 | 68.40 | 56.25 | 80.56 |
| \$15-24,999 | 136 | 80.66 | 72.31 | 89.01 | 91.59 | 87.77 | 95.41 |
| \$25-24,999 | 64 | 80.59 | 68.66 | 92.51 | 57.14 | 48.28 | 66.00 |
| \$35-49,999 | 79 | 71.54 | 58.23 | 84.85 | 87.42 | 80.35 | 94.49 |
| \$50-74,999 | 57 | 83.28 | 66.46 | 100.1 | 44.08 | 32.63 | 55.52 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND “Yes” response to “Are you now taking diabetes pills?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 18 – Diabetes Prevalence and Management:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.5 | 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 | 571 | 67.01 | 61.52 | 72.50 | 76.15 | 70.40 | 81.89 |
| REGION | | | | | | | |
| Central | 71 | 58.11 | 43.99 | 72.23 | 67.83 | 54.78 | 80.89 |
| Kansas City | 104 | 57.36 | 46.22 | 68.50 | 73.72 | 58.89 | 88.54 |
| Northeast | 62 | 69.32 | 56.94 | 81.70 | 71.05 | 57.52 | 84.58 |
| Northwest | 82 | 77.10 | 66.36 | 87.83 | 77.07 | 63.01 | 91.13 |
| Southeast | 70 | 70.03 | 57.15 | 82.92 | 79.05 | 70.58 | 87.51 |
| Southwest | 60 | 69.81 | 56.34 | 83.28 | 37.58 | 30.72 | 44.43 |
| St. Louis | 122 | 71.70 | 60.04 | 83.35 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 346 | 67.67 | 60.48 | 74.87 | 74.02 | 65.07 | 82.97 |
| Male | 225 | 66.29 | 57.83 | 74.76 | 59.95 | 53.65 | 66.25 |
| RACE | | | | | | | |
| Black | 63 | 72.58 | 57.53 | 87.63 | 67.29 | 50.63 | 83.95 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 474 | 67.16 | 61.07 | 73.25 | 20.36 | 18.45 | 22.27 |
| EDUCATION | | | | | | | |
| <HS | 93 | 71.73 | 59.64 | 83.82 | 80.54 | 71.20 | 89.87 |
| HS | 237 | 69.74 | 61.84 | 77.64 | 77.07 | 69.58 | 84.56 |
| >HS | 241 | 63.19 | 54.32 | 72.06 | 32.23 | 26.62 | 37.84 |
| INCOME | | | | | | | |
| <\$15,000 | 110 | 70.31 | 58.32 | 82.31 | 79.71 | 70.89 | 88.53 |
| \$15-24,999 | 135 | 72.11 | 62.67 | 81.55 | 54.22 | 47.16 | 61.27 |
| \$25-24,999 | 64 | 57.64 | 41.78 | 73.51 | 77.46 | 67.61 | 87.32 |
| \$35-49,999 | 79 | 67.66 | 54.17 | 81.15 | 54.07 | 44.89 | 63.25 |
| \$50-74,999 | 57 | 66.78 | 49.61 | 83.94 | 62.98 | 49.45 | 76.51 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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 glucose or sugar?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Feet checked for sores or irritations daily by someone other than a health professional

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.6 | 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 | 566 | 72.29 | 67.27 | 77.32 | 68.08 | 63.10 | 73.06 |
| REGION | | | | | | | |
| Central | 71 | 68.91 | 56.42 | 81.41 | 69.76 | 56.52 | 83.00 |
| Kansas City | 104 | 72.32 | 62.84 | 81.80 | 74.20 | 54.49 | 93.91 |
| Northeast | 60 | 76.37 | 64.89 | 87.85 | 45.84 | 26.92 | 64.75 |
| Northwest | 82 | 59.68 | 44.97 | 74.39 | 66.92 | 51.32 | 82.52 |
| Southeast | 70 | 61.99 | 47.97 | 76.02 | 83.88 | 77.10 | 90.66 |
| Southwest | 59 | 75.36 | 64.05 | 86.68 | 40.96 | 35.72 | 46.19 |
| St. Louis | 120 | 76.57 | 65.96 | 87.18 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 344 | 72.30 | 66.14 | 78.46 | 68.53 | 62.31 | 74.75 |
| Male | 222 | 72.28 | 64.06 | 80.51 | 62.26 | 55.93 | 68.59 |
| RACE | | | | | | | |
| Black | 63 | 83.46 | 70.58 | 96.35 | 89.97 | 82.89 | 97.04 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 469 | 69.73 | 63.97 | 75.49 | 20.98 | 19.06 | 22.91 |
| EDUCATION | | | | | | | |
| <HS | 94 | 83.43 | 74.73 | 92.13 | 72.38 | 67.38 | 77.38 |
| HS | 233 | 66.03 | 56.71 | 75.35 | 72.25 | 62.46 | 82.04 |
| >HS | 239 | 73.75 | 66.88 | 80.63 | 38.52 | 34.33 | 42.71 |
| INCOME | | | | | | | |
| <\$15,000 | 110 | 79.87 | 70.59 | 89.16 | 76.92 | 68.20 | 85.64 |
| \$15-24,999 | 133 | 79.01 | 71.02 | 87.00 | 87.80 | 81.03 | 94.58 |
| \$25-24,999 | 63 | 46.93 | 31.09 | 62.78 | 51.02 | 31.55 | 70.50 |
| \$35-49,999 | 79 | 63.96 | 47.68 | 80.24 | 52.55 | 41.15 | 63.95 |
| \$50-74,999 | 56 | 75.17 | 61.69 | 88.66 | 71.93 | 63.53 | 80.34 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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, 2007

Section 18 – Diabetes Prevalence and Management:

Ever had sores or irritations on feet that took more than four weeks to heal

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.7 | 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 | 574 | 10.57 | 7.07 | 14.07 | 10.71 | 5.45 | 15.96 |
| REGION | | | | | | | |
| Central | 71 | 14.45 | 3.44 | 25.46 | 11.01 | 1.33 | 20.69 |
| Kansas City | 105 | 4.61 | 0.48 | 8.74 | 10.00 | -6.34 | 26.34 |
| Northeast | 63 | 3.34 | -1.35 | 8.02 | 11.02 | -2.41 | 24.44 |
| Northwest | 83 | 7.46 | 1.15 | 13.78 | 25.26 | 16.46 | 34.06 |
| Southeast | 70 | 17.75 | 7.33 | 28.17 | 13.55 | 3.06 | 24.03 |
| Southwest | 61 | 16.52 | 5.17 | 27.86 | 6.71 | 0.35 | 13.07 |
| St. Louis | 121 | 9.42 | 2.42 | 16.41 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 348 | 9.47 | 5.52 | 13.43 | 9.37 | 4.03 | 14.71 |
| Male | 226 | 11.76 | 5.86 | 17.66 | 9.45 | 2.75 | 16.15 |
| RACE | | | | | | | |
| Black | 63 | 6.22 | -1.01 | 13.46 | 6.28 | -0.22 | 12.78 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 476 | 11.34 | 7.30 | 15.37 | 2.84 | 1.75 | 3.94 |
| EDUCATION | | | | | | | |
| <HS | 94 | 14.05 | 4.53 | 23.57 | 10.43 | 3.18 | 17.69 |
| HS | 238 | 13.72 | 6.77 | 20.67 | 15.93 | 6.39 | 25.47 |
| >HS | 242 | 6.79 | 3.23 | 10.36 | 3.57 | 0.93 | 6.21 |
| INCOME | | | | | | | |
| <\$15,000 | 109 | 19.07 | 9.26 | 28.88 | 18.21 | 7.69 | 28.72 |
| \$15-24,999 | 136 | 15.95 | 7.02 | 24.88 | 8.64 | 2.86 | 14.41 |
| \$25-24,999 | 64 | 1.62 | -1.58 | 4.82 | 7.07 | -1.76 | 15.90 |
| \$35-49,999 | 79 | 14.68 | 3.01 | 26.35 | 7.18 | 2.11 | 12.25 |
| \$50-74,999 | 57 | 9.97 | -0.99 | 20.93 | 0.19 | -0.21 | 0.59 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND “Yes” response to “Have you ever had any sores or irritations on your feet that took more than four weeks to heal?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Had not seen a doctor in past 12 months for their diabetes

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.8 | 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 | 558 | 11.03 | 7.39 | 14.67 | 11.33 | 6.08 | 16.58 |
| REGION | | | | | | | |
| Central | 70 | 13.42 | 4.18 | 22.67 | 13.10 | 2.99 | 23.21 |
| Kansas City | 103 | 8.53 | 1.27 | 15.78 | 4.22 | 1.36 | 7.09 |
| Northeast | 63 | 11.47 | 2.67 | 20.27 | 13.07 | -0.59 | 26.74 |
| Northwest | 80 | 9.45 | 1.56 | 17.34 | 17.93 | 3.44 | 32.41 |
| Southeast | 69 | 15.38 | 5.29 | 25.48 | 5.39 | 0.05 | 10.74 |
| Southwest | 59 | 6.43 | 0.73 | 12.13 | 9.55 | 1.92 | 17.18 |
| St. Louis | 114 | 12.03 | 3.87 | 20.19 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 336 | 13.01 | 7.53 | 18.49 | 16.34 | 7.69 | 24.99 |
| Male | 222 | 8.97 | 4.47 | 13.46 | 7.60 | 3.23 | 11.97 |
| RACE | | | | | | | |
| Black | 57 | 10.83 | -0.19 | 21.86 | 4.91 | 0.21 | 9.61 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 466 | 11.07 | 7.08 | 15.06 | 3.28 | 1.95 | 4.61 |
| EDUCATION | | | | | | | |
| <HS | 89 | 6.83 | 1.03 | 12.62 | 4.06 | 0.49 | 7.64 |
| HS | 233 | 11.73 | 5.79 | 17.66 | 13.23 | 5.76 | 20.70 |
| >HS | 236 | 11.69 | 5.99 | 17.39 | 8.76 | 3.61 | 13.92 |
| INCOME | | | | | | | |
| <\$15,000 | 106 | 12.63 | 4.84 | 20.42 | 13.87 | 4.62 | 23.13 |
| \$15-24,999 | 131 | 7.97 | 2.11 | 13.84 | 4.07 | 0.76 | 7.38 |
| \$25-24,999 | 64 | 16.44 | 4.37 | 28.51 | 10.39 | 1.59 | 19.20 |
| \$35-49,999 | 79 | 15.50 | 3.20 | 27.79 | 8.10 | 2.06 | 14.14 |
| \$50-74,999 | 57 | 8.22 | -2.67 | 19.11 | 13.28 | 2.29 | 24.27 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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, 2007
Section 18 – Diabetes Prevalence and Management:
Had 0 “A one C” tests in past year

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.9.1 | 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 | 538 | 17.82 | 13.75 | 21.90 | 29.47 | 23.02 | 35.91 |
| REGION | | | | | | | |
| Central | 68 | 8.33 | 2.68 | 13.98 | 5.45 | 1.54 | 9.35 |
| Kansas City | 103 | 10.28 | 3.63 | 16.93 | 13.84 | -0.68 | 28.36 |
| Northeast | 60 | 21.03 | 9.85 | 32.21 | 32.30 | 18.65 | 45.95 |
| Northwest | 76 | 27.90 | 12.28 | 43.53 | 27.62 | 13.37 | 41.87 |
| Southeast | 69 | 34.20 | 20.94 | 47.47 | 30.58 | 21.29 | 39.87 |
| Southwest | 55 | 24.09 | 10.83 | 37.36 | 10.41 | 4.23 | 16.60 |
| St. Louis | 107 | 16.43 | 7.98 | 24.88 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 324 | 19.70 | 13.85 | 25.55 | 32.27 | 22.53 | 42.00 |
| Male | 214 | 15.83 | 10.18 | 21.48 | 13.55 | 7.65 | 19.46 |
| RACE | | | | | | | |
| Black | 59 | 25.86 | 12.21 | 39.51 | 18.30 | 9.79 | 26.81 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 444 | 16.69 | 12.39 | 21.00 | 4.88 | 3.59 | 6.17 |
| EDUCATION | | | | | | | |
| <HS | 85 | 31.58 | 18.78 | 44.38 | 50.82 | 40.59 | 61.05 |
| HS | 218 | 19.20 | 12.67 | 25.72 | 13.92 | 8.08 | 19.77 |
| >HS | 235 | 12.40 | 6.56 | 18.24 | 9.68 | 4.51 | 14.84 |
| INCOME | | | | | | | |
| <\$15,000 | 100 | 33.86 | 21.03 | 46.69 | 30.00 | 16.70 | 43.29 |
| \$15-24,999 | 123 | 24.79 | 15.02 | 34.55 | 15.43 | 8.30 | 22.55 |
| \$25-24,999 | 62 | 16.48 | 4.55 | 28.41 | 32.69 | 23.83 | 41.55 |
| \$35-49,999 | 75 | 16.38 | 4.74 | 28.02 | 9.02 | 2.54 | 15.51 |
| \$50-74,999 | 56 | 4.91 | -0.59 | 10.40 | 11.98 | 0.35 | 23.61 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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 has a doctor, nurse or other health professional checked you for ‘A one C’?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 18 – Diabetes Prevalence and Management:

Had 1 “A one C” test in past year

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.9.2 | 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 | 538 | 16.82 | 11.92 | 21.73 | 15.68 | 9.80 | 21.57 |
| REGION | | | | | | | |
| Central | 68 | 23.81 | 11.44 | 36.18 | 25.55 | 11.89 | 39.20 |
| Kansas City | 103 | 16.73 | 8.60 | 24.85 | 43.10 | 23.46 | 62.75 |
| Northeast | 60 | 11.87 | 2.81 | 20.94 | 28.63 | 9.49 | 47.77 |
| Northwest | 76 | 18.89 | 8.31 | 29.47 | 5.82 | 1.54 | 10.10 |
| Southeast | 69 | 9.45 | 1.36 | 17.54 | 12.68 | 2.59 | 22.77 |
| Southwest | 55 | 14.06 | 3.36 | 24.76 | 7.07 | 2.84 | 11.29 |
| St. Louis | 107 | 17.98 | 6.15 | 29.81 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 324 | 15.15 | 9.84 | 20.46 | 13.50 | 7.57 | 19.44 |
| Male | 214 | 18.59 | 10.21 | 26.97 | 15.03 | 6.75 | 23.32 |
| RACE | | | | | | | |
| Black | 59 | 16.50 | 4.46 | 28.53 | 28.69 | 11.14 | 46.24 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 444 | 16.10 | 10.65 | 21.55 | 4.53 | 3.03 | 6.02 |
| EDUCATION | | | | | | | |
| <HS | 85 | 16.92 | 6.36 | 27.47 | 12.25 | 3.80 | 20.71 |
| HS | 218 | 14.61 | 7.92 | 21.29 | 19.65 | 9.76 | 29.53 |
| >HS | 235 | 18.53 | 10.38 | 26.68 | 7.16 | 4.24 | 10.08 |
| INCOME | | | | | | | |
| <\$15,000 | 100 | 21.87 | 10.83 | 32.90 | 36.32 | 23.56 | 49.08 |
| \$15-24,999 | 123 | 8.82 | 3.21 | 14.42 | 4.17 | 0.64 | 7.70 |
| \$25-24,999 | 62 | 21.50 | 6.49 | 36.51 | 10.11 | 2.70 | 17.52 |
| \$35-49,999 | 75 | 14.81 | 5.42 | 24.20 | 16.40 | 7.44 | 25.36 |
| \$50-74,999 | 56 | 23.21 | 7.19 | 39.22 | 23.45 | 14.63 | 32.27 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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, 2007
Section 18 – Diabetes Prevalence and Management:
Had 2 or more “A one C” tests in past year

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.9.3 | 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 | 538 | 65.35 | 59.70 | 71.01 | 54.85 | 46.43 | 63.28 |
| REGION | | | | | | | |
| Central | 68 | 67.86 | 54.72 | 81.01 | 69.01 | 55.25 | 82.77 |
| Kansas City | 103 | 73.00 | 63.27 | 82.72 | 43.05 | 26.02 | 60.09 |
| Northeast | 60 | 67.10 | 54.02 | 80.17 | 39.07 | 25.17 | 52.97 |
| Northwest | 76 | 53.21 | 38.35 | 68.06 | 66.56 | 52.10 | 81.02 |
| Southeast | 69 | 56.35 | 42.50 | 70.20 | 56.74 | 43.90 | 69.58 |
| Southwest | 55 | 61.85 | 47.66 | 76.03 | 35.57 | 28.33 | 42.82 |
| St. Louis | 107 | 65.59 | 52.61 | 78.57 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 324 | 65.15 | 58.14 | 72.15 | 54.23 | 43.62 | 64.85 |
| Male | 214 | 65.57 | 56.53 | 74.62 | 54.39 | 45.07 | 63.71 |
| RACE | | | | | | | |
| Black | 59 | 57.65 | 40.80 | 74.49 | 53.01 | 34.84 | 71.18 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 444 | 67.20 | 60.95 | 73.46 | 21.74 | 19.88 | 23.60 |
| EDUCATION | | | | | | | |
| <HS | 85 | 51.50 | 36.36 | 66.64 | 36.93 | 24.62 | 49.24 |
| HS | 218 | 66.20 | 57.57 | 74.83 | 66.43 | 55.29 | 77.57 |
| >HS | 235 | 69.07 | 60.13 | 78.01 | 36.22 | 30.53 | 41.91 |
| INCOME | | | | | | | |
| <\$15,000 | 100 | 44.27 | 31.50 | 57.05 | 33.68 | 21.55 | 45.81 |
| \$15-24,999 | 123 | 66.40 | 55.94 | 76.86 | 80.40 | 73.25 | 87.56 |
| \$25-24,999 | 62 | 62.02 | 45.89 | 78.14 | 57.20 | 47.31 | 67.10 |
| \$35-49,999 | 75 | 68.81 | 54.59 | 83.04 | 74.58 | 64.69 | 84.46 |
| \$50-74,999 | 56 | 71.88 | 55.53 | 88.24 | 47.55 | 33.53 | 61.56 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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, 2007

Section 18 – Diabetes Prevalence and Management:

Feet checked by a health professional in past year

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.10 | 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 | 497 | 76.35 | 71.14 | 81.56 | 70.33 | 65.01 | 75.65 |
| REGION | | | | | | | |
| Central | 61 | 78.20 | 64.69 | 91.71 | 87.81 | 80.98 | 94.64 |
| Kansas City | 96 | 78.04 | 68.15 | 87.93 | 64.32 | 47.12 | 81.52 |
| Northeast | 54 | 62.83 | 48.52 | 77.15 | 46.22 | 35.82 | 56.62 |
| Northwest | 72 | 59.17 | 43.46 | 74.87 | 63.91 | 57.51 | 70.32 |
| Southeast | 59 | 70.45 | 58.16 | 82.73 | 81.43 | 70.84 | 92.02 |
| Southwest | 53 | 75.43 | 61.97 | 88.89 | 43.56 | 37.80 | 49.32 |
| St. Louis | 102 | 81.10 | 70.14 | 92.05 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 303 | 71.92 | 65.64 | 78.20 | 67.44 | 60.44 | 74.44 |
| Male | 194 | 80.77 | 72.64 | 88.90 | 68.90 | 61.72 | 76.09 |
| RACE | | | | | | | |
| Black | 53 | 82.50 | 70.75 | 94.25 | 80.87 | 69.22 | 92.52 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 414 | 74.74 | 68.85 | 80.63 | 23.25 | 21.42 | 25.07 |
| EDUCATION | | | | | | | |
| <HS | 81 | 76.54 | 66.42 | 86.66 | 68.84 | 62.93 | 74.75 |
| HS | 205 | 69.22 | 59.56 | 78.89 | 74.35 | 64.71 | 84.00 |
| >HS | 211 | 82.18 | 75.69 | 88.68 | 43.41 | 39.62 | 47.20 |
| INCOME | | | | | | | |
| <\$15,000 | 92 | 72.12 | 60.25 | 83.98 | 77.07 | 65.07 | 89.08 |
| \$15-24,999 | 118 | 84.11 | 77.23 | 90.99 | 90.19 | 83.61 | 96.76 |
| \$25-24,999 | 56 | 78.41 | 64.57 | 92.25 | 71.22 | 67.20 | 75.24 |
| \$35-49,999 | 69 | 76.08 | 59.16 | 92.99 | 78.70 | 68.96 | 88.45 |
| \$50-74,999 | 53 | 71.02 | 53.99 | 88.05 | 53.19 | 39.94 | 66.44 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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 have you seen a doctor, nurse or other health professional for your diabetes?” AND “1” or greater to “About how many times in the past 12 months has a health professional checked your feet for sores or irritations?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Had dilated eye exam within the past year

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.11.1 | 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 | 570 | 71.17 | 66.32 | 76.03 | 58.49 | 50.46 | 66.53 |
| REGION | | | | | | | |
| Central | 70 | 61.51 | 47.67 | 75.36 | 59.68 | 47.95 | 71.41 |
| Kansas City | 105 | 81.76 | 73.64 | 89.88 | 35.48 | 31.15 | 39.82 |
| Northeast | 63 | 61.78 | 48.36 | 75.21 | 31.29 | 17.82 | 44.75 |
| Northwest | 83 | 56.18 | 41.88 | 70.48 | 66.87 | 51.37 | 82.37 |
| Southeast | 68 | 59.66 | 45.77 | 73.54 | 64.58 | 48.13 | 81.02 |
| Southwest | 61 | 60.46 | 45.76 | 75.16 | 43.15 | 38.42 | 47.88 |
| St. Louis | 120 | 79.64 | 70.43 | 88.85 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 346 | 66.51 | 59.87 | 73.14 | 53.83 | 43.96 | 63.69 |
| Male | 224 | 76.24 | 69.49 | 83.00 | 61.93 | 53.40 | 70.46 |
| RACE | | | | | | | |
| Black | 63 | 73.12 | 59.73 | 86.51 | 58.11 | 43.17 | 73.05 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 473 | 71.81 | 66.60 | 77.03 | 23.19 | 21.51 | 24.87 |
| EDUCATION | | | | | | | |
| <HS | 93 | 65.68 | 52.62 | 78.75 | 47.23 | 36.95 | 57.51 |
| HS | 235 | 65.89 | 57.51 | 74.26 | 64.03 | 52.07 | 75.99 |
| >HS | 242 | 77.33 | 70.68 | 83.98 | 42.07 | 38.05 | 46.09 |
| INCOME | | | | | | | |
| <\$15,000 | 109 | 48.64 | 36.57 | 60.70 | 34.26 | 22.78 | 45.73 |
| \$15-24,999 | 134 | 67.78 | 57.87 | 77.68 | 43.17 | 30.63 | 55.72 |
| \$25-24,999 | 63 | 67.20 | 51.50 | 82.90 | 63.64 | 55.92 | 71.36 |
| \$35-49,999 | 78 | 75.05 | 62.49 | 87.62 | 74.85 | 59.62 | 90.09 |
| \$50-74,999 | 57 | 79.54 | 66.18 | 92.90 | 58.96 | 50.20 | 67.71 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

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 (1 month but less than 12 months ago)” to “When was the last time you had an eye exam in which the pupils were dilated?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Had dilated eye exam 1 or more years ago

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.11.2 | 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 | 570 | 24.34 | 19.69 | 28.98 | 25.56 | 17.63 | 33.48 |
| REGION | | | | | | | |
| Central | 70 | 33.22 | 19.82 | 46.61 | 37.31 | 25.79 | 48.83 |
| Kansas City | 105 | 16.99 | 9.06 | 24.93 | 52.97 | 36.18 | 69.77 |
| Northeast | 63 | 30.37 | 17.93 | 42.81 | 39.01 | 24.77 | 53.26 |
| Northwest | 83 | 27.65 | 16.28 | 39.03 | 27.03 | 12.65 | 41.41 |
| Southeast | 68 | 35.86 | 22.08 | 49.64 | 28.32 | 12.14 | 44.50 |
| Southwest | 61 | 27.80 | 14.40 | 41.20 | 9.42 | 4.72 | 14.13 |
| St. Louis | 120 | 19.16 | 10.06 | 28.26 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 346 | 27.92 | 21.51 | 34.33 | 29.04 | 19.63 | 38.46 |
| Male | 224 | 20.44 | 14.10 | 26.79 | 19.50 | 11.03 | 27.96 |
| RACE | | | | | | | |
| Black | 63 | 22.68 | 10.37 | 34.99 | 38.14 | 22.99 | 53.30 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 473 | 24.07 | 19.07 | 29.07 | 6.93 | 5.30 | 8.56 |
| EDUCATION | | | | | | | |
| <HS | 93 | 31.50 | 18.72 | 44.28 | 33.68 | 23.73 | 43.63 |
| HS | 235 | 26.76 | 18.98 | 34.54 | 31.92 | 20.32 | 43.53 |
| >HS | 242 | 19.98 | 13.58 | 26.38 | 9.50 | 5.63 | 13.38 |
| INCOME | | | | | | | |
| <\$15,000 | 109 | 46.04 | 33.61 | 58.47 | 61.70 | 50.01 | 73.39 |
| \$15-24,999 | 134 | 26.30 | 17.01 | 35.60 | 43.99 | 37.29 | 50.68 |
| \$25-24,999 | 63 | 22.64 | 8.21 | 37.07 | 11.06 | 3.57 | 18.56 |
| \$35-49,999 | 78 | 20.45 | 8.71 | 32.20 | 24.21 | 9.02 | 39.40 |
| \$50-74,999 | 57 | 18.78 | 5.61 | 31.95 | 23.51 | 14.80 | 32.21 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Within the past 2 years (1 year but less than 2 years ago)” 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, 2007
Section 18 – Diabetes Prevalence and Management:
Ever told by a doctor diabetes had affected their eyes or they had retinopathy

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.12 | 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 | 572 | 17.33 | 12.99 | 21.67 | 17.23 | 10.43 | 24.04 |
| REGION | | | | | | | |
| Central | 71 | 16.61 | 6.34 | 26.89 | 21.08 | 10.84 | 31.32 |
| Kansas City | 105 | 13.66 | 6.10 | 21.22 | 7.54 | 3.78 | 11.31 |
| Northeast | 63 | 23.51 | 12.03 | 34.98 | 15.65 | 1.92 | 29.38 |
| Northwest | 83 | 17.39 | 8.26 | 26.52 | 30.83 | 25.82 | 35.84 |
| Southeast | 68 | 21.16 | 10.88 | 31.45 | 11.42 | 4.57 | 18.27 |
| Southwest | 61 | 15.98 | 6.45 | 25.50 | 14.61 | 8.00 | 21.23 |
| St. Louis | 121 | 18.04 | 8.19 | 27.88 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 347 | 19.80 | 13.60 | 26.01 | 21.71 | 12.16 | 31.26 |
| Male | 225 | 14.65 | 8.81 | 20.48 | 12.57 | 5.45 | 19.70 |
| RACE | | | | | | | |
| Black | 64 | 25.41 | 11.80 | 39.01 | 32.00 | 17.09 | 46.92 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 473 | 16.66 | 11.81 | 21.51 | 5.26 | 3.84 | 6.67 |
| EDUCATION | | | | | | | |
| <HS | 94 | 26.71 | 12.21 | 41.22 | 20.49 | 8.68 | 32.30 |
| HS | 237 | 18.66 | 11.60 | 25.71 | 23.00 | 12.72 | 33.29 |
| >HS | 241 | 13.09 | 7.84 | 18.33 | 8.70 | 4.38 | 13.01 |
| INCOME | | | | | | | |
| <\$15,000 | 108 | 25.95 | 15.49 | 36.40 | 21.28 | 11.66 | 30.90 |
| \$15-24,999 | 136 | 20.28 | 11.70 | 28.86 | 11.13 | 4.36 | 17.91 |
| \$25-24,999 | 64 | 8.81 | 1.06 | 16.56 | 9.14 | -0.25 | 18.52 |
| \$35-49,999 | 79 | 14.94 | 3.85 | 26.03 | 13.45 | 4.14 | 22.77 |
| \$50-74,999 | 57 | 12.48 | 0.33 | 24.63 | 8.79 | -1.19 | 18.77 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

-- Number of responses less than 50 and not sufficient to report.

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND “Yes” response to “Has a doctor ever told you that diabetes has affected your eyes or that you had retinopathy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 18 – Diabetes Prevalence and Management:
Had ever taken a class on how to manage their diabetes

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 18.13 | 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 | 575 | 55.94 | 50.12 | 61.76 | 68.55 | 61.94 | 75.16 |
| REGION | | | | | | | |
| Central | 71 | 59.07 | 45.13 | 73.01 | 66.64 | 53.55 | 79.73 |
| Kansas City | 105 | 68.57 | 58.60 | 78.55 | 30.96 | 26.20 | 35.72 |
| Northeast | 63 | 48.48 | 34.78 | 62.17 | 48.06 | 31.15 | 64.96 |
| Northwest | 83 | 52.14 | 38.46 | 65.82 | 39.78 | 25.72 | 53.83 |
| Southeast | 70 | 41.19 | 28.09 | 54.29 | 75.63 | 67.55 | 83.70 |
| Southwest | 61 | 63.26 | 48.89 | 77.62 | 25.45 | 17.22 | 33.67 |
| St. Louis | 122 | 51.39 | 38.40 | 64.38 | 0.00 | . | . |
| GENDER | | | | | | | |
| Female | 349 | 53.85 | 46.52 | 61.17 | 64.92 | 55.12 | 74.71 |
| Male | 226 | 58.21 | 49.03 | 67.39 | 54.20 | 47.69 | 60.70 |
| RACE | | | | | | | |
| Black | 64 | 68.44 | 54.67 | 82.21 | 63.74 | 52.22 | 75.27 |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 476 | 55.50 | 49.00 | 62.00 | 15.97 | 13.96 | 17.98 |
| EDUCATION | | | | | | | |
| <HS | 95 | 44.19 | 29.93 | 58.45 | 60.60 | 48.31 | 72.90 |
| HS | 238 | 49.13 | 39.74 | 58.53 | 58.30 | 48.34 | 68.25 |
| >HS | 242 | 65.55 | 57.18 | 73.92 | 35.73 | 31.51 | 39.95 |
| INCOME | | | | | | | |
| <\$15,000 | 110 | 44.36 | 32.31 | 56.42 | 42.11 | 29.05 | 55.16 |
| \$15-24,999 | 136 | 52.11 | 40.61 | 63.61 | 37.54 | 25.63 | 49.45 |
| \$25-24,999 | 64 | 39.16 | 23.92 | 54.40 | 78.69 | 73.17 | 84.20 |
| \$35-49,999 | 79 | 65.58 | 51.23 | 79.93 | 49.56 | 33.39 | 65.72 |
| \$50-74,999 | 57 | 55.97 | 37.33 | 74.60 | 57.56 | 43.74 | 71.38 |
| \$75,000+ | -- | -- | -- | -- | -- | -- | -- |

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?”
AND “Yes” response to “Have you ever taken a course or class in how to manage your diabetes
yourself?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 19 – Asthma Prevalence:

Ever been told by a health professional had asthma

Crude and Age-adjusted prevalence and 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 | 5248 | 13.19 | 11.78 | 14.61 | 13.25 | 11.80 | 14.71 |
| REGION | | | | | | | |
| Central | 664 | 14.01 | 10.14 | 17.88 | 13.79 | 10.16 | 17.42 |
| Kansas City | 933 | 12.85 | 10.24 | 15.47 | 12.87 | 10.21 | 15.54 |
| Northeast | 589 | 14.23 | 10.58 | 17.89 | 14.44 | 10.76 | 18.13 |
| Northwest | 670 | 12.77 | 8.48 | 17.05 | 12.27 | 8.76 | 15.78 |
| Southeast | 597 | 12.68 | 9.21 | 16.16 | 13.90 | 9.67 | 18.14 |
| Southwest | 648 | 13.95 | 10.23 | 17.67 | 14.13 | 10.33 | 17.93 |
| St. Louis | 1147 | 12.84 | 9.94 | 15.73 | 12.91 | 9.93 | 15.88 |
| GENDER | | | | | | | |
| Female | 3201 | 14.02 | 12.19 | 15.85 | 14.21 | 12.28 | 16.15 |
| Male | 2047 | 12.30 | 10.12 | 14.48 | 12.30 | 10.12 | 14.48 |
| RACE | | | | | | | |
| Black | 431 | 12.75 | 8.30 | 17.21 | 12.98 | 8.63 | 17.34 |
| Other | 283 | 15.27 | 10.07 | 20.47 | 15.51 | 10.52 | 20.51 |
| White | 4503 | 13.10 | 11.53 | 14.66 | 13.25 | 11.60 | 14.89 |
| EDUCATION | | | | | | | |
| <HS | 597 | 15.17 | 10.70 | 19.64 | 17.19 | 12.04 | 22.34 |
| HS | 1943 | 11.98 | 9.68 | 14.27 | 11.94 | 9.64 | 14.24 |
| >HS | 2701 | 13.55 | 11.59 | 15.52 | 13.70 | 11.60 | 15.80 |
| INCOME | | | | | | | |
| <\$15,000 | 593 | 25.59 | 18.93 | 32.24 | 27.30 | 20.33 | 34.28 |
| \$15-24,999 | 905 | 16.96 | 12.91 | 21.01 | 17.50 | 13.44 | 21.55 |
| \$25-24,999 | 676 | 12.93 | 9.32 | 16.53 | 12.21 | 8.83 | 15.60 |
| \$35-49,999 | 805 | 11.34 | 7.82 | 14.87 | 11.59 | 8.02 | 15.16 |
| \$50-74,999 | 762 | 12.80 | 9.38 | 16.21 | 12.56 | 9.13 | 16.00 |
| \$75,000+ | 868 | 9.24 | 6.70 | 11.78 | 8.28 | 5.80 | 10.75 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 19 – Asthma Prevalence:
Currently has asthma

Crude and Age-adjusted prevalence and 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 | 5232 | 8.54 | 7.40 | 9.68 | 8.55 | 7.38 | 9.72 |
| REGION | | | | | | | |
| Central | 663 | 8.99 | 5.79 | 12.18 | 8.81 | 5.93 | 11.69 |
| Kansas City | 932 | 8.89 | 6.74 | 11.04 | 8.88 | 6.71 | 11.06 |
| Northeast | 586 | 10.64 | 7.40 | 13.87 | 10.56 | 7.45 | 13.66 |
| Northwest | 668 | 7.68 | 5.47 | 9.89 | 7.83 | 5.60 | 10.05 |
| Southeast | 595 | 8.89 | 6.24 | 11.54 | 9.18 | 6.16 | 12.20 |
| Southwest | 644 | 8.17 | 5.38 | 10.97 | 8.19 | 5.34 | 11.04 |
| St. Louis | 1144 | 8.10 | 5.73 | 10.48 | 8.02 | 5.62 | 10.42 |
| GENDER | | | | | | | |
| Female | 3192 | 10.00 | 8.41 | 11.59 | 10.07 | 8.40 | 11.73 |
| Male | 2040 | 6.97 | 5.35 | 8.60 | 7.05 | 5.41 | 8.69 |
| RACE | | | | | | | |
| Black | 431 | 9.44 | 5.78 | 13.10 | 9.60 | 6.00 | 13.20 |
| Other | 282 | 9.75 | 5.63 | 13.86 | 9.70 | 5.83 | 13.57 |
| White | 4488 | 8.38 | 7.13 | 9.64 | 8.42 | 7.10 | 9.74 |
| EDUCATION | | | | | | | |
| <HS | 594 | 12.21 | 8.16 | 16.27 | 14.16 | 9.43 | 18.90 |
| HS | 1933 | 7.06 | 5.32 | 8.81 | 6.90 | 5.23 | 8.58 |
| >HS | 2698 | 8.73 | 7.16 | 10.31 | 8.84 | 7.13 | 10.55 |
| INCOME | | | | | | | |
| <\$15,000 | 590 | 20.91 | 14.65 | 27.16 | 23.18 | 16.43 | 29.92 |
| \$15-24,999 | 903 | 10.91 | 7.53 | 14.30 | 11.52 | 8.10 | 14.94 |
| \$25-24,999 | 674 | 8.51 | 5.79 | 11.23 | 8.21 | 5.54 | 10.88 |
| \$35-49,999 | 803 | 7.24 | 4.38 | 10.09 | 7.37 | 4.40 | 10.35 |
| \$50-74,999 | 761 | 6.65 | 4.48 | 8.82 | 6.83 | 4.43 | 9.22 |
| \$75,000+ | 867 | 5.20 | 3.39 | 7.01 | 4.15 | 2.72 | 5.59 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 20 - Child Asthma Prevalence:

Children age 17 and younger who ever had asthma

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 20.1 | N (child) | Crude Prev % | Crude 95% Lower CI | Crude 95% upper CI | Age-Adj Prev% | Age-adj 95% Lower CI | Age-adj 95% Upper CI |
|-------------------|------------------|-------------------------|-----------------------------------|-----------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 1455 | 13.07 | 10.89 | 15.25 | 13.06 | 10.89 | 15.22 |
| REGION | | | | | | | |
| Central | 197 | 13.07 | 7.46 | 18.69 | 12.99 | 7.29 | 18.70 |
| Kansas City | 278 | 12.80 | 8.46 | 17.13 | 12.95 | 8.48 | 17.42 |
| Northeast | 148 | 10.58 | 4.42 | 16.75 | 9.66 | 4.23 | 15.09 |
| Northwest | 194 | 14.61 | 8.39 | 20.84 | 15.51 | 9.15 | 21.87 |
| Southeast | 149 | 17.52 | 10.75 | 24.29 | 16.78 | 10.18 | 23.38 |
| Southwest | 177 | 15.74 | 9.22 | 22.27 | 15.34 | 9.00 | 21.68 |
| St. Louis | 312 | 10.82 | 6.75 | 14.89 | 11.10 | 6.96 | 15.24 |
| GENDER | | | | | | | |
| Female | 693 | 10.77 | 7.91 | 13.63 | 10.75 | 7.96 | 13.55 |
| Male | 744 | 15.17 | 11.88 | 18.45 | 15.15 | 11.86 | 18.44 |
| RACE | | | | | | | |
| Black | 127 | 17.96 | 9.80 | 26.13 | 17.30 | 9.37 | 25.22 |
| Other | 103 | 15.14 | 7.30 | 22.99 | 18.15 | 10.09 | 26.22 |
| White | 1130 | 12.23 | 9.87 | 14.60 | 12.06 | 9.71 | 14.40 |
| Age | | | | | | | |
| Age 0-4 | 336 | 6.44 | 3.41 | 9.48 | . | . | . |
| Age 5-9 | 332 | 12.95 | 8.62 | 17.28 | . | . | . |
| Age 10-17 | 694 | 17.06 | 13.47 | 20.64 | . | . | . |
| INCOME | | | | | | | |
| <\$15,000 | 103 | 11.78 | 4.96 | 18.59 | 12.27 | 5.11 | 19.44 |
| \$15-24,999 | 206 | 14.94 | 8.52 | 21.36 | 14.72 | 8.38 | 21.06 |
| \$25-24,999 | 169 | 14.75 | 7.93 | 21.56 | 15.03 | 8.59 | 21.48 |
| \$35-49,999 | 255 | 9.05 | 5.27 | 12.82 | 8.98 | 5.24 | 12.72 |
| \$50-74,999 | 261 | 18.31 | 11.79 | 24.83 | 18.26 | 11.82 | 24.70 |
| \$75,000+ | 349 | 9.88 | 6.15 | 13.60 | 9.80 | 6.14 | 13.46 |

Definition: "Yes" response to "Has a doctor, nurse or other health professional EVER said that the child has asthma?" [Among adults who earlier indicated there was a child or children in the home age 17 and under, one child was randomly selected about which asthma questions were asked. Overall prevalence was weighted to Missouri children age 17 and under. Reported income is household income.]

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 20 - Child Asthma Prevalence:

Children age 17 and younger that currently have asthma

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 20.2 | N (child) | Crude Prev % | Crude 95% Lower CI | Crude 95% upper CI | Age-Adj Prev% | Age-adj 95% Lower CI | Age-adj 95% Upper CI |
|-------------------|------------------|-------------------------|-----------------------------------|-----------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 1452 | 8.60 | 6.81 | 10.40 | 8.62 | 6.82 | 10.42 |
| REGION | | | | | | | |
| Central | 197 | 9.67 | 4.53 | 14.81 | 9.76 | 4.50 | 15.02 |
| Kansas City | 278 | 9.27 | 5.39 | 13.16 | 9.64 | 5.56 | 13.73 |
| Northeast | 147 | 6.62 | 1.32 | 11.93 | 6.25 | 1.45 | 11.06 |
| Northwest | 194 | 9.96 | 5.12 | 14.79 | 10.57 | 5.48 | 15.65 |
| Southeast | 149 | 12.00 | 6.29 | 17.71 | 11.52 | 5.82 | 17.23 |
| Southwest | 176 | 7.80 | 3.35 | 12.24 | 7.58 | 3.27 | 11.89 |
| St. Louis | 311 | 7.23 | 3.83 | 10.62 | 7.37 | 3.91 | 10.84 |
| GENDER | | | | | | | |
| Female | 692 | 6.41 | 4.37 | 8.45 | 6.46 | 4.41 | 8.50 |
| Male | 742 | 10.72 | 7.81 | 13.64 | 10.71 | 7.80 | 13.63 |
| RACE | | | | | | | |
| Black | 127 | 11.29 | 5.08 | 17.51 | 10.26 | 4.81 | 15.71 |
| Other | 103 | 9.90 | 4.22 | 15.58 | 11.85 | 5.48 | 18.22 |
| White | 1127 | 8.13 | 6.14 | 10.12 | 8.07 | 6.08 | 10.05 |
| Age | | | | | | | |
| Age 0-4 | 334 | 4.83 | 2.12 | 7.53 | . | . | . |
| Age 5-9 | 332 | 10.22 | 6.35 | 14.09 | . | . | . |
| Age 10-17 | 693 | 9.89 | 7.13 | 12.65 | . | . | . |
| INCOME | | | | | | | |
| <\$15,000 | 103 | 7.21 | 2.75 | 11.67 | 12.27 | 5.11 | 19.44 |
| \$15-24,999 | 205 | 10.42 | 5.43 | 15.40 | 14.72 | 8.38 | 21.06 |
| \$25-24,999 | 168 | 12.89 | 6.43 | 19.35 | 15.03 | 8.59 | 21.48 |
| \$35-49,999 | 255 | 6.25 | 3.04 | 9.46 | 8.98 | 5.24 | 12.72 |
| \$50-74,999 | 260 | 11.91 | 6.26 | 17.56 | 18.26 | 11.82 | 24.70 |
| \$75,000+ | 349 | 4.67 | 2.06 | 7.28 | 9.80 | 6.14 | 13.46 |

Definition: “Yes” and “No” response to the question “Has a doctor, nurse or other health professional EVER said that the child has asthma?” AND “Yes” response to “Does the child still have asthma?” [Among adults who earlier indicated there was a child or children in the home age 17 and under, one child was randomly selected about which asthma questions were asked. Overall prevalence was weighted to Missouri children age 17 and under. Reported income is household income.]

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Had pain, aching or stiffness in or around a joint during the past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.1 | 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 | 5176 | 45.08 | 42.96 | 47.21 | 44.47 | 42.35 | 46.58 |
| REGION | | | | | | | |
| Central | 651 | 46.40 | 41.19 | 51.60 | 46.79 | 41.92 | 51.66 |
| Kansas City | 917 | 44.19 | 40.20 | 48.19 | 43.31 | 39.46 | 47.17 |
| Northeast | 585 | 49.17 | 44.21 | 54.14 | 48.24 | 43.21 | 53.27 |
| Northwest | 666 | 45.70 | 40.59 | 50.81 | 46.40 | 41.66 | 51.15 |
| Southeast | 591 | 48.26 | 43.37 | 53.14 | 48.31 | 42.94 | 53.69 |
| Southwest | 639 | 44.26 | 39.47 | 49.05 | 43.03 | 38.41 | 47.65 |
| St. Louis | 1127 | 44.02 | 39.39 | 48.65 | 43.41 | 38.76 | 48.05 |
| GENDER | | | | | | | |
| Female | 3149 | 45.32 | 42.69 | 47.96 | 44.05 | 41.55 | 46.55 |
| Male | 2027 | 44.83 | 41.46 | 48.19 | 44.62 | 41.31 | 47.94 |
| RACE | | | | | | | |
| Black | 416 | 40.16 | 31.15 | 49.18 | 40.31 | 32.10 | 48.53 |
| Other | 281 | 43.29 | 34.57 | 52.00 | 44.46 | 36.75 | 52.17 |
| White | 4452 | 45.68 | 43.42 | 47.94 | 44.88 | 42.60 | 47.17 |
| EDUCATION | | | | | | | |
| <HS | 592 | 57.09 | 49.94 | 64.25 | 58.33 | 51.73 | 64.93 |
| HS | 1911 | 45.31 | 41.82 | 48.79 | 44.56 | 41.16 | 47.96 |
| >HS | 2666 | 42.51 | 39.71 | 45.32 | 41.80 | 38.88 | 44.72 |
| INCOME | | | | | | | |
| <\$15,000 | 584 | 60.45 | 52.99 | 67.91 | 60.40 | 53.40 | 67.40 |
| \$15-24,999 | 894 | 49.94 | 44.78 | 55.10 | 49.34 | 44.26 | 54.43 |
| \$25-24,999 | 668 | 45.47 | 39.67 | 51.27 | 44.33 | 39.22 | 49.44 |
| \$35-49,999 | 796 | 40.67 | 35.69 | 45.65 | 42.09 | 37.55 | 46.63 |
| \$50-74,999 | 749 | 43.66 | 38.69 | 48.63 | 41.60 | 36.28 | 46.92 |
| \$75,000+ | 861 | 38.62 | 33.82 | 43.43 | 39.29 | 33.21 | 45.38 |

Definition: “Yes” response to the question “During the past 30 days have you had symptoms of pain, aching or stiffness in or around a joint?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Had joint symptoms begin more than 3 months ago

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.2 | 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 | 2588 | 84.37 | 81.81 | 86.93 | 83.12 | 79.97 | 86.27 |
| REGION | | | | | | | |
| Central | 329 | 84.91 | 80.36 | 89.45 | 85.81 | 81.41 | 90.21 |
| Kansas City | 448 | 86.16 | 82.22 | 90.10 | 84.71 | 79.39 | 90.03 |
| Northeast | 308 | 87.55 | 83.04 | 92.05 | 86.29 | 80.54 | 92.05 |
| Northwest | 346 | 84.34 | 78.95 | 89.72 | 82.38 | 75.81 | 88.95 |
| Southeast | 309 | 85.41 | 80.61 | 90.21 | 84.15 | 78.00 | 90.31 |
| Southwest | 309 | 86.41 | 81.53 | 91.29 | 87.04 | 81.77 | 92.31 |
| St. Louis | 539 | 81.58 | 75.32 | 87.85 | 80.04 | 73.10 | 86.99 |
| GENDER | | | | | | | |
| Female | 1611 | 85.17 | 82.63 | 87.71 | 84.08 | 80.66 | 87.50 |
| Male | 977 | 83.51 | 78.96 | 88.06 | 82.69 | 78.13 | 87.25 |
| RACE | | | | | | | |
| Black | 184 | 83.69 | 75.84 | 91.54 | 84.96 | 78.77 | 91.15 |
| Other | 147 | 83.24 | 75.17 | 91.32 | 82.81 | 73.92 | 91.70 |
| White | 2246 | 84.61 | 81.78 | 87.44 | 82.95 | 79.36 | 86.54 |
| EDUCATION | | | | | | | |
| <HS | 339 | 88.79 | 80.42 | 97.17 | 90.92 | 85.62 | 96.22 |
| HS | 964 | 85.22 | 81.71 | 88.73 | 83.52 | 78.87 | 88.17 |
| >HS | 1281 | 82.62 | 78.92 | 86.33 | 80.72 | 75.57 | 85.86 |
| INCOME | | | | | | | |
| <\$15,000 | 377 | 90.52 | 87.17 | 93.87 | 90.02 | 86.01 | 94.03 |
| \$15-24,999 | 478 | 90.97 | 87.68 | 94.25 | 90.05 | 85.95 | 94.16 |
| \$25-24,999 | 341 | 82.91 | 76.09 | 89.73 | 80.40 | 72.68 | 88.13 |
| \$35-49,999 | 369 | 83.28 | 78.08 | 88.49 | 82.87 | 76.71 | 89.04 |
| \$50-74,999 | 332 | 85.84 | 81.39 | 90.29 | 86.51 | 81.60 | 91.42 |
| \$75,000+ | 373 | 78.65 | 70.54 | 86.76 | 74.47 | 67.06 | 81.89 |

Definition: “Yes” responses to “During the past 30 days, have you had symptoms of pain, aching, or stiffness in or around a joint?” AND “Did your joint symptoms first being more than 3 months ago?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Have seen a doctor or other health professional for joint symptoms

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.3 | 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 | 2220 | 71.51 | 68.62 | 74.40 | 69.94 | 66.32 | 73.56 |
| REGION | | | | | | | |
| Central | 279 | 70.35 | 62.77 | 77.93 | 68.29 | 59.85 | 76.72 |
| Kansas City | 389 | 71.45 | 65.73 | 77.17 | 69.85 | 62.68 | 77.03 |
| Northeast | 266 | 73.78 | 67.12 | 80.43 | 74.77 | 67.60 | 81.94 |
| Northwest | 302 | 70.96 | 64.31 | 77.61 | 65.65 | 57.43 | 73.86 |
| Southeast | 268 | 70.12 | 63.46 | 76.78 | 67.49 | 58.77 | 76.20 |
| Southwest | 273 | 64.00 | 56.35 | 71.65 | 60.42 | 51.12 | 69.72 |
| St. Louis | 443 | 75.59 | 69.55 | 81.64 | 75.98 | 69.59 | 82.37 |
| GENDER | | | | | | | |
| Female | 1383 | 72.66 | 69.18 | 76.14 | 71.68 | 67.13 | 76.24 |
| Male | 837 | 70.25 | 65.50 | 75.00 | 68.25 | 62.77 | 73.74 |
| RACE | | | | | | | |
| Black | 148 | 81.45 | 69.07 | 93.83 | 78.59 | 70.29 | 86.88 |
| Other | 124 | 69.03 | 55.41 | 82.66 | 67.88 | 54.67 | 81.09 |
| White | 1942 | 70.88 | 67.86 | 73.90 | 69.29 | 65.54 | 73.04 |
| EDUCATION | | | | | | | |
| <HS | 307 | 69.82 | 60.20 | 79.44 | 70.46 | 61.14 | 79.78 |
| HS | 832 | 70.02 | 65.44 | 74.60 | 67.39 | 61.38 | 73.41 |
| >HS | 1078 | 73.18 | 69.29 | 77.08 | 73.09 | 68.55 | 77.64 |
| INCOME | | | | | | | |
| <\$15,000 | 333 | 77.67 | 69.22 | 86.12 | 78.39 | 70.12 | 86.65 |
| \$15-24,999 | 425 | 76.24 | 70.52 | 81.95 | 73.64 | 66.53 | 80.74 |
| \$25-24,999 | 298 | 67.24 | 60.01 | 74.47 | 57.57 | 49.67 | 65.46 |
| \$35-49,999 | 305 | 71.97 | 64.85 | 79.08 | 73.05 | 65.82 | 80.28 |
| \$50-74,999 | 280 | 71.10 | 63.58 | 78.63 | 73.59 | 66.46 | 80.72 |
| \$75,000+ | 303 | 67.17 | 59.26 | 75.09 | 63.73 | 53.31 | 74.15 |

Definition: “Yes” response to the question “During the past 30 days have you had symptoms of pain, aching or stiffness in or around a joint?” AND “Yes” to “Did your joint symptoms first begin more than 3 months ago?” AND “Yes” to “Have you ever seen a doctor other health professional for these joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

**Have been told by a doctor or other health care professional that has some form of arthritis,
rheumatoid arthritis, gout, lupus, or fibromyalgia**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.4 | 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 | 5165 | 31.88 | 30.02 | 33.73 | 30.91 | 29.25 | 32.57 |
| REGION | | | | | | | |
| Central | 652 | 34.07 | 29.38 | 38.76 | 34.21 | 29.98 | 38.44 |
| Kansas City | 914 | 29.72 | 26.34 | 33.09 | 29.08 | 26.17 | 31.98 |
| Northeast | 582 | 34.82 | 30.41 | 39.22 | 32.84 | 28.84 | 36.84 |
| Northwest | 666 | 30.33 | 26.14 | 34.52 | 30.03 | 26.32 | 33.73 |
| Southeast | 587 | 35.69 | 31.19 | 40.19 | 34.36 | 29.40 | 39.31 |
| Southwest | 640 | 30.49 | 26.33 | 34.66 | 29.05 | 25.26 | 32.84 |
| St. Louis | 1124 | 31.66 | 27.62 | 35.70 | 30.86 | 27.30 | 34.41 |
| GENDER | | | | | | | |
| Female | 3141 | 34.95 | 32.52 | 37.37 | 32.89 | 30.73 | 35.04 |
| Male | 2024 | 28.62 | 25.82 | 31.42 | 28.69 | 26.17 | 31.21 |
| RACE | | | | | | | |
| Black | 414 | 27.78 | 21.29 | 34.28 | 28.71 | 23.72 | 33.69 |
| Other | 278 | 24.03 | 17.55 | 30.51 | 28.75 | 22.77 | 34.73 |
| White | 4445 | 32.89 | 30.87 | 34.91 | 31.43 | 29.58 | 33.29 |
| EDUCATION | | | | | | | |
| <HS | 591 | 34.19 | 28.21 | 40.18 | 35.26 | 29.99 | 40.53 |
| HS | 1899 | 34.12 | 30.97 | 37.27 | 31.82 | 29.01 | 34.64 |
| >HS | 2668 | 30.06 | 27.56 | 32.56 | 30.18 | 27.84 | 32.53 |
| INCOME | | | | | | | |
| <\$15,000 | 583 | 48.95 | 41.64 | 56.27 | 45.28 | 38.78 | 51.77 |
| \$15-24,999 | 891 | 40.36 | 35.48 | 45.24 | 37.88 | 33.40 | 42.36 |
| \$25-24,999 | 664 | 33.24 | 28.19 | 38.28 | 30.08 | 26.14 | 34.03 |
| \$35-49,999 | 797 | 29.12 | 24.66 | 33.59 | 31.16 | 27.10 | 35.22 |
| \$50-74,999 | 751 | 26.07 | 21.73 | 30.41 | 27.72 | 22.88 | 32.56 |
| \$75,000+ | 860 | 24.50 | 20.48 | 28.52 | 25.41 | 21.61 | 29.20 |

Definition: Among all respondents, “Yes” response to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Limited in usual activities because of arthritis or joint symptoms

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.5 | 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 | 2824 | 31.85 | 29.27 | 34.43 | 30.22 | 26.86 | 33.58 |
| REGION | | | | | | | |
| Central | 363 | 32.74 | 26.37 | 39.12 | 30.22 | 23.05 | 37.39 |
| Kansas City | 492 | 27.97 | 23.38 | 32.56 | 25.04 | 20.24 | 29.84 |
| Northeast | 342 | 33.78 | 27.77 | 39.79 | 31.31 | 23.87 | 38.76 |
| Northwest | 365 | 37.82 | 31.76 | 43.88 | 35.26 | 27.97 | 42.56 |
| Southeast | 335 | 40.19 | 33.99 | 46.39 | 35.67 | 29.39 | 41.95 |
| Southwest | 352 | 34.08 | 27.47 | 40.69 | 32.62 | 24.26 | 40.98 |
| St. Louis | 575 | 29.23 | 23.66 | 34.80 | 30.28 | 21.72 | 38.84 |
| GENDER | | | | | | | |
| Female | 1760 | 33.75 | 30.57 | 36.93 | 30.93 | 26.70 | 35.16 |
| Male | 1064 | 29.75 | 25.66 | 33.84 | 28.91 | 23.97 | 33.85 |
| RACE | | | | | | | |
| Black | 190 | 30.35 | 19.53 | 41.17 | 28.32 | 20.18 | 36.45 |
| Other | 145 | 44.50 | 32.29 | 56.70 | 45.39 | 32.91 | 57.87 |
| White | 2480 | 31.06 | 28.37 | 33.76 | 29.07 | 25.43 | 32.71 |
| EDUCATION | | | | | | | |
| <HS | 400 | 41.30 | 32.63 | 49.97 | 42.54 | 33.53 | 51.54 |
| HS | 1059 | 32.01 | 27.94 | 36.09 | 28.73 | 23.36 | 34.11 |
| >HS | 1360 | 29.31 | 25.78 | 32.84 | 28.33 | 23.40 | 33.25 |
| INCOME | | | | | | | |
| <\$15,000 | 418 | 57.18 | 49.05 | 65.31 | 56.24 | 46.31 | 66.17 |
| \$15-24,999 | 534 | 40.78 | 34.50 | 47.05 | 42.06 | 33.94 | 50.17 |
| \$25-24,999 | 376 | 29.35 | 23.21 | 35.49 | 26.27 | 19.37 | 33.16 |
| \$35-49,999 | 388 | 31.03 | 23.95 | 38.11 | 29.14 | 21.86 | 36.43 |
| \$50-74,999 | 360 | 22.53 | 16.72 | 28.34 | 19.97 | 15.33 | 24.61 |
| \$75,000+ | 381 | 23.05 | 17.17 | 28.92 | 24.99 | 15.39 | 34.59 |

Definition: “Yes” responses to “During the past 30 days, have you had symptoms of pain, aching, or stiffness in or around a joint?” AND “Did your joint symptoms first begin more than 3 months ago?” AND “Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?” OR “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Can do most or everything would like to do

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.6.1 | 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 | 1956 | 70.49 | 67.66 | 73.33 | 73.08 | 68.88 | 77.27 |
| REGION | | | | | | | |
| Central | 259 | 71.74 | 64.08 | 79.39 | 72.82 | 62.73 | 82.92 |
| Kansas City | 329 | 64.58 | 58.47 | 70.69 | 64.26 | 55.71 | 72.81 |
| Northeast | 241 | 69.04 | 62.61 | 75.47 | 77.09 | 71.04 | 83.14 |
| Northwest | 250 | 63.93 | 56.88 | 70.97 | 64.67 | 55.44 | 73.91 |
| Southeast | 247 | 57.30 | 49.86 | 64.74 | 53.61 | 43.96 | 63.26 |
| Southwest | 237 | 72.93 | 66.30 | 79.56 | 81.23 | 76.09 | 86.37 |
| St. Louis | 393 | 76.84 | 71.29 | 82.40 | 80.80 | 75.20 | 86.40 |
| GENDER | | | | | | | |
| Female | 1265 | 68.48 | 64.87 | 72.08 | 72.52 | 68.25 | 76.78 |
| Male | 691 | 73.12 | 68.51 | 77.72 | 73.11 | 65.27 | 80.94 |
| RACE | | | | | | | |
| Black | 133 | 59.84 | 47.82 | 71.85 | 57.43 | 45.03 | 69.82 |
| Other | 95 | 59.19 | 45.22 | 73.17 | 66.76 | 55.65 | 77.88 |
| White | 1720 | 71.86 | 68.88 | 74.83 | 74.57 | 70.16 | 78.99 |
| EDUCATION | | | | | | | |
| <HS | 278 | 50.67 | 42.13 | 59.21 | 60.23 | 52.26 | 68.20 |
| HS | 762 | 67.60 | 62.77 | 72.42 | 68.47 | 60.32 | 76.61 |
| >HS | 914 | 76.59 | 72.79 | 80.39 | 78.49 | 73.57 | 83.42 |
| INCOME | | | | | | | |
| <\$15,000 | 316 | 45.15 | 35.99 | 54.31 | 45.05 | 32.55 | 57.55 |
| \$15-24,999 | 383 | 60.17 | 53.31 | 67.03 | 62.56 | 54.85 | 70.27 |
| \$25-24,999 | 260 | 71.53 | 63.92 | 79.14 | 72.71 | 62.89 | 82.52 |
| \$35-49,999 | 267 | 79.01 | 72.40 | 85.63 | 82.98 | 76.79 | 89.18 |
| \$50-74,999 | 226 | 76.28 | 67.85 | 84.71 | 79.34 | 70.82 | 87.86 |
| \$75,000+ | 234 | 85.08 | 78.60 | 91.56 | 65.12 | 56.36 | 73.87 |

Definition: "Yes" response to the question "Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?" AND "Can do most things" AND "Can do everything would like to" responses to "Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?" I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

**Section 21 - Arthritis Burden:
Can do some things would like to do**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.6.2 | 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 | 1956 | 23.36 | 20.68 | 26.03 | 21.60 | 17.53 | 25.68 |
| REGION | | | | | | | |
| Central | 259 | 22.83 | 15.21 | 30.45 | 24.02 | 13.97 | 34.07 |
| Kansas City | 329 | 30.52 | 24.65 | 36.40 | 28.20 | 20.47 | 35.92 |
| Northeast | 241 | 25.13 | 19.19 | 31.08 | 18.06 | 12.65 | 23.47 |
| Northwest | 250 | 24.72 | 18.37 | 31.07 | 23.92 | 14.81 | 33.02 |
| Southeast | 247 | 29.95 | 22.21 | 37.68 | 34.43 | 24.88 | 43.99 |
| Southwest | 237 | 19.37 | 13.53 | 25.21 | 12.34 | 8.44 | 16.24 |
| St. Louis | 393 | 19.34 | 14.14 | 24.54 | 16.62 | 11.18 | 22.06 |
| GENDER | | | | | | | |
| Female | 1265 | 25.84 | 22.39 | 29.29 | 22.94 | 18.84 | 27.03 |
| Male | 691 | 20.12 | 15.93 | 24.31 | 20.58 | 13.02 | 28.14 |
| RACE | | | | | | | |
| Black | 133 | 35.58 | 23.63 | 47.54 | 39.50 | 27.03 | 51.97 |
| Other | 95 | 25.77 | 14.10 | 37.44 | 20.31 | 9.54 | 31.08 |
| White | 1720 | 22.36 | 19.55 | 25.16 | 20.42 | 16.14 | 24.70 |
| EDUCATION | | | | | | | |
| <HS | 278 | 36.37 | 27.98 | 44.75 | 28.51 | 21.36 | 35.65 |
| HS | 762 | 26.03 | 21.43 | 30.63 | 26.13 | 18.43 | 33.83 |
| >HS | 914 | 18.83 | 15.37 | 22.30 | 17.43 | 12.73 | 22.13 |
| INCOME | | | | | | | |
| <\$15,000 | 316 | 39.34 | 30.53 | 48.16 | 41.60 | 29.30 | 53.91 |
| \$15-24,999 | 383 | 27.34 | 21.54 | 33.15 | 25.02 | 18.06 | 31.98 |
| \$25-24,999 | 260 | 23.21 | 15.82 | 30.59 | 22.56 | 12.63 | 32.49 |
| \$35-49,999 | 267 | 19.10 | 12.65 | 25.54 | 15.63 | 9.54 | 21.72 |
| \$50-74,999 | 226 | 22.75 | 14.35 | 31.14 | 20.00 | 11.49 | 28.51 |
| \$75,000+ | 234 | 13.81 | 7.45 | 20.17 | 16.83 | 8.13 | 25.53 |

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Can do some things” response to “Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?” I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Can hardly do anything would like to do

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 21.6.3 | 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 | 1956 | 6.15 | 4.86 | 7.44 | 5.32 | 3.85 | 6.80 |
| REGION | | | | | | | |
| Central | 259 | 5.43 | 2.63 | 8.24 | 3.16 | 1.59 | 4.74 |
| Kansas City | 329 | 4.90 | 2.20 | 7.60 | 7.54 | 0.95 | 14.13 |
| Northeast | 241 | 5.82 | 2.55 | 9.09 | 4.85 | 1.05 | 8.65 |
| Northwest | 250 | 11.35 | 6.69 | 16.01 | 11.41 | 4.68 | 18.14 |
| Southeast | 247 | 12.75 | 7.89 | 17.61 | 11.96 | 6.17 | 17.74 |
| Southwest | 237 | 7.70 | 3.83 | 11.57 | 6.43 | 2.55 | 10.31 |
| St. Louis | 393 | 3.82 | 1.57 | 6.07 | 2.58 | 0.95 | 4.21 |
| GENDER | | | | | | | |
| Female | 1265 | 5.68 | 4.25 | 7.11 | 4.55 | 3.09 | 6.01 |
| Male | 691 | 6.76 | 4.40 | 9.13 | 6.31 | 3.53 | 9.10 |
| RACE | | | | | | | |
| Black | 133 | 4.58 | 1.38 | 7.77 | 3.07 | 0.50 | 5.65 |
| Other | 95 | 15.04 | 3.55 | 26.52 | 12.93 | 1.94 | 23.91 |
| White | 1720 | 5.79 | 4.51 | 7.07 | 5.01 | 3.52 | 6.50 |
| EDUCATION | | | | | | | |
| <HS | 278 | 12.96 | 8.06 | 17.87 | 11.26 | 5.35 | 17.18 |
| HS | 762 | 6.37 | 4.31 | 8.44 | 5.40 | 2.47 | 8.34 |
| >HS | 914 | 4.58 | 2.83 | 6.32 | 4.08 | 2.37 | 5.79 |
| INCOME | | | | | | | |
| <\$15,000 | 316 | 15.50 | 10.56 | 20.45 | 13.34 | 7.54 | 19.14 |
| \$15-24,999 | 383 | 12.49 | 7.58 | 17.40 | 12.42 | 6.67 | 18.16 |
| \$25-24,999 | 260 | 5.26 | 2.35 | 8.18 | 4.73 | 0.77 | 8.70 |
| \$35-49,999 | 267 | 1.89 | 0.19 | 3.59 | 1.39 | 0.06 | 2.71 |
| \$50-74,999 | 226 | 0.98 | -0.06 | 2.01 | 0.66 | -0.05 | 1.38 |
| \$75,000+ | 234 | 1.12 | -0.50 | 2.73 | 1.03 | -0.27 | 2.32 |

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Can hardly do anything” response to “Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?” I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 21 - Arthritis Burden:

Ever taken an education course or class to learn how to manage arthritis or joint symptoms

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table sarth2 | N | Crude Prevalence % | Crude 95% Lower CI | Crude 95% Upper CI | Age-Adj Prevalence % | Age-Adj 95% Lower CI | Age-Adj 95% Upper CI |
|---------------------|----------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| OVERALL | 1955 | 12.98 | 10.69 | 15.26 | 14.04 | 10.06 | 18.02 |
| REGION | | | | | | | |
| Central | 259 | 14.51 | 7.20 | 21.82 | 18.63 | 8.20 | 29.06 |
| Kansas City | 328 | 14.74 | 9.88 | 19.59 | 13.28 | 6.86 | 19.71 |
| Northeast | 241 | 10.24 | 5.63 | 14.85 | 11.03 | 3.20 | 18.85 |
| Northwest | 250 | 12.13 | 7.37 | 16.90 | 13.44 | 5.16 | 21.72 |
| Southeast | 247 | 15.56 | 8.47 | 22.64 | 21.83 | 13.42 | 30.24 |
| Southwest | 237 | 12.42 | 7.59 | 17.25 | 10.83 | 4.76 | 16.90 |
| St. Louis | 393 | 11.49 | 7.14 | 15.84 | 10.74 | 5.50 | 15.98 |
| GENDER | | | | | | | |
| Female | 1264 | 14.43 | 11.60 | 17.26 | 14.67 | 10.34 | 18.99 |
| Male | 691 | 11.08 | 7.36 | 14.80 | 14.75 | 7.26 | 22.23 |
| RACE | | | | | | | |
| Black | 133 | 16.77 | 6.80 | 26.73 | 15.00 | 5.72 | 24.28 |
| Other | 95 | 21.20 | 8.19 | 34.20 | 15.81 | 5.38 | 26.24 |
| White | 1719 | 12.30 | 9.95 | 14.66 | 13.80 | 9.56 | 18.04 |
| EDUCATION | | | | | | | |
| <HS | 278 | 7.92 | 3.47 | 12.38 | 7.98 | 2.06 | 13.90 |
| HS | 762 | 8.48 | 5.17 | 11.79 | 10.68 | 4.27 | 17.10 |
| >HS | 913 | 17.10 | 13.55 | 20.66 | 16.94 | 11.93 | 21.95 |
| INCOME | | | | | | | |
| <\$15,000 | 316 | 11.30 | 4.91 | 17.70 | 17.10 | 5.68 | 28.52 |
| \$15-24,999 | 383 | 16.92 | 11.27 | 22.58 | 15.15 | 9.51 | 20.79 |
| \$25-24,999 | 260 | 9.55 | 4.63 | 14.48 | 23.25 | 16.56 | 29.95 |
| \$35-49,999 | 266 | 15.81 | 9.38 | 22.24 | 15.81 | 7.88 | 23.74 |
| \$50-74,999 | 226 | 11.52 | 5.94 | 17.10 | 8.45 | 4.53 | 12.37 |
| \$75,000+ | 234 | 14.09 | 7.42 | 20.77 | 12.75 | 5.01 | 20.48 |

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Yes” response to “Have you ever taken an education course or class to teach you how to manage problems related to your arthritis or joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 22 - Gastrointestinal Disease:
Had diarrhea in past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 22.1 | 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 | 4988 | 17.68 | 16.09 | 19.26 | 17.82 | 16.19 | 19.45 |
| REGION | | | | | | | |
| Central | 638 | 19.93 | 15.49 | 24.37 | 19.90 | 15.62 | 24.18 |
| Kansas City | 885 | 17.88 | 14.78 | 20.98 | 17.91 | 14.81 | 21.00 |
| Northeast | 566 | 20.54 | 16.13 | 24.95 | 20.52 | 16.04 | 25.00 |
| Northwest | 641 | 19.26 | 14.51 | 24.01 | 19.37 | 15.07 | 23.66 |
| Southeast | 551 | 17.81 | 14.16 | 21.46 | 18.51 | 14.36 | 22.66 |
| Southwest | 616 | 18.26 | 14.06 | 22.46 | 18.36 | 14.11 | 22.60 |
| St. Louis | 1091 | 15.97 | 12.81 | 19.13 | 15.98 | 12.81 | 19.16 |
| GENDER | | | | | | | |
| Female | 3023 | 17.75 | 15.74 | 19.76 | 17.83 | 15.75 | 19.92 |
| Male | 1965 | 17.60 | 15.12 | 20.08 | 17.71 | 15.21 | 20.21 |
| RACE | | | | | | | |
| Black | 395 | 14.59 | 9.75 | 19.43 | 14.76 | 9.91 | 19.61 |
| Other | 267 | 21.55 | 13.88 | 29.23 | 21.08 | 14.12 | 28.04 |
| White | 4299 | 17.64 | 15.94 | 19.34 | 17.82 | 16.06 | 19.58 |
| EDUCATION | | | | | | | |
| <HS | 560 | 20.46 | 14.71 | 26.21 | 20.39 | 14.65 | 26.13 |
| HS | 1831 | 16.96 | 14.34 | 19.59 | 17.61 | 14.78 | 20.44 |
| >HS | 2590 | 17.63 | 15.52 | 19.74 | 17.22 | 15.15 | 19.28 |
| INCOME | | | | | | | |
| <\$15,000 | 563 | 26.08 | 19.78 | 32.38 | 29.38 | 22.29 | 36.46 |
| \$15-24,999 | 865 | 18.42 | 14.78 | 22.06 | 18.85 | 15.00 | 22.69 |
| \$25-24,999 | 647 | 18.45 | 13.92 | 22.99 | 18.00 | 13.80 | 22.20 |
| \$35-49,999 | 768 | 17.76 | 13.55 | 21.97 | 18.03 | 13.87 | 22.19 |
| \$50-74,999 | 725 | 19.87 | 15.41 | 24.33 | 19.32 | 14.56 | 24.07 |
| \$75,000+ | 840 | 15.54 | 12.39 | 18.69 | 14.14 | 10.94 | 17.35 |

Definition: "Yes" response to the question "In the past 30 days, did you have diarrhea that began with the 30-day period? Diarrhea is defined as 3 or more loose stools or bowel movements in a 24-hour period?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 22 - Gastrointestinal Disease:

Visited a doctor or other health professional because of diarrhea

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 22.2 | 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 | 913 | 10.90 | 8.11 | 13.70 | 10.86 | 8.09 | 13.64 |
| REGION | | | | | | | |
| Central | 118 | 10.42 | 4.95 | 15.89 | 11.49 | 5.68 | 17.30 |
| Kansas City | 160 | 14.89 | 8.00 | 21.78 | 17.52 | 9.18 | 25.85 |
| Northeast | 110 | 10.19 | 4.61 | 15.76 | 10.22 | 4.58 | 15.86 |
| Northwest | 117 | 8.51 | 3.21 | 13.80 | 9.64 | 4.20 | 15.08 |
| Southeast | 106 | 6.98 | 2.67 | 11.29 | 5.37 | 1.89 | 8.86 |
| Southwest | 104 | 11.74 | 4.27 | 19.22 | 11.47 | 5.13 | 17.81 |
| St. Louis | 198 | 9.89 | 3.81 | 15.97 | 9.55 | 3.70 | 15.40 |
| GENDER | | | | | | | |
| Female | 560 | 11.52 | 7.96 | 15.07 | 10.74 | 7.46 | 14.02 |
| Male | 353 | 10.24 | 5.84 | 14.64 | 11.09 | 6.54 | 15.63 |
| RACE | | | | | | | |
| Black | 65 | 7.47 | -0.73 | 15.68 | 6.93 | -0.32 | 14.19 |
| Other | 56 | 14.42 | 1.66 | 27.18 | 18.61 | 10.02 | 27.20 |
| White | 788 | 10.69 | 7.75 | 13.64 | 10.60 | 7.60 | 13.60 |
| EDUCATION | | | | | | | |
| <HS | 109 | 14.15 | 4.97 | 23.33 | 18.08 | 8.58 | 27.58 |
| HS | 333 | 11.87 | 7.12 | 16.63 | 11.34 | 7.36 | 15.33 |
| >HS | 471 | 9.66 | 5.97 | 13.34 | 9.26 | 5.76 | 12.76 |
| INCOME | | | | | | | |
| <\$15,000 | 149 | 15.21 | 6.06 | 24.36 | 14.79 | 7.62 | 21.96 |
| \$15-24,999 | 174 | 16.05 | 7.65 | 24.46 | 16.61 | 8.27 | 24.95 |
| \$25-24,999 | 116 | 12.97 | 4.36 | 21.59 | 10.38 | 4.25 | 16.50 |
| \$35-49,999 | 127 | 3.55 | 0.63 | 6.46 | 4.05 | 0.75 | 7.36 |
| \$50-74,999 | 131 | 7.22 | 2.96 | 11.48 | 11.20 | 5.40 | 17.00 |
| \$75,000+ | 145 | 11.92 | 4.38 | 19.46 | 15.59 | 5.26 | 25.92 |

Definition: “Yes” response to the question “Did you visit a doctor, nurse or other health professional for this diarrheal illness? Do not answer yes if just telephone contact.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 22 - Gastrointestinal Disease:
Provided a stool sample to health professional for testing

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 22.3 | 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 | 120 | 48.17 | 35.49 | 60.85 | 46.95 | 35.46 | 58.44 |
| REGION | | | | | | | |
| Central | -- | -- | -- | -- | -- | -- | -- |
| Kansas City | -- | -- | -- | -- | -- | -- | -- |
| Northeast | -- | -- | -- | -- | -- | -- | -- |
| Northwest | -- | -- | -- | -- | -- | -- | -- |
| Southeast | -- | -- | -- | -- | -- | -- | -- |
| Southwest | -- | -- | -- | -- | -- | -- | -- |
| St. Louis | -- | -- | -- | -- | -- | -- | - |
| GENDER | | | | | | | |
| Female | 80 | 51.87 | 36.99 | 66.76 | 39.07 | 29.19 | 48.94 |
| Male | -- | -- | -- | -- | -- | -- | -- |
| RACE | | | | | | | |
| Black | -- | -- | -- | -- | -- | -- | -- |
| Other | -- | -- | -- | -- | -- | -- | -- |
| White | 104 | 48.82 | 35.69 | 61.95 | 13.89 | 9.39 | 18.39 |
| EDUCATION | | | | | | | |
| <HS | -- | -- | -- | -- | -- | -- | -- |
| HS | -- | -- | -- | -- | -- | -- | -- |
| >HS | 55 | 59.49 | 43.53 | 75.44 | 13.53 | 7.66 | 19.41 |
| 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 sufficient to report.

Definition: "Yes" response to the question "When you visited your health care professional, did you provide a stool sample for testing?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

**Section 23 - Emotional Support and Life Satisfaction:
Always or usually gets social and emotional support needed**

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 23.1.1 | 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 | 4982 | 80.62 | 78.94 | 82.30 | 80.62 | 78.89 | 82.35 |
| REGION | | | | | | | |
| Central | 636 | 84.20 | 80.21 | 88.18 | 84.03 | 80.14 | 87.92 |
| Kansas City | 886 | 78.97 | 75.47 | 82.46 | 78.95 | 75.38 | 82.52 |
| Northeast | 563 | 79.11 | 75.17 | 83.05 | 79.22 | 75.19 | 83.25 |
| Northwest | 639 | 83.27 | 79.62 | 86.92 | 83.33 | 79.78 | 86.87 |
| Southeast | 551 | 78.60 | 74.69 | 82.51 | 78.78 | 74.55 | 83.00 |
| Southwest | 612 | 78.72 | 74.46 | 82.99 | 78.69 | 74.46 | 82.93 |
| St. Louis | 1095 | 81.53 | 78.06 | 84.99 | 81.48 | 77.81 | 85.15 |
| GENDER | | | | | | | |
| Female | 3034 | 81.72 | 79.59 | 83.85 | 81.75 | 79.53 | 83.97 |
| Male | 1948 | 79.43 | 76.81 | 82.06 | 79.35 | 76.65 | 82.04 |
| RACE | | | | | | | |
| Black | 398 | 67.74 | 60.20 | 75.28 | 67.64 | 60.31 | 74.97 |
| Other | 264 | 75.38 | 67.93 | 82.83 | 75.57 | 68.98 | 82.17 |
| White | 4297 | 82.19 | 80.44 | 83.94 | 82.24 | 80.41 | 84.07 |
| EDUCATION | | | | | | | |
| <HS | 558 | 61.26 | 54.63 | 67.89 | 59.74 | 53.04 | 66.44 |
| HS | 1819 | 76.61 | 73.44 | 79.77 | 76.60 | 73.42 | 79.79 |
| >HS | 2598 | 86.49 | 84.61 | 88.37 | 86.78 | 84.84 | 88.71 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 57.05 | 50.04 | 64.06 | 56.00 | 48.56 | 63.44 |
| \$15-24,999 | 863 | 74.54 | 70.20 | 78.89 | 74.09 | 69.63 | 78.56 |
| \$25-24,999 | 647 | 78.63 | 73.96 | 83.30 | 77.58 | 72.66 | 82.50 |
| \$35-49,999 | 770 | 82.43 | 78.68 | 86.17 | 81.82 | 78.12 | 85.51 |
| \$50-74,999 | 726 | 86.42 | 82.85 | 89.98 | 86.98 | 83.56 | 90.39 |
| \$75,000+ | 842 | 90.83 | 87.96 | 93.71 | 91.01 | 87.91 | 94.12 |

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, 2007
Section 23 - Emotional Support and Life Satisfaction:
Sometimes gets social and emotional support needed

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 23.1.2 | 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 | 4982 | 12.19 | 10.78 | 13.60 | 12.19 | 10.74 | 13.64 |
| REGION | | | | | | | |
| Central | 636 | 9.63 | 6.34 | 12.92 | 9.49 | 6.47 | 12.50 |
| Kansas City | 886 | 13.18 | 10.21 | 16.15 | 13.21 | 10.17 | 16.26 |
| Northeast | 563 | 13.90 | 10.43 | 17.38 | 13.89 | 10.30 | 17.49 |
| Northwest | 639 | 11.10 | 8.01 | 14.20 | 11.32 | 8.32 | 14.32 |
| Southeast | 551 | 10.59 | 7.84 | 13.34 | 10.85 | 7.86 | 13.84 |
| Southwest | 612 | 12.31 | 8.84 | 15.78 | 12.24 | 8.81 | 15.67 |
| St. Louis | 1095 | 12.81 | 9.83 | 15.80 | 12.80 | 9.63 | 15.97 |
| GENDER | | | | | | | |
| Female | 3034 | 12.01 | 10.15 | 13.87 | 12.08 | 10.14 | 14.01 |
| Male | 1948 | 12.38 | 10.24 | 14.53 | 12.34 | 10.17 | 14.52 |
| RACE | | | | | | | |
| Black | 398 | 22.44 | 16.03 | 28.84 | 22.66 | 16.51 | 28.82 |
| Other | 264 | 9.84 | 5.54 | 14.13 | 10.96 | 6.43 | 15.49 |
| White | 4297 | 11.51 | 10.00 | 13.03 | 11.53 | 9.94 | 13.11 |
| EDUCATION | | | | | | | |
| <HS | 558 | 20.04 | 14.64 | 25.43 | 20.14 | 14.59 | 25.69 |
| HS | 1819 | 15.71 | 12.80 | 18.63 | 15.72 | 12.83 | 18.61 |
| >HS | 2598 | 8.69 | 7.23 | 10.15 | 8.36 | 6.97 | 9.76 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 22.02 | 15.98 | 28.06 | 22.06 | 15.76 | 28.35 |
| \$15-24,999 | 863 | 15.71 | 12.30 | 19.11 | 16.17 | 12.66 | 19.69 |
| \$25-24,999 | 647 | 13.41 | 9.46 | 17.37 | 14.50 | 10.23 | 18.77 |
| \$35-49,999 | 770 | 10.36 | 7.53 | 13.19 | 10.62 | 7.79 | 13.46 |
| \$50-74,999 | 726 | 9.69 | 6.56 | 12.83 | 8.87 | 6.07 | 11.67 |
| \$75,000+ | 842 | 6.38 | 4.05 | 8.72 | 6.24 | 3.64 | 8.83 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007
Section 23 - Emotional Support and Life Satisfaction:
Rarely or never gets social and emotional support needed

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 23.1.3 | 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 | 4982 | 7.19 | 6.13 | 8.24 | 7.19 | 6.09 | 8.29 |
| REGION | | | | | | | |
| Central | 636 | 6.17 | 3.61 | 8.74 | 6.48 | 3.74 | 9.22 |
| Kansas City | 886 | 7.85 | 5.62 | 10.08 | 7.83 | 5.60 | 10.07 |
| Northeast | 563 | 6.98 | 4.82 | 9.15 | 6.89 | 4.68 | 9.10 |
| Northwest | 639 | 5.62 | 3.54 | 7.71 | 5.35 | 3.30 | 7.41 |
| Southeast | 551 | 10.81 | 7.75 | 13.87 | 10.37 | 7.09 | 13.65 |
| Southwest | 612 | 8.96 | 5.83 | 12.09 | 9.06 | 5.93 | 12.19 |
| St. Louis | 1095 | 5.66 | 3.66 | 7.66 | 5.72 | 3.59 | 7.84 |
| GENDER | | | | | | | |
| Female | 3034 | 6.27 | 5.04 | 7.50 | 6.17 | 4.90 | 7.45 |
| Male | 1948 | 8.18 | 6.43 | 9.94 | 8.31 | 6.48 | 10.14 |
| RACE | | | | | | | |
| Black | 398 | 9.82 | 4.44 | 15.21 | 9.70 | 4.52 | 14.88 |
| Other | 264 | 14.78 | 8.33 | 21.24 | 13.46 | 8.37 | 18.56 |
| White | 4297 | 6.30 | 5.28 | 7.32 | 6.24 | 5.17 | 7.31 |
| EDUCATION | | | | | | | |
| <HS | 558 | 18.70 | 13.43 | 23.97 | 20.12 | 14.68 | 25.56 |
| HS | 1819 | 7.68 | 6.04 | 9.32 | 7.68 | 5.97 | 9.38 |
| >HS | 2598 | 4.82 | 3.55 | 6.09 | 4.86 | 3.45 | 6.27 |
| INCOME | | | | | | | |
| <\$15,000 | 556 | 20.93 | 15.01 | 26.86 | 21.94 | 15.61 | 28.28 |
| \$15-24,999 | 863 | 9.75 | 6.61 | 12.90 | 9.74 | 6.58 | 12.90 |
| \$25-24,999 | 647 | 7.96 | 5.12 | 10.80 | 7.92 | 4.98 | 10.86 |
| \$35-49,999 | 770 | 7.22 | 4.54 | 9.89 | 7.56 | 4.80 | 10.32 |
| \$50-74,999 | 726 | 3.89 | 1.96 | 5.82 | 4.15 | 2.05 | 6.26 |
| \$75,000+ | 842 | 2.78 | 0.98 | 4.59 | 2.75 | 0.99 | 4.51 |

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, 2007
Section 23 - Emotional Support and Life Satisfaction:
Very satisfied or satisfied with their life

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 23.2.1 | 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 | 5005 | 93.60 | 92.65 | 94.55 | 93.54 | 92.56 | 94.52 |
| REGION | | | | | | | |
| Central | 635 | 94.83 | 92.21 | 97.44 | 94.91 | 92.61 | 97.22 |
| Kansas City | 892 | 91.97 | 89.59 | 94.36 | 91.90 | 89.47 | 94.33 |
| Northeast | 567 | 94.60 | 92.50 | 96.70 | 93.97 | 91.60 | 96.35 |
| Northwest | 641 | 93.99 | 91.39 | 96.59 | 94.07 | 91.58 | 96.57 |
| Southeast | 556 | 90.83 | 87.56 | 94.10 | 90.30 | 86.45 | 94.16 |
| Southwest | 620 | 93.38 | 91.19 | 95.58 | 93.10 | 90.76 | 95.44 |
| St. Louis | 1094 | 94.74 | 93.05 | 96.43 | 94.79 | 93.04 | 96.54 |
| GENDER | | | | | | | |
| Female | 3031 | 93.49 | 92.17 | 94.82 | 93.41 | 92.04 | 94.78 |
| Male | 1974 | 93.72 | 92.36 | 95.08 | 93.66 | 92.27 | 95.06 |
| RACE | | | | | | | |
| Black | 394 | 89.99 | 85.58 | 94.41 | 89.83 | 85.32 | 94.33 |
| Other | 267 | 89.58 | 85.12 | 94.03 | 90.19 | 86.17 | 94.20 |
| White | 4318 | 94.20 | 93.21 | 95.18 | 94.16 | 93.13 | 95.19 |
| EDUCATION | | | | | | | |
| <HS | 558 | 88.49 | 84.77 | 92.21 | 87.54 | 83.41 | 91.67 |
| HS | 1839 | 92.84 | 90.91 | 94.77 | 92.83 | 90.96 | 94.70 |
| >HS | 2601 | 94.98 | 93.96 | 96.00 | 95.17 | 94.18 | 96.16 |
| INCOME | | | | | | | |
| <\$15,000 | 561 | 79.17 | 73.25 | 85.09 | 77.05 | 70.59 | 83.52 |
| \$15-24,999 | 866 | 90.65 | 87.84 | 93.46 | 89.24 | 86.03 | 92.45 |
| \$25-24,999 | 650 | 91.31 | 88.20 | 94.42 | 89.93 | 86.42 | 93.43 |
| \$35-49,999 | 773 | 95.19 | 93.32 | 97.06 | 95.06 | 93.12 | 96.99 |
| \$50-74,999 | 729 | 97.28 | 95.81 | 98.75 | 97.28 | 95.80 | 98.75 |
| \$75,000+ | 844 | 98.02 | 97.01 | 99.02 | 98.27 | 97.38 | 99.17 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 23 - Emotional Support and Life Satisfaction:

Dissatisfied or very dissatisfied with their life

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 23.2.2 | 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 | 5005 | 6.40 | 5.45 | 7.35 | 6.46 | 5.48 | 7.44 |
| REGION | | | | | | | |
| Central | 635 | 5.17 | 2.56 | 7.79 | 5.09 | 2.78 | 7.39 |
| Kansas City | 892 | 8.03 | 5.64 | 10.41 | 8.10 | 5.67 | 10.53 |
| Northeast | 567 | 5.40 | 3.30 | 7.50 | 6.03 | 3.65 | 8.40 |
| Northwest | 641 | 6.01 | 3.41 | 8.61 | 5.93 | 3.43 | 8.42 |
| Southeast | 556 | 9.17 | 5.90 | 12.44 | 9.70 | 5.84 | 13.55 |
| Southwest | 620 | 6.62 | 4.42 | 8.81 | 6.90 | 4.56 | 9.24 |
| St. Louis | 1094 | 5.26 | 3.57 | 6.95 | 5.21 | 3.46 | 6.96 |
| GENDER | | | | | | | |
| Female | 3031 | 6.51 | 5.18 | 7.83 | 6.59 | 5.22 | 7.96 |
| Male | 1974 | 6.28 | 4.92 | 7.64 | 6.34 | 4.94 | 7.73 |
| RACE | | | | | | | |
| Black | 394 | 10.01 | 5.59 | 14.42 | 10.17 | 5.67 | 14.68 |
| Other | 267 | 10.42 | 5.97 | 14.88 | 9.81 | 5.80 | 13.83 |
| White | 4318 | 5.80 | 4.82 | 6.79 | 5.84 | 4.81 | 6.87 |
| EDUCATION | | | | | | | |
| <HS | 558 | 11.51 | 7.79 | 15.23 | 12.46 | 8.33 | 16.59 |
| HS | 1839 | 7.16 | 5.23 | 9.09 | 7.17 | 5.30 | 9.04 |
| >HS | 2601 | 5.02 | 4.00 | 6.04 | 4.83 | 3.84 | 5.82 |
| INCOME | | | | | | | |
| <\$15,000 | 561 | 20.83 | 14.91 | 26.75 | 22.95 | 16.48 | 29.41 |
| \$15-24,999 | 866 | 9.35 | 6.54 | 12.16 | 10.76 | 7.55 | 13.97 |
| \$25-24,999 | 650 | 8.69 | 5.58 | 11.80 | 10.07 | 6.57 | 13.58 |
| \$35-49,999 | 773 | 4.81 | 2.94 | 6.68 | 4.94 | 3.01 | 6.88 |
| \$50-74,999 | 729 | 2.72 | 1.25 | 4.19 | 2.72 | 1.25 | 4.20 |
| \$75,000+ | 844 | 1.98 | 0.98 | 2.99 | 1.73 | 0.83 | 2.62 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.1 | 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 | 4915 | 2.38 | 1.77 | 2.98 | 2.40 | 1.78 | 3.02 |
| REGION | | | | | | | |
| Central | 627 | 1.71 | 0.72 | 2.70 | 1.86 | 0.78 | 2.94 |
| Kansas City | 868 | 3.59 | 1.73 | 5.45 | 3.66 | 1.76 | 5.56 |
| Northeast | 561 | 2.19 | 0.91 | 3.47 | 2.40 | 0.92 | 3.89 |
| Northwest | 632 | 2.06 | 0.88 | 3.25 | 2.21 | 0.94 | 3.49 |
| Southeast | 548 | 4.87 | 1.65 | 8.10 | 5.58 | 1.25 | 9.90 |
| Southwest | 604 | 1.71 | 0.46 | 2.96 | 1.74 | 0.46 | 3.02 |
| St. Louis | 1075 | 1.64 | 0.81 | 2.47 | 1.53 | 0.77 | 2.29 |
| GENDER | | | | | | | |
| Female | 2980 | 2.44 | 1.64 | 3.24 | 2.51 | 1.66 | 3.35 |
| Male | 1935 | 2.31 | 1.39 | 3.22 | 2.28 | 1.37 | 3.18 |
| RACE | | | | | | | |
| Black | 388 | 1.09 | 0.34 | 1.84 | 1.07 | 0.34 | 1.81 |
| Other | 264 | 6.44 | 2.26 | 10.63 | 6.27 | 2.27 | 10.26 |
| White | 4238 | 2.16 | 1.55 | 2.78 | 2.17 | 1.54 | 2.81 |
| EDUCATION | | | | | | | |
| <HS | 543 | 4.49 | 2.18 | 6.80 | 5.70 | 2.70 | 8.70 |
| HS | 1804 | 3.52 | 2.11 | 4.93 | 3.55 | 2.15 | 4.96 |
| >HS | 2561 | 1.32 | 0.80 | 1.85 | 1.27 | 0.74 | 1.81 |
| INCOME | | | | | | | |
| <\$15,000 | 551 | 9.57 | 5.32 | 13.82 | 10.17 | 5.98 | 14.37 |
| \$15-24,999 | 852 | 4.35 | 2.26 | 6.43 | 5.11 | 2.70 | 7.52 |
| \$25-24,999 | 640 | 3.47 | 1.21 | 5.72 | 3.52 | 1.34 | 5.70 |
| \$35-49,999 | 760 | 0.44 | 0.08 | 0.80 | 0.44 | 0.09 | 0.80 |
| \$50-74,999 | 716 | 0.60 | -0.08 | 1.28 | 0.53 | -0.07 | 1.12 |
| \$75,000+ | 828 | 0.41 | 0.07 | 0.74 | 0.43 | 0.06 | 0.81 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.2 | 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 | 4915 | 8.43 | 7.11 | 9.75 | 8.62 | 7.26 | 9.98 |
| REGION | | | | | | | |
| Central | 627 | 7.50 | 3.91 | 11.09 | 7.48 | 4.07 | 10.89 |
| Kansas City | 868 | 10.25 | 7.47 | 13.02 | 10.48 | 7.59 | 13.37 |
| Northeast | 560 | 9.06 | 5.97 | 12.15 | 9.66 | 6.25 | 13.07 |
| Northwest | 637 | 6.72 | 4.01 | 9.42 | 6.90 | 4.24 | 9.56 |
| Southeast | 544 | 11.07 | 7.38 | 14.77 | 12.61 | 7.83 | 17.39 |
| Southwest | 604 | 9.54 | 6.05 | 13.03 | 9.67 | 6.18 | 13.16 |
| St. Louis | 1075 | 6.73 | 4.17 | 9.30 | 6.87 | 4.11 | 9.63 |
| GENDER | | | | | | | |
| Female | 2979 | 8.13 | 6.30 | 9.96 | 8.40 | 6.52 | 10.28 |
| Male | 1936 | 8.75 | 6.84 | 10.67 | 8.82 | 6.88 | 10.76 |
| RACE | | | | | | | |
| Black | 387 | 7.28 | 3.89 | 10.67 | 7.30 | 3.84 | 10.76 |
| Other | 261 | 18.62 | 9.02 | 28.22 | 15.06 | 9.21 | 20.91 |
| White | 4244 | 7.76 | 6.48 | 9.04 | 7.99 | 6.63 | 9.35 |
| EDUCATION | | | | | | | |
| <HS | 539 | 19.25 | 13.43 | 25.06 | 20.39 | 14.56 | 26.21 |
| HS | 1809 | 9.55 | 6.85 | 12.25 | 9.69 | 7.13 | 12.26 |
| >HS | 2560 | 5.82 | 4.52 | 7.12 | 5.87 | 4.52 | 7.23 |
| INCOME | | | | | | | |
| <\$15,000 | 551 | 27.69 | 20.10 | 35.28 | 32.85 | 25.41 | 40.29 |
| \$15-24,999 | 852 | 11.12 | 8.05 | 14.20 | 12.50 | 9.00 | 15.99 |
| \$25-24,999 | 640 | 8.44 | 5.32 | 11.57 | 8.32 | 5.34 | 11.31 |
| \$35-49,999 | 759 | 7.20 | 2.98 | 11.41 | 6.60 | 3.27 | 9.94 |
| \$50-74,999 | 714 | 4.97 | 2.89 | 7.05 | 4.94 | 2.69 | 7.19 |
| \$75,000+ | 827 | 4.59 | 2.29 | 6.89 | 4.46 | 2.22 | 6.69 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.3 | 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 | 4918 | 2.63 | 1.93 | 3.33 | 2.67 | 1.94 | 3.41 |
| REGION | | | | | | | |
| Central | 625 | 2.46 | 0.16 | 4.76 | 2.32 | 0.41 | 4.23 |
| Kansas City | 870 | 3.65 | 1.81 | 5.50 | 3.70 | 1.79 | 5.61 |
| Northeast | 561 | 2.17 | 0.70 | 3.64 | 2.15 | 0.68 | 3.62 |
| Northwest | 637 | 0.93 | 0.32 | 1.53 | 1.01 | 0.34 | 1.69 |
| Southeast | 547 | 3.18 | 0.87 | 5.49 | 2.96 | 0.91 | 5.00 |
| Southwest | 605 | 2.53 | 0.92 | 4.13 | 2.57 | 0.96 | 4.18 |
| St. Louis | 1073 | 2.30 | 1.10 | 3.50 | 2.29 | 1.06 | 3.52 |
| GENDER | | | | | | | |
| Female | 2979 | 2.48 | 1.55 | 3.41 | 2.50 | 1.54 | 3.45 |
| Male | 1939 | 2.79 | 1.74 | 3.85 | 2.83 | 1.73 | 3.92 |
| RACE | | | | | | | |
| Black | 385 | 2.52 | 0.68 | 4.35 | 2.54 | 0.70 | 4.39 |
| Other | 262 | 4.52 | 1.58 | 7.46 | 4.91 | 1.85 | 7.96 |
| White | 4245 | 2.50 | 1.73 | 3.28 | 2.60 | 1.76 | 3.43 |
| EDUCATION | | | | | | | |
| <HS | 541 | 4.14 | 1.93 | 6.35 | 4.94 | 2.20 | 7.69 |
| HS | 1806 | 3.67 | 2.14 | 5.21 | 3.76 | 2.24 | 5.29 |
| >HS | 2564 | 1.75 | 1.00 | 2.50 | 1.71 | 0.94 | 2.49 |
| INCOME | | | | | | | |
| <\$15,000 | 553 | 11.98 | 6.25 | 17.71 | 13.28 | 6.95 | 19.62 |
| \$15-24,999 | 852 | 3.18 | 1.34 | 5.03 | 3.56 | 1.52 | 5.61 |
| \$25-24,999 | 639 | 3.86 | 1.52 | 6.19 | 4.18 | 1.70 | 6.67 |
| \$35-49,999 | 757 | 1.15 | 0.02 | 2.27 | 1.27 | -0.01 | 2.54 |
| \$50-74,999 | 717 | 0.19 | -0.07 | 0.46 | 0.17 | -0.05 | 0.38 |
| \$75,000+ | 829 | 0.42 | 0.06 | 0.78 | 0.42 | 0.03 | 0.80 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.4 | 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 | 4889 | 8.81 | 7.55 | 10.08 | 8.86 | 7.56 | 10.16 |
| REGION | | | | | | | |
| Central | 624 | 8.81 | 4.93 | 12.68 | 8.46 | 4.91 | 12.01 |
| Kansas City | 863 | 10.28 | 7.54 | 13.03 | 10.42 | 7.56 | 13.29 |
| Northeast | 561 | 8.39 | 5.45 | 11.33 | 8.33 | 5.36 | 11.30 |
| Northwest | 632 | 6.45 | 4.11 | 8.80 | 6.66 | 4.24 | 9.07 |
| Southeast | 538 | 11.39 | 7.51 | 15.27 | 11.41 | 6.58 | 16.24 |
| Southwest | 601 | 10.11 | 6.87 | 13.34 | 10.29 | 6.97 | 13.61 |
| St. Louis | 1070 | 7.12 | 4.76 | 9.48 | 7.15 | 4.65 | 9.65 |
| GENDER | | | | | | | |
| Female | 2966 | 8.65 | 6.86 | 10.44 | 8.70 | 6.86 | 10.54 |
| Male | 1923 | 8.99 | 7.20 | 10.78 | 8.96 | 7.15 | 10.77 |
| RACE | | | | | | | |
| Black | 386 | 15.91 | 10.31 | 21.50 | 16.08 | 10.48 | 21.68 |
| Other | 256 | 17.35 | 8.25 | 26.46 | 16.51 | 9.73 | 23.30 |
| White | 4223 | 7.59 | 6.41 | 8.76 | 7.57 | 6.35 | 8.79 |
| EDUCATION | | | | | | | |
| <HS | 533 | 19.50 | 13.78 | 25.22 | 20.74 | 14.79 | 26.68 |
| HS | 1799 | 12.01 | 9.29 | 14.73 | 12.30 | 9.60 | 14.99 |
| >HS | 2550 | 4.99 | 3.89 | 6.08 | 4.95 | 3.82 | 6.09 |
| INCOME | | | | | | | |
| <\$15,000 | 545 | 25.18 | 19.18 | 31.17 | 26.61 | 20.09 | 33.14 |
| \$15-24,999 | 847 | 12.97 | 9.72 | 16.23 | 14.17 | 10.59 | 17.75 |
| \$25-24,999 | 636 | 10.76 | 7.11 | 14.41 | 11.46 | 7.69 | 15.22 |
| \$35-49,999 | 755 | 5.99 | 1.92 | 10.06 | 5.51 | 2.32 | 8.71 |
| \$50-74,999 | 714 | 4.61 | 2.42 | 6.80 | 4.62 | 2.33 | 6.90 |
| \$75,000+ | 827 | 3.66 | 1.69 | 5.63 | 3.91 | 1.69 | 6.13 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

Felt worthless all or most of the time during the past 30 days

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.5 | 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 | 4918 | 2.89 | 2.25 | 3.53 | 2.88 | 2.23 | 3.54 |
| REGION | | | | | | | |
| Central | 628 | 2.74 | 1.32 | 4.17 | 2.95 | 1.34 | 4.56 |
| Kansas City | 869 | 4.23 | 2.37 | 6.08 | 4.33 | 2.40 | 6.27 |
| Northeast | 561 | 2.35 | 1.17 | 3.53 | 2.28 | 1.04 | 3.53 |
| Northwest | 637 | 1.92 | 0.98 | 2.86 | 1.89 | 0.94 | 2.84 |
| Southeast | 546 | 3.22 | 1.07 | 5.37 | 2.82 | 0.96 | 4.69 |
| Southwest | 602 | 2.53 | 0.95 | 4.10 | 2.43 | 0.91 | 3.94 |
| St. Louis | 1075 | 2.48 | 1.37 | 3.58 | 2.44 | 1.33 | 3.55 |
| GENDER | | | | | | | |
| Female | 2982 | 2.91 | 2.07 | 3.76 | 2.92 | 2.03 | 3.81 |
| Male | 1936 | 2.86 | 1.89 | 3.84 | 2.81 | 1.85 | 3.77 |
| RACE | | | | | | | |
| Black | 386 | 3.08 | 1.01 | 5.16 | 3.11 | 0.99 | 5.23 |
| Other | 261 | 7.31 | 2.88 | 11.75 | 8.35 | 3.37 | 13.33 |
| White | 4246 | 2.51 | 1.88 | 3.15 | 2.49 | 1.84 | 3.15 |
| EDUCATION | | | | | | | |
| <HS | 540 | 7.95 | 4.55 | 11.34 | 8.95 | 4.92 | 12.97 |
| HS | 1810 | 3.77 | 2.47 | 5.06 | 3.79 | 2.45 | 5.14 |
| >HS | 2561 | 1.48 | 0.90 | 2.05 | 1.42 | 0.83 | 2.01 |
| INCOME | | | | | | | |
| <\$15,000 | 552 | 10.22 | 6.50 | 13.94 | 9.57 | 6.11 | 13.04 |
| \$15-24,999 | 851 | 6.09 | 3.64 | 8.54 | 6.76 | 3.94 | 9.59 |
| \$25-24,999 | 640 | 4.42 | 1.82 | 7.02 | 4.15 | 1.76 | 6.54 |
| \$35-49,999 | 759 | 0.73 | 0.13 | 1.33 | 0.75 | 0.15 | 1.36 |
| \$50-74,999 | 717 | 0.66 | -0.24 | 1.57 | 0.58 | -0.21 | 1.37 |
| \$75,000+ | 828 | 0.44 | 0.07 | 0.80 | 0.45 | 0.06 | 0.84 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

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

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.6 | 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 | 4884 | 7.41 | 6.38 | 8.44 | 7.45 | 6.38 | 8.51 |
| REGION | | | | | | | |
| Central | 623 | 6.09 | 4.07 | 8.12 | 6.36 | 4.22 | 8.50 |
| Kansas City | 861 | 8.63 | 6.29 | 10.98 | 8.64 | 6.27 | 11.02 |
| Northeast | 559 | 8.33 | 5.33 | 11.34 | 8.98 | 5.78 | 12.18 |
| Northwest | 632 | 7.40 | 4.85 | 9.95 | 7.52 | 4.99 | 10.04 |
| Southeast | 540 | 10.61 | 6.89 | 14.34 | 11.34 | 6.63 | 16.05 |
| Southwest | 602 | 6.58 | 4.11 | 9.05 | 6.83 | 4.25 | 9.42 |
| St. Louis | 1067 | 6.61 | 4.63 | 8.59 | 6.43 | 4.39 | 8.47 |
| GENDER | | | | | | | |
| Female | 2964 | 8.60 | 7.22 | 9.98 | 8.65 | 7.24 | 10.06 |
| Male | 1920 | 6.15 | 4.61 | 7.68 | 6.12 | 4.54 | 7.70 |
| RACE | | | | | | | |
| Black | 381 | 9.45 | 5.96 | 12.93 | 9.50 | 6.11 | 12.88 |
| Other | 257 | 7.93 | 3.96 | 11.90 | 8.44 | 4.27 | 12.62 |
| White | 4220 | 7.21 | 6.09 | 8.33 | 7.27 | 6.08 | 8.46 |
| EDUCATION | | | | | | | |
| <HS | 529 | 10.36 | 6.88 | 13.84 | 12.59 | 8.27 | 16.91 |
| HS | 1792 | 7.95 | 6.19 | 9.71 | 8.21 | 6.36 | 10.06 |
| >HS | 2557 | 6.60 | 5.23 | 7.97 | 6.60 | 5.11 | 8.09 |
| INCOME | | | | | | | |
| <\$15,000 | 534 | 26.74 | 20.40 | 33.08 | 30.35 | 23.24 | 37.47 |
| \$15-24,999 | 848 | 13.21 | 9.42 | 16.99 | 15.03 | 10.95 | 19.11 |
| \$25-24,999 | 636 | 8.57 | 5.48 | 11.67 | 8.27 | 5.31 | 11.23 |
| \$35-49,999 | 756 | 5.44 | 3.24 | 7.63 | 5.78 | 3.47 | 8.09 |
| \$50-74,999 | 717 | 3.71 | 2.22 | 5.20 | 3.33 | 1.92 | 4.75 |
| \$75,000+ | 828 | 2.50 | 1.26 | 3.74 | 1.86 | 0.96 | 2.76 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

Are now taking medicine or receiving treatment from a doctor or other health professional for any type of mental health condition or emotion problem?

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.7 | 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 | 4906 | 11.74 | 10.38 | 13.09 | 11.71 | 10.32 | 13.10 |
| REGION | | | | | | | |
| Central | 629 | 11.79 | 8.09 | 15.49 | 11.98 | 8.38 | 15.58 |
| Kansas City | 862 | 10.20 | 7.84 | 12.56 | 10.09 | 7.74 | 12.44 |
| Northeast | 560 | 11.38 | 7.94 | 14.83 | 11.42 | 8.09 | 14.75 |
| Northwest | 634 | 8.83 | 6.59 | 11.08 | 9.04 | 6.76 | 11.32 |
| Southeast | 544 | 12.73 | 9.34 | 16.13 | 12.96 | 9.06 | 16.86 |
| Southwest | 605 | 10.96 | 7.89 | 14.03 | 11.00 | 7.86 | 14.14 |
| St. Louis | 1072 | 12.99 | 10.06 | 15.91 | 12.86 | 9.83 | 15.90 |
| GENDER | | | | | | | |
| Female | 2978 | 14.32 | 12.45 | 16.18 | 14.48 | 12.52 | 16.44 |
| Male | 1928 | 8.98 | 7.01 | 10.95 | 8.76 | 6.81 | 10.71 |
| RACE | | | | | | | |
| Black | 383 | 8.89 | 5.33 | 12.46 | 8.92 | 5.35 | 12.49 |
| Other | 261 | 6.38 | 3.28 | 9.47 | 7.11 | 3.69 | 10.53 |
| White | 4238 | 12.40 | 10.87 | 13.92 | 12.39 | 10.81 | 13.98 |
| EDUCATION | | | | | | | |
| <HS | 539 | 13.91 | 9.70 | 18.13 | 15.16 | 10.37 | 19.95 |
| HS | 1800 | 12.10 | 9.71 | 14.50 | 12.27 | 9.73 | 14.81 |
| >HS | 2560 | 11.16 | 9.36 | 12.95 | 10.78 | 8.93 | 12.63 |
| INCOME | | | | | | | |
| <\$15,000 | 547 | 25.66 | 19.50 | 31.81 | 28.58 | 21.18 | 35.98 |
| \$15-24,999 | 851 | 14.11 | 10.36 | 17.87 | 15.32 | 11.38 | 19.25 |
| \$25-24,999 | 636 | 10.46 | 7.23 | 13.68 | 10.52 | 7.33 | 13.72 |
| \$35-49,999 | 756 | 10.21 | 7.14 | 13.28 | 10.31 | 7.27 | 13.36 |
| \$50-74,999 | 717 | 10.92 | 7.75 | 14.08 | 9.50 | 6.75 | 12.24 |
| \$75,000+ | 829 | 9.02 | 6.05 | 11.99 | 8.09 | 5.45 | 10.73 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

Agree strongly or slightly that treatment can help people with mental illness lead normal lives

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.8 | 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 | 4794 | 93.91 | 92.82 | 94.99 | 93.91 | 92.79 | 95.02 |
| REGION | | | | | | | |
| Central | 613 | 93.32 | 90.37 | 96.27 | 93.62 | 90.76 | 96.47 |
| Kansas City | 847 | 92.89 | 90.37 | 95.41 | 92.79 | 90.20 | 95.38 |
| Northeast | 552 | 92.65 | 89.88 | 95.43 | 93.10 | 90.34 | 95.86 |
| Northwest | 614 | 93.12 | 89.87 | 96.36 | 93.15 | 89.90 | 96.39 |
| Southeast | 526 | 89.19 | 85.27 | 93.11 | 88.02 | 83.31 | 92.74 |
| Southwest | 589 | 95.31 | 93.31 | 97.32 | 95.34 | 93.33 | 97.34 |
| St. Louis | 1053 | 95.52 | 93.44 | 97.61 | 95.38 | 93.13 | 97.63 |
| GENDER | | | | | | | |
| Female | 2905 | 95.86 | 94.85 | 96.87 | 95.91 | 94.86 | 96.96 |
| Male | 1889 | 91.81 | 89.86 | 93.77 | 91.77 | 89.80 | 93.74 |
| RACE | | | | | | | |
| Black | 374 | 93.77 | 90.70 | 96.84 | 93.74 | 90.69 | 96.79 |
| Other | 248 | 90.96 | 85.70 | 96.23 | 91.95 | 87.89 | 96.02 |
| White | 4149 | 94.16 | 92.99 | 95.32 | 94.13 | 92.90 | 95.37 |
| EDUCATION | | | | | | | |
| <HS | 508 | 90.06 | 86.29 | 93.83 | 89.42 | 85.03 | 93.80 |
| HS | 1753 | 91.41 | 88.89 | 93.93 | 91.58 | 89.23 | 93.93 |
| >HS | 2526 | 96.08 | 95.09 | 97.07 | 95.99 | 94.94 | 97.03 |
| INCOME | | | | | | | |
| <\$15,000 | 526 | 88.32 | 83.95 | 92.69 | 88.44 | 83.84 | 93.04 |
| \$15-24,999 | 832 | 90.90 | 86.51 | 95.29 | 91.53 | 87.71 | 95.36 |
| \$25-24,999 | 632 | 91.78 | 88.63 | 94.94 | 91.57 | 88.27 | 94.86 |
| \$35-49,999 | 746 | 94.31 | 91.55 | 97.07 | 94.91 | 92.49 | 97.32 |
| \$50-74,999 | 713 | 96.63 | 94.96 | 98.31 | 96.40 | 94.54 | 98.26 |
| \$75,000+ | 823 | 96.69 | 95.29 | 98.09 | 96.37 | 94.76 | 97.97 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 24 - Mental Illness and Stigma:

Agree strongly or slightly that people are generally caring and sympathetic to people with mental illness

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 24.9 | 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 | 4783 | 54.94 | 52.74 | 57.14 | 55.01 | 52.76 | 57.26 |
| REGION | | | | | | | |
| Central | 608 | 55.93 | 50.55 | 61.32 | 56.78 | 51.74 | 61.81 |
| Kansas City | 847 | 56.12 | 51.94 | 60.31 | 56.68 | 52.54 | 60.82 |
| Northeast | 549 | 57.92 | 52.83 | 63.01 | 56.81 | 51.58 | 62.03 |
| Northwest | 605 | 58.02 | 52.61 | 63.44 | 57.70 | 52.69 | 62.72 |
| Southeast | 531 | 53.64 | 48.50 | 58.78 | 54.24 | 48.75 | 59.74 |
| Southwest | 589 | 54.61 | 49.56 | 59.65 | 54.16 | 49.11 | 59.22 |
| St. Louis | 1054 | 53.75 | 49.04 | 58.47 | 53.88 | 48.98 | 58.78 |
| GENDER | | | | | | | |
| Female | 2900 | 49.18 | 46.36 | 52.01 | 49.05 | 46.14 | 51.96 |
| Male | 1883 | 61.12 | 57.74 | 64.50 | 61.59 | 58.18 | 65.00 |
| RACE | | | | | | | |
| Black | 374 | 48.82 | 40.48 | 57.16 | 49.37 | 42.16 | 56.58 |
| Other | 250 | 66.11 | 58.04 | 74.18 | 64.58 | 57.35 | 71.82 |
| White | 4137 | 54.60 | 52.25 | 56.95 | 54.72 | 52.26 | 57.17 |
| EDUCATION | | | | | | | |
| <HS | 504 | 62.32 | 54.98 | 69.65 | 61.73 | 54.72 | 68.74 |
| HS | 1758 | 59.31 | 55.71 | 62.91 | 58.83 | 55.18 | 62.48 |
| >HS | 2514 | 51.08 | 48.15 | 54.02 | 51.63 | 48.49 | 54.77 |
| INCOME | | | | | | | |
| <\$15,000 | 530 | 58.10 | 51.21 | 64.99 | 54.51 | 47.37 | 61.65 |
| \$15-24,999 | 828 | 52.06 | 46.63 | 57.49 | 51.01 | 45.45 | 56.57 |
| \$25-24,999 | 630 | 61.14 | 55.19 | 67.09 | 59.07 | 52.86 | 65.27 |
| \$35-49,999 | 743 | 53.83 | 48.45 | 59.21 | 53.78 | 48.75 | 58.81 |
| \$50-74,999 | 710 | 52.62 | 47.50 | 57.74 | 56.36 | 51.66 | 61.06 |
| \$75,000+ | 818 | 52.43 | 47.39 | 57.47 | 53.29 | 47.43 | 59.15 |

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

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 25 - Gambling:

Gambled for money or something else of value in the past 12 months

Crude and Age-adjusted prevalence and 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 | 4897 | 43.75 | 41.56 | 45.94 | 43.97 | 41.73 | 46.22 |
| REGION | | | | | | | |
| Central | 625 | 44.53 | 39.04 | 50.03 | 44.41 | 39.41 | 49.41 |
| Kansas City | 861 | 43.71 | 39.51 | 47.91 | 43.28 | 38.99 | 47.58 |
| Northeast | 560 | 37.75 | 32.78 | 42.72 | 39.15 | 34.04 | 44.27 |
| Northwest | 631 | 42.84 | 37.43 | 48.25 | 43.22 | 38.09 | 48.35 |
| Southeast | 544 | 33.74 | 28.96 | 38.53 | 33.19 | 28.29 | 38.09 |
| Southwest | 605 | 39.76 | 34.83 | 44.69 | 39.94 | 34.97 | 44.90 |
| St. Louis | 1071 | 48.76 | 44.04 | 53.47 | 48.89 | 43.97 | 53.80 |
| GENDER | | | | | | | |
| Female | 2969 | 41.03 | 38.25 | 43.81 | 41.59 | 38.72 | 44.45 |
| Male | 1928 | 46.67 | 43.26 | 50.09 | 46.51 | 43.05 | 49.98 |
| RACE | | | | | | | |
| Black | 385 | 35.04 | 27.55 | 42.53 | 34.98 | 27.80 | 42.16 |
| Other | 258 | 37.94 | 29.22 | 46.67 | 39.33 | 31.48 | 47.17 |
| White | 4228 | 45.00 | 42.65 | 47.34 | 45.52 | 43.10 | 47.94 |
| EDUCATION | | | | | | | |
| <HS | 540 | 36.53 | 29.33 | 43.74 | 37.07 | 30.30 | 43.84 |
| HS | 1801 | 44.13 | 40.41 | 47.85 | 45.66 | 41.92 | 49.39 |
| >HS | 2549 | 44.80 | 41.86 | 47.74 | 44.36 | 41.22 | 47.50 |
| INCOME | | | | | | | |
| <\$15,000 | 552 | 31.57 | 24.33 | 38.81 | 33.06 | 25.13 | 41.00 |
| \$15-24,999 | 850 | 38.97 | 33.65 | 44.29 | 39.42 | 33.97 | 44.87 |
| \$25-24,999 | 637 | 39.96 | 34.13 | 45.80 | 41.51 | 35.90 | 47.13 |
| \$35-49,999 | 752 | 46.55 | 41.13 | 51.97 | 46.55 | 41.41 | 51.69 |
| \$50-74,999 | 714 | 49.66 | 44.53 | 54.79 | 47.78 | 42.04 | 53.51 |
| \$75,000+ | 825 | 49.38 | 44.35 | 54.42 | 47.92 | 41.70 | 54.14 |

Definition: “Yes” response to “In the last 12 months have you played the lottery, bingo, card games, slot machines or any other betting games for money or something else of value? This activity could be at the casino, over the phone, on the computer, at the track, on the street, at home or any other place.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2007

Section 25 - Gambling:

Money spent on gambling led to financial problems

Crude and Age-adjusted prevalence and 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 | 1933 | 0.74 | 0.23 | 1.26 | 0.76 | 0.22 | 1.31 |
| REGION | | | | | | | |
| Central | 245 | 0.43 | -0.41 | 1.26 | 0.46 | -0.44 | 1.36 |
| Kansas City | 354 | 0.96 | -0.50 | 2.42 | 0.94 | -0.55 | 2.44 |
| Northeast | 198 | 2.12 | -0.38 | 4.61 | 2.54 | -0.45 | 5.53 |
| Northwest | 260 | 0.19 | -0.18 | 0.56 | 0.19 | -0.18 | 0.56 |
| Southeast | 173 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Southwest | 214 | 1.69 | -0.67 | 4.04 | 1.51 | -0.48 | 3.50 |
| St. Louis | 489 | 0.47 | -0.17 | 1.11 | 0.59 | -0.25 | 1.43 |
| GENDER | | | | | | | |
| Female | 1081 | 0.52 | 0.14 | 0.89 | 0.49 | 0.14 | 0.84 |
| Male | 852 | 0.96 | 0.01 | 1.90 | 1.06 | 0.00 | 2.12 |
| RACE | | | | | | | |
| Black | 133 | 2.28 | 0.20 | 4.37 | 2.27 | 0.17 | 4.38 |
| Other | 100 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| White | 1690 | 0.70 | 0.12 | 1.27 | 0.73 | 0.12 | 1.34 |
| EDUCATION | | | | | | | |
| <HS | 161 | 2.63 | -1.26 | 6.53 | 2.50 | -1.05 | 6.05 |
| HS | 699 | 0.35 | 0.01 | 0.70 | 0.39 | -0.00 | 0.79 |
| >HS | 1069 | 0.70 | 0.04 | 1.37 | 0.79 | -0.04 | 1.63 |
| INCOME | | | | | | | |
| <\$15,000 | 136 | 1.07 | -0.64 | 2.78 | 1.01 | -0.47 | 2.48 |
| \$15-24,999 | 296 | 0.75 | -0.10 | 1.60 | 1.14 | -0.22 | 2.50 |
| \$25-24,999 | 261 | 1.61 | -0.62 | 3.83 | 1.39 | -0.58 | 3.36 |
| \$35-49,999 | 317 | 0.42 | -0.23 | 1.07 | 0.41 | -0.23 | 1.06 |
| \$50-74,999 | 349 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| \$75,000+ | 393 | 0.55 | -0.45 | 1.54 | 0.43 | -0.35 | 1.22 |

Definition: “Yes” and “No” response to “In the last 12 months have you played the lottery, bingo, card games, slot machines or any other betting games for money or something else of value? AND “Yes” response to “Has the money you spent on gambling led to financial problems?” [Among all Missouri adults]

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Section 25 - Gambling:

Time spent on gambling led to problems in family, work or personal life

Crude and Age-adjusted prevalence and 95% Confidence Intervals (CI)

| Table 25.3 | 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 | 1933 | 0.39 | -0.02 | 0.79 | 0.39 | -0.03 | 0.82 |
| REGION | | | | | | | |
| Central | 245 | 0.43 | -0.41 | 1.26 | 0.46 | -0.44 | 1.36 |
| Kansas City | 354 | 1.08 | -0.92 | 3.08 | 1.24 | -1.01 | 3.50 |
| Northeast | 198 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Northwest | 260 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Southeast | 173 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| Southwest | 214 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| St. Louis | 489 | 0.34 | 0.08 | 0.60 | 0.35 | 0.07 | 0.62 |
| GENDER | | | | | | | |
| Female | 1081 | 0.29 | 0.03 | 0.55 | 0.27 | 0.04 | 0.51 |
| Male | 852 | 0.48 | -0.27 | 1.23 | 0.48 | -0.29 | 1.26 |
| RACE | | | | | | | |
| Black | 133 | 0.97 | -0.27 | 2.22 | 1.08 | -0.35 | 2.51 |
| Other | 100 | 0.40 | -0.39 | 1.19 | 0.31 | -0.30 | 0.92 |
| White | 1690 | 0.35 | -0.10 | 0.80 | 0.36 | -0.11 | 0.83 |
| EDUCATION | | | | | | | |
| <HS | 161 | 2.43 | -2.09 | 6.94 | 1.25 | -1.01 | 3.50 |
| HS | 699 | 0.27 | 0.01 | 0.54 | 0.28 | 0.01 | 0.54 |
| >HS | 1069 | 0.17 | -0.03 | 0.37 | 0.14 | -0.03 | 0.30 |
| INCOME | | | | | | | |
| <\$15,000 | 136 | 0.24 | -0.23 | 0.71 | 0.37 | -0.40 | 1.14 |
| \$15-24,999 | 296 | 1.94 | -0.94 | 4.82 | 1.52 | -0.68 | 3.72 |
| \$25-24,999 | 261 | 0.29 | -0.15 | 0.74 | 0.22 | -0.11 | 0.55 |
| \$35-49,999 | 317 | 0.47 | -0.23 | 1.17 | 0.47 | -0.23 | 1.16 |
| \$50-74,999 | 349 | 0.00 | 0.00 | 0.00 | 0.00 | . | . |
| \$75,000+ | 393 | 0.04 | -0.04 | 0.12 | 0.03 | -0.03 | 0.10 |

Definition: “Yes” and “No” response to “In the last 12 months have you played the lottery, bingo, card games, slot machines or any other betting games for money or something else of value? AND “Yes” response to “Has the time you spent gambling led to problems in your family, work, or personal life?” [Among all Missouri adults]