

## Surveillance of Certain Health Behaviors and Conditions Among States and Selected Local Areas — Behavioral Risk Factor Surveillance System, United States, 2009



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# Surveillance of Certain Health Behaviors and Conditions Among States and Selected Local Areas — Behavioral Risk Factor Surveillance System, United States, 2009

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## Abstract

**Problem:** Chronic diseases and conditions (e.g., heart disease, cancer, stroke, and diabetes) are the leading causes of death in the United States. Controlling health risk behaviors and conditions (e.g., smoking, physical inactivity, poor diet, excessive drinking, and obesity) and using preventive health-care services (e.g., physical examination, vaccination, screening for high blood pressure and high cholesterol, consumption of fruits and vegetables, and participation in regular leisure-time physical activity) can reduce morbidity and mortality from chronic diseases.

**Reporting Period:** January 2009–December 2009.

**Description of the System:** The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing state-based random-digit-dialed telephone survey of noninstitutionalized adults aged  $\geq 18$  years residing in the United States. BRFSS collects data on health risk behaviors and conditions, chronic diseases and conditions, access to health care, and use of preventative health services and practices related to the leading causes of death and disabilities in the United States. This report presents results for 2009 for all 50 states, the District of Columbia, the Commonwealth of Puerto Rico, Guam, the U.S. Virgin Islands, 180 metropolitan and micropolitan statistical areas (MMSAs), and 283 selected counties.

**Results:** In 2009, the estimated prevalence of general health status, use of preventive health-care services, health risk behaviors and conditions, chronic diseases, and health impairments and disabilities varied substantially by state and territory, MMSA, and county. The following is a summary of results listed by BRFSS question topics. Each set of proportions refers to the range of estimated prevalence for the disease, condition, or behavior, as reported by the survey respondent. Adults who reported having fair or poor health: 10.1%–30.9% for states and territories, 7.9%–25.8% for MMSAs, and 4.5%–26.1% for counties. Adults with health-care coverage: 71.4%–94.7% for states and territories, 52.7%–96.3% for MMSAs, and 52.7%–97.6% for counties. Annual routine physical checkup among adults aged  $\geq 18$  years: 55.8%–79.3% for states and territories, 51.8%–80.7% for MMSAs, and 49.2%–83.5% for counties. Annual influenza vaccination among adults aged  $\geq 65$  years: 26.8%–76.8% for states and territories, 55.4%–81.4% for MMSAs, and 50.5%–83.5% for counties. Pneumococcal vaccination among adults aged  $\geq 65$  years: 19.1%–73.9% for states and territories, 52.9%–81.3% for MMSAs, and 41.9%–82.0% for counties. Adults who had their cholesterol checked within the preceding 5 years: 67.5%–85.3% for states and territories, 58.2%–88.8% for MMSAs, and 58.2%–92.4% for counties. Adults who consumed at least five servings of fruits and vegetables per day: 14.6%–31.5% for states and territories, 12.6%–33.0% for MMSAs, and 13.4%–34.9% for counties. Adults who engaged in moderate or vigorous physical activity: 28.0%–60.7% for states and territories, 34.6%–64.9% for MMSAs, and 33.6%–67.3% for counties. Adults who engaged in only vigorous physical activity: 13.7%–40.1% for states and territories, 13.8%–43.3% for MMSAs, and 14.2%–50.0% for counties. Current cigarette smoking among adults: 6.4%–25.6% for states and territories, 5.7%–29.0% for MMSAs,

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and 5.6%–29.8% for counties. Binge drinking among adults: 6.8%–23.9% for states and territories, 3.5%–23.2% for MMSAs, and 3.4%–26.3% for counties. Heavy drinking among adults: 1.9%–8.1% for states and territories, 1.0%–11.1% for MMSAs, and 0.9%–11.1% for counties. Adults who reported no leisure-time physical activity: 15.8%–45.6% for states and territories, 13.3%–40.2% for MMSAs, and 10.5%–40.2% for counties. Adults aged  $\geq 18$  years who were overweight: 31.6%–38.7% for states and territories, 28.7%–44.1% for MMSAs, and 25.6%–46.7% for counties. Adults aged  $\geq 20$  years who were obese: 19.7%–36.0% for states and territories, 15.4%–43.6% for MMSAs, and 13.8%–45.7% for counties. Adults aged  $\geq 18$  years who did not get enough rest or sleep: 34.3%–52.6% for states and territories, 28.2%–54.8% for MMSAs, and 24.5%–55.6% for counties. Adults who had received a high blood pressure diagnosis: 22.1%–38.5% for states and territories, 18.8%–43.9% for MMSAs, and 17.2%–43.6% for counties. Adults who had a high blood cholesterol diagnosis: 24.9%–42.2% for states and territories, 27.5%–47.8% for MMSAs, and 26.7%–51.4% for counties. Adults who had received a diagnosis of coronary heart disease: 2.5%–10.3% for states and territories, 2.6%–11.6% for MMSAs, and 1.6%–12.3% for counties. Adults who had received a stroke diagnosis: 1.4%–3.9% for states and territories, 0.8%–5.9% for MMSAs, and 0.8%–6.6% for counties. Adults who had received a diabetes diagnosis: 5.8%–12.9% for states and territories, 2.8%–15.4% for MMSAs, and 2.8%–14.7% for counties. Adults who had received a cancer diagnosis: 3.0%–12.6% for states and territories, 5.8%–15.1% for MMSAs, and 3.9%–16.2% for counties. Adults who had asthma: 4.4%–11.1% for states and territories, and 3.2%–15.3% for MMSAs, and 3.2%–15.7% for counties. Adults who had arthritis: 10.7%–35.6% for states and territories, 16.2%–36.0% for MMSAs, and 12.6%–39.4% for counties. Adults with activity limitation associated with physical, mental, or emotional problems: 10.2%–27.1% for states and territories, 13.1%–33.7% for MMSAs, and 10.4%–36.1% for counties. Adults who required special equipment because of health problems: 3.6%–10.2% for states and territories, 3.4%–11.5% for MMSAs, and 1.7%–13.0% for counties.

**Interpretation:** The findings in this report indicate substantial variations in self-rated general health status, health-care coverage, use of preventive health-care services, health risk behaviors and health conditions, cardiovascular conditions, other chronic diseases, and health impairments and disabilities among U.S. adults at the state and territory, MMSA, and county levels. The findings show that Healthy People 2010 objectives had not been met in many areas by 2009, which underscores the continued need for surveillance of general health status, use of preventive health-care services, health risk behaviors and conditions, chronic diseases, and health impairment and disability.

**Public Health Action:** Data on health risk behaviors, chronic health conditions, preventive care practices, and chronic diseases are used to develop health promotion activities, intervention programs, and health policies at the state, city, and county levels. The overarching goals of Healthy People 2010 are to increase quality and years of healthy life and to eliminate health disparities. Local and state health departments and federal agencies should continue to use BRFSS data to identify populations at high risk for certain health risk behaviors and conditions, cardiovascular conditions, and other chronic diseases and to evaluate the use of preventive health-care services. In addition, BRFSS data can be used to direct, implement, monitor, and evaluate public health programs and policies that can lead to a reduction in morbidity and mortality.

## Introduction

Chronic diseases and conditions (e.g., heart disease, cancer, stroke, and diabetes) are the leading causes of morbidity and mortality in the United States (1,2). Engaging in healthy behaviors (e.g., reducing smoking, being more physically active, and eating a healthy and nutritious diet) and using preventive health-care services (e.g., screening for blood pressure, blood cholesterol, and cancer; and receiving recommended vaccinations) can reduce morbidity and premature mortality from chronic disease (3). The estimated prevalence of health behavior risk factors, chronic diseases and conditions, and

use of preventive care services varies substantially across the United States (4,5).

Ongoing surveillance is essential to identify populations at the highest risk and to design and implement appropriate public health programs and policies.

*Healthy People 2010* (HP 2010) set national objectives to prevent or delay diseases, decrease morbidity and mortality, and improve health-related quality of life for all U.S. residents (6). HP 2010 includes specific objectives that were to be achieved by 2010 for various modifiable risk factors and preventive health-care services. These objectives can be used to monitor



and develop health promotion and disease prevention programs at the state and local levels. This report contains comparisons between 2009 BRFSS data and certain HP 2010 objectives.

## Methods

The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing random-digit–dialed state-based telephone survey of noninstitutionalized adults aged  $\geq 18$  years that has been conducted since 1984 by state and territorial health departments with assistance from CDC. BRFSS is the largest continuously conducted telephone survey in the world with  $>400,000$  adult interviews completed each year. BRFSS uses a multistage sampling design based on random-digit–dialing methods to select a representative sample from the noninstitutionalized adult population aged  $\geq 18$  years in each state and territory. Details on methodology, random sampling procedures, design, and reliability and validity of measures used in BRFSS have been described previously (2,7).

Since 2007, BRFSS has been conducted in all 50 states, the District of Columbia, the Commonwealth of Puerto Rico, Guam, and the U.S. Virgin Islands. BRFSS is the main source of data for states on health risk behaviors, chronic health conditions, and preventive health services primarily related to chronic disease and injury in the United States. BRFSS data are used to set health goals and to monitor progress and success of public health programs and policies at the national and state levels. Since 2002, the large sample size in BRFSS has facilitated calculation of prevalence estimates for selected metropolitan and micropolitan statistical areas (MMSAs), metropolitan divisions, and certain counties. This report provides comparable prevalence estimates for selected risk behaviors, preventive health-care services, and chronic conditions by states and territories, MMSAs, and counties.

## Questionnaire

The standard BRFSS questionnaire consists of three parts: 1) core questions, 2) optional supplemental modules, which are sets of questions on specific topics; and 3) state-added questions. All 54 jurisdictions ask the same core questions. Optional modules and jurisdiction-added questions are included at the jurisdiction's discretion to address specific health-care concerns. The core questions address demographics, general health status, number of healthy days, health-related quality of life, health-care access, exercise or leisure-time physical activity, prevalence of cardiovascular diseases, high blood pressure, cholesterol awareness, diabetes, cancer, arthritis, asthma, disabilities, immunization including flu and pneumonia

vaccination among older adults, tobacco/cigarette use, alcohol consumption, fruit and vegetable consumption, moderate and vigorous physical activity, sleep habits, caregiver status, being tested for human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS), and emotional support and life satisfaction.

In 2009, the following optional modules were included in BRFSS: prediabetes (35 states), diabetes (38 states), visual impairment (three states), inadequate sleep (six states), cardiovascular health (14 states), actions to control high blood pressure (19 states), heart attack and stroke (19 states), women's health (four states), prostate cancer screening (two states), colorectal cancer screening (two states), cancer survivorship (four states), adult asthma history (two states), arthritis management (eight states), tetanus diphtheria (five states), adult human papilloma virus (two states), shingles vaccination (five states), general preparedness (one state), reaction to race (two states), mental illness and stigma (eight states), carbon monoxide detectors and gas-powered generators (one state), social context (eight states), adverse childhood experience (two states), random child selection (35 states), childhood asthma prevalence (31 states), childhood immunization (nine states), child human papilloma virus vaccination (five states), and tetanus diphtheria vaccination (adolescents) (five states). Details about the contents for the modules can be found in the 2009 BRFSS questionnaire.

To address the most significant and common public health issues closely related to the HP 2010 objectives and sustain consistency with previous reports, this report focuses on 1) health status indicators (self-rated fair or poor health and health-care coverage), 2) preventive health-care practices (recent routine physical checkup, influenza and pneumococcal vaccinations for persons aged  $\geq 65$  years, blood cholesterol checking in the preceding 5 years, consumption of at least five servings of vegetables and fruits per day, and participation in moderate or vigorous leisure-time physical activity), 3) health risk behaviors and health conditions (current cigarette smoking, binge and heavy drinking, no leisure-time physical activity participation, overweight, obesity, and insufficient rest or sleep), 4) cardiovascular conditions (high blood pressure, high cholesterol, coronary heart disease including heart attack, angina, and stroke), 5) other chronic diseases (diabetes, cancer, current asthma, and arthritis), and 6) health impairments and disabilities (activity limitation because of physical, mental, or emotional health problems, and use of special equipment [e.g., a cane, wheelchair, special bed, or special telephone] because of health problems). The 2009 and all other BRFSS questionnaires are available at <http://www.cdc.gov/brfss/questionnaires/pdf-ques/2009brfss.pdf>.

## Data Collection, Processing, and Cooperation Rate

Trained interviewers administer the BRFSS questionnaire using a computer-assisted telephone interviewing system. Data are collected monthly by each state and territory. After the monthly interviewing cycle concludes, data are submitted to CDC for editing, processing, weighting, reliability checks, and analysis. According to the guidelines of the Council of American Survey and Research Organizations (CASRO), the 2009 BRFSS cooperation rate (defined as the proportion of all respondents interviewed of all eligible units in which a respondent was selected and actually contacted) ranged from 55.0% in California to 88.0% in Kentucky (median: 75.0%), and the 2009 BRFSS response rate ranged from 37.9% in Oregon to 66.9% in Nebraska (median: 52.5%) (8).

## Data Weighting and Statistical Analysis

At the end of the survey year, CDC edits and aggregates the monthly data files to create a yearly sample for each state and territory. Each sample is weighted to the respondent's probability of selection and the age- and sex-specific population or the age-, sex-, and race/ethnicity-specific population by using the 2009 postcensus projections for each state. MMSA- and county-level weights are produced beginning with the design weights for a given geographic area. These sampling weights are used to calculate BRFSS prevalence estimates at the state, territory, MMSA, and county levels. MMSAs used in this report were defined by the Office of Management and Budget in December 2008. Respondents were assigned to a particular MMSA on the basis of their American National Standards Institute (ANSI) county code. Aggregated data from states were used to produce nationwide prevalence estimates. Detailed weighting and analytic methodologies have been documented previously (2,8).

SAS and SUDAAN (release 9.0.1; Research Triangle Institute, Research Triangle Park, North Carolina) were used in the analyses to account for the complex sampling design and to calculate prevalence estimates, standard errors, and 95% confidence intervals (CIs) (9,10). Statistics were not reported if the unweighted sample size for the denominator was <50 or the CI half width was >10. MMSAs were included only if they had ≥500 respondents and ≥19 respondents in all the final weighting classes and counties. Within each MMSA or county, weighting classes were based on age and sex cross-classification totals or age, sex, and race cross-classification totals. Responses coded as “do not know” or “refused” were excluded from the analyses.

## Results

This report presents results for 2009 from the 54 states and territories, 180 MMSAs, and 283 counties participating in BRFSS that had adequate sample sizes to produce stable prevalence estimates. In 2009, a total of 432,607 interviews were completed and ranged from 1,266 in Guam to 20,294 in Washington (median: 6,736). In each section below, “estimated overall prevalence” refers to the state/territorial level; MMSA and county levels are specified separately. This report presents prevalence of general health status, access to health care, use of preventive health-care services, health risk behaviors and health conditions, cardiovascular conditions, other selected chronic diseases, and health impairments and disabilities.

## Health Status Indicators

### Health Status

Respondents were asked to rate their general health as excellent, very good, good, fair, or poor. Respondents were classified into two groups: those who rated their health as being fair or poor and those who rated it as good, very good, or excellent. In 2009, among adults aged ≥18 years, the estimated overall prevalence of self-rated fair or poor health ranged from 10.1% in Minnesota to 30.9% in Puerto Rico (median: 14.6%) (Table 1). Among selected MMSAs, the estimated prevalence of self-rated fair or poor health among respondents ranged from 7.9% in Fort Collins–Loveland, Colorado to 25.8% in Charleston, West Virginia (median: 14.1%) (Table 2). Among selected counties, the estimated prevalence of self-rated fair or poor health among respondents ranged from 4.5% in Douglas County, Colorado, to 26.1% in Fayette County, Pennsylvania (median: 13.6%) (Table 3).

### Health-Care Coverage

Health-care coverage was defined as having any kind of health-care coverage, including health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare or Medicaid). In 2009, among adults aged ≥18 years, the estimated overall prevalence of adults who had health-care coverage ranged from 71.4% in the U.S. Virgin Islands to 94.7% in Massachusetts (median: 85.3%) (Table 4). Among selected MMSAs, the estimated prevalence ranged from 52.7% in McAllen–Edinburg–Mission, Texas, to 96.3% in Cambridge–Newton–Framingham, Massachusetts (median: 86.3%) (Table 5). Among selected counties, the estimated prevalence ranged from 52.7% in Hidalgo County, Texas to 97.6% in Norfolk County, Massachusetts (median: 87.5%) (Table 6).

## Preventive Practices

### Recent Routine Physical Checkup

A routine physical checkup is defined as a general physical examination, not an examination for a specific injury, illness, or condition. Respondents were classified as having a recent routine physical checkup if they reported visiting a doctor for a routine physical checkup during the preceding 12 months. In 2009, the estimated prevalence of adults aged  $\geq 18$  years who had a recent routine physical checkup ranged from 55.8% in Oklahoma to 79.3% in Delaware (median: 68.3%) (Table 7). Among selected MMSAs, the estimated proportion ranged from 51.8% in Provo–Orem, Utah, to 80.7% in Seaford, Delaware (median: 68.2%) (Table 8). Among selected counties, the estimated proportion ranged from 49.2% in Madison County, Nebraska to 83.5% in Union County, New Jersey (median: 69.1%) (Table 9).

### Influenza Vaccination

In 2009, the estimated overall prevalence of influenza vaccination during the preceding 12 months among adults aged  $\geq 65$  years ranged from 26.8% in Puerto Rico to 76.8% in Minnesota (median: 69.8%) (Table 10). Among selected MMSAs, the estimated prevalence ranged from 55.4% in Idaho Falls, Idaho, to 81.4% in Durham, North Carolina (median: 70.3%) (Table 11). Among selected counties, the estimated prevalence ranged from 50.5% in Hudson County, New Jersey, to 83.5% in Monroe County, New York (median: 71.3%) (Table 12).

### Pneumococcal Vaccination

In 2009, the estimated overall prevalence of pneumococcal vaccination among adults aged  $\geq 65$  years ranged from 19.1% in Guam to 73.9% in Colorado (median: 68.1%) (Table 13). Among selected MMSAs, the estimated prevalence ranged from 52.9% in Idaho Falls, Idaho, to 81.3% in Casper, Wyoming (median: 69.5%) (Table 14). Among selected counties, the estimated prevalence ranged from 41.9% in Hudson County, New Jersey, to 82.0% in Stone County, Mississippi (median: 69.9%) (Table 15).

### Blood Cholesterol Checked During Preceding 5 Years

In 2009, the estimated overall prevalence among adults aged  $\geq 18$  years of having blood cholesterol checked during the preceding 5 years ranged from 67.5% in Utah to 85.3% in the District of Columbia (median: 77.0%) (Table 16). Among

selected MMSAs, the estimated prevalence ranged from 58.2% in McAllen–Edinburg–Mission, Texas, to 88.8% in Miami–Fort Lauderdale–Pompano Beach, Florida (median: 78.2%) (Table 17). Among selected counties, the estimated prevalence ranged from 58.2% in Hidalgo County, Texas, to 92.4% in Westchester County, New York (median: 79.0%) (Table 18).

### Nutrition

In 2009, the estimated overall prevalence among adults aged  $\geq 18$  years of consuming at least five servings of fruits or vegetables per day ranged from 14.6% in Oklahoma to 31.5% in the District of Columbia (median: 23.5%) (Table 19). Among selected MMSAs, the estimated prevalence ranged from 12.6% in Sioux Falls, South Dakota, to 33.0% in Concord, New Hampshire (median: 23.8%) (Table 20). Among selected counties, the estimated prevalence ranged from 13.4% in Minnehaha County, South Dakota, to 34.9% in Travis County, Texas (median: 24.0%) (Table 21).

### Physical Activity

Moderate or vigorous physical activity was defined as participating in moderate exercise (e.g., brisk walking, bicycling, vacuuming, gardening, or anything else that causes a small increase in breathing and heart rate on at least 5 days per week for at least 30 minutes each day) or vigorous exercise (e.g., running, aerobics, heavy yard work, or anything else that causes a large increase in breathing and heart rate on  $\geq 3$  days per week for at least 20 minutes each day) other than the respondent's regular work in a usual week. In 2009, the estimated overall prevalence of moderate or vigorous physical activity among adults aged  $\geq 18$  years ranged from 28.0% in Puerto Rico to 60.7% in Alaska (median: 50.7%) (Table 22). Among selected MMSAs, the estimated prevalence ranged from 34.6% in Charleston, West Virginia, to 64.9% in Barre, Vermont (median: 50.7%) (Table 23). Among selected counties, the estimated prevalence ranged from 33.6% in Harrison County, Mississippi, to 67.3% in Summit County, Utah (median: 50.9%) (Table 24).

In 2009, the estimated overall prevalence of vigorous physical activity among adults aged  $\geq 18$  years ranged from 13.7% in Puerto Rico to 40.1% in Alaska (median: 29.3%) (Table 25). Among selected MMSAs, the estimated prevalence ranged from 13.8% in Charleston, West Virginia, to 43.3% in Bozeman, Montana (median: 29.7%) (Table 26). Among selected counties, the estimated prevalence of vigorous physical activity ranged from 14.2% in Sullivan County, Tennessee, to 50.0% in Summit County, Utah (median: 29.5%) (Table 27).



## Health Risk Behaviors and Conditions

### Current Cigarette Smoking

Respondents were categorized as current smokers if they reported having smoked at least 100 cigarettes during their lifetime and indicated that they smoked every day or occasionally at the time of the survey. In 2009, the estimated overall prevalence of current smokers among adults aged  $\geq 18$  years ranged from 6.4% in the U.S. Virgin Islands to 25.6% in both Kentucky and West Virginia (median: 17.9%) (Table 28). Among selected MMSAs, the estimated prevalence ranged from 5.7% in Provo–Orem, Utah, to 29.0% in Myrtle Beach–North Myrtle Beach–Conway, South Carolina (median: 17.4%) (Table 29). Among selected counties, the estimated prevalence ranged from 5.6% in Utah County, Utah, to 29.8% in Vanderburgh County, Indiana (median: 16.9%) (Table 30).

### Binge Drinking

Binge drinking was defined as adult men having five or more drinks and adult women having four or more drinks on at least one occasion during the last 30 days. In 2009, the estimated overall prevalence of binge drinking among adults aged  $\geq 18$  years ranged from 6.8% in Tennessee to 23.9% in Wisconsin (median: 15.5%) (Table 31). Among selected MMSAs, the estimated prevalence of binge drinking ranged from 3.5% in Provo–Orem, Utah, to 23.2% in Butte–Silver Bow, Montana (median: 15.5%) (Table 32). Among selected counties, the estimated prevalence ranged from 3.4% in Utah County Utah, to 26.3% in Macomb County, Michigan (median: 15.5%) (Table 33).

### Heavy Drinking

Heavy drinking was defined as adult men having more than two drinks and adult women having more than one drink per day during the last 30 days. In 2009, the estimated overall prevalence of heavy drinking among adults aged  $\geq 18$  years ranged from 1.9% in Tennessee to 8.1% in Vermont (median: 5.1%) (Table 34). Among selected MMSAs, the estimated prevalence of heavy drinking ranged from 1.0% in Provo–Orem, Utah, to 11.1% in Kapaa, Hawaii (median: 5.1%) (Table 35). Among selected counties, the estimated prevalence ranged from 0.9% in Utah County, Utah, to 11.1% in Kauai County, Hawaii (median: 5.1%) (Table 36).

### No Leisure-Time Physical Activity

No leisure-time physical activity was defined by the respondent's indication of no participation in exercise (e.g., running, calisthenics, golf, gardening, or walking for exercise) other than their regular job during the preceding month. In 2009, the estimated overall prevalence of no leisure-time physical activity

among adults aged  $\geq 18$  years ranged from 15.8% in Minnesota to 45.6% in Puerto Rico (median: 24.2%) (Table 37). Among selected MMSAs, the estimated prevalence ranged from 13.3% in Provo–Orem, Utah, to 40.2% in McAllen–Edinburg–Mission, Texas (median: 23.4%) (Table 38). Among selected counties, the estimated prevalence ranged from 10.5% in Douglas County, Colorado, to 40.2% in Hidalgo County, Texas (median: 22.6%) (Table 39).

### Overweight

Self-reported weight and height were used to calculate body mass index (BMI) (weight [kg]/height [m<sup>2</sup>]). Respondents were categorized as being overweight if their BMI was  $\geq 25.0$  kg/m<sup>2</sup> but  $< 30.0$  kg/m<sup>2</sup>. In 2009, the estimated overall prevalence of overweight among adults aged  $\geq 18$  years ranged from 31.6% in the District of Columbia to 38.7% in Iowa (median: 36.2%) (Table 40). Among selected MMSAs, the estimated prevalence ranged from 28.7% in both Chattanooga, Tennessee–Georgia and Lake Charles, Louisiana, to 44.1% in Hilton Head Island–Beaufort, South Carolina (median: 36.7%) (Table 41). Among selected counties, the estimated prevalence ranged from 25.6% in Orange County, North Carolina, to 46.7% in Henderson County, North Carolina (median: 36.7%) (Table 42).

### Obesity

Respondents were categorized as being obese if their BMI was  $\geq 30.0$  kg/m<sup>2</sup>. Obesity analyses were restricted to adults aged  $\geq 20$  years to permit comparison with the HP 2010 objective (objective no. 19.2) (6). In 2009, the estimated overall prevalence of obesity among adults aged  $\geq 20$  years ranged from 19.7% in Colorado to 36.0% in Mississippi (median: 28.0%) (Table 43). Among selected MMSAs, the estimated prevalence ranged from 15.4% in Bozeman, Montana, to 43.6% in Houma–Bayou Cane–Thibodaux, Louisiana (median: 27.9%) (Table 44). Among selected counties, the estimated prevalence ranged from 13.8% in Douglas County, Colorado, to 45.7% in Terrebonne Parish, Louisiana (median: 27.3%) (Table 45).

### Insufficient Rest or Sleep

Insufficient rest or sleep was defined by the respondent's indication of not getting enough rest or sleep for at least 14 days during the preceding month. In 2009, the estimated overall prevalence of insufficient rest or sleep among adults aged  $\geq 18$  years ranged from 34.3% in Virgin Islands to 52.6% in West Virginia (median: 39.3%) (Table 46). Among selected MMSAs, the estimated prevalence ranged from 28.2% in Dallas–Plano–Irving, Texas, to 54.8% in Huntington–Ashland, West Virginia–Kentucky–Ohio (median: 39.5%) (Table 47). Among selected counties, the estimated prevalence ranged from 24.5% in Douglas County, Washington,



to 55.6% in Cumberland County, North Carolina (median: 39.3%) (Table 48).

## Cardiovascular Conditions

### High Blood Pressure

Prevalence of high blood pressure was assessed by asking respondents aged  $\geq 20$  years if they had ever been told by a doctor, nurse, or other health professional that they had high blood pressure. Adults who reported having prehypertension or borderline high blood pressure and women who reported having high blood pressure during pregnancy were not considered hypertensive for these analyses. In 2009, the estimated overall prevalence of high blood pressure ranged from 22.1% in Minnesota to 38.5% in Mississippi (median: 29.6%) (Table 49). Among selected MMSAs, the estimated prevalence ranged from 18.8% in Greeley, Colorado to 43.9% in Alexandria, Louisiana (median: 29.4%) (Table 50). Among selected counties, the estimated prevalence ranged from 17.2% in Riley County, Kansas, to 43.6% in Rapides Parish, Louisiana (median: 29.1%) (Table 51).

### High Blood Cholesterol

Respondents aged  $\geq 20$  years were categorized as having high blood cholesterol if they ever had their blood cholesterol checked and were told by a doctor, nurse, or other health-care professional that their blood cholesterol was high. In 2009, the estimated overall prevalence of high blood cholesterol ranged from 24.9% in Guam to 42.2% in South Carolina (median: 38.1%) (Table 52). Among selected MMSAs, the estimated prevalence of high blood cholesterol ranged from 27.5% in Gallup, New Mexico, to 47.8% in Gulfport–Biloxi, Mississippi (median: 38.2%) (Table 53). Among selected counties, the estimated prevalence ranged from 26.7% in Hampshire County, Massachusetts, to 51.4% in Hancock County, Mississippi (median: 37.7%) (Table 54).

### Coronary Heart Disease

Respondents aged  $\geq 18$  years were categorized as having coronary heart disease if they reported having ever been told by a doctor, nurse, or other health professional that they had coronary heart disease, angina, or a heart attack. In 2009, the estimated overall prevalence of coronary heart disease ranged from 2.5% in the U.S. Virgin Islands to 10.3% in West Virginia (median: 5.9%) (Table 55). Among selected MMSAs, the estimated prevalence ranged from 2.6% in Provo–Orem, Utah, to 11.6% in Huntington–Ashland, West Virginia–Kentucky–Ohio (median: 6.3%) (Table 56). Among selected counties, the estimated prevalence ranged from 1.6%

in Summit County, Utah, to 12.3% in Westmoreland County, Pennsylvania (median: 5.5%) (Table 57).

### Stroke

Respondents aged  $\geq 18$  years were categorized as having a history of stroke if they reported having ever been told by a doctor, nurse, or other health professional that they had a stroke. In 2009, among adults aged  $\geq 18$  years, the estimated overall prevalence of stroke ranged from 1.4% in Colorado to 3.9% in both Alabama and Oklahoma (median: 2.4%) (Table 58). Among selected MMSAs, the estimated prevalence of stroke ranged from 0.8% in Heber, Utah, to 5.9% in Gulfport–Biloxi, Mississippi (median: 2.3%) (Table 59). Among selected counties, the estimated prevalence ranged from 0.8% in both Adams County, Colorado, and Wasatch County, Utah, to 6.6% in Harrison County, Mississippi (median: 2.3%) (Table 60).

## Chronic Illness and Disabilities

### Diabetes

The prevalence of diagnosed diabetes was assessed by asking respondents if they had ever been told by a doctor that they had diabetes. Those who answered in the affirmative were considered to have diabetes. Specific types of diabetes (e.g., Type 1 or Type 2) were not assessed. Adults reporting gestational, borderline, or prediabetes were not considered to have diabetes for these analyses. In 2009, the estimated overall prevalence of diagnosed diabetes among adults aged  $\geq 18$  years ranged from 5.8% in Alaska to 12.9% in Puerto Rico (median: 8.4%) (Table 61). Among selected MMSAs, the estimated prevalence ranged from 2.8% in Bozeman, Montana, to 15.4% in Kingsport–Bristol–Bristol, Tennessee–Virginia (median: 8.2%) (Table 62). Among selected counties, the estimated prevalence ranged from 2.8% in Gallatin County, Montana, to 14.7% in Sullivan County, Tennessee (median: 8.3%) (Table 63).

### Cancer

The prevalence of cancer was assessed by asking respondents if they had ever been told by a doctor, nurse, or other health professional that they had cancer. Those who answered in the affirmative were considered to have had cancer. Specific sites and types of cancer also were assessed but are not reported in this summary because of limited space. In 2009, the estimated overall prevalence of cancer among adults aged  $\geq 18$  years ranged from 3.0% in Guam to 12.6% in Oregon (median: 9.9%) (Table 64). Among selected MMSAs, the estimated prevalence ranged from 5.8% in Gallup, New Mexico, to 15.1% in Asheville, North Carolina (median: 9.7%) (Table 65). Among selected counties, the estimated prevalence ranged from 3.9%

in Clayton County, Georgia, to 16.2% in Buncombe County, North Carolina (median: 9.6%) (Table 66).

### Current Asthma

Respondents aged  $\geq 18$  years were categorized as currently having asthma if they reported having ever been told by a doctor, nurse, or other health-care professional that they had asthma and still had it during the survey. In 2009, the estimated overall prevalence of current asthma ranged from 4.4% in the U.S. Virgin Islands to 11.1% in Oregon (median: 8.8%) (Table 67). Among selected MMSAs, the estimated prevalence ranged from 3.2% in McAllen–Edinburg–Mission, Texas, to 15.3% in Rochester, New York (median: 8.5%) (Table 68). Among selected counties, the estimated prevalence ranged from 3.2% in Hidalgo County, Texas, to 15.7% in Monroe County, New York (median: 8.2%) (Table 69).

### Arthritis

Respondents aged  $\geq 18$  years were categorized as having arthritis if they reported having ever been told by a doctor that they had some form of arthritis. Arthritis diagnoses included rheumatism and polymyalgia rheumatica; osteoarthritis (not osteoporosis); tendonitis, bursitis, bunion, and tennis elbow; carpal tunnel syndrome and tarsal tunnel syndrome; joint infection and Reiter's syndrome; ankylosing spondylitis; spondylosis; rotator cuff syndrome; connective tissue disease; scleroderma; and polymyositis, Raynaud's syndrome, or vasculitis (giant cell arteritis, Henoch-Schonlein purpura, Wegener's granulomatosis, and polyarteritis nodosa). In 2009, the estimated overall prevalence of arthritis ranged from 10.7% in Guam to 35.6% in Kentucky (median: 25.9%) (Table 70). Among selected MMSAs, the estimated prevalence of arthritis ranged from 16.2% in Gallup, New Mexico; Lawrence, Kansas; and Provo–Orem, Utah, to 36.0% in Butte–Silver Bow, Montana (median: 25.8%) (Table 71). Among selected counties, the estimated prevalence ranged from 12.6% in Cobb County, Georgia, to 39.4% in Harrison County, Mississippi (median: 25.5%) (Table 72).

### Activity Limitation

Respondents aged  $\geq 18$  years were categorized as having activity limitation if they reported any limitation of activities because of physical, mental, or emotional problems. In 2009, the estimated overall prevalence of limitations in activities because of physical, mental, or emotional problems ranged from 10.2% in the U.S. Virgin Islands to 27.1% in West Virginia (median: 18.7%) (Table 73). Among selected MMSAs, the estimated prevalence ranged from 13.1% in Santa Ana–Anaheim–Irvine, California, to 33.7% in Gulfport–Biloxi, Mississippi (median: 18.6%) (Table 74). Among selected counties, the estimated

prevalence ranged from 10.4% in Sarpy County, Nebraska, to 36.1% in Harrison County, Mississippi (median: 18.5%) (Table 75).

### Special Equipment Requirement

Respondents aged  $\geq 18$  years were categorized as using special equipment because of a health problem if they used a cane, wheelchair, special bed, or special telephone occasionally or in certain circumstances. In 2009, the estimated overall prevalence who persons who reported requiring special equipment because of a health problem ranged from 3.6% in the U.S. Virgin Islands to 10.2% in both Alabama and West Virginia (median: 7.0%) (Table 76). Among selected MMSAs, the estimated prevalence ranged from 3.4% in Heber, Utah, to 11.5% in both Gulfport–Biloxi, Mississippi and Huntington–Ashland, West Virginia–Kentucky–Ohio (median: 6.9%) (Table 77). Among selected counties, the estimated prevalence ranged from 1.7% in Summit County, Utah to 13.0% in both Baltimore City, Maryland, and George County, Mississippi (median: 6.7%) (Table 78).

Comparisons between the selected HP 2010 objectives and estimated prevalence ranges by states/territories, MMSAs, and counties in 2009 BRFSS have been provided (Table 79). The results indicated that certain HP 2010 goals have not been achieved in some states, territories, and local areas.

## Discussion

The findings in this report indicate that substantial variations exist in the estimated prevalence of health status, health-care coverage, use of preventative health practices and services, health risk behaviors and conditions, cardiovascular conditions, other chronic diseases, and health impairments and disabilities among U.S. adults at the state and territory, MMSA, and county levels. These variations might reflect differences in the demographic factors of respondents, including age, race, and sex distribution of the population; socioeconomic conditions including education level attained, income level and employment status; state laws and local ordinances; availability and access to health-care services; use of preventive health-care services; and patterns of reimbursement for preventive health-care services.

HP 2010 established targets for certain health indicators and health behaviors to be attained by 2010 (6). The findings provided in this report indicate that as of 2009, certain HP 2010 goals had not been attained. For example, in 2009, no state and territory, MMSA, or county achieved the HP 2010 objectives for health-care coverage, vaccination against influenza, high blood pressure, or high blood cholesterol.

## Health Status Indicators

### Health Status

Self-rated general health status encompasses physical health, mental health, and functional capacity of persons (11) and is a proxy indicator for perceived burden of acute and chronic health conditions (12). Substantial variations in fair or poor health at the state and local level suggest differences in the underlying burden of chronic diseases, health-care coverage, and health behaviors among states and territories, MMSAs, and counties.

### Health-Care Coverage

The HP 2010 objective for health-care coverage is 100% (6). Lack of health-care coverage might have an adverse impact on health because it is associated with access to and use of preventive health-care services that include blood pressure, cholesterol, and cancer screenings (e.g., mammography, and Pap test) (13). In 2009, no state and territory, MMSA, or county achieved the HP 2010 objective of 100% health-care coverage.

## Preventive Practices

The risks for complications, hospitalizations, and deaths from influenza and pneumonia are highest among persons aged  $\geq 65$  years (14,15). Influenza and pneumonia vaccination among older adults (aged  $\geq 65$  years) is a key public health strategy in the United States (16). The HP 2010 target for adults aged  $\geq 65$  years who had annual influenza vaccination is 90% (objective no. 14.29a), and the HP 2010 target for adults aged  $\geq 65$  years who had annual vaccination against pneumococcal disease is 90% (objective no. 14.29b) (6). In 2009, no state and territory or county met the HP 2010 target of 90% (6). The reasons for inadequate coverage include lack of knowledge, misconceptions about vaccines and vaccine-associated illness, and lack of recommendations by physicians (17,18). The strategies offered by the Task Force on Community Preventive Services to improve immunization among adults can be employed at the state and local levels (19).

## Health Risk Behaviors and Conditions

### Consumption of Fruits and Vegetables

Consuming adequate fruits and vegetables can help maintain healthy weight and reduce the risk for cardiovascular conditions and certain cancers (20,21). The 2005 Dietary Guidelines for Americans (20) recommended that U.S. residents consume five to 13 servings of fruits and vegetables per day. BRFSS uses five servings as a measure of fruit or vegetable daily consumption. In 2009, the prevalence of daily consumption of five or more

servings of fruit or vegetables ranged from 14.6% to 31.5% across states and territories, indicating a need to increase public awareness of the overall benefits of consuming fruits and vegetables. In addition, sustained and effective public health efforts are needed to promote the importance of eating more fruits and vegetables (22).

### Physical Activity

HP 2010 goals are to increase prevalence of moderate physical activity to 50% (objective no. 22.2) and vigorous physical activity to 30% (objective no. 22.3) (6). Despite the proven benefit of physical activity (23), prevalence of moderate and vigorous physical activity is still low. In 2009, approximately half of states and territories, MMSAs, and counties had not met the HP 2010 goal for moderate or vigorous physical activity. Recommended strategies to increase physical activity include communitywide campaigns, signage to encourage stair use near elevators and escalators, individually adapted health-behavior change programs, school physical education, social support interventions in community settings, and the creation of or enhanced access to places for physical activity combined with informational outreach activities (24). According to the 2008 Physical Activity Guidelines for Americans, in addition to conducting muscle strengthening activities on  $\geq 2$  days a week that work all major muscle groups (legs, hips, back, abdomen, chest, shoulders, and arms), adults should do at least 2 hours and 30 minutes of moderate aerobic exercise (i.e., brisk walking) every week or 1 hour and 15 minutes of vigorous aerobic exercise (i.e., jogging or running) every week (25).

### Cigarette Smoking

Cigarette smoking remains the most preventable cause of morbidity, disability, and mortality in the United States (26). Smoking causes many types of cancer, cardiovascular, and pulmonary diseases (27). Health consequences of breathing secondhand smoke include pediatric respiratory problems, cardiovascular disease, and lung cancer in adults (28). Only three states and territories, 15 MMSAs, and 36 counties met the HP 2010 target for smoking (12%) (6). In addition to recent legislation (i.e., Family Smoking Prevention and Tobacco Control Act [Public Law 111-31]) at the national level, these results indicate a need for continued implementation of comprehensive tobacco-control programs at the state and local levels. Such programs have been described previously (29).

### Binge Drinking

Excessive alcohol consumption is a leading preventable cause of death in the United States (30,31). Binge and heavy drinking can lead to risky sexual activity, unintentional injuries and accidents, falls, violence, and suicide (32,33). The HP 2010



target is to reduce binge drinking to 13.4% (objective no. 26.11) (6). Only 17 states and territories, 50 MMSAs, and 75 counties met the national target for binge drinking. Compared with other adverse health behaviors (e.g., smoking), binge drinking has not been subjected to intense prevention efforts (34). The differences in binge drinking among states, MMSAs, and counties might reflect cultural factors and differences in state and local laws that affect the price, availability, and marketing of alcoholic beverages (35,36). Population-based prevention efforts to reduce binge drinking should be initiated and strengthened (37).

### No Leisure-Time Physical Activity

The HP 2010 objective is to reduce the proportion of adults who engage in no leisure-time physical activity to 20% (objective no. 22-1) (6). In 2009, only eight states, 46 MMSAs, and 93 counties met the national target for no leisure-time physical activity. Continued efforts are needed to promote leisure-time physical activity in the general population and in population subgroups. Science-based recommendations have been published for several populations, including children and adolescents aged 6–17 years, adults aged 18–64 years, adults aged ≥65 years, and persons with disabilities (25). A toolkit has been developed to assist organizations in promoting physical activity in their communities (25).

### Overweight and Obesity

The prevalence of overweight and obesity continues to be a critical public health problem (4,5,38,39). The HP 2010 target is to reduce the proportion of adults aged ≥20 years who are obese to <15% (objective no. 19-2). In 2009, the estimated prevalence of overweight among states and territories ranged from 31.6%–38.7%, and the prevalence of obesity among adults aged ≥20 years ranged from 19.7% to 36.0% across states and territories. No state or territory, no MMSA, and only four counties (i.e., Douglas County, Colorado [13.8%]; San Francisco County, California [14.0%]; New York County, New York [14.0%]; and Summit County, Utah [14.8%]) met the HP 2010 target for obesity. However, the estimated prevalence of obesity for counties during 2009 (13.8%–45.7%) did not increase substantially from 2008 (12.9%–39.9%) (4) and 2007 (13.8%–37.6%) (5). These results are similar to those of the National Health and Nutrition Examination Survey (38,39), suggesting that the increasing trend in obesity prevalence might have slowed. Nevertheless, because prevalence of overweight and obesity continues to be high, extensive public health programs that target healthy life styles remain necessary to control overweight and obesity at the state and local levels (40).

### Insufficient Rest or Sleep

A recent study indicated that, compared with persons reporting no days of insufficient rest or sleep, those reporting 14–29 days and those reporting ≥30 days of insufficient rest or sleep had approximately 33% and 67% increased likelihood of having any cardiovascular diseases (including coronary heart disease and stroke), 15% and 31% increased likelihood of having diabetes, and 36% and 51% increased likelihood of having obesity, respectively (41). In 2009, nearly one third to half of adults across states and territories or MMSAs, and one fourth to half of adults across counties reported insufficient rest or sleep for ≥14 days during the preceding month, suggesting a potential health issue among U.S. adults. Future studies might be needed to assess the predictors or correlations of insufficient rest or sleep. Furthermore, because health risk behaviors and conditions tend to cluster together (42) and are associated with impairment of health-related quality of life and self-rated health (42,43), greater efforts might be needed to develop and implement interventions that address multiple health risk factors and conditions.

## Cardiovascular Conditions

### Heart Disease and Stroke

Heart disease and stroke are the first and third leading causes of death, respectively, in the United States (1). No substantial change occurred in the prevalence of coronary heart disease in 2009 (2.5%–10.3%) compared with that reported in 2007 (2.8%–10.7%) (5). Meanwhile, the prevalence of stroke in 2009 (1.4%–3.9%) was similar to that in 2007 (1.1%–3.7%) (5). High blood pressure and high blood cholesterol are important modifiable risk factors for cardiovascular disease (44). High blood pressure and high cholesterol are relatively easy to monitor and should be maintained at an optimal level (45,46). In 2009, according to the HP 2010 objectives, no state or territory, MMSA, or county met the target for reducing the proportion of adults with high blood pressure (14%; objective no. 12.9) or the target for reducing the proportion of adults with high blood cholesterol (17%; objective no. 12.14). These findings indicate a need for more public health efforts to reduce high blood pressure and high blood cholesterol. Approaches to prevent or control high blood pressure include engaging in moderate physical activity; maintaining normal body weight; limiting consumption of alcohol; reducing intake of sodium; maintaining adequate intake of potassium; and consuming a diet rich in fruits, vegetables, and low-fat dairy products (47). Strategies suggested by the National High Blood Pressure Education Program (46) and the National Cholesterol Education Program (45) can be applied at the



state and local levels to help reduce high blood pressure and high blood cholesterol.

## Chronic Diseases

### Diabetes

Approximately 25.6 million (11.3%) adults aged  $\geq 20$  years were estimated to have diabetes in 2010 (48). The estimated prevalence of diabetes among persons aged  $\geq 18$  years ranged from 5.8% to 12.9% among states and territories. Persons with diabetes are more likely to have cardiovascular disease, high blood pressure, high cholesterol, complications during pregnancy, and mental disorders (48–50). These diseases and conditions can be prevented by controlling blood glucose through healthy eating, physical activity, medication, and receipt of proper preventive health-care services (48). Moreover, clustering of multiple healthy lifestyle habits might improve health-related quality of life among persons with diabetes (51).

### Cancer

Cancer is the second leading causes of death in the United States (52). Because of early detection and medical advances in clinical treatment, persons are living many years after receiving a cancer diagnosis. Approximately 11.7 million Americans were living with cancer in 2007 (53). In 2009, approximately 9.9% of U.S. adults had cancer (range: 3.0%–12.6%). Since cancer survivors core questions were included in the BRFSS for the first time in 2009, these prevalence estimates can be used as baseline rates for monitoring prevalence trends in future surveys.

### Asthma

Asthma, a chronic inflammatory disorder of airways, is a major cause of morbidity related to the limitation of activities, increased hospital admissions and emergency department visits, and loss of workdays in the United States (54,55). The majority of asthma symptoms can be prevented with appropriate medication, medical care, and self-management. Guidelines to control asthma are provided by the National Asthma Education and Prevention Program (55). During 2001–2003, approximately 20 million persons in the United States had asthma annually (54). In 2009, the estimated median current asthma prevalence among persons aged  $\geq 18$  years was 8.8%, which is similar to the prevalence estimates in 2008 (8.8%) (4) and 2007 (8.3%) (5).

### Arthritis

In 2009, arthritis continued to be the most common cause of disabilities in the United States with approximately 25% of U.S. adults affected (56). Strategies to reduce the burden of arthritis

among persons include being more physically active, controlling weight, and learning self-management techniques (e.g., those developed by the Arthritis Foundation Self-Help Program or the Chronic Disease Self-Management Program) (56).

## Disabilities

### Activity Limitations and Use of Assistive Technology

Limitation in activities because of physical, mental, or emotional problems or disabilities severely affect quality of life (57). In 2009, approximately 18.7% of U.S. adults in states and territories had activity limitations (range: 10.2%–27.1%), which is similar to the prevalence estimates in 2008 (20.4%; range: 9.8%–29.5%) (4) and 2007 (18.8%; range: 10.3%–25.9%) (5). Persons with disabilities are less likely to use preventive health services and to participate in healthy behaviors (e.g., physical activity and nonsmoking) and are more likely to have higher rates of chronic conditions (e.g., depression, diabetes, obesity, and hypertension) compared with persons without disabilities (58). Moreover, disability is closely related to excessive medical expenditures and loss of productivity. The estimated disability-related costs are approximately \$300 billion annually in the United States (59). Rates of severe disability have been declining among older populations; however, during the preceding 2 decades, the prevalence of disability has been rising among young and working-age populations, particularly among those with obesity and comorbidities (60).

In 2009, the estimated prevalence of special equipment usage (e.g., a cane, wheelchair, special bed or special telephone) because of any health problem was 7.0% (range: 3.6%–10.2%). For persons with disabilities, access to assistive technology can assist with functioning, independence, maintaining physical and mental health, and participation in community life (e.g., work, school, social functions) (61,62). As the population ages and the prevalence of disabilities increases, it is essential to continue disability surveillance in the United States, to increase the quality of years lived among those with disabilities, and to increase access to needed assistive devices and technologies.

## Limitations

The findings in this report are subject to at least five limitations. First, BRFSS is a household telephone survey that excludes persons in institutions, nursing homes, long-term-care facilities, and correctional institutions; therefore, results might not be generalizable to these populations. Second, increases in the number of cell-phone-only households and telephone number portability might lead to decreases in the response rate in BRFSS land-line based surveys (63). In 2009, BRFSS

began collecting data on use of multimode communications modalities (e.g., cell-phone-only households only, and both cell phone and landline households). However, these data are not available for all states and territories and are not included in this report. Third, BRFSS is conducted in several languages other than English (i.e., Spanish, Chinese [Mandarin], and Portuguese) but does not provide data on persons who speak other languages. Fourth, estimates for some health status indicators could not be obtained for all MMSAs and counties, and consequently these MMSAs and counties were not ranked on these health status indicators. Finally, BRFSS data are self-reported and are subject to recall bias and social desirability effects.

Despite these limitations, BRFSS is a cost-effective, timely, and flexible survey that provides reliable and valid estimates of health risk behaviors and conditions, use of preventive health-care services, cardiovascular conditions, other chronic diseases, and health impairments and disabilities at the national, state, and local levels (64,65). BRFSS data have been demonstrated to provide reliable and valid estimates when compared with national household surveys (7,66) and often are the only timely sources of data available to states and communities to assess local health conditions and to accurately track progress of health promotion programs and strategies.

## Conclusion

Because many of the Healthy People 2010 objectives were not achieved in some states, territories, and local areas, continuing to monitor the trends and geographic disparities in health risk behaviors and health conditions, use of preventive health services, chronic diseases, and health impairment and disabilities at state and local levels is warranted. BRFSS data can be used to identify states and local areas that may need additional resources, support, and/or to refocus their efforts on population groups most in need. In addition, the BRFSS survey facilitates effective program evaluation, and can be used to evaluate and improve public health interventions and demonstrate accountability to stakeholders. Moreover, results from BRFSS are used to identify emerging health problems, to support health-related legislative efforts, to develop and evaluate public health policies and programs, and to monitor progress toward achieving HP 2010 and HP 2020 objectives.

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**TABLE 1. Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,767	21.6	0.7	(20.2–23.0)
Alaska	2,415	11.3	0.9	(9.5–13.1)
Arizona	5,316	14.5	0.8	(12.9–16.1)
Arkansas	3,994	19.7	0.9	(18.0–21.4)
California	17,384	19.6	0.4	(18.7–20.5)
Colorado	11,897	12.0	0.4	(11.2–12.8)
Connecticut	6,382	10.3	0.5	(9.3–11.3)
Delaware	4,352	12.9	0.7	(11.5–14.3)
District of Columbia	3,798	10.9	0.6	(9.7–12.1)
Florida	11,983	16.5	0.6	(15.2–17.8)
Georgia	5,865	15.4	0.7	(14.0–16.8)
Hawaii	6,676	13.8	0.6	(12.6–15.0)
Idaho	5,382	15.2	0.6	(14.0–16.4)
Illinois	5,845	15.2	0.6	(14.0–16.4)
Indiana	9,263	16.4	0.5	(15.4–17.4)
Iowa	6,005	11.4	0.5	(10.5–12.3)
Kansas	18,869	12.3	0.3	(11.7–12.9)
Kentucky	9,649	22.8	0.7	(21.4–24.2)
Louisiana	8,869	20.8	0.6	(19.7–21.9)
Maine	8,061	13.4	0.4	(12.5–14.3)
Maryland	8,384	12.9	0.5	(11.8–14.0)
Massachusetts	16,699	12.0	0.4	(11.3–12.7)
Michigan	9,228	14.8	0.5	(13.9–15.7)
Minnesota	5,603	10.1	0.5	(9.1–11.1)
Mississippi	11,159	21.4	0.5	(20.4–22.4)
Missouri	5,047	16.1	0.7	(14.6–17.6)
Montana	7,603	14.5	0.6	(13.3–15.7)
Nebraska	15,957	13.1	0.5	(12.1–14.1)
Nevada	3,833	15.9	1.0	(13.9–17.9)
New Hampshire	5,803	12.1	0.6	(10.9–13.3)
New Jersey	12,333	14.6	0.5	(13.6–15.6)
New Mexico	8,824	17.1	0.6	(16.0–18.2)
New York	6,904	14.8	0.6	(13.6–16.0)
North Carolina	13,246	18.1	0.6	(16.8–19.4)
North Dakota	4,756	11.6	0.5	(10.6–12.6)
Ohio	9,522	15.9	0.5	(14.9–16.9)
Oklahoma	7,816	19.6	0.6	(18.5–20.7)
Oregon	4,289	13.1	0.7	(11.8–14.4)
Pennsylvania	9,149	14.8	0.5	(13.8–15.8)
Rhode Island	5,999	12.7	0.5	(11.6–13.8)
South Carolina	9,775	16.3	0.6	(15.2–17.4)
South Dakota	6,812	12.2	0.5	(11.1–13.3)
Tennessee	5,566	21.3	0.8	(19.8–22.8)
Texas	11,558	16.0	0.6	(14.9–17.1)
Utah	10,122	10.8	0.4	(10.0–11.6)
Vermont	6,657	10.9	0.5	(10.0–11.8)
Virginia	5,157	14.2	0.9	(12.5–15.9)
Washington	20,227	13.6	0.3	(13.0–14.2)
West Virginia	4,811	23.7	0.7	(22.3–25.1)
Wisconsin	4,548	11.9	0.7	(10.6–13.2)
Wyoming	6,040	12.4	0.5	(11.4–13.4)
Guam	1,265	19.9	1.4	(17.2–22.6)
Puerto Rico	4,226	30.9	0.9	(29.2–32.6)
Virgin Islands	2,488	14.4	0.9	(12.7–16.1)
<i>Median</i>		14.6		
<i>Range</i>		10.1–30.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate their general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported having fair or poor health and those who reported having good, very good, or excellent health.



**TABLE 2. Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	763	18.1	2.0	(14.2–22.0)
Albuquerque, New Mexico	2,608	14.1	0.9	(12.4–15.8)
Alexandria, Louisiana	527	22.0	2.2	(17.7–26.3)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	859	13.3	1.8	(9.7–16.9)
Anchorage, Alaska	511	9.1	1.4	(6.4–11.8)
Asheville, North Carolina	846	12.6	1.2	(10.2–15.0)
Atlanta–Sandy Springs–Marietta, Georgia	2,326	12.7	1.2	(10.3–15.1)
Atlantic City–Hammonton, New Jersey	927	16.9	1.6	(13.7–20.1)
Augusta–Richmond County, Georgia–South Carolina	876	18.1	1.9	(14.4–21.8)
Augusta–Waterville, Maine	655	14.2	1.7	(10.9–17.5)
Austin–Round Rock, Texas	1,612	11.2	1.2	(8.9–13.5)
Baltimore–Towson, Maryland	3,042	13.3	0.8	(11.7–14.9)
Bangor, Maine	732	13.6	1.4	(10.9–16.3)
Barre, Vermont	691	9.1	1.2	(6.7–11.5)
Baton Rouge, Louisiana	1,207	17.8	1.4	(15.0–20.6)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,573	10.2	1.2	(7.9–12.5)
Billings, Montana	623	14.2	1.6	(11.0–17.4)
Birmingham–Hoover, Alabama	1,161	18.0	1.5	(15.1–20.9)
Bismarck, North Dakota	741	10.8	1.5	(7.8–13.8)
Boise City–Nampa, Idaho	1,282	14.1	1.2	(11.7–16.5)
Boston–Quincy, Massachusetts <sup>†</sup>	3,400	12.0	0.8	(10.5–13.5)
Bozeman, Montana	588	9.6	2.4	(4.8–14.4)
Bremerton–Silverdale, Washington	933	10.8	1.1	(8.7–12.9)
Bridgeport–Stamford–Norwalk, Connecticut	1,898	9.0	0.9	(7.2–10.8)
Buffalo–Niagara Falls, New York	551	11.7	1.6	(8.6–14.8)
Burlington–South Burlington, Vermont	1,929	9.4	0.8	(7.8–11.0)
Butte–Silver Bow, Montana	577	19.0	2.1	(14.8–23.2)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,080	8.6	0.7	(7.3–9.9)
Camden, New Jersey <sup>†</sup>	1,683	12.2	1.0	(10.3–14.1)
Canton–Massillon, Ohio	704	19.0	2.0	(15.0–23.0)
Casper, Wyoming	773	12.7	1.4	(10.0–15.4)
Cedar Rapids, Iowa	595	9.9	1.4	(7.1–12.7)
Charleston, West Virginia	855	25.8	1.7	(22.4–29.2)
Charleston–North Charleston–Summerville, South Carolina	1,186	11.8	1.4	(9.1–14.5)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,869	15.6	1.2	(13.2–18.0)
Chattanooga, Tennessee–Georgia	594	25.2	2.9	(19.5–30.9)
Cheyenne, Wyoming	940	14.2	1.4	(11.5–16.9)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,604	14.7	0.8	(13.2–16.2)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,700	15.4	1.3	(12.9–17.9)
Cleveland–Elyria–Mentor, Ohio	1,072	14.4	1.3	(11.8–17.0)
Colorado Springs, Colorado	1,182	8.9	1.0	(7.0–10.8)
Columbia, South Carolina	1,190	15.5	1.6	(12.3–18.7)
Columbus, Ohio	1,367	12.0	1.0	(10.0–14.0)
Concord, New Hampshire	614	9.6	1.4	(6.8–12.4)
Dallas–Plano–Irving, Texas <sup>†</sup>	590	11.9	1.9	(8.2–15.6)
Davenport–Moline–Rock Island, Iowa–Illinois	520	13.8	2.5	(9.0–18.6)
Dayton, Ohio	795	15.7	1.7	(12.4–19.0)
Denver–Aurora, Colorado	4,855	10.7	0.6	(9.6–11.8)
Des Moines–West Des Moines, Iowa	1,054	10.2	1.0	(8.2–12.2)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,068	17.2	1.1	(15.0–19.4)
Dover, Delaware	1,434	16.2	1.2	(13.9–18.5)
Durham, North Carolina	887	15.5	2.4	(10.8–20.2)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,257	12.6	0.8	(11.0–14.2)
El Paso, Texas	910	21.7	1.6	(18.6–24.8)
Evansville, Indiana–Kentucky	582	23.0	2.6	(17.9–28.1)
Fargo, North Dakota–Minnesota	809	8.6	1.4	(6.0–11.2)
Farmington, New Mexico	898	15.5	1.5	(12.6–18.4)
Fayetteville, North Carolina	542	18.7	2.0	(14.8–22.6)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	668	18.1	2.4	(13.5–22.7)
Fort Collins–Loveland, Colorado	585	7.9	1.2	(5.5–10.3)
Fort Wayne, Indiana	600	13.0	1.5	(10.1–15.9)
Fort Worth–Arlington, Texas <sup>†</sup>	598	13.5	1.6	(10.4–16.6)
Gallup, New Mexico	573	17.0	2.0	(13.2–20.8)

See table footnotes on page 17.

**TABLE 2. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	824	12.3	1.3	(9.8–14.8)
Grand Rapids–Wyoming, Michigan	645	14.1	1.7	(10.8–17.4)
Greeley, Colorado	506	16.7	2.9	(11.1–22.3)
Greensboro–High Point, North Carolina	826	14.0	1.5	(11.1–16.9)
Greenville–Mauldin–Easley, South Carolina	848	15.1	1.7	(11.7–18.5)
Gulfport–Biloxi, Mississippi	960	24.4	2.8	(18.9–29.9)
Hagerstown–Martinsburg, Maryland–West Virginia	614	20.0	2.1	(15.9–24.1)
Hartford–West Hartford–East Hartford, Connecticut	2,033	10.3	0.9	(8.5–12.1)
Hastings, Nebraska	581	13.2	1.7	(9.8–16.6)
Heber, Utah	523	10.5	2.2	(6.1–14.9)
Hickory–Lenoir–Morganton, North Carolina	791	19.5	1.7	(16.1–22.9)
Hilo, Hawaii	1,491	14.9	1.1	(12.7–17.1)
Hilton Head Island–Beaufort, South Carolina	803	10.4	1.3	(7.8–13.0)
Honolulu, Hawaii	2,999	13.3	0.8	(11.8–14.8)
Houma–Bayou Cane–Thibodaux, Louisiana	536	20.9	2.1	(16.7–25.1)
Houston–Sugar Land–Baytown, Texas	2,157	13.4	1.1	(11.2–15.6)
Huntington–Ashland, West Virginia–Kentucky–Ohio	695	25.7	2.3	(21.3–30.1)
Idaho Falls, Idaho	503	14.9	1.8	(11.3–18.5)
Indianapolis–Carmel, Indiana	2,212	15.2	1.0	(13.2–17.2)
Jackson, Mississippi	1,209	18.8	1.4	(16.0–21.6)
Jacksonville, Florida	1,074	12.8	1.2	(10.4–15.2)
Kahului–Wailuku, Hawaii	1,539	13.8	1.2	(11.5–16.1)
Kalispell, Montana	553	16.8	2.0	(12.8–20.8)
Kansas City, Missouri–Kansas	6,216	11.9	0.7	(10.5–13.3)
Kapaa, Hawaii	647	14.9	1.9	(11.2–18.6)
Kennewick–Pasco–Richland, Washington	661	17.2	2.2	(12.8–21.6)
Kingsport–Bristol–Bristol, Tennessee–Virginia	517	24.0	2.8	(18.6–29.4)
Lake Charles, Louisiana	621	18.6	1.7	(15.2–22.0)
Las Cruces, New Mexico	731	21.2	2.0	(17.3–25.1)
Las Vegas–Paradise, Nevada	1,224	16.2	1.4	(13.5–18.9)
Lawrence, Kansas	601	9.9	1.9	(6.2–13.6)
Lebanon, New Hampshire–Vermont	1,501	11.8	1.0	(9.9–13.7)
Lewiston, Idaho–Washington	543	19.1	2.1	(15.1–23.1)
Lincoln, Nebraska	1,059	11.2	1.5	(8.3–14.1)
Little Rock–North Little Rock–Conway, Arkansas	833	16.0	1.6	(12.9–19.1)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,169	23.2	1.1	(21.0–25.4)
Louisville/Jefferson County, Kentucky–Indiana	2,306	17.2	1.6	(14.1–20.3)
Lubbock, Texas	520	14.2	2.0	(10.3–18.1)
Manchester–Nashua, New Hampshire	1,393	12.1	1.4	(9.4–14.8)
Manhattan, Kansas	601	9.2	1.4	(6.4–12.0)
McAllen–Edinburg–Mission, Texas	534	23.4	2.4	(18.7–28.1)
Memphis, Tennessee–Mississippi–Arkansas	1,532	17.8	1.5	(14.8–20.8)
Miami–Fort Lauderdale–Pompano Beach, Florida	851	15.3	1.8	(11.7–18.9)
Milwaukee–Waukesha–West Allis, Wisconsin	844	11.1	1.4	(8.3–13.9)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,125	8.7	0.6	(7.5–9.9)
Minot, North Dakota	540	12.1	1.4	(9.4–14.8)
Mobile, Alabama	709	20.1	1.8	(16.6–23.6)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	682	16.9	1.7	(13.5–20.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	845	17.4	1.9	(13.7–21.1)
Nassau–Suffolk, New York <sup>†</sup>	945	11.8	1.2	(9.5–14.1)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,361	14.6	0.9	(12.8–16.4)
New Haven–Milford, Connecticut	1,621	12.4	1.1	(10.2–14.6)
New Orleans–Metairie–Kenner, Louisiana	1,617	20.4	1.5	(17.6–23.2)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,412	15.9	0.8	(14.3–17.5)
Norfolk, Nebraska	626	12.0	1.5	(9.1–14.9)
North Platte, Nebraska	524	18.9	2.2	(14.5–23.3)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,314	15.9	1.4	(13.1–18.7)
Ocean City, New Jersey	509	14.5	2.2	(10.1–18.9)
Ogden–Clearfield, Utah	1,605	10.4	0.9	(8.7–12.1)
Oklahoma City, Oklahoma	2,301	16.1	1.0	(14.2–18.0)
Olympia, Washington	816	12.5	1.3	(10.0–15.0)
Omaha–Council Bluffs, Nebraska–Iowa	2,342	12.5	1.1	(10.4–14.6)
Orlando–Kissimmee, Florida	909	12.3	1.5	(9.4–15.2)

See table footnotes on page 17.

**TABLE 2. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	707	19.1	2.1	(14.9–23.3)
Peabody, Massachusetts†	2,310	14.0	1.2	(11.7–16.3)
Philadelphia, Pennsylvania†	1,672	14.2	1.1	(12.1–16.3)
Phoenix–Mesa–Scottsdale, Arizona	1,534	13.2	1.1	(11.0–15.4)
Pittsburgh, Pennsylvania	2,178	15.8	1.1	(13.7–17.9)
Portland–South Portland–Biddeford, Maine	2,655	10.3	0.7	(9.0–11.6)
Portland–Vancouver–Beaverton, Oregon–Washington	3,086	11.4	0.9	(9.7–13.1)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,972	13.7	0.5	(12.7–14.7)
Provo–Orem, Utah	1,141	8.5	1.0	(6.5–10.5)
Raleigh–Cary, North Carolina	1,013	13.0	1.5	(10.0–16.0)
Rapid City, South Dakota	1,002	12.5	1.2	(10.2–14.8)
Reno–Sparks, Nevada	1,282	13.5	1.1	(11.3–15.7)
Richmond, Virginia	803	14.0	2.1	(9.8–18.2)
Riverside–San Bernardino–Ontario, California	2,036	21.9	1.2	(19.5–24.3)
Riverton, Wyoming	502	15.5	2.0	(11.6–19.4)
Rochester, New York	565	14.6	2.3	(10.0–19.2)
Rockingham County–Strafford County, New Hampshire†	1,564	11.2	1.0	(9.2–13.2)
Rutland, Vermont	710	11.5	1.5	(8.6–14.4)
Sacramento–Arden–Arcade–Roseville, California	1,271	12.5	1.1	(10.3–14.7)
St. Louis, Missouri–Illinois	1,628	14.0	1.3	(11.5–16.5)
Salt Lake City, Utah	4,311	10.8	0.6	(9.7–11.9)
San Antonio, Texas	819	13.3	1.3	(10.7–15.9)
San Diego–Carlsbad–San Marcos, California	1,707	14.9	1.1	(12.7–17.1)
San Francisco–San Mateo–Redwood City, California†	1,038	18.0	1.6	(14.8–21.2)
San Jose–Sunnyvale–Santa Clara, California	912	14.7	1.8	(11.2–18.2)
Santa Ana–Anaheim–Irvine, California†	1,521	15.9	1.2	(13.5–18.3)
Santa Fe, New Mexico	772	14.3	1.8	(10.8–17.8)
Scottsbluff, Nebraska	774	17.3	1.7	(14.0–20.6)
Scranton–Wilkes-Barre, Pennsylvania	931	16.7	1.7	(13.4–20.0)
Seaford, Delaware	1,459	15.5	1.3	(13.0–18.0)
Seattle–Bellevue–Everett, Washington†	4,860	11.6	0.6	(10.4–12.8)
Shreveport–Bossier City, Louisiana	685	20.6	1.9	(16.9–24.3)
Sioux City, Iowa–Nebraska–South Dakota	1,158	16.0	2.2	(11.7–20.3)
Sioux Falls, South Dakota	854	9.3	1.2	(7.0–11.6)
Spokane, Washington	1,250	15.8	1.5	(12.9–18.7)
Springfield, Massachusetts	2,093	12.9	1.0	(11.0–14.8)
Tacoma, Washington†	1,756	14.3	1.2	(12.0–16.6)
Tallahassee, Florida	581	8.0	1.4	(5.3–10.7)
Tampa–St. Petersburg–Clearwater, Florida	864	16.4	1.7	(13.0–19.8)
Toledo, Ohio	823	19.6	2.2	(15.3–23.9)
Topeka, Kansas	1,939	12.1	0.9	(10.3–13.9)
Trenton–Ewing, New Jersey	509	13.5	1.8	(10.0–17.0)
Tucson, Arizona	678	14.6	1.8	(11.1–18.1)
Tulsa, Oklahoma	2,293	19.8	1.1	(17.7–21.9)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,051	12.8	1.4	(10.1–15.5)
Warren–Troy–Farmington Hills, Michigan†	1,810	13.4	1.0	(11.5–15.3)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,994	11.5	1.2	(9.2–13.8)
Wenatchee, Washington	568	14.1	1.8	(10.6–17.6)
Wichita, Kansas	3,905	12.1	0.7	(10.8–13.4)
Wilmington, Delaware–Maryland–New Jersey†	1,881	12.6	0.9	(10.8–14.4)
Wilmington, North Carolina	504	10.7	1.7	(7.3–14.1)
Worcester, Massachusetts	2,057	11.4	0.9	(9.6–13.2)
Yakima, Washington	787	20.9	1.7	(17.5–24.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	866	16.4	1.9	(12.6–20.2)
<i>Median</i>		14.1		
<i>Range</i>		7.9–25.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate their general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported having fair or poor health and those with good, very good, or excellent health.

† Metropolitan division.

**TABLE 3. Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	604	16.9	1.9	(13.2–20.6)
Mobile County, Alabama	709	20.1	1.8	(16.6–23.6)
Anchorage Municipality, Alaska	373	8.5	1.6	(5.3–11.7)
Maricopa County, Arizona	1,171	12.9	1.2	(10.6–15.2)
Pima County, Arizona	678	14.6	1.8	(11.1–18.1)
Pinal County, Arizona	363	17.4	2.5	(12.6–22.2)
Benton County, Arkansas	334	12.6	2.2	(8.4–16.8)
Pulaski County, Arkansas	548	14.1	1.8	(10.6–17.6)
Washington County, Arkansas	288	19.0	3.3	(12.5–25.5)
Alameda County, California	734	17.2	2.1	(13.1–21.3)
Contra Costa County, California	580	12.2	1.5	(9.2–15.2)
Los Angeles County, California	2,169	23.2	1.1	(21.0–25.4)
Orange County, California	1,521	15.9	1.2	(13.5–18.3)
Riverside County, California	1,090	21.8	1.8	(18.2–25.4)
Sacramento County, California	767	13.6	1.6	(10.5–16.7)
San Bernardino County, California	946	22.4	1.7	(19.0–25.8)
San Diego County, California	1,707	14.9	1.1	(12.7–17.1)
San Francisco County, California	442	21.5	2.4	(16.7–26.3)
San Mateo County, California	391	14.0	2.4	(9.3–18.7)
Santa Clara County, California	888	14.1	1.8	(10.5–17.7)
Adams County, Colorado	866	16.2	1.6	(13.0–19.4)
Arapahoe County, Colorado	893	10.0	1.3	(7.5–12.5)
Denver County, Colorado	909	14.9	1.4	(12.1–17.7)
Douglas County, Colorado	573	4.5	1.0	(2.6–6.4)
El Paso County, Colorado	1,030	8.9	1.0	(6.9–10.9)
Jefferson County, Colorado	1,140	8.3	0.9	(6.5–10.1)
Larimer County, Colorado	585	7.9	1.2	(5.5–10.3)
Weld County, Colorado	506	16.7	2.9	(11.1–22.3)
Fairfield County, Connecticut	1,898	9.0	0.9	(7.2–10.8)
Hartford County, Connecticut	1,471	10.7	1.1	(8.6–12.8)
Middlesex County, Connecticut	267	11.2	2.6	(6.0–16.4)
New Haven County, Connecticut	1,621	12.4	1.1	(10.2–14.6)
Tolland County, Connecticut	295	7.2	1.7	(3.9–10.5)
Kent County, Delaware	1,434	16.2	1.2	(13.9–18.5)
New Castle County, Delaware	1,459	10.7	1.0	(8.7–12.7)
Sussex County, Delaware	1,459	15.5	1.3	(13.0–18.0)
District of Columbia	3,798	12.0	0.6	(10.7–13.3)
Broward County, Florida	270	11.0	2.9	(5.3–16.7)
Duval County, Florida	501	14.0	1.7	(10.6–17.4)
Hillsborough County, Florida	281	18.7	3.0	(12.8–24.6)
Miami–Dade County, Florida	282	18.4	2.6	(13.2–23.6)
Orange County, Florida	299	11.9	2.7	(6.6–17.2)
Osceola County, Florida	287	16.2	2.7	(11.0–21.4)
Palm Beach County, Florida	299	15.1	2.5	(10.3–19.9)
Pinellas County, Florida	274	13.8	2.5	(8.9–18.7)
Clayton County, Georgia	254	19.6	3.8	(12.2–27.0)
Cobb County, Georgia	283	7.4	1.8	(3.8–11.0)
DeKalb County, Georgia	306	10.0	2.3	(5.5–14.5)
Fulton County, Georgia	334	12.2	2.6	(7.0–17.4)
Hawaii County, Hawaii	1,491	14.9	1.1	(12.7–17.1)
Honolulu County, Hawaii	2,999	13.3	0.8	(11.8–14.8)
Kauai County, Hawaii	647	14.9	1.9	(11.2–18.6)
Maui County, Hawaii	1,539	13.8	1.2	(11.5–16.1)
Ada County, Idaho	678	11.0	1.4	(8.2–13.8)
Bonneville County, Idaho	388	13.5	2.0	(9.7–17.3)
Canyon County, Idaho	461	19.7	2.5	(14.7–24.7)
Nez Perce County, Idaho	303	16.2	2.4	(11.6–20.8)
Cook County, Illinois	1,895	16.7	1.2	(14.4–19.0)
DuPage County, Illinois	394	10.6	1.8	(7.1–14.1)
Lake County, Illinois	302	11.3	2.2	(7.0–15.6)
Will County, Illinois	300	8.6	1.8	(5.1–12.1)
Allen County, Indiana	503	12.9	1.6	(9.7–16.1)
Lake County, Indiana	983	18.4	2.1	(14.3–22.5)

See table footnotes on page 22.



**TABLE 3. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,509	17.8	1.4	(15.0–20.6)
Vanderburgh County, Indiana	257	24.1	3.7	(16.9–31.3)
Linn County, Iowa	519	9.2	1.6	(6.1–12.3)
Polk County, Iowa	805	9.5	1.1	(7.3–11.7)
Scott County, Iowa	370	10.3	1.7	(7.0–13.6)
Butler County, Kansas	443	11.3	1.8	(7.8–14.8)
Douglas County, Kansas	601	9.9	1.9	(6.2–13.6)
Johnson County, Kansas	3,222	6.6	0.5	(5.6–7.6)
Leavenworth County, Kansas	465	12.6	1.9	(8.8–16.4)
Riley County, Kansas	284	5.5	1.4	(2.8–8.2)
Sedgwick County, Kansas	3,024	12.2	0.8	(10.7–13.7)
Shawnee County, Kansas	1,407	12.3	1.1	(10.1–14.5)
Wyandotte County, Kansas	1,079	20.2	1.6	(17.0–23.4)
Jefferson County, Kentucky	1,799	19.1	2.3	(14.5–23.7)
Caddo Parish, Louisiana	438	18.7	2.2	(14.5–22.9)
Calcasieu Parish, Louisiana	604	18.3	1.7	(14.9–21.7)
East Baton Rouge Parish, Louisiana	719	15.7	1.6	(12.6–18.8)
Jefferson Parish, Louisiana	561	20.7	2.4	(16.1–25.3)
Orleans Parish, Louisiana	381	18.3	2.5	(13.4–23.2)
Rapides Parish, Louisiana	457	22.4	2.4	(17.7–27.1)
St. Tammany Parish, Louisiana	427	16.4	2.1	(12.4–20.4)
Terrebonne Parish, Louisiana	299	22.7	2.9	(17.1–28.3)
Cumberland County, Maine	1,344	10.0	0.9	(8.2–11.8)
Kennebec County, Maine	655	14.2	1.7	(10.9–17.5)
Penobscot County, Maine	732	13.6	1.4	(10.9–16.3)
Sagadahoc County, Maine	343	10.4	1.8	(6.8–14.0)
York County, Maine	968	10.8	1.1	(8.6–13.0)
Anne Arundel County, Maryland	550	9.9	1.3	(7.4–12.4)
Baltimore County, Maryland	967	12.9	1.2	(10.5–15.3)
Cecil County, Maryland	244	17.0	2.7	(11.6–22.4)
Charles County, Maryland	311	9.0	1.8	(5.4–12.6)
Frederick County, Maryland	535	7.4	1.2	(5.1–9.7)
Harford County, Maryland	251	12.6	3.1	(6.5–18.7)
Howard County, Maryland	332	4.7	1.2	(2.4–7.0)
Montgomery County, Maryland	1,038	10.5	1.3	(7.9–13.1)
Prince George's County, Maryland	625	10.3	1.4	(7.6–13.0)
Queen Anne's County, Maryland	257	10.8	2.1	(6.8–14.8)
Washington County, Maryland	355	19.5	3.0	(13.7–25.3)
Baltimore City, Maryland	501	21.3	2.3	(16.8–25.8)
Bristol County, Massachusetts	2,973	16.3	1.2	(14.0–18.6)
Essex County, Massachusetts	2,310	13.5	1.3	(11.0–16.0)
Hampden County, Massachusetts	1,612	14.9	1.2	(12.5–17.3)
Hampshire County, Massachusetts	294	9.5	2.0	(5.6–13.4)
Middlesex County, Massachusetts	3,080	8.3	0.7	(7.0–9.6)
Norfolk County, Massachusetts	944	9.2	1.1	(7.1–11.3)
Plymouth County, Massachusetts	664	11.1	1.5	(8.2–14.0)
Suffolk County, Massachusetts	1,792	15.7	1.4	(12.9–18.5)
Worcester County, Massachusetts	2,057	11.4	0.9	(9.6–13.2)
Kent County, Michigan	466	13.6	1.9	(9.8–17.4)
Macomb County, Michigan	529	14.8	1.9	(11.0–18.6)
Oakland County, Michigan	945	11.6	1.2	(9.2–14.0)
Wayne County, Michigan	2,068	17.2	1.1	(15.0–19.4)
Anoka County, Minnesota	293	11.6	2.0	(7.6–15.6)
Dakota County, Minnesota	381	6.3	1.2	(3.9–8.7)
Hennepin County, Minnesota	1,138	9.9	1.2	(7.5–12.3)
Ramsey County, Minnesota	531	9.8	1.5	(6.9–12.7)
DeSoto County, Mississippi	630	16.7	2.1	(12.6–20.8)
George County, Mississippi	377	25.5	2.9	(19.8–31.2)
Hancock County, Mississippi	340	20.3	2.6	(15.2–25.4)
Harrison County, Mississippi	291	25.6	3.5	(18.7–32.5)
Hinds County, Mississippi	507	18.2	2.1	(14.0–22.4)
Jackson County, Mississippi	330	18.1	2.5	(13.2–23.0)
Rankin County, Mississippi	332	17.4	2.4	(12.6–22.2)

See table footnotes on page 22.

**TABLE 3. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	329	21.7	3.1	(15.6–27.8)
Jackson County, Missouri	491	14.2	1.9	(10.6–17.8)
St. Louis County, Missouri	483	10.9	1.7	(7.6–14.2)
St. Louis city, Missouri	490	19.2	2.3	(14.7–23.7)
Flathead County, Montana	553	16.8	2.0	(12.8–20.8)
Gallatin County, Montana	588	9.6	2.4	(4.8–14.4)
Silver Bow County, Montana	577	19.0	2.1	(14.8–23.2)
Yellowstone County, Montana	573	14.4	1.7	(11.1–17.7)
Adams County, Nebraska	446	13.5	2.0	(9.6–17.4)
Dakota County, Nebraska	712	17.6	1.7	(14.3–20.9)
Douglas County, Nebraska	935	13.8	1.5	(10.9–16.7)
Hall County, Nebraska	592	12.5	1.5	(9.5–15.5)
Lancaster County, Nebraska	783	11.3	1.7	(8.1–14.5)
Lincoln County, Nebraska	494	19.3	2.3	(14.7–23.9)
Madison County, Nebraska	415	11.7	1.9	(8.1–15.3)
Sarpy County, Nebraska	585	8.2	1.7	(4.8–11.6)
Scotts Bluff County, Nebraska	758	17.1	1.7	(13.8–20.4)
Seward County, Nebraska	276	12.6	2.2	(8.3–16.9)
Clark County, Nevada	1,224	16.2	1.4	(13.5–18.9)
Washoe County, Nevada	1,253	13.3	1.1	(11.1–15.5)
Grafton County, New Hampshire	496	11.4	1.6	(8.3–14.5)
Hillsborough County, New Hampshire	1,393	12.1	1.4	(9.4–14.8)
Merrimack County, New Hampshire	614	9.6	1.4	(6.8–12.4)
Rockingham County, New Hampshire	963	10.1	1.2	(7.8–12.4)
Strafford County, New Hampshire	601	13.3	1.9	(9.6–17.0)
Atlantic County, New Jersey	927	16.9	1.7	(13.7–20.1)
Bergen County, New Jersey	633	11.0	1.6	(7.9–14.1)
Burlington County, New Jersey	554	10.6	1.4	(7.9–13.3)
Camden County, New Jersey	619	13.2	1.9	(9.6–16.8)
Cape May County, New Jersey	509	14.5	2.2	(10.1–18.9)
Essex County, New Jersey	1,064	17.8	1.5	(14.8–20.8)
Gloucester County, New Jersey	510	12.1	1.6	(9.0–15.2)
Hudson County, New Jersey	998	21.0	1.6	(17.8–24.2)
Hunterdon County, New Jersey	539	6.6	1.1	(4.5–8.7)
Mercer County, New Jersey	509	13.5	1.8	(10.0–17.0)
Middlesex County, New Jersey	619	13.8	1.6	(10.7–16.9)
Monmouth County, New Jersey	554	10.3	1.5	(7.4–13.2)
Morris County, New Jersey	714	9.2	1.5	(6.3–12.1)
Ocean County, New Jersey	528	14.2	1.7	(10.9–17.5)
Passaic County, New Jersey	498	19.4	2.5	(14.5–24.3)
Somerset County, New Jersey	556	10.9	1.7	(7.6–14.2)
Sussex County, New Jersey	484	13.4	2.2	(9.1–17.7)
Union County, New Jersey	526	16.0	2.1	(11.9–20.1)
Warren County, New Jersey	477	13.2	1.9	(9.4–17.0)
Bernalillo County, New Mexico	1,474	14.0	1.1	(11.8–16.2)
Dona Ana County, New Mexico	731	21.2	2.0	(17.3–25.1)
McKinley County, New Mexico	573	17.0	2.0	(13.2–20.8)
Sandoval County, New Mexico	651	10.3	1.5	(7.3–13.3)
San Juan County, New Mexico	898	15.5	1.5	(12.6–18.4)
Santa Fe County, New Mexico	772	14.3	1.8	(10.8–17.8)
Valencia County, New Mexico	389	20.0	2.4	(15.3–24.7)
Erie County, New York	451	12.7	2.0	(8.8–16.6)
Kings County, New York	448	17.6	2.3	(13.1–22.1)
Monroe County, New York	382	14.8	2.6	(9.6–20.0)
Nassau County, New York	441	9.9	1.5	(6.9–12.9)
New York County, New York	523	12.6	1.7	(9.3–15.9)
Queens County, New York	480	14.5	1.9	(10.7–18.3)
Suffolk County, New York	504	13.0	1.6	(9.8–16.2)
Westchester County, New York	344	10.7	1.9	(6.9–14.5)
Buncombe County, North Carolina	398	12.2	1.8	(8.7–15.7)
Cabarrus County, North Carolina	349	15.8	2.2	(11.4–20.2)
Catawba County, North Carolina	364	16.8	2.2	(12.6–21.0)
Cumberland County, North Carolina	382	18.3	2.2	(14.0–22.6)

See table footnotes on page 22.

**TABLE 3. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	415	13.9	2.6	(8.8–19.0)
Gaston County, North Carolina	350	22.0	2.9	(16.3–27.7)
Guilford County, North Carolina	428	12.8	1.9	(9.1–16.5)
Henderson County, North Carolina	263	13.5	2.2	(9.1–17.9)
Johnston County, North Carolina	371	18.5	2.8	(13.0–24.0)
Mecklenburg County, North Carolina	615	14.3	2.0	(10.4–18.2)
New Hanover County, North Carolina	412	15.1	2.4	(10.4–19.8)
Orange County, North Carolina	366	10.7	2.1	(6.6–14.8)
Randolph County, North Carolina	356	20.7	2.7	(15.5–25.9)
Union County, North Carolina	369	13.4	2.2	(9.1–17.7)
Wake County, North Carolina	602	11.3	1.7	(7.9–14.7)
Burleigh County, North Dakota	565	10.0	1.8	(6.4–13.6)
Cass County, North Dakota	749	9.1	1.3	(6.5–11.7)
Ward County, North Dakota	467	10.8	1.4	(8.1–13.5)
Cuyahoga County, Ohio	678	16.4	1.9	(12.7–20.1)
Franklin County, Ohio	651	11.1	1.3	(8.5–13.7)
Hamilton County, Ohio	681	15.0	1.5	(12.0–18.0)
Lucas County, Ohio	669	19.1	2.1	(14.9–23.3)
Mahoning County, Ohio	667	15.2	1.5	(12.2–18.2)
Montgomery County, Ohio	663	18.5	1.9	(14.8–22.2)
Stark County, Ohio	672	17.1	1.8	(13.6–20.6)
Summit County, Ohio	664	18.6	2.0	(14.7–22.5)
Canadian County, Oklahoma	267	13.6	2.1	(9.5–17.7)
Cleveland County, Oklahoma	423	11.0	1.5	(8.1–13.9)
Oklahoma County, Oklahoma	1,224	17.5	1.4	(14.8–20.2)
Tulsa County, Oklahoma	1,575	18.6	1.2	(16.3–20.9)
Clackamas County, Oregon	433	12.3	2.0	(8.4–16.2)
Multnomah County, Oregon	651	9.9	1.4	(7.2–12.6)
Washington County, Oregon	441	9.8	2.4	(5.1–14.5)
Allegheny County, Pennsylvania	706	13.9	1.5	(11.0–16.8)
Bucks County, Pennsylvania	304	11.2	2.2	(6.8–15.6)
Delaware County, Pennsylvania	260	12.2	2.2	(7.9–16.5)
Fayette County, Pennsylvania	813	26.1	2.5	(21.1–31.1)
Luzerne County, Pennsylvania	774	17.7	1.7	(14.4–21.0)
Montgomery County, Pennsylvania	392	9.9	1.7	(6.6–13.2)
Philadelphia County, Pennsylvania	489	19.4	2.1	(15.2–23.6)
Westmoreland County, Pennsylvania	252	19.0	2.8	(13.4–24.6)
Kent County, Rhode Island	828	13.0	1.3	(10.5–15.5)
Newport County, Rhode Island	454	10.6	1.8	(7.1–14.1)
Providence County, Rhode Island	3,810	14.5	0.7	(13.1–15.9)
Washington County, Rhode Island	677	7.4	1.2	(5.0–9.8)
Aiken County, South Carolina	462	17.6	2.0	(13.7–21.5)
Beaufort County, South Carolina	684	9.7	1.4	(7.0–12.4)
Berkeley County, South Carolina	358	17.7	3.3	(11.3–24.1)
Charleston County, South Carolina	689	8.8	1.6	(5.6–12.0)
Greenville County, South Carolina	534	13.0	1.9	(9.2–16.8)
Horry County, South Carolina	682	16.9	1.7	(13.5–20.3)
Richland County, South Carolina	735	12.6	1.7	(9.2–16.0)
Minnehaha County, South Dakota	608	10.5	1.5	(7.5–13.5)
Pennington County, South Dakota	790	12.4	1.3	(9.9–14.9)
Davidson County, Tennessee	437	14.3	1.9	(10.5–18.1)
Hamilton County, Tennessee	438	17.2	2.4	(12.5–21.9)
Shelby County, Tennessee	375	16.0	2.1	(11.9–20.1)
Sullivan County, Tennessee	363	21.9	2.5	(17.0–26.8)
Bexar County, Texas	676	13.2	1.5	(10.3–16.1)
Dallas County, Texas	311	11.8	2.2	(7.4–16.2)
El Paso County, Texas	910	21.7	1.6	(18.6–24.8)
Fort Bend County, Texas	694	11.1	1.5	(8.1–14.1)
Harris County, Texas	1,148	14.6	1.5	(11.7–17.5)
Hidalgo County, Texas	534	23.4	2.4	(18.7–28.1)
Lubbock County, Texas	504	13.8	2.0	(9.9–17.7)
Tarrant County, Texas	486	12.7	1.7	(9.3–16.1)
Travis County, Texas	929	12.0	1.5	(9.0–15.0)

See table footnotes on page 22.

**TABLE 3. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who reported fair or poor health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	600	10.5	2.2	(6.1–14.9)
Davis County, Utah	800	9.0	1.2	(6.7–11.3)
Salt Lake County, Utah	3,315	10.9	0.6	(9.7–12.1)
Summit County, Utah	498	5.3	1.1	(3.2–7.4)
Tooele County, Utah	498	12.2	1.7	(8.9–15.5)
Utah County, Utah	1,084	8.6	1.1	(6.5–10.7)
Wasatch County, Utah	523	10.5	2.2	(6.1–14.9)
Weber County, Utah	770	13.0	1.4	(10.3–15.7)
Chittenden County, Vermont	1,404	7.6	0.9	(5.9–9.3)
Franklin County, Vermont	444	15.0	1.9	(11.3–18.7)
Orange County, Vermont	358	10.2	1.8	(6.7–13.7)
Rutland County, Vermont	710	11.5	1.5	(8.6–14.4)
Washington County, Vermont	691	9.1	1.2	(6.7–11.5)
Windsor County, Vermont	647	12.5	1.5	(9.5–15.5)
Benton County, Washington	422	15.9	2.6	(10.8–21.0)
Chelan County, Washington	301	14.5	2.3	(9.9–19.1)
Clark County, Washington	1,134	14.1	1.4	(11.4–16.8)
Douglas County, Washington	267	13.9	2.7	(8.6–19.2)
King County, Washington	3,197	10.3	0.7	(9.0–11.6)
Kitsap County, Washington	933	10.8	1.1	(8.7–12.9)
Pierce County, Washington	1,756	13.4	1.1	(11.3–15.5)
Skamania County, Washington	252	16.4	2.8	(11.0–21.8)
Snohomish County, Washington	1,663	13.7	1.0	(11.7–15.7)
Spokane County, Washington	1,250	15.8	1.5	(12.9–18.7)
Thurston County, Washington	816	12.5	1.3	(10.0–15.0)
Yakima County, Washington	787	20.9	1.7	(17.5–24.3)
Kanawha County, West Virginia	556	25.8	2.3	(21.3–30.3)
Milwaukee County, Wisconsin	626	14.1	1.9	(10.4–17.8)
Fremont County, Wyoming	502	15.5	2.0	(11.6–19.4)
Laramie County, Wyoming	940	14.2	1.4	(11.5–16.9)
Natrona County, Wyoming	773	12.7	1.4	(10.0–15.4)
<i>Median</i>		13.6		
<i>Range</i>		4.5–26.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate their general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported having fair or poor health and those who reported having good, very good, or excellent health.



**TABLE 4. Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,771	84.5	0.8	(83.0–86.0)
Alaska	2,409	82.3	1.3	(79.8–84.8)
Arizona	5,461	85.0	1.2	(82.7–87.3)
Arkansas	4,002	80.0	1.1	(77.8–82.2)
California	17,372	83.0	0.5	(82.1–83.9)
Colorado	11,920	83.3	0.6	(82.1–84.5)
Connecticut	6,485	90.6	0.7	(89.3–91.9)
Delaware	4,358	90.4	0.8	(88.8–92.0)
District of Columbia	3,896	94.0	0.6	(92.8–95.2)
Florida	12,021	81.3	0.8	(79.7–82.9)
Georgia	5,878	81.2	1.0	(79.2–83.2)
Hawaii	6,670	92.7	0.6	(91.6–93.8)
Idaho	5,374	81.3	0.8	(79.7–82.9)
Illinois	5,839	86.4	0.8	(84.9–87.9)
Indiana	9,262	82.9	0.7	(81.5–84.3)
Iowa	6,006	90.1	0.6	(88.9–91.3)
Kansas	18,878	88.2	0.4	(87.4–89.0)
Kentucky	9,632	84.4	0.8	(82.9–85.9)
Louisiana	8,872	80.5	0.7	(79.1–81.9)
Maine	8,059	88.6	0.6	(87.5–89.7)
Maryland	8,569	88.5	0.7	(87.2–89.8)
Massachusetts	16,683	94.7	0.4	(93.9–95.5)
Michigan	9,230	86.4	0.6	(85.2–87.6)
Minnesota	5,603	92.0	0.7	(90.6–93.4)
Mississippi	11,174	80.0	0.7	(78.6–81.4)
Missouri	5,049	86.4	0.9	(84.7–88.1)
Montana	7,593	82.5	0.8	(80.9–84.1)
Nebraska	15,952	87.3	0.7	(85.9–88.7)
Nevada	3,833	80.5	1.4	(77.8–83.2)
New Hampshire	5,975	88.9	0.7	(87.6–90.2)
New Jersey	12,370	87.2	0.6	(86.0–88.4)
New Mexico	8,820	80.6	0.8	(79.1–82.1)
New York	6,907	88.0	0.7	(86.6–89.4)
North Carolina	13,249	81.9	0.7	(80.4–83.4)
North Dakota	4,753	89.3	0.8	(87.7–90.9)
Ohio	9,752	87.9	0.6	(86.7–89.1)
Oklahoma	7,827	80.2	0.7	(78.8–81.6)
Oregon	4,280	82.1	1.0	(80.1–84.1)
Pennsylvania	9,150	89.0	0.6	(87.9–90.1)
Rhode Island	6,272	88.0	0.7	(86.6–89.4)
South Carolina	9,817	83.7	0.7	(82.3–85.1)
South Dakota	6,817	89.0	0.6	(87.7–90.3)
Tennessee	5,567	84.3	0.9	(82.6–86.0)
Texas	11,569	74.8	0.8	(73.2–76.4)
Utah	10,129	85.0	0.6	(83.8–86.2)
Vermont	6,644	90.2	0.6	(89.0–91.4)
Virginia	5,171	88.1	1.0	(86.1–90.1)
Washington	20,238	85.6	0.4	(84.7–86.5)
West Virginia	4,806	82.5	0.8	(80.9–84.1)
Wisconsin	4,543	89.7	0.8	(88.1–91.3)
Wyoming	6,037	83.6	0.8	(82.0–85.2)
Guam	1,264	79.7	1.6	(76.6–82.8)
Puerto Rico	4,240	91.6	0.6	(90.3–92.9)
Virgin Islands	2,494	71.4	1.2	(69.0–73.8)
<i>Median</i>		85.3		
<i>Range</i>		71.4–94.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare or Medicaid).

**TABLE 5. Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	780	86.7	1.9	(82.9–90.5)
Albuquerque, New Mexico	2,609	84.6	1.3	(82.1–87.1)
Alexandria, Louisiana	527	81.6	2.3	(77.0–86.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	864	90.5	1.8	(87.0–94.0)
Anchorage, Alaska	508	85.1	2.1	(81.0–89.2)
Asheville, North Carolina	845	82.2	1.9	(78.5–85.9)
Atlanta–Sandy Springs–Marietta, Georgia	2,331	82.3	1.6	(79.1–85.5)
Atlantic City–Hammonton, New Jersey	930	84.2	2.1	(80.0–88.4)
Augusta–Richmond County, Georgia–South Carolina	873	83.8	2.3	(79.2–88.4)
Augusta–Waterville, Maine	653	88.2	2.3	(83.8–92.6)
Austin–Round Rock, Texas	1,611	83.4	1.8	(79.8–87.0)
Baltimore–Towson, Maryland	3,108	89.4	0.9	(87.6–91.2)
Bangor, Maine	738	84.6	2.3	(80.1–89.1)
Barre, Vermont	689	91.5	1.8	(87.9–95.1)
Baton Rouge, Louisiana	1,207	81.6	1.8	(78.0–85.2)
Bethesda–Frederick–Gaithersburg, Maryland†	1,621	90.7	1.3	(88.2–93.2)
Billings, Montana	624	82.3	2.6	(77.3–87.3)
Birmingham–Hoover, Alabama	1,161	87.2	1.5	(84.2–90.2)
Bismarck, North Dakota	742	90.9	1.8	(87.3–94.5)
Boise City–Nampa, Idaho	1,280	82.9	1.5	(80.0–85.8)
Boston–Quincy, Massachusetts†	3,404	94.5	0.8	(93.0–96.0)
Bozeman, Montana	587	82.9	2.8	(77.3–88.5)
Bremerton–Silverdale, Washington	934	90.8	1.4	(88.0–93.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,928	90.7	1.4	(88.1–93.3)
Buffalo–Niagara Falls, New York	552	91.1	1.9	(87.4–94.8)
Burlington–South Burlington, Vermont	1,929	92.0	1.1	(89.8–94.2)
Butte–Silver Bow, Montana	577	87.5	2.0	(83.5–91.5)
Cambridge–Newton–Framingham, Massachusetts†	3,080	96.3	0.6	(95.1–97.5)
Camden, New Jersey†	1,687	91.4	1.1	(89.3–93.5)
Canton–Massillon, Ohio	717	87.3	2.0	(83.4–91.2)
Casper, Wyoming	772	86.0	1.9	(82.2–89.8)
Cedar Rapids, Iowa	596	90.9	2.0	(87.0–94.8)
Charleston, West Virginia	856	85.7	1.7	(82.5–88.9)
Charleston–North Charleston–Summerville, South Carolina	1,187	89.5	2.0	(85.6–93.4)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,871	85.0	1.3	(82.4–87.6)
Chattanooga, Tennessee–Georgia	594	85.5	2.4	(80.7–90.3)
Cheyenne, Wyoming	941	86.7	1.8	(83.1–90.3)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,606	85.8	0.9	(84.0–87.6)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,729	91.7	1.1	(89.6–93.8)
Cleveland–Elyria–Mentor, Ohio	1,096	90.4	1.4	(87.6–93.2)
Colorado Springs, Colorado	1,178	86.9	1.5	(84.0–89.8)
Columbia, South Carolina	1,195	82.8	2.3	(78.2–87.4)
Columbus, Ohio	1,392	87.9	1.5	(84.9–90.9)
Concord, New Hampshire	631	88.6	2.0	(84.7–92.5)
Dallas–Plano–Irving, Texas†	589	78.4	2.6	(73.3–83.5)
Davenport–Moline–Rock Island, Iowa–Illinois	520	87.1	3.0	(81.2–93.0)
Dayton, Ohio	819	89.7	1.4	(86.9–92.5)
Denver–Aurora, Colorado	4,870	86.2	0.8	(84.7–87.7)
Des Moines–West Des Moines, Iowa	1,058	89.5	1.4	(86.8–92.2)
Detroit–Livonia–Dearborn, Michigan†	2,073	84.6	1.4	(81.9–87.3)
Dover, Delaware	1,435	89.9	1.3	(87.4–92.4)
Durham, North Carolina	890	82.4	2.9	(76.7–88.1)
Edison–New Brunswick, New Jersey†	2,262	90.9	1.0	(89.0–92.8)
El Paso, Texas	909	64.0	2.2	(59.8–68.2)
Evansville, Indiana–Kentucky	581	86.9	2.2	(82.6–91.2)
Fargo, North Dakota–Minnesota	810	92.8	1.6	(89.6–96.0)
Farmington, New Mexico	898	74.6	2.4	(69.9–79.3)
Fayetteville, North Carolina	541	86.0	2.0	(82.0–90.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	669	81.8	2.4	(77.1–86.5)
Fort Collins–Loveland, Colorado	584	81.0	3.1	(74.9–87.1)
Fort Wayne, Indiana	597	85.3	2.2	(81.0–89.6)
Fort Worth–Arlington, Texas†	600	78.2	2.4	(73.4–83.0)
Gallup, New Mexico	571	69.5	2.5	(64.5–74.5)

See table footnotes on page 26.

**TABLE 5. (Continued) Estimated proportion of adults aged ≥18 years who had health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	828	86.3	1.8	(82.7–89.9)
Grand Rapids–Wyoming, Michigan	642	85.8	2.3	(81.3–90.3)
Greeley, Colorado	507	81.2	2.7	(75.9–86.5)
Greensboro–High Point, North Carolina	825	84.0	2.3	(79.4–88.6)
Greenville–Mauldin–Easley, South Carolina	863	82.3	2.6	(77.2–87.4)
Gulfport–Biloxi, Mississippi	959	83.7	2.8	(78.2–89.2)
Hagerstown–Martinsburg, Maryland–West Virginia	617	81.3	2.4	(76.7–85.9)
Hartford–West Hartford–East Hartford, Connecticut	2,062	91.9	1.1	(89.7–94.1)
Hastings, Nebraska	581	88.1	2.3	(83.6–92.6)
Heber, Utah	527	85.4	2.4	(80.7–90.1)
Hickory–Lenoir–Morganton, North Carolina	793	81.4	2.6	(76.2–86.6)
Hilo, Hawaii	1,488	91.8	1.0	(89.8–93.8)
Hilton Head Island–Beaufort, South Carolina	807	86.9	2.4	(82.2–91.6)
Honolulu, Hawaii	2,999	93.1	0.8	(91.6–94.6)
Houma–Bayou Cane–Thibodaux, Louisiana	535	76.3	3.1	(70.3–82.3)
Houston–Sugar Land–Baytown, Texas	2,164	77.6	1.6	(74.4–80.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	693	83.1	2.3	(78.5–87.7)
Idaho Falls, Idaho	502	82.3	2.4	(77.5–87.1)
Indianapolis–Carmel, Indiana	2,211	83.9	1.4	(81.1–86.7)
Jackson, Mississippi	1,209	81.4	1.8	(77.9–84.9)
Jacksonville, Florida	1,076	84.8	2.0	(80.9–88.7)
Kahului–Wailuku, Hawaii	1,537	91.7	1.1	(89.6–93.8)
Kalispell, Montana	550	77.1	2.8	(71.6–82.6)
Kansas City, Missouri–Kansas	6,217	89.3	0.9	(87.6–91.0)
Kapaa, Hawaii	646	90.7	1.8	(87.2–94.2)
Kennewick–Pasco–Richland, Washington	660	80.7	2.5	(75.8–85.6)
Kingsport–Bristol–Bristol, Tennessee–Virginia	519	87.0	2.7	(81.7–92.3)
Lake Charles, Louisiana	622	76.7	2.6	(71.5–81.9)
Las Cruces, New Mexico	732	73.5	2.7	(68.3–78.7)
Las Vegas–Paradise, Nevada	1,223	79.9	1.9	(76.3–83.5)
Lawrence, Kansas	601	88.0	2.5	(83.1–92.9)
Lebanon, New Hampshire–Vermont	1,517	86.7	1.4	(83.9–89.5)
Lewiston, Idaho–Washington	544	83.8	2.5	(78.9–88.7)
Lincoln, Nebraska	1,056	86.1	2.2	(81.8–90.4)
Little Rock–North Little Rock–Conway, Arkansas	835	87.5	1.8	(83.9–91.1)
Los Angeles–Long Beach–Glendale, California†	2,166	80.4	1.2	(78.1–82.7)
Louisville/Jefferson County, Kentucky–Indiana	2,304	88.1	1.7	(84.8–91.4)
Lubbock, Texas	518	80.8	2.8	(75.2–86.4)
Manchester–Nashua, New Hampshire	1,433	90.6	1.3	(88.0–93.2)
Manhattan, Kansas	604	90.5	2.0	(86.5–94.5)
McAllen–Edinburg–Mission, Texas	538	52.7	3.1	(46.7–58.7)
Memphis, Tennessee–Mississippi–Arkansas	1,532	84.0	2.0	(80.0–88.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	848	84.4	2.2	(80.2–88.6)
Milwaukee–Waukesha–West Allis, Wisconsin	845	91.0	1.8	(87.6–94.4)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,124	92.9	0.8	(91.3–94.5)
Minot, North Dakota	537	91.5	1.8	(88.0–95.0)
Mobile, Alabama	709	79.1	2.5	(74.1–84.1)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	685	78.3	2.8	(72.8–83.8)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	84.7	2.2	(80.5–88.9)
Nassau–Suffolk, New York†	945	91.4	1.5	(88.4–94.4)
Newark–Union, New Jersey–Pennsylvania†	3,371	85.8	1.2	(83.5–88.1)
New Haven–Milford, Connecticut	1,652	88.7	1.5	(85.8–91.6)
New Orleans–Metairie–Kenner, Louisiana	1,619	83.9	1.6	(80.8–87.0)
New York–White Plains–Wayne, New York–New Jersey†	4,423	85.7	0.9	(83.8–87.6)
Norfolk, Nebraska	626	86.5	2.1	(82.4–90.6)
North Platte, Nebraska	525	91.7	1.4	(88.9–94.5)
Oakland–Fremont–Hayward, California†	1,311	89.5	1.4	(86.7–92.3)
Ocean City, New Jersey	510	89.5	2.3	(85.0–94.0)
Ogden–Clearfield, Utah	1,607	89.5	1.1	(87.3–91.7)
Oklahoma City, Oklahoma	2,301	79.7	1.3	(77.2–82.2)
Olympia, Washington	816	87.1	1.9	(83.5–90.7)
Omaha–Council Bluffs, Nebraska–Iowa	2,340	87.4	1.4	(84.7–90.1)
Orlando–Kissimmee, Florida	916	79.3	2.5	(74.4–84.2)

See table footnotes on page 26.

**TABLE 5. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	708	79.9	3.2	(73.7–86.1)
Peabody, Massachusetts†	2,301	94.5	1.0	(92.5–96.5)
Philadelphia, Pennsylvania†	1,672	91.1	1.1	(89.0–93.2)
Phoenix–Mesa–Scottsdale, Arizona	1,580	86.7	1.4	(83.9–89.5)
Pittsburgh, Pennsylvania	2,179	90.5	1.2	(88.2–92.8)
Portland–South Portland–Biddeford, Maine	2,651	91.4	0.9	(89.7–93.1)
Portland–Vancouver–Beaverton, Oregon–Washington	3,084	85.8	1.2	(83.4–88.2)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,238	90.3	0.5	(89.3–91.3)
Provo–Orem, Utah	1,140	82.1	1.9	(78.5–85.7)
Raleigh–Cary, North Carolina	1,012	81.8	2.2	(77.6–86.0)
Rapid City, South Dakota	1,005	84.8	1.6	(81.7–87.9)
Reno–Sparks, Nevada	1,279	84.3	1.5	(81.3–87.3)
Richmond, Virginia	809	90.5	1.9	(86.8–94.2)
Riverside–San Bernardino–Ontario, California	2,036	77.3	1.5	(74.5–80.1)
Riverton, Wyoming	500	79.7	3.1	(73.6–85.8)
Rochester, New York	566	90.0	2.4	(85.3–94.7)
Rockingham County–Strafford County, New Hampshire†	1,622	90.1	1.4	(87.4–92.8)
Rutland, Vermont	708	91.4	1.4	(88.7–94.1)
Sacramento–Arden–Arcade–Roseville, California	1,267	88.7	1.5	(85.9–91.5)
St. Louis, Missouri–Illinois	1,626	89.3	1.4	(86.6–92.0)
Salt Lake City, Utah	4,313	85.4	0.9	(83.7–87.1)
San Antonio, Texas	816	81.1	2.2	(76.8–85.4)
San Diego–Carlsbad–San Marcos, California	1,707	83.4	1.4	(80.7–86.1)
San Francisco–San Mateo–Redwood City, California†	1,039	88.5	1.4	(85.8–91.2)
San Jose–Sunnyvale–Santa Clara, California	912	91.9	1.5	(89.0–94.8)
Santa Ana–Anaheim–Irvine, California†	1,521	85.9	1.3	(83.4–88.4)
Santa Fe, New Mexico	772	81.8	2.3	(77.4–86.2)
Scottsbluff, Nebraska	772	87.2	1.6	(84.0–90.4)
Scranton–Wilkes-Barre, Pennsylvania	929	92.4	1.9	(88.8–96.0)
Seaford, Delaware	1,462	87.6	1.5	(84.6–90.6)
Seattle–Bellevue–Everett, Washington†	4,859	88.0	0.8	(86.4–89.6)
Shreveport–Bossier City, Louisiana	685	79.7	2.3	(75.2–84.2)
Sioux City, Iowa–Nebraska–South Dakota	1,157	84.6	2.6	(79.5–89.7)
Sioux Falls, South Dakota	854	92.6	1.4	(89.9–95.3)
Spokane, Washington	1,249	84.6	1.8	(81.0–88.2)
Springfield, Massachusetts	2,089	94.7	1.1	(92.6–96.8)
Tacoma, Washington†	1,755	84.0	1.5	(81.0–87.0)
Tallahassee, Florida	580	83.6	3.5	(76.6–90.6)
Tampa–St. Petersburg–Clearwater, Florida	869	82.9	2.3	(78.3–87.5)
Toledo, Ohio	842	85.8	2.4	(81.1–90.5)
Topeka, Kansas	1,937	89.8	1.0	(87.8–91.8)
Trenton–Ewing, New Jersey	510	89.7	1.9	(86.0–93.4)
Tucson, Arizona	688	87.2	2.1	(83.1–91.3)
Tulsa, Oklahoma	2,297	80.1	1.3	(77.5–82.7)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,054	88.5	1.7	(85.1–91.9)
Warren–Troy–Farmington Hills, Michigan†	1,815	89.2	1.1	(87.0–91.4)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,121	91.0	1.2	(88.6–93.4)
Wenatchee, Washington	569	79.0	3.0	(73.2–84.8)
Wichita, Kansas	3,905	89.5	0.7	(88.1–90.9)
Wilmington, Delaware–Maryland–New Jersey†	1,889	90.4	1.1	(88.3–92.5)
Wilmington, North Carolina	505	78.8	4.1	(70.8–86.8)
Worcester, Massachusetts	2,059	95.7	0.7	(94.4–97.0)
Yakima, Washington	787	77.5	2.1	(73.3–81.7)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	886	87.8	2.1	(83.8–91.8)
<i>Median</i>		86.3		
<i>Range</i>		52.7–96.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare or Medicaid).

† Metropolitan division.



**TABLE 6. Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	604	85.0	2.3	(80.6–89.4)
Mobile County, Alabama	709	79.1	2.5	(74.1–84.1)
Anchorage Municipality, Alaska	371	85.6	2.6	(80.5–90.7)
Maricopa County, Arizona	1,203	86.3	1.5	(83.3–89.3)
Pima County, Arizona	688	87.2	2.1	(83.1–91.3)
Pinal County, Arizona	377	89.6	2.1	(85.6–93.6)
Benton County, Arkansas	333	84.1	3.3	(77.6–90.6)
Pulaski County, Arkansas	550	87.3	2.1	(83.1–91.5)
Washington County, Arkansas	290	76.1	4.3	(67.7–84.5)
Alameda County, California	732	88.5	2.0	(84.5–92.5)
Contra Costa County, California	579	92.0	1.6	(88.8–95.2)
Los Angeles County, California	2,166	80.4	1.2	(78.1–82.7)
Orange County, California	1,521	85.9	1.3	(83.4–88.4)
Riverside County, California	1,090	81.1	1.9	(77.3–84.9)
Sacramento County, California	765	88.1	1.9	(84.3–91.9)
San Bernardino County, California	946	74.1	2.1	(70.0–78.2)
San Diego County, California	1,707	83.4	1.4	(80.7–86.1)
San Francisco County, California	443	88.0	2.0	(84.1–91.9)
San Mateo County, California	391	88.8	2.4	(84.1–93.5)
Santa Clara County, California	888	91.8	1.5	(88.9–94.7)
Adams County, Colorado	870	78.8	2.1	(74.8–82.8)
Arapahoe County, Colorado	897	88.5	1.7	(85.3–91.7)
Denver County, Colorado	913	82.8	1.9	(79.1–86.5)
Douglas County, Colorado	574	93.4	1.4	(90.6–96.2)
El Paso County, Colorado	1,026	87.1	1.5	(84.1–90.1)
Jefferson County, Colorado	1,140	88.9	1.5	(86.1–91.7)
Larimer County, Colorado	584	81.0	3.1	(74.9–87.1)
Weld County, Colorado	507	81.2	2.7	(75.9–86.5)
Fairfield County, Connecticut	1,928	90.7	1.4	(88.1–93.3)
Hartford County, Connecticut	1,496	91.7	1.2	(89.3–94.1)
Middlesex County, Connecticut	269	94.3	1.9	(90.7–97.9)
New Haven County, Connecticut	1,652	88.7	1.5	(85.8–91.6)
Tolland County, Connecticut	297	93.8	2.1	(89.6–98.0)
Kent County, Delaware	1,435	89.9	1.3	(87.4–92.4)
New Castle County, Delaware	1,461	91.6	1.1	(89.4–93.8)
Sussex County, Delaware	1,462	87.6	1.5	(84.6–90.6)
District of Columbia	3,896	93.0	0.7	(91.5–94.5)
Broward County, Florida	269	82.4	4.2	(74.2–90.6)
Duval County, Florida	502	85.4	2.6	(80.2–90.6)
Hillsborough County, Florida	283	82.2	3.3	(75.6–88.8)
Miami–Dade County, Florida	280	82.9	4.3	(74.4–91.4)
Orange County, Florida	302	81.6	3.7	(74.4–88.8)
Osceola County, Florida	289	74.1	3.9	(66.4–81.8)
Palm Beach County, Florida	299	89.0	2.6	(84.0–94.0)
Pinellas County, Florida	276	88.1	2.6	(83.0–93.2)
Clayton County, Georgia	254	67.3	4.8	(57.9–76.7)
Cobb County, Georgia	286	90.6	2.3	(86.1–95.1)
DeKalb County, Georgia	305	84.2	3.3	(77.8–90.6)
Fulton County, Georgia	335	87.3	2.6	(82.2–92.4)
Hawaii County, Hawaii	1,488	91.8	1.0	(89.8–93.8)
Honolulu County, Hawaii	2,999	93.1	0.8	(91.6–94.6)
Kauai County, Hawaii	646	90.7	1.8	(87.2–94.2)
Maui County, Hawaii	1,537	91.7	1.1	(89.6–93.8)
Ada County, Idaho	676	87.9	1.7	(84.5–91.3)
Bonneville County, Idaho	388	81.8	2.8	(76.3–87.3)
Canyon County, Idaho	461	75.0	2.9	(69.3–80.7)
Nez Perce County, Idaho	303	83.2	3.3	(76.8–89.6)
Cook County, Illinois	1,892	84.2	1.3	(81.6–86.8)
DuPage County, Illinois	394	91.0	2.1	(86.8–95.2)
Lake County, Illinois	302	91.4	2.4	(86.6–96.2)
Will County, Illinois	300	88.4	3.1	(82.3–94.5)
Allen County, Indiana	500	84.9	2.5	(80.0–89.8)
Lake County, Indiana	987	81.8	2.8	(76.2–87.4)

See table footnotes on page 31.

**TABLE 6. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,509	80.4	1.9	(76.7–84.1)
Vanderburgh County, Indiana	255	85.4	3.3	(78.9–91.9)
Linn County, Iowa	520	91.6	1.9	(87.9–95.3)
Polk County, Iowa	809	88.7	1.6	(85.5–91.9)
Scott County, Iowa	370	93.2	1.9	(89.5–96.9)
Butler County, Kansas	442	94.3	1.5	(91.4–97.2)
Douglas County, Kansas	601	88.0	2.5	(83.1–92.9)
Johnson County, Kansas	3,218	93.6	0.6	(92.3–94.9)
Leavenworth County, Kansas	464	88.2	2.3	(83.6–92.8)
Riley County, Kansas	285	95.1	2.4	(90.5–99.7)
Sedgwick County, Kansas	3,026	88.6	0.8	(87.0–90.2)
Shawnee County, Kansas	1,405	89.9	1.2	(87.5–92.3)
Wyandotte County, Kansas	1,081	78.4	1.9	(74.7–82.1)
Jefferson County, Kentucky	1,797	88.1	2.4	(83.4–92.8)
Caddo Parish, Louisiana	438	77.2	3.1	(71.1–83.3)
Calcasieu Parish, Louisiana	605	76.6	2.7	(71.3–81.9)
East Baton Rouge Parish, Louisiana	719	81.3	2.2	(76.9–85.7)
Jefferson Parish, Louisiana	562	82.8	2.6	(77.8–87.8)
Orleans Parish, Louisiana	381	79.5	3.7	(72.3–86.7)
Rapides Parish, Louisiana	457	84.0	2.3	(79.5–88.5)
St. Tammany Parish, Louisiana	428	90.7	1.9	(86.9–94.5)
Terrebonne Parish, Louisiana	299	73.1	4.2	(64.9–81.3)
Cumberland County, Maine	1,343	91.9	1.2	(89.5–94.3)
Kennebec County, Maine	653	88.2	2.3	(83.8–92.6)
Penobscot County, Maine	738	84.6	2.3	(80.1–89.1)
Sagadahoc County, Maine	343	91.2	1.8	(87.7–94.7)
York County, Maine	965	90.5	1.5	(87.6–93.4)
Anne Arundel County, Maryland	559	92.1	1.6	(88.9–95.3)
Baltimore County, Maryland	986	91.6	1.3	(89.1–94.1)
Cecil County, Maryland	250	92.8	2.3	(88.3–97.3)
Charles County, Maryland	315	93.8	1.6	(90.7–96.9)
Frederick County, Maryland	548	91.1	1.8	(87.6–94.6)
Harford County, Maryland	260	93.8	2.1	(89.8–97.8)
Howard County, Maryland	340	92.5	2.1	(88.5–96.5)
Montgomery County, Maryland	1,073	91.2	1.3	(88.6–93.8)
Prince George's County, Maryland	640	85.1	2.3	(80.5–89.7)
Queen Anne's County, Maryland	264	90.8	2.2	(86.4–95.2)
Washington County, Maryland	358	84.9	2.7	(79.6–90.2)
Baltimore City, Maryland	514	81.5	2.7	(76.2–86.8)
Bristol County, Massachusetts	2,966	94.7	0.7	(93.3–96.1)
Essex County, Massachusetts	2,301	95.6	0.9	(93.9–97.3)
Hampden County, Massachusetts	1,609	94.1	1.3	(91.6–96.6)
Hampshire County, Massachusetts	293	97.1	1.1	(95.0–99.2)
Middlesex County, Massachusetts	3,080	96.4	0.6	(95.2–97.6)
Norfolk County, Massachusetts	943	97.6	0.7	(96.2–99.0)
Plymouth County, Massachusetts	665	96.1	1.1	(94.0–98.2)
Suffolk County, Massachusetts	1,796	88.8	2.0	(84.9–92.7)
Worcester County, Massachusetts	2,059	95.7	0.7	(94.4–97.0)
Kent County, Michigan	463	88.7	2.6	(83.6–93.8)
Macomb County, Michigan	531	85.4	2.5	(80.6–90.2)
Oakland County, Michigan	947	92.9	1.2	(90.5–95.3)
Wayne County, Michigan	2,073	84.6	1.4	(81.9–87.3)
Anoka County, Minnesota	293	93.2	2.1	(89.1–97.3)
Dakota County, Minnesota	381	96.3	1.2	(93.9–98.7)
Hennepin County, Minnesota	1,139	94.7	0.9	(93.0–96.4)
Ramsey County, Minnesota	532	92.1	1.7	(88.8–95.4)
DeSoto County, Mississippi	629	84.2	3.3	(77.7–90.7)
George County, Mississippi	377	74.6	3.3	(68.2–81.0)
Hancock County, Mississippi	339	83.3	2.9	(77.6–89.0)
Harrison County, Mississippi	291	87.1	3.0	(81.3–92.9)
Hinds County, Mississippi	506	77.6	2.9	(71.9–83.3)
Jackson County, Mississippi	331	81.9	3.5	(75.1–88.7)
Rankin County, Mississippi	332	88.7	2.7	(83.4–94.0)

See table footnotes on page 31.

**TABLE 6. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	329	78.9	3.3	(72.5–85.3)
Jackson County, Missouri	492	90.7	1.6	(87.5–93.9)
St. Louis County, Missouri	482	91.8	1.9	(88.0–95.6)
St. Louis City, Missouri	489	79.6	3.1	(73.5–85.7)
Flathead County, Montana	550	77.1	2.8	(71.6–82.6)
Gallatin County, Montana	587	82.9	2.8	(77.3–88.5)
Silver Bow County, Montana	577	87.5	2.0	(83.5–91.5)
Yellowstone County, Montana	574	81.7	2.6	(76.5–86.9)
Adams County, Nebraska	446	88.6	2.6	(83.4–93.8)
Dakota County, Nebraska	712	77.6	2.2	(73.3–81.9)
Douglas County, Nebraska	934	85.6	1.9	(81.9–89.3)
Hall County, Nebraska	596	85.4	2.2	(81.0–89.8)
Lancaster County, Nebraska	782	86.0	2.4	(81.3–90.7)
Lincoln County, Nebraska	495	91.1	1.5	(88.1–94.1)
Madison County, Nebraska	415	89.4	2.1	(85.2–93.6)
Sarpy County, Nebraska	583	91.3	2.1	(87.1–95.5)
Scotts Bluff County, Nebraska	756	87.5	1.7	(84.2–90.8)
Seward County, Nebraska	274	90.0	2.8	(84.6–95.4)
Clark County, Nevada	1,223	79.9	1.9	(76.3–83.5)
Washoe County, Nevada	1,250	84.5	1.5	(81.5–87.5)
Grafton County, New Hampshire	513	83.7	2.8	(78.1–89.3)
Hillsborough County, New Hampshire	1,433	90.6	1.3	(88.0–93.2)
Merrimack County, New Hampshire	631	88.6	2.0	(84.7–92.5)
Rockingham County, New Hampshire	998	91.3	1.6	(88.2–94.4)
Strafford County, New Hampshire	624	87.2	2.3	(82.7–91.7)
Atlantic County, New Jersey	930	84.2	2.1	(80.0–88.4)
Bergen County, New Jersey	633	87.2	2.3	(82.7–91.7)
Burlington County, New Jersey	552	93.3	1.5	(90.4–96.2)
Camden County, New Jersey	623	90.1	1.9	(86.5–93.7)
Cape May County, New Jersey	510	89.5	2.3	(85.0–94.0)
Essex County, New Jersey	1,066	81.0	1.9	(77.3–84.7)
Gloucester County, New Jersey	512	92.4	1.8	(88.9–95.9)
Hudson County, New Jersey	1,008	80.0	1.9	(76.3–83.7)
Hunterdon County, New Jersey	540	93.1	2.1	(88.9–97.3)
Mercer County, New Jersey	510	89.7	1.9	(86.0–93.4)
Middlesex County, New Jersey	621	92.8	1.5	(89.9–95.7)
Monmouth County, New Jersey	555	93.2	1.2	(90.8–95.6)
Morris County, New Jersey	715	92.2	2.0	(88.3–96.1)
Ocean County, New Jersey	528	89.9	2.1	(85.8–94.0)
Passaic County, New Jersey	499	85.0	2.5	(80.0–90.0)
Somerset County, New Jersey	558	89.8	1.9	(86.1–93.5)
Sussex County, New Jersey	487	91.6	2.2	(87.3–95.9)
Union County, New Jersey	527	86.5	2.2	(82.2–90.8)
Warren County, New Jersey	481	90.5	2.0	(86.6–94.4)
Bernalillo County, New Mexico	1,473	85.4	1.6	(82.2–88.6)
Dona Ana County, New Mexico	732	73.5	2.7	(68.3–78.7)
McKinley County, New Mexico	571	69.5	2.5	(64.5–74.5)
Sandoval County, New Mexico	652	88.0	1.8	(84.5–91.5)
San Juan County, New Mexico	898	74.6	2.4	(69.9–79.3)
Santa Fe County, New Mexico	772	81.8	2.3	(77.4–86.2)
Valencia County, New Mexico	390	77.1	3.2	(70.8–83.4)
Erie County, New York	452	90.3	2.3	(85.8–94.8)
Kings County, New York	450	89.3	2.0	(85.4–93.2)
Monroe County, New York	381	90.5	2.6	(85.5–95.5)
Nassau County, New York	440	93.1	1.7	(89.7–96.5)
New York County, New York	522	88.2	2.2	(84.0–92.4)
Queens County, New York	480	83.8	2.6	(78.7–88.9)
Suffolk County, New York	505	90.4	2.1	(86.2–94.6)
Westchester County, New York	344	86.1	3.1	(80.0–92.2)
Buncombe County, North Carolina	396	84.7	2.4	(80.1–89.3)
Cabarrus County, North Carolina	349	82.4	2.7	(77.2–87.6)
Catawba County, North Carolina	366	81.7	3.7	(74.5–88.9)
Cumberland County, North Carolina	383	87.3	2.3	(82.9–91.7)

See table footnotes on page 31.

**TABLE 6. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	416	79.6	3.6	(72.6–86.6)
Gaston County, North Carolina	350	83.1	2.8	(77.6–88.6)
Guilford County, North Carolina	426	85.3	3.5	(78.5–92.1)
Henderson County, North Carolina	263	74.3	4.1	(66.4–82.2)
Johnston County, North Carolina	370	83.3	2.6	(78.2–88.4)
Mecklenburg County, North Carolina	616	84.8	2.2	(80.6–89.0)
New Hanover County, North Carolina	413	84.4	3.2	(78.2–90.6)
Orange County, North Carolina	369	87.8	2.6	(82.7–92.9)
Randolph County, North Carolina	357	78.6	2.9	(72.9–84.3)
Union County, North Carolina	369	87.8	2.5	(83.0–92.6)
Wake County, North Carolina	602	82.1	2.6	(77.0–87.2)
Burleigh County, North Dakota	565	91.9	2.0	(87.9–95.9)
Cass County, North Dakota	750	93.4	1.3	(90.8–96.0)
Ward County, North Dakota	465	91.9	2.0	(88.0–95.8)
Cuyahoga County, Ohio	691	88.7	1.9	(85.0–92.4)
Franklin County, Ohio	663	86.5	2.0	(82.5–90.5)
Hamilton County, Ohio	696	90.2	1.6	(87.0–93.4)
Lucas County, Ohio	685	86.3	2.1	(82.1–90.5)
Mahoning County, Ohio	681	87.4	2.0	(83.5–91.3)
Montgomery County, Ohio	680	86.6	1.8	(83.1–90.1)
Stark County, Ohio	684	87.6	2.0	(83.7–91.5)
Summit County, Ohio	681	88.2	1.8	(84.6–91.8)
Canadian County, Oklahoma	267	84.7	3.0	(78.7–90.7)
Cleveland County, Oklahoma	421	88.5	2.1	(84.4–92.6)
Oklahoma County, Oklahoma	1,223	78.2	1.7	(74.9–81.5)
Tulsa County, Oklahoma	1,579	80.3	1.4	(77.5–83.1)
Clackamas County, Oregon	431	85.3	2.6	(80.3–90.3)
Multnomah County, Oregon	649	85.9	2.1	(81.7–90.1)
Washington County, Oregon	441	84.0	3.2	(77.8–90.2)
Allegheny County, Pennsylvania	705	89.8	1.7	(86.5–93.1)
Bucks County, Pennsylvania	304	94.5	1.5	(91.5–97.5)
Delaware County, Pennsylvania	259	91.5	2.7	(86.1–96.9)
Fayette County, Pennsylvania	814	86.3	2.0	(82.4–90.2)
Luzerne County, Pennsylvania	774	93.2	1.2	(90.9–95.5)
Montgomery County, Pennsylvania	392	93.1	1.7	(89.7–96.5)
Philadelphia County, Pennsylvania	491	89.7	2.0	(85.8–93.6)
Westmoreland County, Pennsylvania	253	93.6	2.1	(89.5–97.7)
Kent County, Rhode Island	858	92.0	1.2	(89.6–94.4)
Newport County, Rhode Island	474	92.6	1.9	(88.8–96.4)
Providence County, Rhode Island	3,994	85.2	1.0	(83.3–87.1)
Washington County, Rhode Island	699	89.3	2.0	(85.4–93.2)
Aiken County, South Carolina	460	86.8	2.5	(82.0–91.6)
Beaufort County, South Carolina	687	87.5	2.6	(82.4–92.6)
Berkeley County, South Carolina	359	93.8	1.9	(90.1–97.5)
Charleston County, South Carolina	689	89.9	2.8	(84.4–95.4)
Greenville County, South Carolina	543	82.7	3.1	(76.6–88.8)
Horry County, South Carolina	685	78.3	2.8	(72.8–83.8)
Richland County, South Carolina	738	78.6	3.6	(71.5–85.7)
Minnehaha County, South Dakota	608	92.0	1.8	(88.4–95.6)
Pennington County, South Dakota	793	85.6	1.8	(82.2–89.0)
Davidson County, Tennessee	436	85.7	3.2	(79.4–92.0)
Hamilton County, Tennessee	437	89.2	2.3	(84.6–93.8)
Shelby County, Tennessee	374	88.3	2.2	(83.9–92.7)
Sullivan County, Tennessee	363	82.8	3.3	(76.4–89.2)
Bexar County, Texas	673	79.6	2.5	(74.6–84.6)
Dallas County, Texas	310	71.0	3.7	(63.7–78.3)
El Paso County, Texas	909	64.0	2.2	(59.8–68.2)
Fort Bend County, Texas	697	81.1	3.0	(75.2–87.0)
Harris County, Texas	1,149	74.9	2.0	(71.0–78.8)
Hidalgo County, Texas	538	52.7	3.1	(46.7–58.7)
Lubbock County, Texas	502	81.3	2.9	(75.7–86.9)
Tarrant County, Texas	487	78.8	2.7	(73.5–84.1)
Travis County, Texas	928	80.6	2.5	(75.7–85.5)

See table footnotes on page 31.



**TABLE 6. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had health-care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	599	88.2	2.4	(83.5–92.9)
Davis County, Utah	800	89.7	1.6	(86.6–92.8)
Salt Lake County, Utah	3,317	85.4	0.9	(83.5–87.3)
Summit County, Utah	498	84.0	2.7	(78.7–89.3)
Tooele County, Utah	498	87.1	2.1	(82.9–91.3)
Utah County, Utah	1,083	82.3	1.9	(78.6–86.0)
Wasatch County, Utah	527	85.4	2.4	(80.7–90.1)
Weber County, Utah	773	89.0	1.6	(85.9–92.1)
Chittenden County, Vermont	1,404	92.4	1.3	(89.8–95.0)
Franklin County, Vermont	444	90.8	1.7	(87.5–94.1)
Orange County, Vermont	355	87.9	2.3	(83.4–92.4)
Rutland County, Vermont	708	91.4	1.4	(88.7–94.1)
Washington County, Vermont	689	91.5	1.8	(87.9–95.1)
Windsor County, Vermont	649	90.1	1.6	(86.9–93.3)
Benton County, Washington	419	84.9	2.9	(79.2–90.6)
Chelan County, Washington	300	79.2	3.2	(72.9–85.5)
Clark County, Washington	1,136	87.7	2.0	(83.8–91.6)
Douglas County, Washington	269	NA <sup>†</sup>	NA	NA
King County, Washington	3,199	89.1	0.9	(87.3–90.9)
Kitsap County, Washington	934	90.8	1.4	(88.0–93.6)
Pierce County, Washington	1,755	84.6	1.5	(81.7–87.5)
Skamania County, Washington	252	84.2	2.8	(78.6–89.8)
Snohomish County, Washington	1,660	87.2	1.2	(84.8–89.6)
Spokane County, Washington	1,249	84.6	1.8	(81.0–88.2)
Thurston County, Washington	816	87.1	1.9	(83.5–90.7)
Yakima County, Washington	787	77.5	2.1	(73.3–81.7)
Kanawha County, West Virginia	556	87.1	2.1	(83.0–91.2)
Milwaukee County, Wisconsin	627	87.1	2.8	(81.5–92.7)
Fremont County, Wyoming	500	79.7	3.1	(73.6–85.8)
Laramie County, Wyoming	941	86.7	1.8	(83.1–90.3)
Natrona County, Wyoming	772	86.0	1.9	(82.2–89.8)
<i>Median</i>		87.5		
<i>Range</i>		52.7–97.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare or Medicaid).

<sup>†</sup> Not available if the unweighted sample size for the denominator was <50 or if the 95% CI half width is >10.

**TABLE 7. Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,695	74.9	0.9	(73.1–76.7)
Alaska	2,368	62.5	1.6	(59.4–65.6)
Arizona	5,414	65.9	1.4	(63.2–68.6)
Arkansas	3,968	60.8	1.2	(58.4–63.2)
California	17,354	67.3	0.5	(66.2–68.4)
Colorado	11,714	59.4	0.7	(58.0–60.8)
Connecticut	6,439	71.3	0.9	(69.6–73.0)
Delaware	4,333	79.3	1.0	(77.3–81.3)
District of Columbia	3,868	75.0	1.0	(73.1–76.9)
Florida	11,906	74.9	0.8	(73.2–76.6)
Georgia	5,835	74.4	1.0	(72.4–76.4)
Hawaii	6,613	61.9	0.9	(60.1–63.7)
Idaho	5,353	56.7	1.0	(54.7–58.7)
Illinois	5,840	64.4	0.9	(62.6–66.2)
Indiana	9,241	62.6	0.8	(61.0–64.2)
Iowa	5,936	70.1	0.8	(68.4–71.8)
Kansas	18,603	71.2	0.5	(70.2–72.2)
Kentucky	9,557	66.8	0.9	(65.0–68.6)
Louisiana	8,791	76.1	0.7	(74.7–77.5)
Maine	8,042	70.6	0.7	(69.2–72.0)
Maryland	8,507	74.7	0.7	(73.3–76.1)
Massachusetts	16,590	76.3	0.6	(75.0–77.6)
Michigan	9,142	68.9	0.7	(67.5–70.3)
Minnesota	5,585	71.4	1.0	(69.5–73.3)
Mississippi	11,050	66.6	0.7	(65.2–68.0)
Missouri	4,991	63.9	1.1	(61.7–66.1)
Montana	7,556	57.7	0.9	(55.9–59.5)
Nebraska	15,741	59.3	0.9	(57.6–61.0)
Nevada	3,805	64.5	1.5	(61.6–67.4)
New Hampshire	5,933	71.4	0.9	(69.6–73.2)
New Jersey	12,251	77.1	0.7	(75.8–78.4)
New Mexico	8,708	60.6	0.9	(58.9–62.3)
New York	6,893	73.4	0.8	(71.8–75.0)
North Carolina	13,066	70.8	0.8	(69.3–72.3)
North Dakota	4,724	63.3	1.0	(61.3–65.3)
Ohio	9,675	68.6	0.7	(67.1–70.1)
Oklahoma	7,679	55.8	0.8	(54.2–57.4)
Oregon	4,219	59.3	1.1	(57.1–61.5)
Pennsylvania	9,126	70.9	0.7	(69.4–72.4)
Rhode Island	6,267	78.0	0.9	(76.3–79.7)
South Carolina	9,660	68.0	0.9	(66.3–69.7)
South Dakota	6,775	70.3	0.9	(68.4–72.2)
Tennessee	5,517	76.6	1.0	(74.7–78.5)
Texas	11,519	60.5	0.9	(58.8–62.2)
Utah	9,938	57.0	0.8	(55.5–58.5)
Vermont	6,624	64.1	0.8	(62.5–65.7)
Virginia	5,123	72.8	1.2	(70.5–75.1)
Washington	19,942	61.5	0.5	(60.5–62.5)
West Virginia	4,774	75.9	0.9	(74.2–77.6)
Wisconsin	4,533	64.7	1.2	(62.4–67.0)
Wyoming	6,023	57.3	0.9	(55.5–59.1)
Guam	1,254	69.5	1.7	(66.2–72.8)
Puerto Rico	4,193	77.6	0.9	(75.8–79.4)
Virgin Islands	2,487	66.6	1.3	(64.1–69.1)
<i>Median</i>		68.3		
<i>Range</i>		55.8–79.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 8. Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	771	67.2	2.6	(62.1–72.3)
Albuquerque, New Mexico	2,585	61.7	1.5	(58.8–64.6)
Alexandria, Louisiana	522	74.9	2.7	(69.5–80.3)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	856	74.4	2.5	(69.6–79.2)
Anchorage, Alaska	504	65.3	2.6	(60.2–70.4)
Asheville, North Carolina	835	70.8	2.1	(66.6–75.0)
Atlanta–Sandy Springs–Marietta, Georgia	2,316	74.1	1.6	(71.0–77.2)
Atlantic City–Hammonton, New Jersey	920	78.1	2.1	(74.0–82.2)
Augusta–Richmond County, Georgia–South Carolina	859	75.2	2.4	(70.5–79.9)
Augusta–Waterville, Maine	653	70.0	2.7	(64.7–75.3)
Austin–Round Rock, Texas	1,605	64.5	2.5	(59.6–69.4)
Baltimore–Towson, Maryland	3,087	74.1	1.1	(71.9–76.3)
Bangor, Maine	732	69.9	2.5	(64.9–74.9)
Barre, Vermont	686	65.7	2.5	(60.8–70.6)
Baton Rouge, Louisiana	1,199	77.1	1.8	(73.6–80.6)
Bethesda–Frederick–Gaithersburg, Maryland*	1,611	72.3	1.6	(69.2–75.4)
Billings, Montana	622	55.3	2.7	(50.0–60.6)
Birmingham–Hoover, Alabama	1,151	74.5	1.9	(70.7–78.3)
Bismarck, North Dakota	733	63.4	2.5	(58.6–68.2)
Boise City–Nampa, Idaho	1,275	56.5	1.9	(52.8–60.2)
Boston–Quincy, Massachusetts*	3,384	77.7	1.3	(75.2–80.2)
Bozeman, Montana	586	56.7	3.2	(50.5–62.9)
Bremerton–Silverdale, Washington	926	64.8	2.1	(60.6–69.0)
Bridgeport–Stamford–Norwalk, Connecticut	1,921	68.2	1.8	(64.7–71.7)
Buffalo–Niagara Falls, New York	551	76.5	2.6	(71.4–81.6)
Burlington–South Burlington, Vermont	1,922	60.9	1.6	(57.7–64.1)
Butte–Silver Bow, Montana	571	61.4	3.0	(55.4–67.4)
Cambridge–Newton–Framingham, Massachusetts*	3,062	74.0	1.4	(71.2–76.8)
Camden, New Jersey*	1,665	78.7	1.4	(76.0–81.4)
Canton–Massillon, Ohio	710	69.0	2.5	(64.2–73.8)
Casper, Wyoming	772	56.9	2.4	(52.2–61.6)
Cedar Rapids, Iowa	586	72.9	2.5	(68.0–77.8)
Charleston, West Virginia	852	77.2	1.9	(73.4–81.0)
Charleston–North Charleston–Summerville, South Carolina	1,170	70.0	2.6	(64.8–75.2)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,837	66.6	1.8	(63.1–70.1)
Chattanooga, Tennessee–Georgia	589	72.7	3.2	(66.5–78.9)
Cheyenne, Wyoming	937	59.6	2.3	(55.1–64.1)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,600	64.2	1.1	(62.0–66.4)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,718	69.1	1.8	(65.5–72.7)
Cleveland–Elyria–Mentor, Ohio	1,092	71.2	1.8	(67.6–74.8)
Colorado Springs, Colorado	1,147	62.6	2.0	(58.8–66.4)
Columbia, South Carolina	1,180	68.8	2.5	(63.9–73.7)
Columbus, Ohio	1,383	66.8	1.9	(63.1–70.5)
Concord, New Hampshire	626	69.6	2.6	(64.5–74.7)
Dallas–Plano–Irving, Texas*	586	61.6	3.5	(54.7–68.5)
Davenport–Moline–Rock Island, Iowa–Illinois	515	64.3	3.5	(57.4–71.2)
Dayton, Ohio	809	70.1	2.3	(65.6–74.6)
Denver–Aurora, Colorado	4,801	60.5	1.0	(58.5–62.5)
Des Moines–West Des Moines, Iowa	1,048	71.8	1.8	(68.2–75.4)
Detroit–Livonia–Dearborn, Michigan*	2,053	70.5	1.7	(67.1–73.9)
Dover, Delaware	1,427	79.9	1.5	(77.0–82.8)
Durham, North Carolina	879	72.5	3.4	(65.8–79.2)
Edison–New Brunswick, New Jersey*	2,237	77.1	1.2	(74.7–79.5)
El Paso, Texas	909	54.7	2.2	(50.3–59.1)
Evansville, Indiana–Kentucky	583	71.2	2.8	(65.7–76.7)
Fargo, North Dakota–Minnesota	805	66.5	3.4	(59.8–73.2)
Farmington, New Mexico	885	58.3	2.4	(53.5–63.1)
Fayetteville, North Carolina	536	78.9	2.4	(74.1–83.7)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	661	55.2	3.2	(48.9–61.5)
Fort Collins–Loveland, Colorado	576	53.2	3.2	(47.0–59.4)
Fort Wayne, Indiana	598	57.6	2.6	(52.5–62.7)
Fort Worth–Arlington, Texas*	598	62.0	2.7	(56.7–67.3)
Gallup, New Mexico	556	60.8	2.6	(55.6–66.0)

See table footnotes on page 35.

**TABLE 8. (Continued) Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	816	57.2	2.4	(52.6–61.8)
Grand Rapids–Wyoming, Michigan	636	70.7	2.6	(65.7–75.7)
Greeley, Colorado	496	55.4	3.3	(48.9–61.9)
Greensboro–High Point, North Carolina	810	72.9	2.5	(67.9–77.9)
Greenville–Mauldin–Easley, South Carolina	850	63.9	2.9	(58.2–69.6)
Gulfport–Biloxi, Mississippi	953	65.1	3.4	(58.5–71.7)
Hagerstown–Martinsburg, Maryland–West Virginia	614	70.5	2.6	(65.4–75.6)
Hartford–West Hartford–East Hartford, Connecticut	2,048	73.6	1.5	(70.6–76.6)
Hastings, Nebraska	573	58.0	2.9	(52.3–63.7)
Heber, Utah	521	56.6	3.4	(50.0–63.2)
Hickory–Lenoir–Morganton, North Carolina	779	70.1	2.7	(64.8–75.4)
Hilo, Hawaii	1,475	59.1	1.6	(55.9–62.3)
Hilton Head Island–Beaufort, South Carolina	798	70.5	2.8	(65.1–75.9)
Honolulu, Hawaii	2,972	63.2	1.2	(60.9–65.5)
Houma–Bayou Cane–Thibodaux, Louisiana	530	75.1	2.9	(69.5–80.7)
Houston–Sugar Land–Baytown, Texas	2,154	58.4	1.7	(55.0–61.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	692	73.7	2.6	(68.7–78.7)
Idaho Falls, Idaho	502	55.1	3.0	(49.3–60.9)
Indianapolis–Carmel, Indiana	2,208	62.8	1.7	(59.5–66.1)
Jackson, Mississippi	1,194	70.1	1.9	(66.4–73.8)
Jacksonville, Florida	1,068	73.7	2.3	(69.1–78.3)
Kahului–Wailuku, Hawaii	1,523	57.9	1.8	(54.3–61.5)
Kalispell, Montana	547	54.5	2.9	(48.8–60.2)
Kansas City, Missouri–Kansas	6,157	68.0	1.3	(65.5–70.5)
Kapaa, Hawaii	643	58.1	2.7	(52.7–63.5)
Kennewick–Pasco–Richland, Washington	650	65.1	2.6	(59.9–70.3)
Kingsport–Bristol–Bristol, Tennessee–Virginia	514	78.9	3.3	(72.5–85.3)
Lake Charles, Louisiana	618	74.6	2.6	(69.5–79.7)
Las Cruces, New Mexico	722	59.7	2.8	(54.2–65.2)
Las Vegas–Paradise, Nevada	1,214	64.4	2.0	(60.5–68.3)
Lawrence, Kansas	593	62.9	3.4	(56.2–69.6)
Lebanon, New Hampshire–Vermont	1,514	68.8	1.6	(65.6–72.0)
Lewiston, Idaho–Washington	540	56.9	3.0	(51.1–62.7)
Lincoln, Nebraska	1,045	55.9	2.6	(50.8–61.0)
Little Rock–North Little Rock–Conway, Arkansas	829	64.3	2.5	(59.3–69.3)
Los Angeles–Long Beach–Glendale, California*	2,161	69.8	1.4	(67.1–72.5)
Louisville/Jefferson County, Kentucky–Indiana	2,296	64.4	2.3	(59.9–68.9)
Lubbock, Texas	521	67.2	3.2	(61.0–73.4)
Manchester–Nashua, New Hampshire	1,427	72.0	2.1	(67.9–76.1)
Manhattan, Kansas	591	67.8	3.1	(61.6–74.0)
McAllen–Edinburg–Mission, Texas	536	53.0	3.1	(47.0–59.0)
Memphis, Tennessee–Mississippi–Arkansas	1,525	75.1	2.2	(70.8–79.4)
Miami–Fort Lauderdale–Pompano Beach, Florida	846	79.1	2.4	(74.5–83.7)
Milwaukee–Waukesha–West Allis, Wisconsin	843	68.0	2.8	(62.6–73.4)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,115	69.9	1.3	(67.3–72.5)
Minot, North Dakota	533	68.7	2.6	(63.7–73.7)
Mobile, Alabama	704	71.2	2.8	(65.7–76.7)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	670	58.6	2.9	(52.9–64.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	834	75.3	2.4	(70.6–80.0)
Nassau–Suffolk, New York*	947	72.0	1.9	(68.2–75.8)
Newark–Union, New Jersey–Pennsylvania*	3,329	77.6	1.2	(75.3–79.9)
New Haven–Milford, Connecticut	1,635	71.8	1.9	(68.1–75.5)
New Orleans–Metairie–Kenner, Louisiana	1,603	76.5	1.7	(73.2–79.8)
New York–White Plains–Wayne, New York–New Jersey*	4,408	76.0	1.0	(74.0–78.0)
Norfolk, Nebraska	623	51.9	2.7	(46.6–57.2)
North Platte, Nebraska	515	61.2	3.2	(54.9–67.5)
Oakland–Fremont–Hayward, California*	1,312	68.3	1.9	(64.6–72.0)
Ocean City, New Jersey	510	75.4	2.9	(69.7–81.1)
Ogden–Clearfield, Utah	1,565	61.6	1.6	(58.4–64.8)
Oklahoma City, Oklahoma	2,252	54.4	1.4	(51.6–57.2)
Olympia, Washington	803	61.0	2.2	(56.6–65.4)
Omaha–Council Bluffs, Nebraska–Iowa	2,324	63.7	1.6	(60.5–66.9)
Orlando–Kissimmee, Florida	906	73.5	2.5	(68.7–78.3)

See table footnotes on page 35.



**TABLE 8. (Continued) Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	700	62.4	3.2	(56.0–68.8)
Peabody, Massachusetts*	2,298	77.5	1.7	(74.2–80.8)
Philadelphia, Pennsylvania*	1,667	70.8	1.5	(67.8–73.8)
Phoenix–Mesa–Scottsdale, Arizona	1,564	64.5	1.9	(60.8–68.2)
Pittsburgh, Pennsylvania	2,176	72.0	1.7	(68.8–75.2)
Portland–South Portland–Biddeford, Maine	2,648	71.4	1.2	(69.0–73.8)
Portland–Vancouver–Beaverton, Oregon–Washington	3,031	60.7	1.4	(57.9–63.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,216	78.7	0.8	(77.0–80.4)
Provo–Orem, Utah	1,113	51.8	2.2	(47.5–56.1)
Raleigh–Cary, North Carolina	1,003	68.2	2.2	(63.9–72.5)
Rapid City, South Dakota	999	68.2	1.9	(64.4–72.0)
Reno–Sparks, Nevada	1,274	65.2	1.9	(61.4–69.0)
Richmond, Virginia	805	72.9	2.6	(67.8–78.0)
Riverside–San Bernardino–Ontario, California	2,036	65.1	1.5	(62.1–68.1)
Riverton, Wyoming	500	55.0	3.1	(49.0–61.0)
Rochester, New York	566	67.9	2.7	(62.7–73.1)
Rockingham County–Strafford County, New Hampshire*	1,610	73.8	1.7	(70.5–77.1)
Rutland, Vermont	704	64.6	2.3	(60.0–69.2)
Sacramento–Arden–Arcade–Roseville, California	1,271	64.8	2.0	(61.0–68.6)
St. Louis, Missouri–Illinois	1,621	65.5	1.9	(61.7–69.3)
Salt Lake City, Utah	4,252	58.1	1.1	(56.0–60.2)
San Antonio, Texas	814	62.5	2.5	(57.6–67.4)
San Diego–Carlsbad–San Marcos, California	1,703	67.4	1.6	(64.2–70.6)
San Francisco–San Mateo–Redwood City, California*	1,037	67.0	2.1	(63.0–71.0)
San Jose–Sunnyvale–Santa Clara, California	908	66.9	2.2	(62.6–71.2)
Santa Ana–Anaheim–Irvine, California*	1,515	67.7	1.6	(64.5–70.9)
Santa Fe, New Mexico	766	62.0	2.6	(56.9–67.1)
Scottsbluff, Nebraska	764	56.2	2.4	(51.4–61.0)
Scranton–Wilkes-Barre, Pennsylvania	931	73.8	2.5	(68.8–78.8)
Seaford, Delaware	1,457	80.7	1.6	(77.5–83.9)
Seattle–Bellevue–Everett, Washington*	4,792	61.9	1.0	(59.9–63.9)
Shreveport–Bossier City, Louisiana	680	73.2	2.6	(68.0–78.4)
Sioux City, Iowa–Nebraska–South Dakota	1,144	66.3	3.0	(60.3–72.3)
Sioux Falls, South Dakota	846	74.7	2.3	(70.1–79.3)
Spokane, Washington	1,237	57.8	2.1	(53.8–61.8)
Springfield, Massachusetts	2,074	76.0	1.6	(72.8–79.2)
Tacoma, Washington*	1,731	64.5	1.6	(61.3–67.7)
Tallahassee, Florida	574	76.9	4.2	(68.7–85.1)
Tampa–St. Petersburg–Clearwater, Florida	856	73.6	2.6	(68.6–78.6)
Toledo, Ohio	828	68.1	2.8	(62.6–73.6)
Topeka, Kansas	1,919	74.7	1.4	(72.0–77.4)
Trenton–Ewing, New Jersey	507	75.5	2.6	(70.4–80.6)
Tucson, Arizona	683	70.5	2.7	(65.2–75.8)
Tulsa, Oklahoma	2,266	54.2	1.5	(51.3–57.1)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,048	76.6	2.1	(72.5–80.7)
Warren–Troy–Farmington Hills, Michigan*	1,796	68.3	1.5	(65.3–71.3)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	6,066	76.2	1.6	(73.2–79.2)
Wenatchee, Washington	557	61.4	3.0	(55.6–67.2)
Wichita, Kansas	3,834	72.2	1.0	(70.2–74.2)
Wilmington, Delaware–Maryland–New Jersey*	1,873	77.6	1.3	(75.0–80.2)
Wilmington, North Carolina	502	72.3	3.8	(64.8–79.8)
Worcester, Massachusetts	2,044	75.0	1.8	(71.5–78.5)
Yakima, Washington	777	65.3	2.3	(60.8–69.8)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	887	73.6	2.4	(68.9–78.3)
<i>Median</i>		68.2		
<i>Range</i>		51.8–80.7		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 9. Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	600	73.6	2.6	(68.6–78.6)
Mobile County, Alabama	704	71.2	2.8	(65.7–76.7)
Anchorage Municipality, Alaska	367	65.5	3.2	(59.3–71.7)
Maricopa County, Arizona	1,192	64.0	2.0	(60.0–68.0)
Pima County, Arizona	683	70.5	2.7	(65.2–75.8)
Pinal County, Arizona	372	68.6	4.0	(60.7–76.5)
Benton County, Arkansas	328	63.0	4.0	(55.2–70.8)
Pulaski County, Arkansas	548	64.2	3.2	(58.0–70.4)
Washington County, Arkansas	287	49.9	4.6	(41.0–58.8)
Alameda County, California	733	69.4	2.6	(64.4–74.4)
Contra Costa County, California	579	66.7	2.6	(61.6–71.8)
Los Angeles County, California	2,161	69.8	1.4	(67.1–72.5)
Orange County, California	1,515	67.7	1.6	(64.5–70.9)
Riverside County, California	1,091	66.8	2.1	(62.6–71.0)
Sacramento County, California	767	67.4	2.3	(62.8–72.0)
San Bernardino County, California	945	64.0	2.1	(59.8–68.2)
San Diego County, California	1,703	67.4	1.6	(64.2–70.6)
San Francisco County, California	442	65.1	2.9	(59.4–70.8)
San Mateo County, California	390	68.6	3.6	(61.5–75.7)
Santa Clara County, California	885	66.6	2.2	(62.2–71.0)
Adams County, Colorado	856	56.1	2.2	(51.7–60.5)
Arapahoe County, Colorado	887	61.3	2.3	(56.8–65.8)
Denver County, Colorado	895	57.9	2.4	(53.2–62.6)
Douglas County, Colorado	572	65.1	2.6	(60.1–70.1)
El Paso County, Colorado	1,000	62.6	2.0	(58.6–66.6)
Jefferson County, Colorado	1,120	62.0	2.0	(58.0–66.0)
Larimer County, Colorado	576	53.2	3.2	(47.0–59.4)
Weld County, Colorado	496	55.4	3.3	(48.9–61.9)
Fairfield County, Connecticut	1,921	68.2	1.8	(64.7–71.7)
Hartford County, Connecticut	1,486	73.9	1.7	(70.6–77.2)
Middlesex County, Connecticut	266	72.0	3.5	(65.2–78.8)
New Haven County, Connecticut	1,635	71.8	1.9	(68.1–75.5)
Tolland County, Connecticut	296	70.8	3.5	(63.9–77.7)
Kent County, Delaware	1,427	79.9	1.5	(77.0–82.8)
New Castle County, Delaware	1,449	78.7	1.5	(75.7–81.7)
Sussex County, Delaware	1,457	80.7	1.6	(77.5–83.9)
District of Columbia	3,868	76.7	1.0	(74.8–78.6)
Broward County, Florida	269	73.7	4.4	(65.1–82.3)
Duval County, Florida	502	74.9	2.8	(69.4–80.4)
Hillsborough County, Florida	280	75.2	3.5	(68.3–82.1)
Miami–Dade County, Florida	279	82.0	4.4	(73.3–90.7)
Orange County, Florida	298	73.8	3.9	(66.2–81.4)
Osceola County, Florida	285	65.5	4.1	(57.5–73.5)
Palm Beach County, Florida	298	78.8	3.7	(71.6–86.0)
Pinellas County, Florida	272	78.7	3.2	(72.4–85.0)
Clayton County, Georgia	255	66.5	4.7	(57.2–75.8)
Cobb County, Georgia	283	67.7	4.0	(59.8–75.6)
DeKalb County, Georgia	306	74.9	3.7	(67.6–82.2)
Fulton County, Georgia	331	77.4	3.4	(70.8–84.0)
Hawaii County, Hawaii	1,475	59.1	1.6	(55.9–62.3)
Honolulu County, Hawaii	2,972	63.2	1.2	(60.9–65.5)
Kauai County, Hawaii	643	58.1	2.7	(52.7–63.5)
Maui County, Hawaii	1,523	57.9	1.8	(54.3–61.5)
Ada County, Idaho	673	60.5	2.5	(55.7–65.3)
Bonneville County, Idaho	388	54.2	3.4	(47.5–60.9)
Canyon County, Idaho	459	52.1	3.3	(45.7–58.5)
Nez Perce County, Idaho	302	55.1	3.9	(47.4–62.8)
Cook County, Illinois	1,895	63.2	1.6	(60.1–66.3)
DuPage County, Illinois	394	65.3	3.1	(59.2–71.4)
Lake County, Illinois	301	73.9	3.1	(67.9–79.9)
Will County, Illinois	300	59.9	3.8	(52.5–67.3)
Allen County, Indiana	501	57.4	2.9	(51.7–63.1)
Lake County, Indiana	981	66.7	2.8	(61.2–72.2)

See table footnotes on page 40.

**TABLE 9. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,504	64.6	2.1	(60.5–68.7)
Vanderburgh County, Indiana	256	71.4	4.0	(63.5–79.3)
Linn County, Iowa	511	72.8	2.6	(67.7–77.9)
Polk County, Iowa	802	72.0	2.1	(67.9–76.1)
Scott County, Iowa	365	70.3	3.2	(64.0–76.6)
Butler County, Kansas	433	69.3	3.0	(63.5–75.1)
Douglas County, Kansas	593	62.9	3.4	(56.2–69.6)
Johnson County, Kansas	3,201	73.6	1.1	(71.5–75.7)
Leavenworth County, Kansas	458	72.1	3.2	(65.9–78.3)
Riley County, Kansas	281	NA*	NA	NA
Sedgwick County, Kansas	2,971	72.6	1.1	(70.4–74.8)
Shawnee County, Kansas	1,389	73.7	1.7	(70.4–77.0)
Wyandotte County, Kansas	1,062	72.8	2.0	(68.9–76.7)
Jefferson County, Kentucky	1,792	66.8	3.3	(60.4–73.2)
Caddo Parish, Louisiana	435	70.3	3.3	(63.8–76.8)
Calcasieu Parish, Louisiana	601	74.5	2.6	(69.4–79.6)
East Baton Rouge Parish, Louisiana	715	78.1	2.2	(73.9–82.3)
Jefferson Parish, Louisiana	554	76.9	2.7	(71.7–82.1)
Orleans Parish, Louisiana	380	77.6	3.7	(70.3–84.9)
Rapides Parish, Louisiana	455	76.9	2.8	(71.4–82.4)
St. Tammany Parish, Louisiana	422	73.2	3.1	(67.2–79.2)
Terrebonne Parish, Louisiana	295	76.3	3.8	(68.8–83.8)
Cumberland County, Maine	1,344	72.0	1.7	(68.6–75.4)
Kennebec County, Maine	653	70.0	2.7	(64.7–75.3)
Penobscot County, Maine	732	69.9	2.5	(64.9–74.9)
Sagadahoc County, Maine	343	68.0	3.3	(61.4–74.6)
York County, Maine	961	71.2	2.0	(67.2–75.2)
Anne Arundel County, Maryland	557	72.9	2.5	(68.1–77.7)
Baltimore County, Maryland	981	76.9	1.9	(73.2–80.6)
Cecil County, Maryland	246	64.1	3.8	(56.6–71.6)
Charles County, Maryland	309	69.9	3.3	(63.4–76.4)
Frederick County, Maryland	543	68.5	2.8	(63.1–73.9)
Harford County, Maryland	259	69.5	3.8	(62.0–77.0)
Howard County, Maryland	338	71.6	2.9	(66.0–77.2)
Montgomery County, Maryland	1,068	73.3	1.7	(69.9–76.7)
Prince George's County, Maryland	634	80.3	2.1	(76.3–84.3)
Queen Anne's County, Maryland	259	67.1	3.8	(59.6–74.6)
Washington County, Maryland	359	70.1	3.5	(63.2–77.0)
Baltimore City, Maryland	511	75.9	2.7	(70.6–81.2)
Bristol County, Massachusetts	2,949	80.4	1.8	(76.9–83.9)
Essex County, Massachusetts	2,298	77.8	1.8	(74.4–81.2)
Hampden County, Massachusetts	1,598	78.5	1.8	(74.9–82.1)
Hampshire County, Massachusetts	293	69.8	3.5	(62.8–76.8)
Middlesex County, Massachusetts	3,062	73.6	1.4	(70.8–76.4)
Norfolk County, Massachusetts	935	78.3	2.1	(74.2–82.4)
Plymouth County, Massachusetts	661	75.6	2.3	(71.1–80.1)
Suffolk County, Massachusetts	1,788	77.9	2.0	(74.0–81.8)
Worcester County, Massachusetts	2,044	75.0	1.8	(71.5–78.5)
Kent County, Michigan	461	70.0	3.1	(63.8–76.2)
Macomb County, Michigan	525	67.1	2.8	(61.6–72.6)
Oakland County, Michigan	938	71.7	2.1	(67.7–75.7)
Wayne County, Michigan	2,053	70.5	1.7	(67.1–73.9)
Anoka County, Minnesota	292	75.0	3.4	(68.4–81.6)
Dakota County, Minnesota	379	68.9	3.3	(62.5–75.3)
Hennepin County, Minnesota	1,133	72.8	1.9	(69.0–76.6)
Ramsey County, Minnesota	531	74.3	2.7	(69.1–79.5)
DeSoto County, Mississippi	626	62.6	3.1	(56.6–68.6)
George County, Mississippi	373	62.9	3.5	(56.1–69.7)
Hancock County, Mississippi	337	61.4	3.8	(53.9–68.9)
Harrison County, Mississippi	289	68.5	4.1	(60.4–76.6)
Hinds County, Mississippi	502	67.7	3.0	(61.8–73.6)
Jackson County, Mississippi	327	63.0	3.7	(55.8–70.2)
Rankin County, Mississippi	328	74.5	3.2	(68.3–80.7)

See table footnotes on page 40.

**TABLE 9. (Continued) Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	327	60.7	3.7	(53.4–68.0)
Jackson County, Missouri	490	71.3	2.6	(66.3–76.3)
St. Louis County, Missouri	479	64.9	3.4	(58.3–71.5)
St. Louis City, Missouri	489	70.1	4.1	(62.2–78.0)
Flathead County, Montana	547	54.5	2.9	(48.8–60.2)
Gallatin County, Montana	586	56.7	3.2	(50.5–62.9)
Silver Bow County, Montana	571	61.4	3.0	(55.4–67.4)
Yellowstone County, Montana	573	55.9	2.8	(50.4–61.4)
Adams County, Nebraska	438	57.6	3.2	(51.3–63.9)
Dakota County, Nebraska	701	57.5	2.5	(52.6–62.4)
Douglas County, Nebraska	927	60.7	2.2	(56.3–65.1)
Hall County, Nebraska	586	58.2	2.8	(52.8–63.6)
Lancaster County, Nebraska	773	55.6	2.8	(50.0–61.2)
Lincoln County, Nebraska	487	61.7	3.3	(55.2–68.2)
Madison County, Nebraska	414	49.2	3.2	(43.0–55.4)
Sarpy County, Nebraska	577	67.4	3.1	(61.3–73.5)
Scotts Bluff County, Nebraska	748	55.4	2.5	(50.5–60.3)
Seward County, Nebraska	272	58.7	3.7	(51.4–66.0)
Clark County, Nevada	1,214	64.4	2.0	(60.5–68.3)
Washoe County, Nevada	1,245	65.5	1.9	(61.7–69.3)
Grafton County, New Hampshire	510	70.3	2.9	(64.6–76.0)
Hillsborough County, New Hampshire	1,427	72.0	2.1	(67.9–76.1)
Merrimack County, New Hampshire	626	69.6	2.6	(64.5–74.7)
Rockingham County, New Hampshire	991	74.1	2.0	(70.2–78.0)
Strafford County, New Hampshire	619	71.2	2.8	(65.8–76.6)
Atlantic County, New Jersey	920	78.1	2.1	(73.9–82.3)
Bergen County, New Jersey	628	76.8	2.6	(71.7–81.9)
Burlington County, New Jersey	546	81.0	2.2	(76.7–85.3)
Camden County, New Jersey	614	78.7	2.5	(73.7–83.7)
Cape May County, New Jersey	510	75.4	2.9	(69.7–81.1)
Essex County, New Jersey	1,051	77.7	2.0	(73.7–81.7)
Gloucester County, New Jersey	505	72.1	2.7	(66.8–77.4)
Hudson County, New Jersey	1,002	76.7	1.8	(73.1–80.3)
Hunterdon County, New Jersey	532	77.8	2.2	(73.4–82.2)
Mercer County, New Jersey	507	75.5	2.6	(70.4–80.6)
Middlesex County, New Jersey	615	76.3	2.3	(71.8–80.8)
Monmouth County, New Jersey	551	79.7	2.1	(75.6–83.8)
Morris County, New Jersey	708	69.6	2.6	(64.4–74.8)
Ocean County, New Jersey	518	76.6	2.6	(71.5–81.7)
Passaic County, New Jersey	500	73.6	2.9	(68.0–79.2)
Somerset County, New Jersey	553	74.1	2.4	(69.3–78.9)
Sussex County, New Jersey	483	75.5	2.9	(69.7–81.3)
Union County, New Jersey	519	83.5	2.0	(79.6–87.4)
Warren County, New Jersey	475	72.3	2.7	(66.9–77.7)
Bernalillo County, New Mexico	1,464	61.5	1.9	(57.7–65.3)
Dona Ana County, New Mexico	722	59.7	2.8	(54.2–65.2)
McKinley County, New Mexico	556	60.8	2.6	(55.6–66.0)
Sandoval County, New Mexico	643	66.2	2.8	(60.7–71.7)
San Juan County, New Mexico	885	58.3	2.4	(53.5–63.1)
Santa Fe County, New Mexico	766	62.0	2.6	(56.9–67.1)
Valencia County, New Mexico	384	57.1	3.4	(50.4–63.8)
Erie County, New York	452	76.4	2.9	(70.8–82.0)
Kings County, New York	448	78.3	2.5	(73.4–83.2)
Monroe County, New York	381	65.9	3.2	(59.7–72.1)
Nassau County, New York	441	72.9	2.8	(67.5–78.3)
New York County, New York	520	78.8	2.4	(74.2–83.4)
Queens County, New York	482	71.2	2.9	(65.5–76.9)
Suffolk County, New York	506	71.6	2.6	(66.6–76.6)
Westchester County, New York	341	75.0	3.4	(68.4–81.6)
Buncombe County, North Carolina	395	73.6	2.8	(68.1–79.1)
Cabarrus County, North Carolina	343	70.8	3.2	(64.6–77.0)
Catawba County, North Carolina	359	67.6	3.8	(60.2–75.0)
Cumberland County, North Carolina	378	79.5	2.7	(74.3–84.7)

See table footnotes on page 40.

**TABLE 9. (Continued) Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	411	73.0	3.3	(66.6–79.4)
Gaston County, North Carolina	339	69.8	3.3	(63.2–76.4)
Guilford County, North Carolina	421	71.2	3.6	(64.2–78.2)
Henderson County, North Carolina	257	64.0	4.0	(56.1–71.9)
Johnston County, North Carolina	366	64.6	3.8	(57.1–72.1)
Mecklenburg County, North Carolina	609	66.8	2.6	(61.8–71.8)
New Hanover County, North Carolina	410	73.8	3.4	(67.1–80.5)
Orange County, North Carolina	364	69.9	3.4	(63.2–76.6)
Randolph County, North Carolina	350	72.9	3.0	(67.0–78.8)
Union County, North Carolina	364	71.4	3.3	(64.9–77.9)
Wake County, North Carolina	597	69.3	2.6	(64.2–74.4)
Burleigh County, North Dakota	556	66.8	2.8	(61.3–72.3)
Cass County, North Dakota	746	66.0	2.5	(61.0–71.0)
Ward County, North Dakota	461	69.3	2.8	(63.8–74.8)
Cuyahoga County, Ohio	690	70.8	2.4	(66.1–75.5)
Franklin County, Ohio	658	65.1	2.5	(60.1–70.1)
Hamilton County, Ohio	692	67.6	2.4	(63.0–72.2)
Lucas County, Ohio	674	71.2	2.7	(65.9–76.5)
Mahoning County, Ohio	682	72.3	2.3	(67.8–76.8)
Montgomery County, Ohio	671	69.9	2.3	(65.3–74.5)
Stark County, Ohio	678	70.5	2.4	(65.7–75.3)
Summit County, Ohio	673	70.8	2.5	(65.9–75.7)
Canadian County, Oklahoma	263	58.5	3.7	(51.2–65.8)
Cleveland County, Oklahoma	416	52.6	3.3	(46.2–59.0)
Oklahoma County, Oklahoma	1,194	54.5	1.9	(50.8–58.2)
Tulsa County, Oklahoma	1,560	54.8	1.6	(51.6–58.0)
Clackamas County, Oregon	424	63.6	3.1	(57.6–69.6)
Multnomah County, Oregon	639	59.6	2.7	(54.3–64.9)
Washington County, Oregon	436	60.0	3.4	(53.3–66.7)
Allegheny County, Pennsylvania	709	71.4	2.3	(66.9–75.9)
Bucks County, Pennsylvania	303	68.2	3.4	(61.6–74.8)
Delaware County, Pennsylvania	258	67.5	3.9	(59.8–75.2)
Fayette County, Pennsylvania	811	78.1	2.3	(73.7–82.5)
Luzerne County, Pennsylvania	774	71.9	2.3	(67.5–76.3)
Montgomery County, Pennsylvania	390	69.9	2.9	(64.3–75.5)
Philadelphia County, Pennsylvania	491	73.6	2.8	(68.1–79.1)
Westmoreland County, Pennsylvania	252	73.0	3.3	(66.5–79.5)
Kent County, Rhode Island	854	80.8	1.7	(77.4–84.2)
Newport County, Rhode Island	473	76.3	2.8	(70.7–81.9)
Providence County, Rhode Island	3,998	77.3	1.1	(75.1–79.5)
Washington County, Rhode Island	695	76.5	2.5	(71.5–81.5)
Aiken County, South Carolina	451	70.7	2.9	(65.0–76.4)
Beaufort County, South Carolina	682	71.3	3.0	(65.4–77.2)
Berkeley County, South Carolina	354	73.6	4.0	(65.7–81.5)
Charleston County, South Carolina	680	69.2	3.9	(61.6–76.8)
Greenville County, South Carolina	534	63.8	3.4	(57.0–70.6)
Horry County, South Carolina	670	58.6	2.9	(52.9–64.3)
Richland County, South Carolina	730	68.6	3.4	(62.0–75.2)
Minnehaha County, South Dakota	601	76.0	2.6	(70.8–81.2)
Pennington County, South Dakota	789	68.9	2.2	(64.7–73.1)
Davidson County, Tennessee	436	77.5	3.4	(70.8–84.2)
Hamilton County, Tennessee	434	81.1	2.7	(75.8–86.4)
Shelby County, Tennessee	375	80.5	3.0	(74.6–86.4)
Sullivan County, Tennessee	359	77.4	3.8	(69.9–84.9)
Bexar County, Texas	674	57.9	2.7	(52.5–63.3)
Dallas County, Texas	310	62.1	4.2	(53.9–70.3)
El Paso County, Texas	909	54.7	2.2	(50.3–59.1)
Fort Bend County, Texas	693	59.1	3.0	(53.2–65.0)
Harris County, Texas	1,143	58.1	2.1	(54.0–62.2)
Hidalgo County, Texas	536	53.0	3.1	(47.0–59.0)
Lubbock County, Texas	505	67.0	3.2	(60.7–73.3)
Tarrant County, Texas	485	62.1	3.0	(56.2–68.0)
Travis County, Texas	923	63.1	3.1	(57.0–69.2)

See table footnotes on page 40.



**TABLE 9. (Continued) Estimated proportion of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	597	63.2	3.6	(56.1–70.3)
Davis County, Utah	782	61.1	2.2	(56.8–65.4)
Salt Lake County, Utah	3,268	58.0	1.2	(55.7–60.3)
Summit County, Utah	493	60.9	2.9	(55.2–66.6)
Tooele County, Utah	491	58.1	3.1	(52.1–64.1)
Utah County, Utah	1,058	51.5	2.2	(47.1–55.9)
Wasatch County, Utah	521	56.6	3.4	(50.0–63.2)
Weber County, Utah	752	61.8	2.3	(57.3–66.3)
Chittenden County, Vermont	1,399	58.6	1.9	(54.8–62.4)
Franklin County, Vermont	442	65.8	2.8	(60.3–71.3)
Orange County, Vermont	356	67.4	3.1	(61.3–73.5)
Rutland County, Vermont	704	64.6	2.3	(60.0–69.2)
Washington County, Vermont	686	65.7	2.5	(60.8–70.6)
Windsor County, Vermont	648	68.3	2.2	(63.9–72.7)
Benton County, Washington	415	65.5	3.1	(59.3–71.7)
Chelan County, Washington	295	60.2	3.7	(53.0–67.4)
Clark County, Washington	1,114	58.2	2.2	(53.9–62.5)
Douglas County, Washington	262	65.1	4.5	(56.2–74.0)
King County, Washington	3,152	61.4	1.2	(59.1–63.7)
Kitsap County, Washington	926	64.8	2.1	(60.6–69.0)
Pierce County, Washington	1,731	63.5	1.7	(60.1–66.9)
Skamania County, Washington	248	57.5	3.9	(49.8–65.2)
Snohomish County, Washington	1,640	62.3	1.7	(59.0–65.6)
Spokane County, Washington	1,237	57.8	2.1	(53.8–61.8)
Thurston County, Washington	803	61.0	2.2	(56.6–65.4)
Yakima County, Washington	777	65.3	2.3	(60.8–69.8)
Kanawha County, West Virginia	552	78.0	2.5	(73.1–82.9)
Milwaukee County, Wisconsin	625	67.4	3.3	(60.9–73.9)
Fremont County, Wyoming	500	55.0	3.1	(49.0–61.0)
Laramie County, Wyoming	937	59.6	2.3	(55.1–64.1)
Natrona County, Wyoming	772	56.9	2.4	(52.2–61.6)
<i>Median</i>		69.1		
<i>Range</i>		49.2–83.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 10. Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,176	68.1	1.5	(65.2–71.0)
Alaska	380	62.1	3.5	(55.2–69.0)
Arizona	2,057	71.6	1.6	(68.6–74.6)
Arkansas	1,431	70.7	1.4	(67.9–73.5)
California	4,782	65.1	0.9	(63.2–67.0)
Colorado	3,092	75.2	0.9	(73.4–77.0)
Connecticut	2,109	73.7	1.2	(71.4–76.0)
Delaware	1,418	71.6	1.5	(68.7–74.5)
District of Columbia	1,051	67.1	1.7	(63.8–70.4)
Florida	4,534	64.8	1.1	(62.6–67.0)
Georgia	1,683	66.6	1.4	(63.8–69.4)
Hawaii	1,910	72.7	1.3	(70.2–75.2)
Idaho	1,668	64.1	1.4	(61.4–66.8)
Illinois	1,744	64.7	1.3	(62.1–67.3)
Indiana	2,754	67.7	1.1	(65.6–69.8)
Iowa	1,950	74.0	1.1	(71.9–76.1)
Kansas	6,057	69.4	0.6	(68.1–70.7)
Kentucky	2,934	70.5	1.3	(68.0–73.0)
Louisiana	2,747	68.1	1.1	(66.0–70.2)
Maine	2,430	72.9	1.0	(70.9–74.9)
Maryland	2,341	71.5	1.3	(69.0–74.0)
Massachusetts	4,483	73.0	0.9	(71.2–74.8)
Michigan	2,973	68.9	1.0	(67.0–70.8)
Minnesota	1,809	76.8	1.1	(74.7–78.9)
Mississippi	3,873	67.4	0.9	(65.6–69.2)
Missouri	1,632	72.5	1.4	(69.7–75.3)
Montana	2,439	68.7	1.1	(66.5–70.9)
Nebraska	5,826	73.9	0.9	(72.2–75.6)
Nevada	1,196	63.5	2.0	(59.5–67.5)
New Hampshire	1,846	71.9	1.3	(69.4–74.4)
New Jersey	3,235	67.2	1.1	(65.0–69.4)
New Mexico	2,637	68.3	1.1	(66.2–70.4)
New York	2,085	68.6	1.4	(65.9–71.3)
North Carolina	4,110	71.6	1.0	(69.6–73.6)
North Dakota	1,435	69.7	1.3	(67.1–72.3)
Ohio	3,005	67.5	1.1	(65.4–69.6)
Oklahoma	2,593	72.3	1.0	(70.4–74.2)
Oregon	1,482	64.6	1.3	(62.0–67.2)
Pennsylvania	2,990	72.8	1.0	(70.8–74.8)
Rhode Island	1,852	75.7	1.1	(73.5–77.9)
South Carolina	3,341	69.7	1.2	(67.3–72.1)
South Dakota	2,301	75.0	1.1	(72.9–77.1)
Tennessee	1,875	70.1	1.3	(67.5–72.7)
Texas	3,374	67.3	1.4	(64.7–69.9)
Utah	2,490	68.8	1.1	(66.6–71.0)
Vermont	1,930	72.0	1.1	(69.8–74.2)
Virginia	1,416	69.9	1.6	(66.8–73.0)
Washington	6,351	70.1	0.7	(68.7–71.5)
West Virginia	1,502	70.4	1.3	(67.9–72.9)
Wisconsin	1,287	72.0	1.8	(68.5–75.5)
Wyoming	1,842	70.7	1.2	(68.4–73.0)
Guam	161	50.4	4.7	(41.3–59.5)
Puerto Rico	1,458	26.8	1.3	(24.3–29.3)
Virgin Islands	500	38.8	2.5	(33.9–43.7)
<i>Median</i>		69.8		
<i>Range</i>		26.8–76.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 11. Estimated proportion of adults aged ≥65 years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	264	66.8	3.4	(60.1–73.5)
Albuquerque, New Mexico	768	70.8	1.9	(67.1–74.5)
Alexandria, Louisiana	158	69.2	4.3	(60.8–77.6)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	268	69.5	4.1	(61.4–77.6)
Anchorage, Alaska	83	NA*	NA	NA
Asheville, North Carolina	310	74.1	2.7	(68.9–79.3)
Atlanta–Sandy Springs–Marietta, Georgia	580	66.4	2.4	(61.6–71.2)
Atlantic City–Hammonton, New Jersey	253	58.8	4.4	(50.1–67.5)
Augusta–Richmond County, Georgia–South Carolina	296	73.2	3.2	(66.8–79.6)
Augusta–Waterville, Maine	197	74.8	3.5	(67.9–81.7)
Austin–Round Rock, Texas	400	74.5	3.2	(68.1–80.9)
Baltimore–Towson, Maryland	818	71.5	1.9	(67.7–75.3)
Bangor, Maine	218	69.7	3.5	(62.8–76.6)
Barre, Vermont	202	73.2	3.4	(66.6–79.8)
Baton Rouge, Louisiana	341	71.6	2.7	(66.2–77.0)
Bethesda–Frederick–Gaithersburg, Maryland†	414	76.3	3.1	(70.1–82.5)
Billings, Montana	202	73.6	3.3	(67.2–80.0)
Birmingham–Hoover, Alabama	344	65.9	3.1	(59.9–71.9)
Bismarck, North Dakota	231	63.6	3.4	(56.9–70.3)
Boise City–Nampa, Idaho	396	69.4	2.6	(64.3–74.5)
Boston–Quincy, Massachusetts†	887	74.3	1.9	(70.6–78.0)
Bozeman, Montana	147	66.4	4.2	(58.1–74.7)
Bremerton–Silverdale, Washington	297	74.3	2.7	(69.0–79.6)
Bridgeport–Stamford–Norwalk, Connecticut	636	73.9	2.4	(69.3–78.5)
Buffalo–Niagara Falls, New York	206	72.7	3.5	(65.9–79.5)
Burlington–South Burlington, Vermont	533	69.5	2.2	(65.2–73.8)
Butte–Silver Bow, Montana	218	72.5	3.3	(66.0–79.0)
Cambridge–Newton–Framingham, Massachusetts†	789	76.3	2.1	(72.2–80.4)
Camden, New Jersey†	430	72.8	2.5	(67.9–77.7)
Canton–Massillon, Ohio	236	70.6	3.2	(64.3–76.9)
Casper, Wyoming	252	76.9	2.9	(71.2–82.6)
Cedar Rapids, Iowa	173	80.3	3.2	(74.0–86.6)
Charleston, West Virginia	273	69.2	3.2	(62.8–75.6)
Charleston–North Charleston–Summerville, South Carolina	372	67.7	3.9	(60.1–75.3)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	510	67.0	2.6	(61.9–72.1)
Chattanooga, Tennessee–Georgia	204	64.8	4.5	(56.0–73.6)
Cheyenne, Wyoming	303	75.9	2.7	(70.5–81.3)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	1,219	62.1	1.8	(58.5–65.7)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	485	70.7	2.8	(65.3–76.1)
Cleveland–Elyria–Mentor, Ohio	343	70.7	2.9	(65.1–76.3)
Colorado Springs, Colorado	271	73.0	3.1	(66.9–79.1)
Columbia, South Carolina	375	71.4	3.6	(64.3–78.5)
Columbus, Ohio	358	70.0	2.7	(64.6–75.4)
Concord, New Hampshire	197	73.1	3.5	(66.1–80.1)
Dallas–Plano–Irving, Texas†	153	76.4	4.2	(68.2–84.6)
Davenport–Moline–Rock Island, Iowa–Illinois	180	69.9	4.7	(60.6–79.2)
Dayton, Ohio	268	68.6	3.7	(61.4–75.8)
Denver–Aurora, Colorado	1,160	78.2	1.3	(75.6–80.8)
Des Moines–West Des Moines, Iowa	280	77.1	2.7	(71.8–82.4)
Detroit–Livonia–Dearborn, Michigan†	660	66.3	2.3	(61.8–70.8)
Dover, Delaware	401	69.6	2.5	(64.6–74.6)
Durham, North Carolina	253	81.4	3.1	(75.3–87.5)
Edison–New Brunswick, New Jersey†	606	65.8	2.4	(61.1–70.5)
El Paso, Texas	206	61.4	3.7	(54.1–68.7)
Evansville, Indiana–Kentucky	187	67.8	4.0	(59.9–75.7)
Fargo, North Dakota–Minnesota	212	76.3	4.1	(68.2–84.4)
Farmington, New Mexico	240	61.4	3.9	(53.8–69.0)
Fayetteville, North Carolina	135	69.9	4.5	(61.0–78.8)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	238	67.8	4.0	(60.0–75.6)
Fort Collins–Loveland, Colorado	147	70.2	3.9	(62.5–77.9)
Fort Wayne, Indiana	166	56.6	4.2	(48.3–64.9)
Fort Worth–Arlington, Texas†	162	71.2	3.9	(63.5–78.9)
Gallup, New Mexico	110	67.4	5.0	(57.6–77.2)

See table footnotes on page 44.

**TABLE 11. (Continued) Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	305	75.0	2.8	(69.5–80.5)
Grand Rapids–Wyoming, Michigan	193	68.1	3.9	(60.5–75.7)
Greeley, Colorado	124	71.8	4.4	(63.1–80.5)
Greensboro–High Point, North Carolina	245	75.3	3.3	(68.7–81.9)
Greenville–Mauldin–Easley, South Carolina	286	76.2	3.5	(69.4–83.0)
Gulfport–Biloxi, Mississippi	342	73.5	3.6	(66.4–80.6)
Hagerstown–Martinsburg, Maryland–West Virginia	192	72.9	3.9	(65.3–80.5)
Hartford–West Hartford–East Hartford, Connecticut	675	76.3	1.9	(72.7–79.9)
Hastings, Nebraska	226	72.7	3.2	(66.4–79.0)
Heber, Utah	119	72.0	5.0	(62.2–81.8)
Hickory–Lenoir–Morganton, North Carolina	275	69.7	3.5	(62.8–76.6)
Hilo, Hawaii	392	69.5	2.6	(64.5–74.5)
Hilton Head Island–Beaufort, South Carolina	367	73.3	2.5	(68.3–78.3)
Honolulu, Hawaii	950	73.1	1.7	(69.8–76.4)
Houma–Bayou Cane–Thibodaux, Louisiana	155	61.3	4.4	(52.6–70.0)
Houston–Sugar Land–Baytown, Texas	484	65.0	2.6	(59.8–70.2)
Huntington–Ashland, West Virginia–Kentucky–Ohio	220	77.1	3.2	(70.8–83.4)
Idaho Falls, Idaho	143	55.4	4.5	(46.5–64.3)
Indianapolis–Carmel, Indiana	638	69.9	2.4	(65.1–74.7)
Jackson, Mississippi	381	64.5	2.8	(59.0–70.0)
Jacksonville, Florida	326	68.1	3.2	(61.8–74.4)
Kahului–Wailuku, Hawaii	380	68.7	2.9	(63.0–74.4)
Kalispell, Montana	185	62.3	4.3	(53.9–70.7)
Kansas City, Missouri–Kansas	1,784	70.3	1.8	(66.7–73.9)
Kapaa, Hawaii	188	71.8	3.8	(64.4–79.2)
Kennewick–Pasco–Richland, Washington	191	69.0	3.9	(61.4–76.6)
Kingsport–Bristol–Bristol, Tennessee–Virginia	187	80.4	3.5	(73.6–87.2)
Lake Charles, Louisiana	208	69.9	3.6	(62.8–77.0)
Las Cruces, New Mexico	254	64.8	3.3	(58.3–71.3)
Las Vegas–Paradise, Nevada	367	61.6	2.9	(55.9–67.3)
Lawrence, Kansas	170	77.3	3.5	(70.4–84.2)
Lebanon, New Hampshire–Vermont	426	72.0	2.4	(67.3–76.7)
Lewiston, Idaho–Washington	200	67.6	3.5	(60.8–74.4)
Lincoln, Nebraska	356	75.9	2.7	(70.6–81.2)
Little Rock–North Little Rock–Conway, Arkansas	265	72.7	3.3	(66.3–79.1)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	511	63.3	2.5	(58.3–68.3)
Louisville/Jefferson County, Kentucky–Indiana	769	69.6	3.0	(63.7–75.5)
Lubbock, Texas	196	67.9	3.7	(60.6–75.2)
Manchester–Nashua, New Hampshire	425	71.8	2.9	(66.1–77.5)
Manhattan, Kansas	174	63.9	4.1	(55.9–71.9)
McAllen–Edinburg–Mission, Texas	178	61.9	4.1	(53.9–69.9)
Memphis, Tennessee–Mississippi–Arkansas	481	65.5	3.3	(59.0–72.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	348	59.8	3.6	(52.7–66.9)
Milwaukee–Waukesha–West Allis, Wisconsin	201	77.6	4.0	(69.8–85.4)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	859	76.9	1.8	(73.5–80.3)
Minot, North Dakota	162	67.0	4.1	(59.0–75.0)
Mobile, Alabama	244	65.5	3.4	(58.8–72.2)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	261	68.3	3.2	(62.0–74.6)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	271	72.2	3.0	(66.3–78.1)
Nassau–Suffolk, New York*	282	69.1	3.1	(63.1–75.1)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	828	67.0	2.1	(62.8–71.2)
New Haven–Milford, Connecticut	525	73.7	2.4	(68.9–78.5)
New Orleans–Metairie–Kenner, Louisiana	468	70.6	2.4	(65.8–75.4)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	1,127	61.5	2.1	(57.4–65.6)
Norfolk, Nebraska	206	71.3	3.4	(64.7–77.9)
North Platte, Nebraska	195	69.0	3.8	(61.5–76.5)
Oakland–Fremont–Hayward, California <sup>†</sup>	364	67.0	3.6	(59.9–74.1)
Ocean City, New Jersey	190	72.0	3.6	(65.0–79.0)
Ogden–Clearfield, Utah	386	70.3	2.6	(65.2–75.4)
Oklahoma City, Oklahoma	646	72.8	1.9	(69.0–76.6)
Olympia, Washington	237	70.7	3.3	(64.2–77.2)
Omaha–Council Bluffs, Nebraska–Iowa	684	76.9	2.1	(72.9–80.9)
Orlando–Kissimmee, Florida	298	65.2	3.5	(58.2–72.2)

See table footnotes on page 44.

**TABLE 11. (Continued) Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	241	70.6	3.9	(62.9–78.3)
Peabody, Massachusetts†	593	72.1	2.9	(66.4–77.8)
Philadelphia, Pennsylvania†	510	74.5	2.2	(70.1–78.9)
Phoenix–Mesa–Scottsdale, Arizona	517	72.1	2.5	(67.3–76.9)
Pittsburgh, Pennsylvania	765	73.6	2.1	(69.5–77.7)
Portland–South Portland–Biddeford, Maine	814	76.5	1.6	(73.3–79.7)
Portland–Vancouver–Beaverton, Oregon–Washington	923	65.9	1.9	(62.1–69.7)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	2,678	73.2	1.2	(70.9–75.5)
Provo–Orem, Utah	250	67.2	3.3	(60.7–73.7)
Raleigh–Cary, North Carolina	229	75.3	3.4	(68.6–82.0)
Rapid City, South Dakota	314	75.6	2.6	(70.5–80.7)
Reno–Sparks, Nevada	357	67.4	2.7	(62.1–72.7)
Richmond, Virginia	227	70.2	3.5	(63.3–77.1)
Riverside–San Bernardino–Ontario, California	529	59.7	2.6	(54.7–64.7)
Riverton, Wyoming	155	67.3	4.2	(59.1–75.5)
Rochester, New York	176	80.3	3.2	(74.1–86.5)
Rockingham County–Strafford County, New Hampshire†	453	71.0	2.3	(66.4–75.6)
Rutland, Vermont	208	69.9	3.5	(63.0–76.8)
Sacramento–Arden–Arcade–Roseville, California	382	69.0	2.9	(63.4–74.6)
St. Louis, Missouri–Illinois	498	72.9	2.7	(67.7–78.1)
Salt Lake City, Utah	993	70.0	1.7	(66.6–73.4)
San Antonio, Texas	250	69.0	3.5	(62.0–76.0)
San Diego–Carlsbad–San Marcos, California	495	67.5	2.6	(62.4–72.6)
San Francisco–San Mateo–Redwood City, California†	289	69.1	3.6	(62.0–76.2)
San Jose–Sunnyvale–Santa Clara, California	246	73.6	3.6	(66.5–80.7)
Santa Ana–Anaheim–Irvine, California†	434	69.3	2.8	(63.8–74.8)
Santa Fe, New Mexico	226	65.6	3.6	(58.5–72.7)
Scottsbluff, Nebraska	296	67.0	3.1	(60.8–73.2)
Scranton–Wilkes-Barre, Pennsylvania	312	63.4	3.7	(56.1–70.7)
Seaford, Delaware	614	71.3	2.0	(67.4–75.2)
Seattle–Bellevue–Everett, Washington*	1,327	69.4	1.7	(66.0–72.8)
Shreveport–Bossier City, Louisiana	231	64.1	3.5	(57.2–71.0)
Sioux City, Iowa–Nebraska–South Dakota	362	73.4	4.4	(64.8–82.0)
Sioux Falls, South Dakota	267	76.8	2.8	(71.3–82.3)
Spokane, Washington	376	66.7	2.7	(61.4–72.0)
Springfield, Massachusetts	576	71.0	2.7	(65.7–76.3)
Tacoma, Washington†	494	71.3	2.4	(66.6–76.0)
Tallahassee, Florida	146	NA	NA	NA
Tampa–St. Petersburg–Clearwater, Florida	372	61.3	2.9	(55.5–67.1)
Toledo, Ohio	265	67.0	3.5	(60.2–73.8)
Topeka, Kansas	621	70.1	2.0	(66.1–74.1)
Trenton–Ewing, New Jersey	153	76.3	3.8	(68.8–83.8)
Tucson, Arizona	280	77.3	2.8	(71.8–82.8)
Tulsa, Oklahoma	746	72.7	1.8	(69.1–76.3)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	285	72.8	3.3	(66.3–79.3)
Warren–Troy–Farmington Hills, Michigan†	570	64.3	2.3	(59.8–68.8)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	1,483	68.5	2.7	(63.3–73.7)
Wenatchee, Washington	206	74.7	3.7	(67.5–81.9)
Wichita, Kansas	1,198	69.4	1.5	(66.5–72.3)
Wilmington, Delaware–Maryland–New Jersey†	528	71.4	2.3	(66.9–75.9)
Wilmington, North Carolina	190	76.7	4.8	(67.3–86.1)
Worcester, Massachusetts	534	71.8	2.6	(66.8–76.8)
Yakima, Washington	261	64.3	3.2	(58.0–70.6)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	297	63.0	4.3	(54.7–71.3)
Median		70.3		
Range		55.4–81.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

† Metropolitan division.



**TABLE 12. Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	176	66.1	4.0	(58.2–74.0)
Mobile County, Alabama	244	65.5	3.4	(58.8–72.2)
Anchorage Municipality, Alaska	62	NA*	NA	NA
Maricopa County, Arizona	380	72.8	2.7	(67.6–78.0)
Pima County, Arizona	280	77.3	2.8	(71.8–82.8)
Pinal County, Arizona	137	64.3	5.1	(54.2–74.4)
Benton County, Arkansas	127	74.9	4.4	(66.4–83.4)
Pulaski County, Arkansas	176	76.4	3.8	(68.9–83.9)
Washington County, Arkansas	99	NA	NA	NA
Alameda County, California	195	NA	NA	NA
Contra Costa County, California	169	70.6	4.0	(62.7–78.5)
Los Angeles County, California	511	63.3	2.5	(58.3–68.3)
Orange County, California	434	69.3	2.8	(63.8–74.8)
Riverside County, California	303	57.3	3.2	(50.9–63.7)
Sacramento County, California	223	67.1	3.8	(59.6–74.6)
San Bernardino County, California	226	64.4	4.0	(56.6–72.2)
San Diego County, California	495	67.5	2.6	(62.4–72.6)
San Francisco County, California	110	NA	NA	NA
San Mateo County, California	110	67.7	4.9	(58.0–77.4)
Santa Clara County, California	237	73.7	3.8	(66.3–81.1)
Adams County, Colorado	206	76.5	3.3	(69.9–83.1)
Arapahoe County, Colorado	213	80.8	2.9	(75.2–86.4)
Denver County, Colorado	279	79.5	2.6	(74.4–84.6)
Douglas County, Colorado	101	80.7	3.9	(73.1–88.3)
El Paso County, Colorado	238	73.7	3.2	(67.4–80.0)
Jefferson County, Colorado	274	75.6	2.8	(70.0–81.2)
Larimer County, Colorado	147	70.2	3.9	(62.5–77.9)
Weld County, Colorado	124	71.8	4.4	(63.1–80.5)
Fairfield County, Connecticut	636	73.9	2.4	(69.3–78.5)
Hartford County, Connecticut	489	77.8	2.1	(73.6–82.0)
Middlesex County, Connecticut	91	73.2	5.1	(63.1–83.3)
New Haven County, Connecticut	525	73.7	2.4	(68.9–78.5)
Tolland County, Connecticut	95	NA	NA	NA
Kent County, Delaware	401	69.6	2.5	(64.6–74.6)
New Castle County, Delaware	403	71.3	2.5	(66.3–76.3)
Sussex County, Delaware	614	71.3	2.0	(67.4–75.2)
District of Columbia	1,051	64.6	1.8	(61.0–68.2)
Broward County, Florida	122	58.8	5.1	(48.7–68.9)
Duval County, Florida	156	74.1	3.8	(66.6–81.6)
Hillsborough County, Florida	98	NA	NA	NA
Miami–Dade County, Florida	81	NA	NA	NA
Orange County, Florida	81	NA	NA	NA
Osceola County, Florida	89	NA	NA	NA
Palm Beach County, Florida	145	72.1	3.9	(64.5–79.7)
Pinellas County, Florida	128	62.2	4.7	(53.0–71.4)
Clayton County, Georgia	52	NA	NA	NA
Cobb County, Georgia	76	NA	NA	NA
DeKalb County, Georgia	80	NA	NA	NA
Fulton County, Georgia	89	NA	NA	NA
Hawaii County, Hawaii	392	69.5	2.6	(64.5–74.5)
Honolulu County, Hawaii	950	73.1	1.7	(69.8–76.4)
Kauai County, Hawaii	188	71.8	3.8	(64.4–79.2)
Maui County, Hawaii	380	68.7	2.9	(63.0–74.4)
Ada County, Idaho	201	70.3	3.5	(63.4–77.2)
Bonneville County, Idaho	100	65.2	5.0	(55.3–75.1)
Canyon County, Idaho	154	68.1	4.2	(59.8–76.4)
Nez Perce County, Idaho	106	69.0	4.7	(59.8–78.2)
Cook County, Illinois	549	60.3	2.5	(55.4–65.2)
DuPage County, Illinois	108	69.6	4.9	(59.9–79.3)
Lake County, Illinois	58	NA	NA	NA
Will County, Illinois	58	NA	NA	NA
Allen County, Indiana	140	53.6	4.7	(44.4–62.8)
Lake County, Indiana	254	58.4	4.6	(49.5–67.3)

See table footnotes on page 49.

**TABLE 12. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	440	72.0	3.0	(66.0–78.0)
Vanderburgh County, Indiana	89	NA	NA	NA
Linn County, Iowa	148	78.0	3.6	(71.0–85.0)
Polk County, Iowa	211	75.9	3.1	(69.7–82.1)
Scott County, Iowa	120	77.8	4.3	(69.4–86.2)
Butler County, Kansas	122	66.8	4.7	(57.6–76.0)
Douglas County, Kansas	170	77.3	3.5	(70.4–84.2)
Johnson County, Kansas	881	72.6	1.6	(69.4–75.8)
Leavenworth County, Kansas	133	67.8	4.4	(59.3–76.3)
Riley County, Kansas	85	NA	NA	NA
Sedgwick County, Kansas	917	71.1	1.6	(67.9–74.3)
Shawnee County, Kansas	453	69.9	2.3	(65.3–74.5)
Wyandotte County, Kansas	307	61.3	3.1	(55.3–67.3)
Jefferson County, Kentucky	629	74.1	3.5	(67.3–80.9)
Caddo Parish, Louisiana	151	60.9	4.4	(52.3–69.5)
Calcasieu Parish, Louisiana	202	70.5	3.7	(63.3–77.7)
East Baton Rouge Parish, Louisiana	198	72.3	3.4	(65.6–79.0)
Jefferson Parish, Louisiana	184	73.6	3.7	(66.3–80.9)
Orleans Parish, Louisiana	107	NA	NA	NA
Rapides Parish, Louisiana	141	68.9	4.6	(59.9–77.9)
St. Tammany Parish, Louisiana	115	70.8	4.8	(61.4–80.2)
Terrebonne Parish, Louisiana	83	NA	NA	NA
Cumberland County, Maine	404	81.9	2.1	(77.8–86.0)
Kennebec County, Maine	197	74.8	3.5	(67.9–81.7)
Penobscot County, Maine	218	69.7	3.5	(62.8–76.6)
Sagadahoc County, Maine	109	NA	NA	NA
York County, Maine	301	72.9	2.7	(67.5–78.3)
Anne Arundel County, Maryland	134	79.0	3.7	(71.8–86.2)
Baltimore County, Maryland	296	77.3	2.7	(72.0–82.6)
Cecil County, Maryland	68	NA	NA	NA
Charles County, Maryland	63	NA	NA	NA
Frederick County, Maryland	139	NA	NA	NA
Harford County, Maryland	66	NA	NA	NA
Howard County, Maryland	56	NA	NA	NA
Montgomery County, Maryland	275	78.8	2.8	(73.2–84.4)
Prince George's County, Maryland	130	65.9	5.1	(55.9–75.9)
Queen Anne's County, Maryland	83	NA	NA	NA
Washington County, Maryland	124	75.6	4.1	(67.5–83.7)
Baltimore City, Maryland	128	NA	NA	NA
Bristol County, Massachusetts	826	67.5	3.0	(61.6–73.4)
Essex County, Massachusetts	593	72.4	2.9	(66.7–78.1)
Hampden County, Massachusetts	448	69.0	3.3	(62.5–75.5)
Hampshire County, Massachusetts	78	NA	NA	NA
Middlesex County, Massachusetts	789	76.3	2.1	(72.3–80.3)
Norfolk County, Massachusetts	266	79.0	3.0	(73.1–84.9)
Plymouth County, Massachusetts	177	72.6	3.7	(65.3–79.9)
Suffolk County, Massachusetts	444	72.8	2.6	(67.8–77.8)
Worcester County, Massachusetts	534	71.8	2.6	(66.8–76.8)
Kent County, Michigan	146	67.4	4.3	(58.9–75.9)
Macomb County, Michigan	175	62.6	4.0	(54.7–70.5)
Oakland County, Michigan	297	65.8	3.5	(58.9–72.7)
Wayne County, Michigan	660	66.3	2.3	(61.8–70.8)
Anoka County, Minnesota	69	79.6	5.1	(69.6–89.6)
Dakota County, Minnesota	93	79.4	4.7	(70.2–88.6)
Hennepin County, Minnesota	350	78.4	2.4	(73.7–83.1)
Ramsey County, Minnesota	163	80.8	3.2	(74.5–87.1)
DeSoto County, Mississippi	215	71.3	3.6	(64.3–78.3)
George County, Mississippi	129	64.5	4.9	(54.8–74.2)
Hancock County, Mississippi	117	73.2	4.4	(64.6–81.8)
Harrison County, Mississippi	113	77.0	4.5	(68.3–85.7)
Hinds County, Mississippi	157	63.8	4.3	(55.3–72.3)
Jackson County, Mississippi	112	71.4	4.7	(62.2–80.6)
Rankin County, Mississippi	109	68.5	4.9	(58.9–78.1)

See table footnotes on page 49.

**TABLE 12. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	112	56.0	5.1	(46.0–66.0)
Jackson County, Missouri	153	69.9	4.1	(62.0–77.8)
St. Louis County, Missouri	159	78.5	4.4	(69.9–87.1)
St. Louis City, Missouri	118	70.6	4.5	(61.7–79.5)
Flathead County, Montana	185	62.3	4.3	(53.9–70.7)
Gallatin County, Montana	147	66.4	4.2	(58.1–74.7)
Silver Bow County, Montana	218	72.5	3.3	(66.0–79.0)
Yellowstone County, Montana	181	75.4	3.4	(68.8–82.0)
Adams County, Nebraska	180	73.3	3.6	(66.2–80.4)
Dakota County, Nebraska	222	60.9	3.7	(53.7–68.1)
Douglas County, Nebraska	264	77.5	2.9	(71.9–83.1)
Hall County, Nebraska	217	74.6	3.3	(68.1–81.1)
Lancaster County, Nebraska	244	76.1	2.9	(70.3–81.9)
Lincoln County, Nebraska	187	68.9	3.9	(61.2–76.6)
Madison County, Nebraska	146	74.0	3.9	(66.4–81.6)
Sarpy County, Nebraska	178	81.5	3.6	(74.5–88.5)
Scotts Bluff County, Nebraska	292	68.3	2.9	(62.6–74.0)
Seward County, Nebraska	112	72.6	4.9	(63.0–82.2)
Clark County, Nevada	367	61.6	2.9	(55.9–67.3)
Washoe County, Nevada	353	67.1	2.7	(61.8–72.4)
Grafton County, New Hampshire	146	74.8	3.9	(67.2–82.4)
Hillsborough County, New Hampshire	425	71.8	2.9	(66.1–77.5)
Merrimack County, New Hampshire	197	73.1	3.5	(66.1–80.1)
Rockingham County, New Hampshire	262	74.0	2.9	(68.2–79.8)
Strafford County, New Hampshire	191	64.5	3.7	(57.2–71.8)
Atlantic County, New Jersey	253	58.8	4.4	(50.1–67.5)
Bergen County, New Jersey	169	71.3	4.1	(63.2–79.4)
Burlington County, New Jersey	145	72.0	4.4	(63.4–80.6)
Camden County, New Jersey	156	68.4	4.3	(60.0–76.8)
Cape May County, New Jersey	190	72.0	3.6	(65.0–79.0)
Essex County, New Jersey	262	60.4	3.7	(53.1–67.7)
Gloucester County, New Jersey	129	80.1	3.9	(72.4–87.8)
Hudson County, New Jersey	210	50.5	4.4	(41.9–59.1)
Hunterdon County, New Jersey	131	69.6	4.4	(60.9–78.3)
Mercer County, New Jersey	153	76.3	3.8	(68.8–83.8)
Middlesex County, New Jersey	157	62.0	4.9	(52.4–71.6)
Monmouth County, New Jersey	133	63.8	4.7	(54.6–73.0)
Morris County, New Jersey	181	72.9	3.7	(65.7–80.1)
Ocean County, New Jersey	204	69.8	3.6	(62.7–76.9)
Passaic County, New Jersey	121	NA	NA	NA
Somerset County, New Jersey	112	75.0	5.1	(64.9–85.1)
Sussex County, New Jersey	110	69.0	5.1	(59.0–79.0)
Union County, New Jersey	131	68.0	4.8	(58.7–77.3)
Warren County, New Jersey	147	65.9	4.5	(57.2–74.6)
Bernalillo County, New Mexico	449	71.2	2.3	(66.6–75.8)
Dona Ana County, New Mexico	254	64.8	3.3	(58.3–71.3)
McKinley County, New Mexico	110	67.4	5.0	(57.6–77.2)
Sandoval County, New Mexico	176	67.9	4.3	(59.4–76.4)
San Juan County, New Mexico	240	61.4	3.9	(53.8–69.0)
Santa Fe County, New Mexico	226	65.6	3.6	(58.5–72.7)
Valencia County, New Mexico	114	74.5	4.3	(66.1–82.9)
Erie County, New York	169	77.1	3.6	(70.1–84.1)
Kings County, New York	105	NA	NA	NA
Monroe County, New York	111	83.5	3.7	(76.2–90.8)
Nassau County, New York	133	74.4	4.2	(66.1–82.7)
New York County, New York	160	67.4	4.6	(58.4–76.4)
Queens County, New York	127	NA	NA	NA
Suffolk County, New York	149	64.6	4.3	(56.1–73.1)
Westchester County, New York	96	75.1	4.8	(65.8–84.4)
Buncombe County, North Carolina	125	78.4	3.9	(70.7–86.1)
Cabarrus County, North Carolina	99	NA	NA	NA
Catawba County, North Carolina	135	74.6	4.0	(66.7–82.5)
Cumberland County, North Carolina	102	72.2	4.9	(62.6–81.8)

See table footnotes on page 49.

**TABLE 12. (Continued) Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	118	75.9	4.3	(67.5–84.3)
Gaston County, North Carolina	125	59.9	4.9	(50.4–69.4)
Guilford County, North Carolina	123	74.4	4.4	(65.8–83.0)
Henderson County, North Carolina	117	71.2	4.4	(62.5–79.9)
Johnston County, North Carolina	92	72.8	4.9	(63.2–82.4)
Mecklenburg County, North Carolina	133	68.8	4.7	(59.7–77.9)
New Hanover County, North Carolina	158	78.4	3.6	(71.3–85.5)
Orange County, North Carolina	101	81.1	4.1	(73.0–89.2)
Randolph County, North Carolina	104	75.5	4.6	(66.4–84.6)
Union County, North Carolina	94	NA	NA	NA
Wake County, North Carolina	129	74.5	4.3	(66.2–82.8)
Burleigh County, North Dakota	181	64.3	3.8	(56.8–71.8)
Cass County, North Dakota	193	72.6	3.4	(65.9–79.3)
Ward County, North Dakota	138	67.9	4.4	(59.3–76.5)
Cuyahoga County, Ohio	212	70.3	3.4	(63.7–76.9)
Franklin County, Ohio	159	71.8	4.0	(64.0–79.6)
Hamilton County, Ohio	191	68.0	3.8	(60.6–75.4)
Lucas County, Ohio	215	67.7	3.6	(60.7–74.7)
Mahoning County, Ohio	223	58.2	3.8	(50.8–65.6)
Montgomery County, Ohio	217	68.9	3.4	(62.2–75.6)
Stark County, Ohio	229	71.5	3.2	(65.1–77.9)
Summit County, Ohio	228	70.3	3.3	(63.9–76.7)
Canadian County, Oklahoma	59	NA	NA	NA
Cleveland County, Oklahoma	104	NA	NA	NA
Oklahoma County, Oklahoma	367	72.3	2.6	(67.2–77.4)
Tulsa County, Oklahoma	517	71.8	2.2	(67.4–76.2)
Clackamas County, Oregon	149	66.1	4.2	(57.9–74.3)
Multnomah County, Oregon	201	66.4	3.7	(59.2–73.6)
Washington County, Oregon	126	65.0	4.7	(55.7–74.3)
Allegheny County, Pennsylvania	247	77.8	3.0	(72.0–83.6)
Bucks County, Pennsylvania	94	74.9	4.8	(65.4–84.4)
Delaware County, Pennsylvania	75	NA	NA	NA
Fayette County, Pennsylvania	260	69.0	4.4	(60.3–77.7)
Luzerne County, Pennsylvania	268	61.4	3.6	(54.4–68.4)
Montgomery County, Pennsylvania	120	75.8	4.4	(67.1–84.5)
Philadelphia County, Pennsylvania	157	70.6	4.1	(62.6–78.6)
Westmoreland County, Pennsylvania	88	NA	NA	NA
Kent County, Rhode Island	230	81.4	2.7	(76.2–86.6)
Newport County, Rhode Island	174	77.2	3.4	(70.5–83.9)
Providence County, Rhode Island	1,159	72.8	1.6	(69.7–75.9)
Washington County, Rhode Island	210	76.9	3.0	(71.0–82.8)
Aiken County, South Carolina	184	73.7	3.5	(66.9–80.5)
Beaufort County, South Carolina	324	73.6	2.7	(68.4–78.8)
Berkeley County, South Carolina	113	NA	NA	NA
Charleston County, South Carolina	230	73.2	4.0	(65.3–81.1)
Greenville County, South Carolina	183	74.9	4.3	(66.5–83.3)
Horry County, South Carolina	261	68.3	3.2	(62.0–74.6)
Richland County, South Carolina	226	NA	NA	NA
Minnehaha County, South Dakota	193	74.8	3.4	(68.1–81.5)
Pennington County, South Dakota	251	77.9	2.8	(72.3–83.5)
Davidson County, Tennessee	135	74.7	4.1	(66.7–82.7)
Hamilton County, Tennessee	154	65.4	4.4	(56.8–74.0)
Shelby County, Tennessee	110	65.4	5.0	(55.6–75.2)
Sullivan County, Tennessee	142	80.5	3.6	(73.4–87.6)
Bexar County, Texas	206	70.7	3.7	(63.4–78.0)
Dallas County, Texas	83	NA	NA	NA
El Paso County, Texas	206	61.4	3.7	(54.1–68.7)
Fort Bend County, Texas	122	66.7	5.1	(56.6–76.8)
Harris County, Texas	275	65.6	3.2	(59.4–71.8)
Hidalgo County, Texas	178	61.9	4.1	(53.9–69.9)
Lubbock County, Texas	190	67.7	3.8	(60.3–75.1)
Tarrant County, Texas	132	72.1	4.3	(63.8–80.4)
Travis County, Texas	214	81.6	3.9	(74.0–89.2)

See table footnotes on page 49.

**TABLE 12. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	161	66.6	4.5	(57.9–75.3)
Davis County, Utah	172	67.0	3.9	(59.3–74.7)
Salt Lake County, Utah	780	69.8	1.8	(66.2–73.4)
Summit County, Utah	89	NA	NA	NA
Tooele County, Utah	124	68.6	5.1	(58.5–78.7)
Utah County, Utah	239	67.0	3.4	(60.4–73.6)
Wasatch County, Utah	119	72.0	5.0	(62.2–81.8)
Weber County, Utah	205	73.1	3.4	(66.5–79.7)
Chittenden County, Vermont	400	73.6	2.4	(68.8–78.4)
Franklin County, Vermont	114	55.4	5.0	(45.5–65.3)
Orange County, Vermont	95	NA	NA	NA
Rutland County, Vermont	208	69.9	3.5	(63.0–76.8)
Washington County, Vermont	202	73.2	3.4	(66.6–79.8)
Windsor County, Vermont	185	70.7	3.7	(63.5–77.9)
Benton County, Washington	135	67.4	4.5	(58.6–76.2)
Chelan County, Washington	101	73.1	4.8	(63.7–82.5)
Clark County, Washington	327	68.5	2.9	(62.9–74.1)
Douglas County, Washington	105	NA	NA	NA
King County, Washington	856	70.5	1.7	(67.1–73.9)
Kitsap County, Washington	297	74.3	2.7	(69.0–79.6)
Pierce County, Washington	494	71.1	2.3	(66.5–75.7)
Skamania County, Washington	62	NA	NA	NA
Snohomish County, Washington	471	67.9	2.4	(63.3–72.5)
Spokane County, Washington	376	66.7	2.7	(61.4–72.0)
Thurston County, Washington	237	70.7	3.3	(64.2–77.2)
Yakima County, Washington	261	64.3	3.2	(58.0–70.6)
Kanawha County, West Virginia	195	74.7	3.7	(67.5–81.9)
Milwaukee County, Wisconsin	150	74.4	5.1	(64.4–84.4)
Fremont County, Wyoming	155	67.3	4.2	(59.1–75.5)
Laramie County, Wyoming	303	75.9	2.7	(70.5–81.3)
Natrona County, Wyoming	252	76.9	2.9	(71.2–82.6)
<i>Median</i>		71.3		
<i>Range</i>		50.5–83.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .



**TABLE 13. Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,115	66.3	1.5	(63.4–69.2)
Alaska	364	66.3	3.5	(59.4–73.2)
Arizona	1,999	70.5	1.6	(67.3–73.7)
Arkansas	1,390	67.3	1.5	(64.3–70.3)
California	4,556	59.9	1.0	(57.9–61.9)
Colorado	2,983	73.9	1.0	(72.0–75.8)
Connecticut	2,016	68.5	1.3	(66.0–71.0)
Delaware	1,394	66.5	1.6	(63.4–69.6)
District of Columbia	993	62.1	1.8	(58.6–65.6)
Florida	4,410	63.3	1.2	(60.9–65.7)
Georgia	1,636	63.4	1.5	(60.5–66.3)
Hawaii	1,816	64.4	1.5	(61.5–67.3)
Idaho	1,627	64.0	1.4	(61.3–66.7)
Illinois	1,708	63.3	1.4	(60.6–66.0)
Indiana	2,671	66.3	1.1	(64.1–68.5)
Iowa	1,898	69.9	1.2	(67.6–72.2)
Kansas	5,933	67.7	0.7	(66.4–69.0)
Kentucky	2,868	66.8	1.3	(64.2–69.4)
Louisiana	2,693	69.3	1.1	(67.1–71.5)
Maine	2,350	71.4	1.0	(69.3–73.5)
Maryland	2,265	68.9	1.3	(66.3–71.5)
Massachusetts	4,277	71.3	1.0	(69.4–73.2)
Michigan	2,897	67.5	1.0	(65.5–69.5)
Minnesota	1,768	72.6	1.2	(70.3–74.9)
Mississippi	3,777	67.8	0.9	(66.0–69.6)
Missouri	1,590	68.3	1.5	(65.3–71.3)
Montana	2,380	71.8	1.1	(69.6–74.0)
Nebraska	5,711	69.1	1.0	(67.2–71.0)
Nevada	1,152	67.7	2.0	(63.8–71.6)
New Hampshire	1,773	71.4	1.3	(68.8–74.0)
New Jersey	3,093	62.4	1.2	(60.1–64.7)
New Mexico	2,550	67.6	1.1	(65.4–69.8)
New York	2,014	66.2	1.4	(63.5–68.9)
North Carolina	3,989	69.9	1.1	(67.7–72.1)
North Dakota	1,392	70.8	1.3	(68.2–73.4)
Ohio	2,950	67.4	1.1	(65.3–69.5)
Oklahoma	2,534	72.1	1.0	(70.1–74.1)
Oregon	1,425	69.5	1.3	(66.9–72.1)
Pennsylvania	2,906	70.0	1.1	(67.9–72.1)
Rhode Island	1,810	71.0	1.2	(68.6–73.4)
South Carolina	3,250	69.7	1.2	(67.4–72.0)
South Dakota	2,251	66.2	1.2	(63.8–68.6)
Tennessee	1,847	63.9	1.4	(61.1–66.7)
Texas	3,280	66.0	1.3	(63.4–68.6)
Utah	2,417	69.0	1.1	(66.8–71.2)
Vermont	1,842	71.8	1.1	(69.6–74.0)
Virginia	1,383	70.8	1.5	(67.9–73.7)
Washington	6,150	71.0	0.7	(69.6–72.4)
West Virginia	1,484	68.8	1.3	(66.2–71.4)
Wisconsin	1,267	70.0	1.9	(66.3–73.7)
Wyoming	1,800	71.4	1.2	(69.1–73.7)
Guam	151	19.1	3.4	(12.5–25.7)
Puerto Rico	1,321	25.8	1.3	(23.2–28.4)
Virgin Islands	466	36.2	2.6	(31.2–41.2)
<i>Median</i>		68.1		
<i>Range</i>		19.1–73.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 14. Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	260	68.0	3.4	(61.3–74.7)
Albuquerque, New Mexico	745	70.4	2.0	(66.6–74.2)
Alexandria, Louisiana	157	72.0	4.2	(63.8–80.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	258	65.7	4.3	(57.2–74.2)
Anchorage, Alaska	79	NA*	NA	NA
Asheville, North Carolina	301	75.8	2.7	(70.5–81.1)
Atlanta–Sandy Springs–Marietta, Georgia	561	62.3	2.5	(57.4–67.2)
Atlantic City–Hammonton, New Jersey	247	60.2	4.1	(52.2–68.2)
Augusta–Richmond County, Georgia–South Carolina	286	70.9	3.6	(63.9–77.9)
Augusta–Waterville, Maine	192	67.8	3.8	(60.4–75.2)
Austin–Round Rock, Texas	381	74.6	3.4	(67.9–81.3)
Baltimore–Towson, Maryland	780	67.9	2.0	(64.1–71.7)
Bangor, Maine	215	74.9	3.3	(68.3–81.5)
Barre, Vermont	198	71.7	3.6	(64.6–78.8)
Baton Rouge, Louisiana	338	70.0	3.0	(64.0–76.0)
Bethesda–Frederick–Gaithersburg, Maryland†	402	70.5	3.3	(64.0–77.0)
Billings, Montana	194	76.5	3.3	(70.0–83.0)
Birmingham–Hoover, Alabama	335	66.6	3.1	(60.6–72.6)
Bismarck, North Dakota	223	70.9	3.2	(64.6–77.2)
Boise City–Nampa, Idaho	379	70.7	2.6	(65.6–75.8)
Boston–Quincy, Massachusetts†	836	72.4	1.9	(68.6–76.2)
Bozeman, Montana	140	70.6	4.2	(62.5–78.7)
Bremerton–Silverdale, Washington	287	70.6	2.9	(64.8–76.4)
Bridgeport–Stamford–Norwalk, Connecticut	595	62.0	2.7	(56.6–67.4)
Buffalo–Niagara Falls, New York	200	72.0	3.5	(65.2–78.8)
Burlington–South Burlington, Vermont	503	69.1	2.3	(64.7–73.5)
Butte–Silver Bow, Montana	211	73.1	3.3	(66.7–79.5)
Cambridge–Newton–Framingham, Massachusetts†	759	70.1	2.3	(65.6–74.6)
Camden, New Jersey†	412	67.0	2.8	(61.6–72.4)
Canton–Massillon, Ohio	238	65.2	3.4	(58.5–71.9)
Casper, Wyoming	246	81.3	2.7	(76.0–86.6)
Cedar Rapids, Iowa	163	74.4	3.8	(66.9–81.9)
Charleston, West Virginia	267	71.6	3.2	(65.3–77.9)
Charleston–North Charleston–Summerville, South Carolina	368	64.4	4.0	(56.6–72.2)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	499	66.7	2.7	(61.4–72.0)
Chattanooga, Tennessee–Georgia	198	56.8	4.7	(47.6–66.0)
Cheyenne, Wyoming	296	73.2	2.9	(67.6–78.8)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	1,179	57.1	1.9	(53.4–60.8)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	468	70.7	2.7	(65.4–76.0)
Cleveland–Elyria–Mentor, Ohio	332	73.6	3.0	(67.7–79.5)
Colorado Springs, Colorado	261	75.2	3.0	(69.3–81.1)
Columbia, South Carolina	371	75.6	3.2	(69.4–81.8)
Columbus, Ohio	353	67.9	2.8	(62.3–73.5)
Concord, New Hampshire	190	70.4	3.6	(63.3–77.5)
Dallas–Plano–Irving, Texas†	149	73.5	4.3	(65.1–81.9)
Davenport–Moline–Rock Island, Iowa–Illinois	174	74.5	4.5	(65.6–83.4)
Dayton, Ohio	264	66.2	3.8	(58.7–73.7)
Denver–Aurora, Colorado	1,116	76.4	1.4	(73.6–79.2)
Des Moines–West Des Moines, Iowa	274	71.8	3.0	(66.0–77.6)
Detroit–Livonia–Dearborn, Michigan†	637	62.5	2.5	(57.7–67.3)
Dover, Delaware	389	65.4	2.8	(60.0–70.8)
Durham, North Carolina	243	77.6	3.3	(71.2–84.0)
Edison–New Brunswick, New Jersey†	582	64.3	2.5	(59.4–69.2)
El Paso, Texas	199	60.1	3.8	(52.6–67.6)
Evansville, Indiana–Kentucky	181	69.9	3.9	(62.2–77.6)
Fargo, North Dakota–Minnesota	205	70.3	4.7	(61.0–79.6)
Farmington, New Mexico	229	67.5	3.8	(60.0–75.0)
Fayetteville, North Carolina	131	69.8	4.7	(60.5–79.1)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	230	64.7	4.2	(56.4–73.0)
Fort Collins–Loveland, Colorado	142	75.0	4.0	(67.2–82.8)
Fort Wayne, Indiana	158	64.6	4.3	(56.2–73.0)
Fort Worth–Arlington, Texas†	156	68.2	4.2	(59.9–76.5)
Gallup, New Mexico	105	NA	NA	NA

See table footnotes on page 53.

**TABLE 14. (Continued) Estimated proportion of adults aged ≥65 years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	297	68.0	3.0	(62.0–74.0)
Grand Rapids–Wyoming, Michigan	190	67.1	3.7	(59.8–74.4)
Greeley, Colorado	124	68.0	4.8	(58.6–77.4)
Greensboro–High Point, North Carolina	239	70.6	3.7	(63.3–77.9)
Greenville–Mauldin–Easley, South Carolina	270	73.5	3.7	(66.2–80.8)
Gulfport–Biloxi, Mississippi	338	78.7	3.3	(72.3–85.1)
Hagerstown–Martinsburg, Maryland–West Virginia	190	73.1	3.8	(65.7–80.5)
Hartford–West Hartford–East Hartford, Connecticut	649	70.9	2.0	(66.9–74.9)
Hastings, Nebraska	223	71.3	3.2	(65.0–77.6)
Heber, Utah	119	NA	NA	NA
Hickory–Lenoir–Morganton, North Carolina	268	75.0	3.4	(68.3–81.7)
Hilo, Hawaii	366	62.7	2.7	(57.3–68.1)
Hilton Head Island–Beaufort, South Carolina	359	69.2	2.7	(63.8–74.6)
Honolulu, Hawaii	908	64.4	1.9	(60.7–68.1)
Houma–Bayou Cane–Thibodaux, Louisiana	148	62.6	4.5	(53.7–71.5)
Houston–Sugar Land–Baytown, Texas	474	62.1	2.7	(56.8–67.4)
Huntington–Ashland, West Virginia–Kentucky–Ohio	219	73.1	3.6	(66.0–80.2)
Idaho Falls, Idaho	142	52.9	4.6	(43.9–61.9)
Indianapolis–Carmel, Indiana	616	69.5	2.5	(64.6–74.4)
Jackson, Mississippi	372	66.8	2.8	(61.4–72.2)
Jacksonville, Florida	317	69.0	3.2	(62.8–75.2)
Kahului–Wailuku, Hawaii	363	62.3	3.2	(56.0–68.6)
Kalispell, Montana	184	66.2	4.2	(57.9–74.5)
Kansas City, Missouri–Kansas	1,747	66.5	1.9	(62.7–70.3)
Kapaa, Hawaii	179	60.7	4.2	(52.5–68.9)
Kennewick–Pasco–Richland, Washington	183	77.7	3.4	(71.0–84.4)
Kingsport–Bristol–Bristol, Tennessee–Virginia	187	74.3	3.9	(66.6–82.0)
Lake Charles, Louisiana	207	72.7	3.4	(66.0–79.4)
Las Cruces, New Mexico	248	63.6	3.4	(56.9–70.3)
Las Vegas–Paradise, Nevada	355	66.0	2.9	(60.3–71.7)
Lawrence, Kansas	165	71.2	4.0	(63.3–79.1)
Lebanon, New Hampshire–Vermont	404	67.7	2.6	(62.7–72.7)
Lewiston, Idaho–Washington	198	66.5	3.6	(59.4–73.6)
Lincoln, Nebraska	352	72.3	2.9	(66.6–78.0)
Little Rock–North Little Rock–Conway, Arkansas	256	65.4	3.8	(58.0–72.8)
Los Angeles–Long Beach–Glendale, California†	481	55.9	2.7	(50.6–61.2)
Louisville/Jefferson County, Kentucky–Indiana	744	67.9	3.1	(61.9–73.9)
Lubbock, Texas	190	70.2	3.7	(63.0–77.4)
Manchester–Nashua, New Hampshire	412	71.7	3.1	(65.7–77.7)
Manhattan, Kansas	172	64.6	4.1	(56.6–72.6)
McAllen–Edinburg–Mission, Texas	175	62.3	4.1	(54.4–70.2)
Memphis, Tennessee–Mississippi–Arkansas	468	55.7	3.6	(48.7–62.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	339	53.5	3.9	(45.9–61.1)
Milwaukee–Waukesha–West Allis, Wisconsin	197	74.1	4.4	(65.5–82.7)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	839	71.5	1.9	(67.8–75.2)
Minot, North Dakota	163	77.2	3.7	(69.9–84.5)
Mobile, Alabama	232	60.5	3.7	(53.2–67.8)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	252	67.4	3.3	(60.9–73.9)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	268	69.5	3.2	(63.3–75.7)
Nassau–Suffolk, New York†	278	68.6	3.1	(62.5–74.7)
Newark–Union, New Jersey–Pennsylvania†	790	59.0	2.3	(54.5–63.5)
New Haven–Milford, Connecticut	505	69.5	2.6	(64.4–74.6)
New Orleans–Metairie–Kenner, Louisiana	455	64.2	2.7	(59.0–69.4)
New York–White Plains–Wayne, New York–New Jersey†	1,074	54.2	2.0	(50.2–58.2)
Norfolk, Nebraska	201	64.3	3.6	(57.2–71.4)
North Platte, Nebraska	194	63.4	4.4	(54.9–71.9)
Oakland–Fremont–Hayward, California†	342	60.6	3.7	(53.4–67.8)
Ocean City, New Jersey	177	65.0	4.0	(57.2–72.8)
Ogden–Clearfield, Utah	381	70.1	2.7	(64.9–75.3)
Oklahoma City, Oklahoma	629	73.4	2.0	(69.5–77.3)
Olympia, Washington	233	69.5	3.4	(62.8–76.2)
Omaha–Council Bluffs, Nebraska–Iowa	663	70.0	2.3	(65.4–74.6)
Orlando–Kissimmee, Florida	289	60.8	3.9	(53.1–68.5)

See table footnotes on page 53.

**TABLE 14. (Continued) Estimated proportion of adults aged ≥65 years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	238	72.1	4.1	(64.1–80.1)
Peabody, Massachusetts†	564	73.0	2.8	(67.5–78.5)
Philadelphia, Pennsylvania*†	490	67.5	2.4	(62.7–72.3)
Phoenix–Mesa–Scottsdale, Arizona	501	71.1	2.5	(66.1–76.1)
Pittsburgh, Pennsylvania	757	73.6	2.1	(69.5–77.7)
Portland–South Portland–Biddeford, Maine	785	73.3	1.7	(69.9–76.7)
Portland–Vancouver–Beaverton, Oregon–Washington	887	72.4	1.9	(68.7–76.1)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	2,605	68.7	1.3	(66.2–71.2)
Provo–Orem, Utah	242	71.0	3.3	(64.6–77.4)
Raleigh–Cary, North Carolina	224	74.9	3.7	(67.6–82.2)
Rapid City, South Dakota	311	69.2	2.9	(63.6–74.8)
Reno–Sparks, Nevada	343	71.3	2.7	(66.0–76.6)
Richmond, Virginia	226	73.2	3.5	(66.4–80.0)
Riverside–San Bernardino–Ontario, California	501	61.6	2.6	(56.4–66.8)
Riverton, Wyoming	154	69.6	4.1	(61.6–77.6)
Rochester, New York	161	74.4	3.8	(66.9–81.9)
Rockingham County–Strafford County, New Hampshire*†	439	72.6	2.4	(67.9–77.3)
Rutland, Vermont	205	72.8	3.5	(66.0–79.6)
Sacramento–Arden–Arcade–Roseville, California	375	69.6	3.2	(63.2–76.0)
St. Louis, Missouri–Illinois	482	68.7	2.9	(63.0–74.4)
Salt Lake City, Utah	960	71.9	1.7	(68.5–75.3)
San Antonio, Texas	242	74.3	3.5	(67.5–81.1)
San Diego–Carlsbad–San Marcos, California	469	63.3	2.8	(57.8–68.8)
San Francisco–San Mateo–Redwood City, California†	274	55.3	4.1	(47.3–63.3)
San Jose–Sunnyvale–Santa Clara, California	236	63.4	4.7	(54.3–72.5)
Santa Ana–Anaheim–Irvine, California†	416	57.6	3.2	(51.4–63.8)
Santa Fe, New Mexico	223	62.6	3.7	(55.4–69.8)
Scottsbluff, Nebraska	286	63.8	3.1	(57.7–69.9)
Scranton–Wilkes-Barre, Pennsylvania	301	64.1	3.7	(56.8–71.4)
Seaford, Delaware	608	68.7	2.1	(64.6–72.8)
Seattle–Bellevue–Everett, Washington†	1,282	69.4	1.8	(65.9–72.9)
Shreveport–Bossier City, Louisiana	224	71.5	3.4	(64.9–78.1)
Sioux City, Iowa–Nebraska–South Dakota	350	67.5	4.9	(57.9–77.1)
Sioux Falls, South Dakota	259	62.0	3.2	(55.7–68.3)
Spokane, Washington	368	64.0	2.8	(58.5–69.5)
Springfield, Massachusetts	548	70.0	2.8	(64.5–75.5)
Tacoma, Washington†	477	72.4	2.4	(67.8–77.0)
Tallahassee, Florida	138	75.2	4.9	(65.6–84.8)
Tampa–St. Petersburg–Clearwater, Florida	358	60.3	3.1	(54.3–66.3)
Toledo, Ohio	257	64.3	3.6	(57.2–71.4)
Topeka, Kansas	609	70.5	2.0	(66.5–74.5)
Trenton–Ewing, New Jersey	144	78.7	3.9	(71.0–86.4)
Tucson, Arizona	271	74.2	3.1	(68.2–80.2)
Tulsa, Oklahoma	728	71.8	1.9	(68.0–75.6)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	279	72.3	3.3	(65.9–78.7)
Warren–Troy–Farmington Hills, Michigan†	546	66.6	2.3	(62.0–71.2)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	1,414	66.5	2.7	(61.3–71.7)
Wenatchee, Washington	202	65.8	4.0	(58.0–73.6)
Wichita, Kansas	1,172	70.3	1.5	(67.4–73.2)
Wilmington, Delaware–Maryland–New Jersey†	517	61.3	2.5	(56.3–66.3)
Wilmington, North Carolina	185	78.9	4.4	(70.3–87.5)
Worcester, Massachusetts	506	72.3	2.6	(67.3–77.3)
Yakima, Washington	253	71.1	3.1	(65.0–77.2)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	288	54.6	4.4	(46.0–63.2)
<i>Median</i>		<b>69.5</b>		
<i>Range</i>		<b>52.9–81.3</b>		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was <50 or if the 95% CI half width is >10.

† Metropolitan division.

**TABLE 15. Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	172	69.6	4.0	(61.8–77.4)
Mobile County, Alabama	232	60.5	3.7	(53.2–67.8)
Anchorage Municipality, Alaska	58	NA*	NA	NA
Maricopa County, Arizona	365	71.2	2.8	(65.8–76.6)
Pima County, Arizona	271	74.2	3.1	(68.2–80.2)
Pinal County, Arizona	136	70.3	4.4	(61.6–79.0)
Benton County, Arkansas	123	70.0	4.9	(60.5–79.5)
Pulaski County, Arkansas	168	NA	NA	NA
Washington County, Arkansas	96	NA	NA	NA
Alameda County, California	182	NA	NA	NA
Contra Costa County, California	160	63.3	4.3	(54.8–71.8)
Los Angeles County, California	481	55.9	2.7	(50.6–61.2)
Orange County, California	416	57.6	3.2	(51.4–63.8)
Riverside County, California	290	64.8	3.1	(58.7–70.9)
Sacramento County, California	221	68.8	4.0	(61.0–76.6)
San Bernardino County, California	211	57.9	4.4	(49.2–66.6)
San Diego County, California	469	63.3	2.8	(57.8–68.8)
San Francisco County, California	102	NA	NA	NA
San Mateo County, California	103	NA	NA	NA
Santa Clara County, California	228	61.0	4.8	(51.5–70.5)
Adams County, Colorado	202	78.9	3.7	(71.7–86.1)
Arapahoe County, Colorado	202	76.9	3.2	(70.6–83.2)
Denver County, Colorado	268	76.7	2.8	(71.1–82.3)
Douglas County, Colorado	95	74.0	4.8	(64.7–83.3)
El Paso County, Colorado	230	75.9	3.1	(69.8–82.0)
Jefferson County, Colorado	264	76.5	2.9	(70.8–82.2)
Larimer County, Colorado	142	75.0	4.0	(67.2–82.8)
Weld County, Colorado	124	68.0	4.8	(58.6–77.4)
Fairfield County, Connecticut	595	62.0	2.7	(56.6–67.4)
Hartford County, Connecticut	468	71.2	2.4	(66.5–75.9)
Middlesex County, Connecticut	87	NA	NA	NA
New Haven County, Connecticut	505	69.5	2.6	(64.4–74.6)
Tolland County, Connecticut	94	NA	NA	NA
Kent County, Delaware	389	65.4	2.8	(60.0–70.8)
New Castle County, Delaware	397	62.8	2.8	(57.4–68.2)
Sussex County, Delaware	608	68.7	2.1	(64.6–72.8)
District of Columbia	993	60.1	1.9	(56.4–63.8)
Broward County, Florida	118	NA	NA	NA
Duval County, Florida	150	76.8	3.6	(69.7–83.9)
Hillsborough County, Florida	95	NA	NA	NA
Miami–Dade County, Florida	75	NA	NA	NA
Orange County, Florida	78	NA	NA	NA
Osceola County, Florida	86	NA	NA	NA
Palm Beach County, Florida	146	71.7	4.1	(63.6–79.8)
Pinellas County, Florida	122	59.9	4.9	(50.2–69.6)
Clayton County, Georgia	50	NA	NA	NA
Cobb County, Georgia	73	NA	NA	NA
DeKalb County, Georgia	79	NA	NA	NA
Fulton County, Georgia	84	NA	NA	NA
Hawaii County, Hawaii	366	62.7	2.7	(57.3–68.1)
Honolulu County, Hawaii	908	64.4	1.9	(60.7–68.1)
Kauai County, Hawaii	179	60.7	4.2	(52.5–68.9)
Maui County, Hawaii	363	62.3	3.2	(56.0–68.6)
Ada County, Idaho	192	71.7	3.5	(64.7–78.7)
Bonneville County, Idaho	99	NA	NA	NA
Canyon County, Idaho	146	71.1	4.2	(63.0–79.2)
Nez Perce County, Idaho	106	67.5	4.8	(58.1–76.9)
Cook County, Illinois	535	57.0	2.6	(51.9–62.1)
DuPage County, Illinois	107	NA	NA	NA
Lake County, Illinois	55	NA	NA	NA
Will County, Illinois	57	NA	NA	NA
Allen County, Indiana	133	63.8	4.8	(54.5–73.1)
Lake County, Indiana	239	52.8	4.9	(43.2–62.4)

See table footnotes on page 58.



**TABLE 15. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	423	69.4	3.4	(62.7–76.1)
Vanderburgh County, Indiana	86	NA	NA	NA
Linn County, Iowa	139	74.0	4.0	(66.1–81.9)
Polk County, Iowa	209	69.9	3.5	(63.1–76.7)
Scott County, Iowa	117	74.7	4.4	(66.1–83.3)
Butler County, Kansas	119	74.2	4.4	(65.6–82.8)
Douglas County, Kansas	165	71.2	4.0	(63.3–79.1)
Johnson County, Kansas	864	70.8	1.7	(67.4–74.2)
Leavenworth County, Kansas	132	69.1	4.3	(60.7–77.5)
Riley County, Kansas	84	NA	NA	NA
Sedgwick County, Kansas	896	70.7	1.7	(67.4–74.0)
Shawnee County, Kansas	442	72.1	2.3	(67.6–76.6)
Wyandotte County, Kansas	303	62.4	3.1	(56.4–68.4)
Jefferson County, Kentucky	608	70.3	3.7	(63.0–77.6)
Caddo Parish, Louisiana	146	68.7	4.3	(60.3–77.1)
Calcasieu Parish, Louisiana	201	72.4	3.5	(65.6–79.2)
East Baton Rouge Parish, Louisiana	198	73.1	3.4	(66.5–79.7)
Jefferson Parish, Louisiana	177	68.8	4.2	(60.6–77.0)
Orleans Parish, Louisiana	102	NA	NA	NA
Rapides Parish, Louisiana	140	69.4	4.6	(60.4–78.4)
St. Tammany Parish, Louisiana	115	64.7	5.0	(54.9–74.5)
Terrebonne Parish, Louisiana	81	NA	NA	NA
Cumberland County, Maine	388	74.5	2.4	(69.7–79.3)
Kennebec County, Maine	192	67.8	3.8	(60.4–75.2)
Penobscot County, Maine	215	74.9	3.3	(68.3–81.5)
Sagadahoc County, Maine	103	NA	NA	NA
York County, Maine	294	73.9	2.8	(68.5–79.3)
Anne Arundel County, Maryland	129	71.7	4.2	(63.4–80.0)
Baltimore County, Maryland	285	66.2	3.2	(60.0–72.4)
Cecil County, Maryland	66	NA	NA	NA
Charles County, Maryland	61	NA	NA	NA
Frederick County, Maryland	136	NA	NA	NA
Harford County, Maryland	62	NA	NA	NA
Howard County, Maryland	51	NA	NA	NA
Montgomery County, Maryland	266	72.3	3.2	(66.0–78.6)
Prince George's County, Maryland	128	NA	NA	NA
Queen Anne's County, Maryland	81	NA	NA	NA
Washington County, Maryland	122	74.0	4.2	(65.7–82.3)
Baltimore City, Maryland	118	62.9	5.1	(52.9–72.9)
Bristol County, Massachusetts	795	64.5	3.1	(58.4–70.6)
Essex County, Massachusetts	564	73.3	2.8	(67.8–78.8)
Hampden County, Massachusetts	426	66.8	3.5	(60.0–73.6)
Hampshire County, Massachusetts	75	NA	NA	NA
Middlesex County, Massachusetts	759	69.8	2.3	(65.3–74.3)
Norfolk County, Massachusetts	256	74.0	3.3	(67.6–80.4)
Plymouth County, Massachusetts	167	77.9	3.4	(71.2–84.6)
Suffolk County, Massachusetts	413	68.5	2.8	(63.0–74.0)
Worcester County, Massachusetts	506	72.3	2.6	(67.3–77.3)
Kent County, Michigan	143	65.4	4.4	(56.8–74.0)
Macomb County, Michigan	163	69.6	4.0	(61.8–77.4)
Oakland County, Michigan	286	66.0	3.6	(59.0–73.0)
Wayne County, Michigan	637	62.5	2.5	(57.7–67.3)
Anoka County, Minnesota	67	NA	NA	NA
Dakota County, Minnesota	91	78.5	4.7	(69.3–87.7)
Hennepin County, Minnesota	341	70.7	2.7	(65.4–76.0)
Ramsey County, Minnesota	160	69.6	4.0	(61.8–77.4)
DeSoto County, Mississippi	209	69.1	3.7	(61.9–76.3)
George County, Mississippi	129	66.3	4.9	(56.8–75.8)
Hancock County, Mississippi	115	71.0	4.5	(62.2–79.8)
Harrison County, Mississippi	111	81.0	4.2	(72.7–89.3)
Hinds County, Mississippi	155	63.3	4.4	(54.7–71.9)
Jackson County, Mississippi	109	72.9	4.9	(63.3–82.5)
Rankin County, Mississippi	106	73.4	4.6	(64.4–82.4)

See table footnotes on page 58.

**TABLE 15. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	112	82.0	3.8	(74.6–89.4)
Jackson County, Missouri	150	62.4	4.3	(54.0–70.8)
St. Louis County, Missouri	156	73.4	5.0	(63.6–83.2)
St. Louis City, Missouri	111	67.1	5.0	(57.4–76.8)
Flathead County, Montana	184	66.2	4.2	(57.9–74.5)
Gallatin County, Montana	140	70.6	4.2	(62.5–78.7)
Silver Bow County, Montana	211	73.1	3.3	(66.7–79.5)
Yellowstone County, Montana	173	78.2	3.4	(71.5–84.9)
Adams County, Nebraska	177	69.4	3.7	(62.1–76.7)
Dakota County, Nebraska	213	62.1	3.8	(54.7–69.5)
Douglas County, Nebraska	258	71.8	3.3	(65.4–78.2)
Hall County, Nebraska	209	64.8	3.6	(57.7–71.9)
Lancaster County, Nebraska	240	72.1	3.1	(65.9–78.3)
Lincoln County, Nebraska	186	63.5	4.5	(54.7–72.3)
Madison County, Nebraska	143	66.2	4.2	(57.9–74.5)
Sarpy County, Nebraska	173	71.1	4.4	(62.4–79.8)
Scotts Bluff County, Nebraska	282	63.2	3.1	(57.2–69.2)
Seward County, Nebraska	112	75.9	4.7	(66.7–85.1)
Clark County, Nevada	355	66.0	2.9	(60.3–71.7)
Washoe County, Nevada	339	71.1	2.7	(65.8–76.4)
Grafton County, New Hampshire	139	71.5	4.1	(63.4–79.6)
Hillsborough County, New Hampshire	412	71.7	3.1	(65.7–77.7)
Merrimack County, New Hampshire	190	70.4	3.6	(63.3–77.5)
Rockingham County, New Hampshire	252	73.9	3.1	(67.8–80.0)
Strafford County, New Hampshire	187	69.9	3.6	(62.8–77.0)
Atlantic County, New Jersey	247	60.2	4.1	(52.2–68.2)
Bergen County, New Jersey	157	59.7	4.7	(50.5–68.9)
Burlington County, New Jersey	137	70.2	4.6	(61.2–79.2)
Camden County, New Jersey	151	62.1	4.6	(53.1–71.1)
Cape May County, New Jersey	177	65.0	4.0	(57.2–72.8)
Essex County, New Jersey	250	49.3	3.9	(41.7–56.9)
Gloucester County, New Jersey	124	NA	NA	NA
Hudson County, New Jersey	202	41.9	4.2	(33.7–50.1)
Hunterdon County, New Jersey	127	65.9	4.6	(56.8–75.0)
Mercer County, New Jersey	144	78.7	3.9	(71.0–86.4)
Middlesex County, New Jersey	150	59.2	5.0	(49.4–69.0)
Monmouth County, New Jersey	130	64.1	4.8	(54.7–73.5)
Morris County, New Jersey	173	63.2	4.2	(55.0–71.4)
Ocean County, New Jersey	198	72.4	3.6	(65.3–79.5)
Passaic County, New Jersey	118	NA	NA	NA
Somerset County, New Jersey	104	NA	NA	NA
Sussex County, New Jersey	106	NA	NA	NA
Union County, New Jersey	122	69.2	4.9	(59.6–78.8)
Warren County, New Jersey	143	67.6	4.6	(58.5–76.7)
Bernalillo County, New Mexico	436	71.4	2.4	(66.7–76.1)
Dona Ana County, New Mexico	248	63.6	3.4	(56.9–70.3)
McKinley County, New Mexico	105	NA	NA	NA
Sandoval County, New Mexico	171	67.0	4.3	(58.6–75.4)
San Juan County, New Mexico	229	67.5	3.8	(60.0–75.0)
Santa Fe County, New Mexico	223	62.6	3.7	(55.4–69.8)
Valencia County, New Mexico	109	76.2	4.5	(67.4–85.0)
Erie County, New York	164	74.3	3.8	(66.9–81.7)
Kings County, New York	99	NA	NA	NA
Monroe County, New York	98	74.5	4.9	(64.9–84.1)
Nassau County, New York	132	69.7	4.4	(61.0–78.4)
New York County, New York	149	70.4	4.2	(62.1–78.7)
Queens County, New York	124	NA	NA	NA
Suffolk County, New York	146	67.6	4.3	(59.1–76.1)
Westchester County, New York	92	NA	NA	NA
Buncombe County, North Carolina	119	75.1	4.3	(66.7–83.5)
Cabarrus County, North Carolina	99	NA	NA	NA
Catawba County, North Carolina	132	76.2	4.0	(68.5–83.9)
Cumberland County, North Carolina	98	NA	NA	NA

See table footnotes on page 58.

**TABLE 15. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	112	65.8	5.0	(56.0–75.6)
Gaston County, North Carolina	121	71.6	4.6	(62.6–80.6)
Guilford County, North Carolina	121	77.4	4.2	(69.2–85.6)
Henderson County, North Carolina	114	81.9	3.9	(74.3–89.5)
Johnston County, North Carolina	90	NA	NA	NA
Mecklenburg County, North Carolina	128	59.8	5.0	(50.0–69.6)
New Hanover County, North Carolina	153	77.9	3.9	(70.3–85.5)
Orange County, North Carolina	97	72.2	4.9	(62.5–81.9)
Randolph County, North Carolina	101	NA	NA	NA
Union County, North Carolina	91	NA	NA	NA
Wake County, North Carolina	127	76.3	4.4	(67.7–84.9)
Burleigh County, North Dakota	175	67.4	3.7	(60.1–74.7)
Cass County, North Dakota	186	68.4	3.7	(61.2–75.6)
Ward County, North Dakota	139	79.3	3.9	(71.6–87.0)
Cuyahoga County, Ohio	205	73.9	3.4	(67.1–80.7)
Franklin County, Ohio	156	71.2	4.0	(63.3–79.1)
Hamilton County, Ohio	185	70.3	3.7	(63.0–77.6)
Lucas County, Ohio	210	66.1	3.7	(58.9–73.3)
Mahoning County, Ohio	219	55.1	3.8	(47.6–62.6)
Montgomery County, Ohio	214	67.5	3.6	(60.5–74.5)
Stark County, Ohio	231	65.1	3.4	(58.3–71.9)
Summit County, Ohio	225	71.5	3.3	(65.0–78.0)
Canadian County, Oklahoma	58	NA	NA	NA
Cleveland County, Oklahoma	98	NA	NA	NA
Oklahoma County, Oklahoma	360	73.2	2.7	(68.0–78.4)
Tulsa County, Oklahoma	504	70.5	2.3	(65.9–75.1)
Clackamas County, Oregon	140	69.1	4.3	(60.7–77.5)
Multnomah County, Oregon	193	76.6	3.4	(70.0–83.2)
Washington County, Oregon	123	68.7	4.6	(59.6–77.8)
Allegheny County, Pennsylvania	241	77.3	3.1	(71.2–83.4)
Bucks County, Pennsylvania	94	NA	NA	NA
Delaware County, Pennsylvania	69	NA	NA	NA
Fayette County, Pennsylvania	258	71.4	3.6	(64.3–78.5)
Luzerne County, Pennsylvania	260	60.2	3.6	(53.1–67.3)
Montgomery County, Pennsylvania	113	70.2	4.8	(60.8–79.6)
Philadelphia County, Pennsylvania	150	61.2	4.5	(52.4–70.0)
Westmoreland County, Pennsylvania	88	NA	NA	NA
Kent County, Rhode Island	227	74.4	3.1	(68.2–80.6)
Newport County, Rhode Island	168	71.2	3.9	(63.6–78.8)
Providence County, Rhode Island	1,129	68.4	1.7	(65.1–71.7)
Washington County, Rhode Island	209	68.6	3.4	(62.0–75.2)
Aiken County, South Carolina	178	75.3	3.3	(68.8–81.8)
Beaufort County, South Carolina	317	69.0	2.9	(63.4–74.6)
Berkeley County, South Carolina	110	NA	NA	NA
Charleston County, South Carolina	229	64.8	4.5	(56.0–73.6)
Greenville County, South Carolina	169	70.1	4.9	(60.6–79.6)
Horry County, South Carolina	252	67.4	3.3	(60.9–73.9)
Richland County, South Carolina	222	77.2	4.1	(69.2–85.2)
Minnehaha County, South Dakota	186	61.3	3.8	(53.9–68.7)
Pennington County, South Dakota	249	70.7	3.2	(64.5–76.9)
Davidson County, Tennessee	134	68.8	4.4	(60.2–77.4)
Hamilton County, Tennessee	152	52.1	4.6	(43.0–61.2)
Shelby County, Tennessee	107	NA	NA	NA
Sullivan County, Tennessee	143	68.1	4.5	(59.3–76.9)
Bexar County, Texas	199	75.9	3.6	(68.9–82.9)
Dallas County, Texas	80	NA	NA	NA
El Paso County, Texas	199	60.1	3.8	(52.6–67.6)
Fort Bend County, Texas	120	69.4	4.5	(60.6–78.2)
Harris County, Texas	270	63.2	3.3	(56.8–69.6)
Hidalgo County, Texas	175	62.3	4.1	(54.4–70.2)
Lubbock County, Texas	184	69.5	3.7	(62.2–76.8)
Tarrant County, Texas	126	65.4	4.8	(55.9–74.9)
Travis County, Texas	201	75.2	4.9	(65.6–84.8)

See table footnotes on page 58.

**TABLE 15. (Continued)** Estimated proportion of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	157	74.2	4.4	(65.5–82.9)
Davis County, Utah	168	70.6	3.9	(63.0–78.2)
Salt Lake County, Utah	751	71.7	1.8	(68.1–75.3)
Summit County, Utah	84	NA	NA	NA
Tooele County, Utah	125	76.4	4.8	(67.0–85.8)
Utah County, Utah	231	71.4	3.3	(64.9–77.9)
Wasatch County, Utah	119	NA	NA	NA
Weber County, Utah	204	70.0	3.6	(62.9–77.1)
Chittenden County, Vermont	374	71.8	2.6	(66.8–76.8)
Franklin County, Vermont	110	58.8	5.1	(48.8–68.8)
Orange County, Vermont	90	NA	NA	NA
Rutland County, Vermont	205	72.8	3.5	(66.0–79.6)
Washington County, Vermont	198	71.7	3.6	(64.6–78.8)
Windsor County, Vermont	175	62.8	3.9	(55.1–70.5)
Benton County, Washington	128	78.0	3.9	(70.4–85.6)
Chelan County, Washington	97	NA	NA	NA
Clark County, Washington	315	78.1	2.7	(72.8–83.4)
Douglas County, Washington	105	73.6	4.8	(64.3–82.9)
King County, Washington	822	69.4	1.8	(65.9–72.9)
Kitsap County, Washington	287	70.6	2.9	(64.8–76.4)
Pierce County, Washington	477	71.5	2.3	(67.0–76.0)
Skamania County, Washington	61	NA	NA	NA
Snohomish County, Washington	460	72.1	2.3	(67.6–76.6)
Spokane County, Washington	368	64.0	2.8	(58.5–69.5)
Thurston County, Washington	233	69.5	3.4	(62.8–76.2)
Yakima County, Washington	253	71.1	3.1	(65.0–77.2)
Kanawha County, West Virginia	192	78.6	3.4	(71.8–85.4)
Milwaukee County, Wisconsin	147	NA	NA	NA
Fremont County, Wyoming	154	69.6	4.1	(61.6–77.6)
Laramie County, Wyoming	296	73.2	2.9	(67.6–78.8)
Natrona County, Wyoming	246	81.3	2.7	(76.0–86.6)
<i>Median</i>		69.9		
<i>Range</i>		41.9–82.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 16. Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,525	79.3	0.9	(77.6–81.0)
Alaska	2,309	71.3	1.6	(68.1–74.5)
Arizona	5,360	74.0	1.6	(70.9–77.1)
Arkansas	3,899	74.2	1.2	(71.8–76.6)
California	17,218	74.5	0.6	(73.4–75.6)
Colorado	11,515	76.0	0.7	(74.6–77.4)
Connecticut	6,299	82.7	0.9	(81.0–84.4)
Delaware	4,277	81.3	1.1	(79.1–83.5)
District of Columbia	3,776	85.3	0.9	(83.5–87.1)
Florida	11,708	83.2	0.8	(81.7–84.7)
Georgia	5,747	78.8	1.1	(76.7–80.9)
Hawaii	6,518	77.0	0.9	(75.3–78.7)
Idaho	5,232	69.4	1.0	(67.4–71.4)
Illinois	5,789	75.7	0.9	(73.9–77.5)
Indiana	9,025	75.8	0.8	(74.2–77.4)
Iowa	5,843	75.5	0.9	(73.7–77.3)
Kansas	18,302	75.0	0.5	(73.9–76.1)
Kentucky	9,412	78.3	0.9	(76.5–80.1)
Louisiana	8,580	77.2	0.8	(75.7–78.7)
Maine	7,894	82.6	0.7	(81.2–84.0)
Maryland	8,411	83.3	0.7	(81.9–84.7)
Massachusetts	16,206	84.0	0.7	(82.7–85.3)
Michigan	8,986	79.7	0.7	(78.3–81.1)
Minnesota	5,527	77.0	1.0	(75.0–79.0)
Mississippi	10,819	74.8	0.7	(73.3–76.3)
Missouri	4,915	73.6	1.1	(71.3–75.9)
Montana	7,404	72.0	1.0	(70.1–73.9)
Nebraska	15,589	73.9	0.9	(72.2–75.6)
Nevada	3,751	76.0	1.4	(73.3–78.7)
New Hampshire	5,842	82.8	0.9	(81.0–84.6)
New Jersey	12,116	82.3	0.7	(80.9–83.7)
New Mexico	8,557	72.0	0.9	(70.3–73.7)
New York	6,748	81.9	0.8	(80.3–83.5)
North Carolina	12,791	78.3	0.8	(76.6–80.0)
North Dakota	4,659	75.6	1.0	(73.6–77.6)
Ohio	9,535	77.5	0.8	(76.0–79.0)
Oklahoma	7,575	74.5	0.8	(73.0–76.0)
Oregon	4,161	73.9	1.1	(71.7–76.1)
Pennsylvania	8,937	78.7	0.8	(77.2–80.2)
Rhode Island	6,158	83.6	0.9	(81.9–85.3)
South Carolina	9,545	79.1	0.9	(77.4–80.8)
South Dakota	6,674	73.8	1.0	(71.8–75.8)
Tennessee	5,435	81.4	0.9	(79.6–83.2)
Texas	11,321	72.0	0.9	(70.2–73.8)
Utah	9,756	67.5	0.8	(65.9–69.1)
Vermont	6,469	78.0	0.8	(76.4–79.6)
Virginia	5,052	80.7	1.4	(78.0–83.4)
Washington	19,675	72.9	0.6	(71.8–74.0)
West Virginia	4,658	80.4	0.8	(78.8–82.0)
Wisconsin	4,508	76.9	1.2	(74.5–79.3)
Wyoming	5,914	75.5	1.0	(73.6–77.4)
Guam	1,224	70.0	1.8	(66.5–73.5)
Puerto Rico	4,128	83.7	0.8	(82.0–85.4)
Virgin Islands	2,412	76.6	1.3	(74.1–79.1)
<i>Median</i>		77.0		
<i>Range</i>		67.5–85.3		

**Abbreviations:** SE = standard error; CI = confidence interval.



**TABLE 17. Estimated proportion of adults aged ≥18 years who had blood cholesterol checked during the preceding 5 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	764	75.7	2.7	(70.4–81.0)
Albuquerque, New Mexico	2,534	74.4	1.6	(71.3–77.5)
Alexandria, Louisiana	508	80.1	2.4	(75.4–84.8)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	846	84.3	2.4	(79.7–88.9)
Anchorage, Alaska	488	75.8	2.5	(70.8–80.8)
Asheville, North Carolina	819	80.0	2.2	(75.8–84.2)
Atlanta–Sandy Springs–Marietta, Georgia	2,278	79.0	1.8	(75.5–82.5)
Atlantic City–Hammonton, New Jersey	917	82.4	2.0	(78.5–86.3)
Augusta–Richmond County, Georgia–South Carolina	853	81.5	2.6	(76.4–86.6)
Augusta–Waterville, Maine	636	83.7	2.6	(78.6–88.8)
Austin–Round Rock, Texas	1,575	76.4	2.7	(71.2–81.6)
Baltimore–Towson, Maryland	3,047	84.6	1.0	(82.6–86.6)
Bangor, Maine	725	80.2	2.4	(75.5–84.9)
Barre, Vermont	668	81.1	2.4	(76.4–85.8)
Baton Rouge, Louisiana	1,168	76.3	1.9	(72.6–80.0)
Bethesda–Frederick–Gaithersburg, Maryland*	1,587	84.2	1.5	(81.2–87.2)
Billings, Montana	606	76.4	2.6	(71.3–81.5)
Birmingham–Hoover, Alabama	1,119	80.4	1.8	(76.8–84.0)
Bismarck, North Dakota	729	78.7	2.2	(74.3–83.1)
Boise City–Nampa, Idaho	1,252	70.8	1.9	(67.0–74.6)
Boston–Quincy, Massachusetts*	3,294	84.5	1.3	(81.9–87.1)
Bozeman, Montana	572	71.4	3.3	(64.9–77.9)
Bremerton–Silverdale, Washington	911	77.2	2.2	(73.0–81.4)
Bridgeport–Stamford–Norwalk, Connecticut	1,885	84.9	1.6	(81.7–88.1)
Buffalo–Niagara Falls, New York	542	86.1	2.3	(81.7–90.5)
Burlington–South Burlington, Vermont	1,881	78.1	1.7	(74.8–81.4)
Butte–Silver Bow, Montana	558	71.7	3.2	(65.5–77.9)
Cambridge–Newton–Framingham, Massachusetts*	3,005	86.1	1.3	(83.5–88.7)
Camden, New Jersey*	1,654	83.8	1.5	(81.0–86.6)
Canton–Massillon, Ohio	706	76.5	2.5	(71.6–81.4)
Casper, Wyoming	747	76.3	2.4	(71.6–81.0)
Cedar Rapids, Iowa	576	81.9	2.6	(76.8–87.0)
Charleston, West Virginia	836	84.9	1.7	(81.7–88.1)
Charleston–North Charleston–Summerville, South Carolina	1,138	81.7	2.7	(76.4–87.0)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,809	80.1	1.7	(76.7–83.5)
Chattanooga, Tennessee–Georgia	583	80.0	2.9	(74.2–85.8)
Cheyenne, Wyoming	921	78.4	2.2	(74.1–82.7)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,551	76.9	1.1	(74.8–79.0)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,689	80.1	1.8	(76.5–83.7)
Cleveland–Elyria–Mentor, Ohio	1,076	82.2	1.8	(78.7–85.7)
Colorado Springs, Colorado	1,145	74.9	1.9	(71.1–78.7)
Columbia, South Carolina	1,163	78.7	2.6	(73.6–83.8)
Columbus, Ohio	1,363	73.1	2.1	(69.1–77.1)
Concord, New Hampshire	617	83.2	2.5	(78.4–88.0)
Dallas–Plano–Irving, Texas*	575	73.1	3.7	(65.9–80.3)
Davenport–Moline–Rock Island, Iowa–Illinois	510	78.5	3.2	(72.3–84.7)
Dayton, Ohio	799	78.2	2.2	(73.8–82.6)
Denver–Aurora, Colorado	4,708	78.9	1.0	(77.0–80.8)
Des Moines–West Des Moines, Iowa	1,028	78.2	2.0	(74.3–82.1)
Detroit–Livonia–Dearborn, Michigan*	2,021	81.3	1.6	(78.1–84.5)
Dover, Delaware	1,404	81.2	1.6	(78.1–84.3)
Durham, North Carolina	859	75.2	3.8	(67.8–82.6)
Edison–New Brunswick, New Jersey*	2,213	83.9	1.3	(81.3–86.5)
El Paso, Texas	898	62.6	2.3	(58.1–67.1)
Evansville, Indiana–Kentucky	569	80.1	2.7	(74.8–85.4)
Fargo, North Dakota–Minnesota	794	73.1	3.9	(65.5–80.7)
Farmington, New Mexico	884	66.8	2.5	(61.8–71.8)
Fayetteville, North Carolina	524	80.1	2.7	(74.8–85.4)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	642	72.4	3.0	(66.5–78.3)
Fort Collins–Loveland, Colorado	568	73.3	3.1	(67.2–79.4)
Fort Wayne, Indiana	587	72.3	2.5	(67.3–77.3)
Fort Worth–Arlington, Texas*	586	77.0	2.6	(72.0–82.0)
Gallup, New Mexico	558	66.3	2.8	(60.9–71.7)

See table footnotes on page 62.

**TABLE 17. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	807	70.8	2.5	(65.9–75.7)
Grand Rapids–Wyoming, Michigan	629	74.9	3.0	(69.1–80.7)
Greeley, Colorado	488	73.9	3.4	(67.2–80.6)
Greensboro–High Point, North Carolina	789	81.5	2.6	(76.3–86.7)
Greenville–Mauldin–Easley, South Carolina	843	76.5	2.9	(70.9–82.1)
Gulfport–Biloxi, Mississippi	927	77.6	2.9	(71.9–83.3)
Hagerstown–Martinsburg, Maryland–West Virginia	604	75.7	2.6	(70.7–80.7)
Hartford–West Hartford–East Hartford, Connecticut	1,996	84.6	1.4	(81.8–87.4)
Hastings, Nebraska	569	76.2	2.9	(70.4–82.0)
Heber, Utah	510	68.5	3.1	(62.4–74.6)
Hickory–Lenoir–Morganton, North Carolina	764	78.4	2.8	(72.9–83.9)
Hilo, Hawaii	1,451	74.2	1.7	(70.9–77.5)
Hilton Head Island–Beaufort, South Carolina	795	76.4	3.0	(70.5–82.3)
Honolulu, Hawaii	2,929	78.2	1.2	(75.9–80.5)
Houma–Bayou Cane–Thibodaux, Louisiana	518	75.9	3.1	(69.9–81.9)
Houston–Sugar Land–Baytown, Texas	2,124	72.6	1.8	(69.2–76.0)
Huntington–Ashland, West Virginia–Kentucky–Ohio	678	78.9	2.4	(74.1–83.7)
Idaho Falls, Idaho	490	66.2	3.1	(60.1–72.3)
Indianapolis–Carmel, Indiana	2,155	79.9	1.5	(77.0–82.8)
Jackson, Mississippi	1,179	78.0	1.8	(74.4–81.6)
Jacksonville, Florida	1,046	80.1	2.4	(75.4–84.8)
Kahului–Wailuku, Hawaii	1,502	72.6	2.0	(68.7–76.5)
Kalispell, Montana	537	69.0	3.0	(63.2–74.8)
Kansas City, Missouri–Kansas	6,069	79.1	1.3	(76.6–81.6)
Kapaa, Hawaii	636	77.2	2.7	(71.9–82.5)
Kennewick–Pasco–Richland, Washington	652	67.0	2.8	(61.5–72.5)
Kingsport–Bristol–Bristol, Tennessee–Virginia	504	84.9	3.0	(79.0–90.8)
Lake Charles, Louisiana	607	75.9	2.8	(70.5–81.3)
Las Cruces, New Mexico	705	68.6	2.8	(63.0–74.2)
Las Vegas–Paradise, Nevada	1,188	76.6	1.9	(72.9–80.3)
Lawrence, Kansas	584	71.4	3.5	(64.4–78.4)
Lebanon, New Hampshire–Vermont	1,478	78.1	1.7	(74.7–81.5)
Lewiston, Idaho–Washington	530	71.7	2.9	(65.9–77.5)
Lincoln, Nebraska	1,034	74.4	2.7	(69.1–79.7)
Little Rock–North Little Rock–Conway, Arkansas	818	81.9	2.2	(77.6–86.2)
Los Angeles–Long Beach–Glendale, California*	2,149	74.3	1.4	(71.5–77.1)
Louisville/Jefferson County, Kentucky–Indiana	2,250	78.7	2.3	(74.2–83.2)
Lubbock, Texas	506	76.2	3.2	(69.9–82.5)
Manchester–Nashua, New Hampshire	1,402	84.3	2.1	(80.1–88.5)
Manhattan, Kansas	582	64.7	3.2	(58.4–71.0)
McAllen–Edinburg–Mission, Texas	535	58.2	3.1	(52.0–64.4)
Memphis, Tennessee–Mississippi–Arkansas	1,502	81.8	2.1	(77.6–86.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	829	88.8	2.0	(84.9–92.7)
Milwaukee–Waukesha–West Allis, Wisconsin	840	77.3	3.0	(71.3–83.3)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,077	79.9	1.3	(77.4–82.4)
Minot, North Dakota	524	78.2	2.4	(73.6–82.8)
Mobile, Alabama	689	73.0	2.7	(67.7–78.3)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	668	79.6	2.7	(74.2–85.0)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	825	80.0	2.3	(75.4–84.6)
Nassau–Suffolk, New York*	925	86.0	1.8	(82.4–89.6)
Newark–Union, New Jersey–Pennsylvania*	3,297	83.3	1.2	(81.0–85.6)
New Haven–Milford, Connecticut	1,592	80.3	2.0	(76.4–84.2)
New Orleans–Metairie–Kenner, Louisiana	1,580	79.9	1.8	(76.4–83.4)
New York–White Plains–Wayne, New York–New Jersey*	4,333	83.2	1.0	(81.2–85.2)
Norfolk, Nebraska	614	73.2	2.8	(67.8–78.6)
North Platte, Nebraska	511	80.3	2.7	(75.1–85.5)
Oakland–Fremont–Hayward, California*	1,301	78.9	1.9	(75.3–82.5)
Ocean City, New Jersey	504	81.7	2.8	(76.1–87.3)
Ogden–Clearfield, Utah	1,557	71.7	1.7	(68.4–75.0)
Oklahoma City, Oklahoma	2,240	74.2	1.4	(71.4–77.0)
Olympia, Washington	793	75.0	2.3	(70.5–79.5)
Omaha–Council Bluffs, Nebraska–Iowa	2,275	73.9	1.8	(70.4–77.4)
Orlando–Kissimmee, Florida	892	79.4	2.7	(74.2–84.6)

See table footnotes on page 62.

**TABLE 17. (Continued) Estimated proportion of adults aged ≥18 years who had blood cholesterol checked during the preceding 5 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	680	80.3	2.7	(75.0–85.6)
Peabody, Massachusetts*	2,250	82.1	1.9	(78.5–85.7)
Philadelphia, Pennsylvania*	1,636	81.3	1.6	(78.2–84.4)
Phoenix–Mesa–Scottsdale, Arizona	1,552	74.8	2.0	(70.9–78.7)
Pittsburgh, Pennsylvania	2,134	78.8	1.8	(75.2–82.4)
Portland–South Portland–Biddeford, Maine	2,604	84.8	1.1	(82.6–87.0)
Portland–Vancouver–Beaverton, Oregon–Washington	2,993	75.6	1.5	(72.8–78.4)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,033	83.7	1.0	(81.8–85.6)
Provo–Orem, Utah	1,092	59.4	2.3	(54.9–63.9)
Raleigh–Cary, North Carolina	985	82.4	2.1	(78.3–86.5)
Rapid City, South Dakota	983	73.2	2.1	(69.2–77.2)
Reno–Sparks, Nevada	1,260	75.4	1.9	(71.6–79.2)
Richmond, Virginia	795	82.7	2.5	(77.7–87.7)
Riverside–San Bernardino–Ontario, California	2,020	73.3	1.5	(70.4–76.2)
Riverton, Wyoming	489	73.5	3.3	(67.1–79.9)
Rochester, New York	547	80.0	3.1	(74.0–86.0)
Rockingham County–Strafford County, New Hampshire*	1,592	84.7	1.7	(81.4–88.0)
Rutland, Vermont	693	79.0	2.2	(74.7–83.3)
Sacramento–Arden–Arcade–Roseville, California	1,257	74.3	2.0	(70.4–78.2)
St. Louis, Missouri–Illinois	1,592	72.8	2.1	(68.8–76.8)
Salt Lake City, Utah	4,157	71.0	1.1	(68.9–73.1)
San Antonio, Texas	791	74.1	2.8	(68.7–79.5)
San Diego–Carlsbad–San Marcos, California	1,689	76.3	1.6	(73.1–79.5)
San Francisco–San Mateo–Redwood City, California*	1,025	78.8	1.8	(75.2–82.4)
San Jose–Sunnyvale–Santa Clara, California	905	78.1	2.2	(73.7–82.5)
Santa Ana–Anaheim–Irvine, California*	1,510	79.8	1.5	(76.9–82.7)
Santa Fe, New Mexico	747	74.7	2.6	(69.6–79.8)
Scottsbluff, Nebraska	755	75.9	2.2	(71.6–80.2)
Scranton–Wilkes-Barre, Pennsylvania	915	82.8	2.4	(78.2–87.4)
Seaford, Delaware	1,437	82.8	1.8	(79.3–86.3)
Seattle–Bellevue–Everett, Washington*	4,739	75.6	1.0	(73.6–77.6)
Shreveport–Bossier City, Louisiana	665	77.5	2.5	(72.6–82.4)
Sioux City, Iowa–Nebraska–South Dakota	1,139	68.3	3.2	(62.0–74.6)
Sioux Falls, South Dakota	834	76.9	2.4	(72.2–81.6)
Spokane, Washington	1,214	68.0	2.2	(63.7–72.3)
Springfield, Massachusetts	2,013	79.8	2.0	(76.0–83.6)
Tacoma, Washington*	1,708	73.9	1.8	(70.4–77.4)
Tallahassee, Florida	569	80.1	4.1	(72.1–88.1)
Tampa–St. Petersburg–Clearwater, Florida	845	84.7	2.2	(80.5–88.9)
Toledo, Ohio	819	77.1	2.7	(71.8–82.4)
Topeka, Kansas	1,877	77.0	1.6	(73.9–80.1)
Trenton–Ewing, New Jersey	494	85.3	2.4	(80.7–89.9)
Tucson, Arizona	681	74.5	2.9	(68.8–80.2)
Tulsa, Oklahoma	2,223	76.9	1.4	(74.2–79.6)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,033	84.7	1.9	(80.9–88.5)
Warren–Troy–Farmington Hills, Michigan*	1,770	86.4	1.3	(83.8–89.0)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	5,962	81.5	2.0	(77.6–85.4)
Wenatchee, Washington	544	69.3	3.2	(63.0–75.6)
Wichita, Kansas	3,796	75.3	1.1	(73.1–77.5)
Wilmington, Delaware–Maryland–New Jersey*	1,851	82.5	1.3	(79.9–85.1)
Wilmington, North Carolina	493	78.6	3.4	(71.9–85.3)
Worcester, Massachusetts	2,004	85.9	1.7	(82.5–89.3)
Yakima, Washington	765	64.6	2.5	(59.7–69.5)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	861	80.1	2.6	(75.0–85.2)
<i>Median</i>		78.2		
<i>Range</i>		58.2–88.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 18. Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	582	79.3	2.4	(74.5–84.1)
Mobile County, Alabama	689	73.0	2.7	(67.7–78.3)
Anchorage Municipality, Alaska	358	75.2	3.1	(69.2–81.2)
Maricopa County, Arizona	1,179	74.7	2.1	(70.6–78.8)
Pima County, Arizona	681	74.5	2.9	(68.8–80.2)
Pinal County, Arizona	373	77.3	4.1	(69.2–85.4)
Benton County, Arkansas	319	79.3	3.5	(72.4–86.2)
Pulaski County, Arkansas	537	79.1	3.0	(73.2–85.0)
Washington County, Arkansas	278	69.1	4.8	(59.7–78.5)
Alameda County, California	728	78.5	2.6	(73.5–83.5)
Contra Costa County, California	573	80.4	2.5	(75.5–85.3)
Los Angeles County, California	2,149	74.3	1.4	(71.5–77.1)
Orange County, California	1,510	79.8	1.5	(76.9–82.7)
Riverside County, California	1,086	75.1	2.1	(70.9–79.3)
Sacramento County, California	758	76.2	2.3	(71.7–80.7)
San Bernardino County, California	934	71.8	2.1	(67.7–75.9)
San Diego County, California	1,689	76.3	1.6	(73.1–79.5)
San Francisco County, California	433	76.1	2.8	(70.6–81.6)
San Mateo County, California	388	83.3	2.7	(78.1–88.5)
Santa Clara County, California	881	78.2	2.2	(73.8–82.6)
Adams County, Colorado	836	70.4	2.2	(66.0–74.8)
Arapahoe County, Colorado	873	80.5	2.2	(76.2–84.8)
Denver County, Colorado	875	76.4	2.4	(71.8–81.0)
Douglas County, Colorado	555	84.5	2.3	(80.0–89.0)
El Paso County, Colorado	996	74.9	2.0	(71.0–78.8)
Jefferson County, Colorado	1,107	85.1	1.7	(81.8–88.4)
Larimer County, Colorado	568	73.3	3.1	(67.2–79.4)
Weld County, Colorado	488	73.9	3.4	(67.2–80.6)
Fairfield County, Connecticut	1,885	84.9	1.6	(81.7–88.1)
Hartford County, Connecticut	1,445	84.7	1.6	(81.5–87.9)
Middlesex County, Connecticut	260	85.0	3.6	(77.9–92.1)
New Haven County, Connecticut	1,592	80.3	2.0	(76.4–84.2)
Tolland County, Connecticut	291	86.5	2.9	(80.8–92.2)
Kent County, Delaware	1,404	81.2	1.6	(78.1–84.3)
New Castle County, Delaware	1,436	81.0	1.7	(77.7–84.3)
Sussex County, Delaware	1,437	82.8	1.8	(79.3–86.3)
District of Columbia	3,776	84.6	1.0	(82.6–86.6)
Broward County, Florida	266	88.6	3.8	(81.1–96.1)
Duval County, Florida	489	82.7	2.8	(77.2–88.2)
Hillsborough County, Florida	278	86.0	2.8	(80.5–91.5)
Miami–Dade County, Florida	275	88.8	2.5	(83.8–93.8)
Orange County, Florida	293	78.7	4.1	(70.6–86.8)
Osceola County, Florida	280	78.8	3.6	(71.8–85.8)
Palm Beach County, Florida	288	89.5	2.7	(84.2–94.8)
Pinellas County, Florida	267	89.3	2.5	(84.4–94.2)
Clayton County, Georgia	251	81.9	4.0	(74.0–89.8)
Cobb County, Georgia	280	83.9	3.3	(77.5–90.3)
DeKalb County, Georgia	301	85.7	3.3	(79.2–92.2)
Fulton County, Georgia	324	84.7	3.4	(78.1–91.3)
Hawaii County, Hawaii	1,451	74.2	1.7	(70.9–77.5)
Honolulu County, Hawaii	2,929	78.2	1.2	(75.9–80.5)
Kauai County, Hawaii	636	77.2	2.7	(71.9–82.5)
Maui County, Hawaii	1,502	72.6	2.0	(68.7–76.5)
Ada County, Idaho	668	74.7	2.4	(70.0–79.4)
Bonneville County, Idaho	381	68.0	3.6	(61.0–75.0)
Canyon County, Idaho	446	64.8	3.2	(58.4–71.2)
Nez Perce County, Idaho	299	71.2	3.8	(63.8–78.6)
Cook County, Illinois	1,881	77.2	1.5	(74.3–80.1)
DuPage County, Illinois	389	79.1	3.0	(73.2–85.0)
Lake County, Illinois	297	86.7	2.5	(81.8–91.6)
Will County, Illinois	295	73.0	4.0	(65.2–80.8)
Allen County, Indiana	491	73.2	2.7	(67.8–78.6)
Lake County, Indiana	968	74.0	3.1	(68.0–80.0)

See table footnotes on page 67.

**TABLE 18. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,463	77.0	2.0	(73.2–80.8)
Vanderburgh County, Indiana	248	81.5	3.7	(74.2–88.8)
Linn County, Iowa	503	83.2	2.7	(77.9–88.5)
Polk County, Iowa	790	78.3	2.2	(74.0–82.6)
Scott County, Iowa	360	78.1	3.1	(72.1–84.1)
Butler County, Kansas	425	78.2	2.8	(72.7–83.7)
Douglas County, Kansas	584	71.4	3.5	(64.4–78.4)
Johnson County, Kansas	3,155	83.1	1.1	(80.9–85.3)
Leavenworth County, Kansas	455	75.1	3.4	(68.5–81.7)
Riley County, Kansas	275	68.6	5.1	(58.5–78.7)
Sedgwick County, Kansas	2,946	76.1	1.2	(73.7–78.5)
Shawnee County, Kansas	1,359	78.3	1.8	(74.9–81.7)
Wyandotte County, Kansas	1,054	72.0	2.2	(67.7–76.3)
Jefferson County, Kentucky	1,753	79.0	3.2	(72.7–85.3)
Caddo Parish, Louisiana	428	75.6	3.3	(69.2–82.0)
Calcasieu Parish, Louisiana	591	75.5	2.8	(69.9–81.1)
East Baton Rouge Parish, Louisiana	691	75.0	2.4	(70.3–79.7)
Jefferson Parish, Louisiana	553	81.1	2.5	(76.3–85.9)
Orleans Parish, Louisiana	368	76.0	3.8	(68.6–83.4)
Rapides Parish, Louisiana	441	80.9	2.6	(75.8–86.0)
St. Tammany Parish, Louisiana	415	83.4	2.8	(77.8–89.0)
Terrebonne Parish, Louisiana	288	73.4	4.1	(65.3–81.5)
Cumberland County, Maine	1,326	86.4	1.5	(83.4–89.4)
Kennebec County, Maine	636	83.7	2.6	(78.6–88.8)
Penobscot County, Maine	725	80.2	2.4	(75.5–84.9)
Sagadahoc County, Maine	334	82.2	2.7	(77.0–87.4)
York County, Maine	944	84.0	1.9	(80.3–87.7)
Anne Arundel County, Maryland	544	86.0	2.2	(81.7–90.3)
Baltimore County, Maryland	968	86.8	1.6	(83.6–90.0)
Cecil County, Maryland	244	82.7	3.0	(76.8–88.6)
Charles County, Maryland	311	87.0	2.6	(81.9–92.1)
Frederick County, Maryland	539	80.0	2.7	(74.7–85.3)
Harford County, Maryland	256	80.5	3.6	(73.5–87.5)
Howard County, Maryland	337	87.1	2.4	(82.4–91.8)
Montgomery County, Maryland	1,048	85.5	1.7	(82.2–88.8)
Prince George's County, Maryland	628	82.0	2.3	(77.5–86.5)
Queen Anne's County, Maryland	261	85.8	3.1	(79.7–91.9)
Washington County, Maryland	353	76.3	3.5	(69.5–83.1)
Baltimore City, Maryland	499	83.3	2.5	(78.5–88.1)
Bristol County, Massachusetts	2,875	84.3	2.1	(80.2–88.4)
Essex County, Massachusetts	2,250	83.0	1.9	(79.3–86.7)
Hampden County, Massachusetts	1,550	81.2	2.2	(76.9–85.5)
Hampshire County, Massachusetts	282	81.6	3.6	(74.5–88.7)
Middlesex County, Massachusetts	3,005	86.1	1.3	(83.5–88.7)
Norfolk County, Massachusetts	920	90.8	1.6	(87.6–94.0)
Plymouth County, Massachusetts	644	86.1	2.1	(82.0–90.2)
Suffolk County, Massachusetts	1,730	77.1	2.4	(72.5–81.7)
Worcester County, Massachusetts	2,004	85.9	1.7	(82.5–89.3)
Kent County, Michigan	453	78.1	3.4	(71.5–84.7)
Macomb County, Michigan	517	83.7	2.7	(78.5–88.9)
Oakland County, Michigan	923	88.5	1.7	(85.1–91.9)
Wayne County, Michigan	2,021	81.3	1.6	(78.1–84.5)
Anoka County, Minnesota	290	83.2	2.9	(77.5–88.9)
Dakota County, Minnesota	376	84.8	2.6	(79.7–89.9)
Hennepin County, Minnesota	1,120	79.6	2.0	(75.6–83.6)
Ramsey County, Minnesota	523	83.0	2.5	(78.1–87.9)
DeSoto County, Mississippi	618	78.1	3.2	(71.8–84.4)
George County, Mississippi	362	67.7	3.6	(60.6–74.8)
Hancock County, Mississippi	328	76.7	4.0	(69.0–84.4)
Harrison County, Mississippi	282	81.6	3.8	(74.1–89.1)
Hinds County, Mississippi	499	78.2	2.7	(72.8–83.6)
Jackson County, Mississippi	318	82.7	3.2	(76.5–88.9)
Rankin County, Mississippi	325	80.7	3.3	(74.3–87.1)

See table footnotes on page 67.



**TABLE 18. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	317	70.5	3.7	(63.2–77.8)
Jackson County, Missouri	480	82.7	2.3	(78.2–87.2)
St. Louis County, Missouri	472	76.9	3.6	(69.8–84.0)
St. Louis City, Missouri	471	75.0	4.4	(66.4–83.6)
Flathead County, Montana	537	69.0	3.0	(63.2–74.8)
Gallatin County, Montana	572	71.4	3.3	(64.9–77.9)
Silver Bow County, Montana	558	71.7	3.2	(65.5–77.9)
Yellowstone County, Montana	557	76.4	2.7	(71.2–81.6)
Adams County, Nebraska	435	80.4	3.0	(74.5–86.3)
Dakota County, Nebraska	701	60.4	2.5	(55.5–65.3)
Douglas County, Nebraska	898	74.1	2.3	(69.5–78.7)
Hall County, Nebraska	582	68.7	2.9	(62.9–74.5)
Lancaster County, Nebraska	764	73.8	2.9	(68.0–79.6)
Lincoln County, Nebraska	482	81.1	2.8	(75.7–86.5)
Madison County, Nebraska	408	71.3	3.4	(64.6–78.0)
Sarpy County, Nebraska	574	73.8	3.2	(67.6–80.0)
Scotts Bluff County, Nebraska	739	75.9	2.2	(71.5–80.3)
Seward County, Nebraska	270	81.6	3.2	(75.3–87.9)
Clark County, Nevada	1,188	76.6	1.9	(72.9–80.3)
Washoe County, Nevada	1,231	75.6	1.9	(71.8–79.4)
Grafton County, New Hampshire	497	76.4	3.4	(69.8–83.0)
Hillsborough County, New Hampshire	1,402	84.3	2.1	(80.1–88.5)
Merrimack County, New Hampshire	617	83.2	2.5	(78.4–88.0)
Rockingham County, New Hampshire	981	86.2	1.9	(82.6–89.8)
Strafford County, New Hampshire	611	83.2	2.6	(78.0–88.4)
Atlantic County, New Jersey	917	82.4	2.0	(78.5–86.3)
Bergen County, New Jersey	622	87.4	2.3	(83.0–91.8)
Burlington County, New Jersey	547	87.3	2.4	(82.6–92.0)
Camden County, New Jersey	608	80.5	2.7	(75.2–85.8)
Cape May County, New Jersey	504	81.7	2.8	(76.1–87.3)
Essex County, New Jersey	1,037	80.3	2.0	(76.3–84.3)
Gloucester County, New Jersey	499	82.6	2.5	(77.8–87.4)
Hudson County, New Jersey	990	80.6	1.7	(77.2–84.0)
Hunterdon County, New Jersey	530	87.4	2.2	(83.0–91.8)
Mercer County, New Jersey	494	85.3	2.4	(80.7–89.9)
Middlesex County, New Jersey	609	83.5	2.7	(78.1–88.9)
Monmouth County, New Jersey	539	86.4	1.9	(82.6–90.2)
Morris County, New Jersey	703	86.3	2.4	(81.6–91.0)
Ocean County, New Jersey	515	80.2	2.6	(75.1–85.3)
Passaic County, New Jersey	486	77.5	2.7	(72.1–82.9)
Somerset County, New Jersey	550	89.9	1.7	(86.5–93.3)
Sussex County, New Jersey	476	85.9	2.5	(80.9–90.9)
Union County, New Jersey	515	86.2	1.9	(82.4–90.0)
Warren County, New Jersey	470	82.2	2.5	(77.2–87.2)
Bernalillo County, New Mexico	1,426	75.8	2.0	(71.8–79.8)
Dona Ana County, New Mexico	705	68.6	2.8	(63.0–74.2)
McKinley County, New Mexico	558	66.3	2.8	(60.9–71.7)
Sandoval County, New Mexico	633	76.8	2.8	(71.3–82.3)
San Juan County, New Mexico	884	66.8	2.5	(61.8–71.8)
Santa Fe County, New Mexico	747	74.7	2.6	(69.6–79.8)
Valencia County, New Mexico	385	64.4	3.6	(57.4–71.4)
Erie County, New York	442	87.6	2.4	(82.9–92.3)
Kings County, New York	441	82.5	2.5	(77.6–87.4)
Monroe County, New York	367	79.6	3.4	(73.0–86.2)
Nassau County, New York	434	87.6	2.3	(83.0–92.2)
New York County, New York	512	82.9	2.7	(77.7–88.1)
Queens County, New York	475	85.8	2.2	(81.6–90.0)
Suffolk County, New York	491	85.5	2.5	(80.7–90.3)
Westchester County, New York	334	92.4	1.9	(88.7–96.1)
Buncombe County, North Carolina	388	81.3	2.7	(75.9–86.7)
Cabarrus County, North Carolina	337	78.9	3.0	(73.1–84.7)
Catawba County, North Carolina	357	80.0	3.7	(72.7–87.3)
Cumberland County, North Carolina	367	79.9	3.1	(73.9–85.9)

See table footnotes on page 67.

**TABLE 18. (Continued) Estimated proportion of adults aged ≥18 years who had blood cholesterol checked during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	402	77.2	3.6	(70.1–84.3)
Gaston County, North Carolina	343	82.8	2.6	(77.6–88.0)
Guilford County, North Carolina	405	84.3	3.5	(77.4–91.2)
Henderson County, North Carolina	250	83.7	3.4	(77.1–90.3)
Johnston County, North Carolina	360	75.9	3.8	(68.4–83.4)
Mecklenburg County, North Carolina	592	80.0	2.6	(75.0–85.0)
New Hanover County, North Carolina	403	77.0	3.6	(70.0–84.0)
Orange County, North Carolina	355	82.4	3.3	(76.0–88.8)
Randolph County, North Carolina	344	77.3	3.0	(71.4–83.2)
Union County, North Carolina	354	83.4	3.3	(76.9–89.9)
Wake County, North Carolina	588	84.8	2.4	(80.0–89.6)
Burleigh County, North Dakota	558	79.1	2.7	(73.8–84.4)
Cass County, North Dakota	735	76.7	2.6	(71.7–81.7)
Ward County, North Dakota	452	78.1	2.7	(72.9–83.3)
Cuyahoga County, Ohio	675	80.3	2.4	(75.7–84.9)
Franklin County, Ohio	650	73.5	2.6	(68.3–78.7)
Hamilton County, Ohio	680	80.8	2.2	(76.6–85.0)
Lucas County, Ohio	666	76.9	2.6	(71.8–82.0)
Mahoning County, Ohio	666	81.3	2.3	(76.8–85.8)
Montgomery County, Ohio	664	79.0	2.2	(74.7–83.3)
Stark County, Ohio	673	76.9	2.5	(72.0–81.8)
Summit County, Ohio	667	78.4	2.6	(73.3–83.5)
Canadian County, Oklahoma	262	78.1	3.3	(71.6–84.6)
Cleveland County, Oklahoma	419	72.3	3.3	(65.8–78.8)
Oklahoma County, Oklahoma	1,184	75.4	1.8	(71.9–78.9)
Tulsa County, Oklahoma	1,521	77.6	1.5	(74.7–80.5)
Clackamas County, Oregon	421	77.1	3.0	(71.3–82.9)
Multnomah County, Oregon	629	75.6	2.8	(70.1–81.1)
Washington County, Oregon	430	74.9	3.6	(67.9–81.9)
Allegheny County, Pennsylvania	699	79.0	2.4	(74.3–83.7)
Bucks County, Pennsylvania	298	79.9	3.2	(73.6–86.2)
Delaware County, Pennsylvania	256	84.0	3.3	(77.5–90.5)
Fayette County, Pennsylvania	794	78.9	2.4	(74.1–83.7)
Luzerne County, Pennsylvania	764	81.9	2.3	(77.4–86.4)
Montgomery County, Pennsylvania	380	86.2	2.4	(81.4–91.0)
Philadelphia County, Pennsylvania	479	78.9	3.0	(72.9–84.9)
Westmoreland County, Pennsylvania	245	82.6	3.2	(76.4–88.8)
Kent County, Rhode Island	835	82.6	1.8	(79.0–86.2)
Newport County, Rhode Island	465	90.5	2.1	(86.3–94.7)
Providence County, Rhode Island	3,926	84.1	1.1	(81.9–86.3)
Washington County, Rhode Island	688	83.3	2.3	(78.8–87.8)
Aiken County, South Carolina	448	85.7	2.7	(80.5–90.9)
Beaufort County, South Carolina	679	76.5	3.2	(70.1–82.9)
Berkeley County, South Carolina	341	88.8	3.3	(82.3–95.3)
Charleston County, South Carolina	663	77.8	4.2	(69.6–86.0)
Greenville County, South Carolina	532	78.1	3.4	(71.5–84.7)
Horry County, South Carolina	668	79.6	2.7	(74.2–85.0)
Richland County, South Carolina	720	76.6	3.6	(69.5–83.7)
Minnehaha County, South Dakota	595	77.1	2.9	(71.4–82.8)
Pennington County, South Dakota	776	73.5	2.3	(68.9–78.1)
Davidson County, Tennessee	426	76.8	3.2	(70.6–83.0)
Hamilton County, Tennessee	427	82.9	2.9	(77.3–88.5)
Shelby County, Tennessee	370	84.8	2.6	(79.7–89.9)
Sullivan County, Tennessee	355	80.4	3.6	(73.4–87.4)
Bexar County, Texas	652	75.8	2.7	(70.5–81.1)
Dallas County, Texas	303	69.3	4.4	(60.7–77.9)
El Paso County, Texas	898	62.6	2.3	(58.1–67.1)
Fort Bend County, Texas	687	80.5	2.5	(75.6–85.4)
Harris County, Texas	1,125	70.0	2.1	(65.8–74.2)
Hidalgo County, Texas	535	58.2	3.1	(52.0–64.4)
Lubbock County, Texas	492	76.2	3.3	(69.8–82.6)
Tarrant County, Texas	476	77.1	2.9	(71.4–82.8)
Travis County, Texas	904	77.6	2.7	(72.3–82.9)

See table footnotes on page 67.

**TABLE 18. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who had blood cholesterol checked during the preceding 5 years, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	590	80.1	3.1	(74.1–86.1)
Davis County, Utah	780	72.5	2.2	(68.2–76.8)
Salt Lake County, Utah	3,194	71.2	1.2	(68.9–73.5)
Summit County, Utah	481	69.9	3.1	(63.8–76.0)
Tooele County, Utah	482	67.4	3.1	(61.3–73.5)
Utah County, Utah	1,036	59.4	2.4	(54.8–64.0)
Wasatch County, Utah	510	68.5	3.1	(62.4–74.6)
Weber County, Utah	744	72.0	2.4	(67.4–76.6)
Chittenden County, Vermont	1,368	78.6	1.9	(74.9–82.3)
Franklin County, Vermont	435	79.0	2.7	(73.8–84.2)
Orange County, Vermont	351	77.1	3.0	(71.2–83.0)
Rutland County, Vermont	693	79.0	2.2	(74.7–83.3)
Washington County, Vermont	668	81.1	2.4	(76.4–85.8)
Windsor County, Vermont	630	81.3	2.1	(77.1–85.5)
Benton County, Washington	412	71.9	3.3	(65.4–78.4)
Chelan County, Washington	285	68.7	3.7	(61.5–75.9)
Clark County, Washington	1,106	74.9	2.3	(70.4–79.4)
Douglas County, Washington	259	NA*	NA	NA
King County, Washington	3,111	76.7	1.2	(74.3–79.1)
Kitsap County, Washington	911	77.2	2.2	(73.0–81.4)
Pierce County, Washington	1,708	73.3	1.9	(69.6–77.0)
Skamania County, Washington	242	79.5	3.2	(73.2–85.8)
Snohomish County, Washington	1,628	75.9	1.7	(72.6–79.2)
Spokane County, Washington	1,214	68.0	2.2	(63.7–72.3)
Thurston County, Washington	793	75.0	2.3	(70.5–79.5)
Yakima County, Washington	765	64.6	2.5	(59.7–69.5)
Kanawha County, West Virginia	538	86.2	2.1	(82.1–90.3)
Milwaukee County, Wisconsin	623	77.1	3.4	(70.4–83.8)
Fremont County, Wyoming	489	73.5	3.3	(67.1–79.9)
Laramie County, Wyoming	921	78.4	2.2	(74.1–82.7)
Natrona County, Wyoming	747	76.3	2.4	(71.6–81.0)
<i>Median</i>		79.0		
<i>Range</i>		58.2–92.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 19. Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,547	20.3	0.8	(18.8–21.8)
Alaska	2,333	23.4	1.4	(20.6–26.2)
Arizona	5,299	24.1	1.2	(21.8–26.4)
Arkansas	3,823	20.4	1.0	(18.5–22.3)
California	15,399	27.7	0.5	(26.7–28.7)
Colorado	10,910	24.8	0.6	(23.6–26.0)
Connecticut	6,286	28.3	0.9	(26.6–30.0)
Delaware	3,975	25.0	1.0	(23.0–27.0)
District of Columbia	3,728	31.5	1.0	(29.5–33.5)
Florida	11,464	24.4	0.8	(22.9–25.9)
Georgia	5,619	24.5	0.9	(22.7–26.3)
Hawaii	6,472	23.5	0.7	(22.1–24.9)
Idaho	5,187	24.6	0.9	(22.9–26.3)
Illinois	5,682	22.5	0.7	(21.0–24.0)
Indiana	8,813	20.6	0.7	(19.3–21.9)
Iowa	5,820	18.5	0.7	(17.2–19.8)
Kansas	18,597	18.6	0.4	(17.9–19.3)
Kentucky	9,277	21.1	0.8	(19.5–22.7)
Louisiana	8,707	16.9	0.6	(15.7–18.1)
Maine	7,895	28.0	0.7	(26.7–29.3)
Maryland	8,316	27.6	0.8	(26.1–29.1)
Massachusetts	15,489	26.2	0.6	(25.0–27.4)
Michigan	8,976	22.6	0.6	(21.3–23.9)
Minnesota	5,581	21.9	0.8	(20.4–23.4)
Mississippi	10,838	16.8	0.6	(15.7–17.9)
Missouri	4,791	19.9	0.9	(18.2–21.6)
Montana	7,371	25.7	0.8	(24.2–27.2)
Nebraska	15,393	20.9	0.7	(19.6–22.2)
Nevada	3,699	23.7	1.3	(21.1–26.3)
New Hampshire	5,848	27.9	0.9	(26.1–29.7)
New Jersey	11,765	26.4	0.6	(25.2–27.6)
New Mexico	8,461	23.2	0.7	(21.9–24.5)
New York	6,581	26.8	0.8	(25.3–28.3)
North Carolina	12,867	20.6	0.6	(19.4–21.8)
North Dakota	4,609	22.5	0.8	(20.8–24.2)
Ohio	9,495	21.0	0.6	(19.8–22.2)
Oklahoma	7,671	14.6	0.5	(13.5–15.7)
Oregon	4,098	26.3	0.9	(24.4–28.2)
Pennsylvania	8,866	24.1	0.7	(22.8–25.4)
Rhode Island	6,147	26.1	0.8	(24.5–27.7)
South Carolina	9,534	17.4	0.6	(16.1–18.7)
South Dakota	6,609	15.7	0.6	(14.5–16.9)
Tennessee	5,251	23.3	0.9	(21.6–25.0)
Texas	11,170	23.8	0.7	(22.4–25.2)
Utah	9,909	23.3	0.6	(22.0–24.6)
Vermont	6,497	29.3	0.7	(27.9–30.7)
Virginia	4,934	27.3	1.0	(25.3–29.3)
Washington	19,942	25.1	0.5	(24.2–26.0)
West Virginia	4,781	16.2	0.6	(14.9–17.5)
Wisconsin	4,274	22.7	1.0	(20.8–24.6)
Wyoming	5,863	23.3	0.8	(21.8–24.8)
Guam	1,248	24.3	1.5	(21.4–27.2)
Puerto Rico	4,195	17.7	0.8	(16.2–19.2)
Virgin Islands	2,424	28.6	1.2	(26.3–30.9)
<i>Median</i>		23.5		
<i>Range</i>		14.6–31.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 20. Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	757	22.3	2.2	(18.0–26.6)
Albuquerque, New Mexico	2,500	23.4	1.2	(21.0–25.8)
Alexandria, Louisiana	518	14.0	1.8	(10.4–17.6)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	839	22.0	2.1	(17.8–26.2)
Anchorage, Alaska	492	24.1	2.2	(19.7–28.5)
Asheville, North Carolina	834	28.7	2.0	(24.8–32.6)
Atlanta–Sandy Springs–Marietta, Georgia	2,239	25.9	1.5	(23.0–28.8)
Atlantic City–Hammonton, New Jersey	883	29.1	2.1	(24.9–33.3)
Augusta–Richmond County, Georgia–South Carolina	848	22.0	2.3	(17.5–26.5)
Augusta–Waterville, Maine	645	25.4	2.2	(21.1–29.7)
Austin–Round Rock, Texas	1,564	27.7	2.2	(23.5–31.9)
Baltimore–Towson, Maryland	3,014	26.7	1.1	(24.6–28.8)
Bangor, Maine	723	20.4	1.8	(16.9–23.9)
Barre, Vermont	678	29.8	2.1	(25.6–34.0)
Baton Rouge, Louisiana	1,188	17.9	1.5	(15.0–20.8)
Bethesda–Frederick–Gaithersburg, Maryland*	1,579	30.1	1.6	(26.9–33.3)
Billings, Montana	603	27.1	2.3	(22.6–31.6)
Birmingham–Hoover, Alabama	1,125	19.8	1.6	(16.6–23.0)
Bismarck, North Dakota	714	20.8	2.0	(17.0–24.6)
Boise City–Nampa, Idaho	1,231	26.7	1.7	(23.4–30.0)
Boston–Quincy, Massachusetts*	3,142	25.3	1.2	(22.9–27.7)
Bozeman, Montana	575	31.0	2.8	(25.6–36.4)
Bremerton–Silverdale, Washington	925	29.6	2.0	(25.8–33.4)
Bridgeport–Stamford–Norwalk, Connecticut	1,874	30.2	1.7	(26.8–33.6)
Buffalo–Niagara Falls, New York	526	28.6	2.8	(23.2–34.0)
Burlington–South Burlington, Vermont	1,887	27.1	1.3	(24.5–29.7)
Butte–Silver Bow, Montana	558	19.8	2.3	(15.4–24.2)
Cambridge–Newton–Framingham, Massachusetts*	2,860	27.2	1.3	(24.6–29.8)
Camden, New Jersey*	1,618	24.5	1.4	(21.8–27.2)
Canton–Massillon, Ohio	703	19.6	1.9	(15.8–23.4)
Casper, Wyoming	749	21.2	2.0	(17.3–25.1)
Cedar Rapids, Iowa	572	18.4	2.1	(14.3–22.5)
Charleston, West Virginia	851	17.7	1.7	(14.4–21.0)
Charleston–North Charleston–Summerville, South Carolina	1,160	19.1	1.9	(15.4–22.8)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,810	20.7	1.3	(18.2–23.2)
Chattanooga, Tennessee–Georgia	562	25.1	3.4	(18.5–31.7)
Cheyenne, Wyoming	909	23.8	1.8	(20.2–27.4)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,407	23.4	0.9	(21.6–25.2)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,660	22.4	1.6	(19.3–25.5)
Cleveland–Elyria–Mentor, Ohio	1,071	22.5	1.6	(19.4–25.6)
Colorado Springs, Colorado	1,082	24.7	1.7	(21.4–28.0)
Columbia, South Carolina	1,150	19.4	2.0	(15.6–23.2)
Columbus, Ohio	1,351	23.1	1.6	(20.0–26.2)
Concord, New Hampshire	621	33.0	2.6	(27.8–38.2)
Dallas–Plano–Irving, Texas*	569	24.7	3.4	(18.0–31.4)
Davenport–Moline–Rock Island, Iowa–Illinois	506	19.4	3.0	(13.5–25.3)
Dayton, Ohio	794	19.5	1.9	(15.8–23.2)
Denver–Aurora, Colorado	4,470	24.3	0.9	(22.6–26.0)
Des Moines–West Des Moines, Iowa	1,021	19.3	1.5	(16.5–22.1)
Detroit–Livonia–Dearborn, Michigan*	1,986	24.9	1.6	(21.8–28.0)
Dover, Delaware	1,307	23.1	1.5	(20.2–26.0)
Durham, North Carolina	872	24.1	2.4	(19.4–28.8)
Edison–New Brunswick, New Jersey*	2,143	25.3	1.2	(22.9–27.7)
El Paso, Texas	882	23.7	1.9	(20.0–27.4)
Evansville, Indiana–Kentucky	557	20.5	2.6	(15.5–25.5)
Fargo, North Dakota–Minnesota	788	26.1	3.6	(19.1–33.1)
Farmington, New Mexico	857	23.7	2.1	(19.6–27.8)
Fayetteville, North Carolina	521	24.4	3.1	(18.3–30.5)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	645	22.4	2.9	(16.8–28.0)
Fort Collins–Loveland, Colorado	535	23.8	2.5	(18.9–28.7)
Fort Wayne, Indiana	579	20.8	2.0	(16.9–24.7)
Fort Worth–Arlington, Texas*	578	24.3	2.3	(19.9–28.7)
Gallup, New Mexico	548	27.1	2.3	(22.6–31.6)

See table footnotes on page 71.



**TABLE 20. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	797	19.1	1.8	(15.6–22.6)
Grand Rapids–Wyoming, Michigan	635	21.8	2.4	(17.1–26.5)
Greeley, Colorado	462	26.0	2.9	(20.3–31.7)
Greensboro–High Point, North Carolina	796	20.4	1.9	(16.7–24.1)
Greenville–Mauldin–Easley, South Carolina	848	17.3	1.9	(13.7–20.9)
Gulfport–Biloxi, Mississippi	934	18.1	2.6	(13.0–23.2)
Hagerstown–Martinsburg, Maryland–West Virginia	602	18.4	1.9	(14.8–22.0)
Hartford–West Hartford–East Hartford, Connecticut	1,995	29.7	1.6	(26.6–32.8)
Hastings, Nebraska	555	22.5	2.2	(18.2–26.8)
Heber, Utah	520	26.9	3.4	(20.3–33.5)
Hickory–Lenoir–Morganton, North Carolina	774	19.2	1.9	(15.5–22.9)
Hilo, Hawaii	1,449	24.8	1.4	(22.1–27.5)
Hilton Head Island–Beaufort, South Carolina	777	21.8	2.3	(17.2–26.4)
Honolulu, Hawaii	2,914	22.1	1.0	(20.2–24.0)
Houma–Bayou Cane–Thibodaux, Louisiana	525	17.1	2.2	(12.8–21.4)
Houston–Sugar Land–Baytown, Texas	2,072	22.4	1.4	(19.7–25.1)
Huntington–Ashland, West Virginia–Kentucky–Ohio	684	18.2	2.1	(14.1–22.3)
Idaho Falls, Idaho	486	23.5	2.7	(18.3–28.7)
Indianapolis–Carmel, Indiana	2,086	22.4	1.4	(19.6–25.2)
Jackson, Mississippi	1,176	20.7	1.5	(17.7–23.7)
Jacksonville, Florida	1,037	20.5	1.8	(17.0–24.0)
Kahului–Wailuku, Hawaii	1,481	28.5	1.6	(25.4–31.6)
Kalispell, Montana	527	29.6	2.6	(24.5–34.7)
Kansas City, Missouri–Kansas	6,080	18.7	1.0	(16.8–20.6)
Kapaa, Hawaii	628	28.7	2.3	(24.2–33.2)
Kennewick–Pasco–Richland, Washington	652	21.6	2.1	(17.6–25.6)
Kingsport–Bristol–Bristol, Tennessee–Virginia	487	21.3	2.8	(15.7–26.9)
Lake Charles, Louisiana	610	15.6	1.9	(12.0–19.2)
Las Cruces, New Mexico	712	19.8	2.1	(15.6–24.0)
Las Vegas–Paradise, Nevada	1,167	23.9	1.8	(20.4–27.4)
Lawrence, Kansas	600	18.0	2.2	(13.7–22.3)
Lebanon, New Hampshire–Vermont	1,476	29.5	1.5	(26.5–32.5)
Lewiston, Idaho–Washington	527	20.5	2.4	(15.9–25.1)
Lincoln, Nebraska	1,033	20.9	2.0	(17.0–24.8)
Little Rock–North Little Rock–Conway, Arkansas	804	21.7	2.0	(17.7–25.7)
Los Angeles–Long Beach–Glendale, California*	1,892	26.5	1.3	(24.0–29.0)
Louisville/Jefferson County, Kentucky–Indiana	2,222	24.6	2.0	(20.8–28.4)
Lubbock, Texas	506	27.4	2.9	(21.7–33.1)
Manchester–Nashua, New Hampshire	1,395	25.7	2.0	(21.8–29.6)
Manhattan, Kansas	590	21.0	2.4	(16.2–25.8)
McAllen–Edinburg–Mission, Texas	513	19.7	2.4	(15.0–24.4)
Memphis, Tennessee–Mississippi–Arkansas	1,466	20.3	1.9	(16.6–24.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	787	24.3	2.2	(19.9–28.7)
Milwaukee–Waukesha–West Allis, Wisconsin	778	22.9	2.2	(18.6–27.2)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,106	22.5	1.0	(20.5–24.5)
Minot, North Dakota	531	22.1	2.2	(17.8–26.4)
Mobile, Alabama	689	17.1	1.8	(13.6–20.6)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	670	15.0	1.7	(11.8–18.2)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	806	27.7	2.4	(23.0–32.4)
Nassau–Suffolk, New York*	895	27.3	1.9	(23.6–31.0)
Newark–Union, New Jersey–Pennsylvania*	3,201	28.6	1.2	(26.2–31.0)
New Haven–Milford, Connecticut	1,596	25.3	1.8	(21.8–28.8)
New Orleans–Metairie–Kenner, Louisiana	1,586	19.3	1.5	(16.4–22.2)
New York–White Plains–Wayne, New York–New Jersey*	4,181	26.4	1.0	(24.4–28.4)
Norfolk, Nebraska	606	21.8	2.2	(17.5–26.1)
North Platte, Nebraska	507	24.3	2.9	(18.7–29.9)
Oakland–Fremont–Hayward, California*	1,167	27.8	1.7	(24.5–31.1)
Ocean City, New Jersey	482	24.5	2.5	(19.5–29.5)
Ogden–Clearfield, Utah	1,587	23.5	1.4	(20.7–26.3)
Oklahoma City, Oklahoma	2,255	15.8	1.0	(13.8–17.8)
Olympia, Washington	806	24.7	1.8	(21.2–28.2)
Omaha–Council Bluffs, Nebraska–Iowa	2,266	18.4	1.2	(16.1–20.7)
Orlando–Kissimmee, Florida	858	26.6	2.4	(21.8–31.4)

See table footnotes on page 71.

**TABLE 20. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	691	19.4	2.7	(14.0–24.8)
Peabody, Massachusetts*	2,139	28.5	1.8	(24.9–32.1)
Philadelphia, Pennsylvania*	1,606	27.1	1.4	(24.4–29.8)
Phoenix–Mesa–Scottsdale, Arizona	1,526	23.6	1.6	(20.4–26.8)
Pittsburgh, Pennsylvania	2,106	24.3	1.5	(21.3–27.3)
Portland–South Portland–Biddeford, Maine	2,595	31.7	1.2	(29.4–34.0)
Portland–Vancouver–Beaverton, Oregon–Washington	2,986	24.2	1.2	(21.9–26.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,897	25.0	0.8	(23.5–26.5)
Provo–Orem, Utah	1,111	26.3	2.0	(22.5–30.1)
Raleigh–Cary, North Carolina	979	23.5	1.8	(19.9–27.1)
Rapid City, South Dakota	974	18.9	1.5	(15.9–21.9)
Reno–Sparks, Nevada	1,250	24.2	1.7	(21.0–27.4)
Richmond, Virginia	765	29.0	2.3	(24.5–33.5)
Riverside–San Bernardino–Ontario, California	1,798	26.2	1.4	(23.5–28.9)
Riverton, Wyoming	491	23.8	2.5	(18.9–28.7)
Rochester, New York	544	30.9	2.6	(25.7–36.1)
Rockingham County–Strafford County, New Hampshire*	1,588	29.7	1.7	(26.3–33.1)
Rutland, Vermont	695	26.5	2.1	(22.5–30.5)
Sacramento–Arden–Arcade–Roseville, California	1,170	29.9	1.9	(26.2–33.6)
St. Louis, Missouri–Illinois	1,532	20.3	1.5	(17.3–23.3)
Salt Lake City, Utah	4,197	23.2	0.9	(21.4–25.0)
San Antonio, Texas	792	24.4	2.5	(19.6–29.2)
San Diego–Carlsbad–San Marcos, California	1,492	28.9	1.6	(25.8–32.0)
San Francisco–San Mateo–Redwood City, California*	916	30.6	1.9	(26.8–34.4)
San Jose–Sunnyvale–Santa Clara, California	819	29.3	2.1	(25.2–33.4)
Santa Ana–Anaheim–Irvine, California*	1,333	27.4	1.6	(24.3–30.5)
Santa Fe, New Mexico	747	28.4	2.2	(24.1–32.7)
Scottsbluff, Nebraska	740	19.8	1.9	(16.2–23.4)
Scranton–Wilkes-Barre, Pennsylvania	904	22.5	2.4	(17.7–27.3)
Seaford, Delaware	1,329	26.5	1.8	(22.9–30.1)
Seattle–Bellevue–Everett, Washington*	4,782	27.5	0.9	(25.7–29.3)
Shreveport–Bossier City, Louisiana	670	18.5	2.0	(14.5–22.5)
Sioux City, Iowa–Nebraska–South Dakota	1,106	18.0	2.4	(13.4–22.6)
Sioux Falls, South Dakota	821	12.6	1.3	(10.1–15.1)
Spokane, Washington	1,229	22.0	1.7	(18.7–25.3)
Springfield, Massachusetts	1,941	27.3	1.8	(23.8–30.8)
Tacoma, Washington*	1,719	24.0	1.4	(21.2–26.8)
Tallahassee, Florida	559	25.0	4.0	(17.2–32.8)
Tampa–St. Petersburg–Clearwater, Florida	827	24.7	2.1	(20.5–28.9)
Toledo, Ohio	818	20.1	1.8	(16.5–23.7)
Topeka, Kansas	1,917	17.1	1.1	(14.9–19.3)
Trenton–Ewing, New Jersey	482	27.7	2.5	(22.8–32.6)
Tucson, Arizona	677	26.3	2.3	(21.7–30.9)
Tulsa, Oklahoma	2,250	14.6	1.0	(12.5–16.7)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	989	30.0	2.4	(25.3–34.7)
Warren–Troy–Farmington Hills, Michigan*	1,766	23.3	1.3	(20.7–25.9)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	5,885	26.5	1.5	(23.6–29.4)
Wenatchee, Washington	560	27.4	2.9	(21.7–33.1)
Wichita, Kansas	3,841	18.9	0.8	(17.3–20.5)
Wilmington, Delaware–Maryland–New Jersey*	1,755	26.1	1.4	(23.4–28.8)
Wilmington, North Carolina	487	15.4	2.2	(11.1–19.7)
Worcester, Massachusetts	1,911	24.8	1.6	(21.7–27.9)
Yakima, Washington	779	21.0	1.8	(17.5–24.5)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	861	18.4	1.9	(14.6–22.2)
<i>Median</i>		23.8		
<i>Range</i>		12.6–33.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 21. Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	584	22.6	2.3	(18.2–27.0)
Mobile County, Alabama	689	17.1	1.8	(13.6–20.6)
Anchorage Municipality, Alaska	356	23.4	2.5	(18.4–28.4)
Maricopa County, Arizona	1,161	23.8	1.7	(20.4–27.2)
Pima County, Arizona	677	26.3	2.3	(21.7–30.9)
Pinal County, Arizona	365	20.8	3.4	(14.2–27.4)
Benton County, Arkansas	323	23.8	3.5	(16.9–30.7)
Pulaski County, Arkansas	531	23.0	2.5	(18.1–27.9)
Washington County, Arkansas	279	22.1	4.0	(14.3–29.9)
Alameda County, California	655	27.7	2.3	(23.3–32.1)
Contra Costa County, California	512	28.2	2.4	(23.4–33.0)
Los Angeles County, California	1,892	26.5	1.3	(24.0–29.0)
Orange County, California	1,333	27.4	1.6	(24.3–30.5)
Riverside County, California	964	25.2	1.8	(21.7–28.7)
Sacramento County, California	709	29.4	2.3	(24.8–34.0)
San Bernardino County, California	834	27.0	2.0	(23.1–30.9)
San Diego County, California	1,492	28.9	1.6	(25.8–32.0)
San Francisco County, California	392	30.2	2.8	(24.8–35.6)
San Mateo County, California	333	29.9	3.1	(23.9–35.9)
Santa Clara County, California	797	29.1	2.1	(24.9–33.3)
Adams County, Colorado	796	22.6	1.9	(18.9–26.3)
Arapahoe County, Colorado	841	24.1	2.1	(20.1–28.1)
Denver County, Colorado	837	24.8	2.1	(20.7–28.9)
Douglas County, Colorado	518	23.1	2.4	(18.5–27.7)
El Paso County, Colorado	941	24.7	1.8	(21.2–28.2)
Jefferson County, Colorado	1,041	27.5	1.7	(24.1–30.9)
Larimer County, Colorado	535	23.8	2.5	(18.9–28.7)
Weld County, Colorado	462	26.0	2.9	(20.3–31.7)
Fairfield County, Connecticut	1,874	30.2	1.7	(26.8–33.6)
Hartford County, Connecticut	1,449	29.4	1.7	(26.1–32.7)
Middlesex County, Connecticut	257	30.4	3.6	(23.3–37.5)
New Haven County, Connecticut	1,596	25.3	1.8	(21.8–28.8)
Tolland County, Connecticut	289	29.1	3.6	(22.1–36.1)
Kent County, Delaware	1,307	23.1	1.5	(20.2–26.0)
New Castle County, Delaware	1,339	25.1	1.5	(22.1–28.1)
Sussex County, Delaware	1,329	26.5	1.8	(22.9–30.1)
District of Columbia	3,728	30.3	1.1	(28.2–32.4)
Broward County, Florida	257	24.2	4.0	(16.3–32.1)
Duval County, Florida	489	22.0	2.5	(17.0–27.0)
Hillsborough County, Florida	268	22.3	2.9	(16.6–28.0)
Miami–Dade County, Florida	254	22.1	3.1	(16.0–28.2)
Orange County, Florida	276	25.6	3.7	(18.3–32.9)
Osceola County, Florida	274	25.6	3.6	(18.5–32.7)
Palm Beach County, Florida	276	27.2	3.6	(20.2–34.2)
Pinellas County, Florida	261	34.7	3.9	(27.1–42.3)
Clayton County, Georgia	239	20.9	4.1	(12.9–28.9)
Cobb County, Georgia	275	28.8	3.6	(21.7–35.9)
DeKalb County, Georgia	297	26.6	3.2	(20.3–32.9)
Fulton County, Georgia	318	30.5	3.6	(23.4–37.6)
Hawaii County, Hawaii	1,449	24.8	1.4	(22.1–27.5)
Honolulu County, Hawaii	2,914	22.1	1.0	(20.2–24.0)
Kauai County, Hawaii	628	28.7	2.3	(24.2–33.2)
Maui County, Hawaii	1,481	28.5	1.6	(25.4–31.6)
Ada County, Idaho	654	29.9	2.3	(25.4–34.4)
Bonneville County, Idaho	378	21.2	2.9	(15.4–27.0)
Canyon County, Idaho	439	21.1	2.5	(16.2–26.0)
Nez Perce County, Idaho	292	19.0	2.8	(13.5–24.5)
Cook County, Illinois	1,828	24.9	1.4	(22.2–27.6)
DuPage County, Illinois	387	22.8	2.6	(17.7–27.9)
Lake County, Illinois	293	29.1	3.3	(22.6–35.6)
Will County, Illinois	293	20.5	2.8	(15.0–26.0)
Allen County, Indiana	485	20.3	2.2	(16.0–24.6)
Lake County, Indiana	906	25.5	3.0	(19.6–31.4)

See table footnotes on page 76.

**TABLE 21. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,411	24.5	1.9	(20.9–28.1)
Vanderburgh County, Indiana	245	26.8	3.9	(19.1–34.5)
Linn County, Iowa	499	18.8	2.1	(14.6–23.0)
Polk County, Iowa	781	19.6	1.6	(16.4–22.8)
Scott County, Iowa	359	16.9	2.3	(12.3–21.5)
Butler County, Kansas	439	19.8	2.4	(15.0–24.6)
Douglas County, Kansas	600	18.0	2.2	(13.7–22.3)
Johnson County, Kansas	3,174	21.3	0.9	(19.5–23.1)
Leavenworth County, Kansas	463	23.2	2.5	(18.3–28.1)
Riley County, Kansas	279	20.6	4.1	(12.6–28.6)
Sedgwick County, Kansas	2,967	18.5	0.9	(16.7–20.3)
Shawnee County, Kansas	1,386	17.4	1.3	(14.9–19.9)
Wyandotte County, Kansas	1,053	15.5	1.6	(12.4–18.6)
Jefferson County, Kentucky	1,735	23.6	2.6	(18.5–28.7)
Caddo Parish, Louisiana	427	20.8	2.8	(15.3–26.3)
Calcasieu Parish, Louisiana	593	15.7	1.9	(12.0–19.4)
East Baton Rouge Parish, Louisiana	710	18.8	1.9	(15.1–22.5)
Jefferson Parish, Louisiana	553	17.4	2.0	(13.6–21.2)
Orleans Parish, Louisiana	371	23.6	4.0	(15.7–31.5)
Rapides Parish, Louisiana	448	15.2	2.0	(11.2–19.2)
St. Tammany Parish, Louisiana	421	18.9	2.7	(13.6–24.2)
Terrebonne Parish, Louisiana	294	19.6	3.4	(13.0–26.2)
Cumberland County, Maine	1,312	33.0	1.7	(29.7–36.3)
Kennebec County, Maine	645	25.4	2.2	(21.1–29.7)
Penobscot County, Maine	723	20.4	1.8	(16.9–23.9)
Sagadahoc County, Maine	338	29.8	3.0	(23.9–35.7)
York County, Maine	945	30.6	1.9	(26.9–34.3)
Anne Arundel County, Maryland	538	26.7	2.5	(21.9–31.5)
Baltimore County, Maryland	949	25.1	1.7	(21.7–28.5)
Cecil County, Maryland	240	30.1	3.7	(22.8–37.4)
Charles County, Maryland	308	19.7	2.7	(14.5–24.9)
Frederick County, Maryland	538	23.0	2.2	(18.6–27.4)
Harford County, Maryland	254	29.6	3.5	(22.6–36.6)
Howard County, Maryland	332	30.4	2.9	(24.7–36.1)
Montgomery County, Maryland	1,041	32.0	1.9	(28.3–35.7)
Prince George's County, Maryland	619	29.8	2.6	(24.7–34.9)
Queen Anne's County, Maryland	256	24.7	3.2	(18.5–30.9)
Washington County, Maryland	345	27.2	3.2	(20.9–33.5)
Baltimore City, Maryland	501	26.6	2.5	(21.8–31.4)
Bristol County, Massachusetts	2,750	22.2	1.6	(19.1–25.3)
Essex County, Massachusetts	2,139	28.8	1.9	(25.0–32.6)
Hampden County, Massachusetts	1,483	26.8	2.1	(22.7–30.9)
Hampshire County, Massachusetts	276	27.0	3.5	(20.2–33.8)
Middlesex County, Massachusetts	2,860	27.2	1.3	(24.7–29.7)
Norfolk County, Massachusetts	865	27.5	2.1	(23.4–31.6)
Plymouth County, Massachusetts	608	24.7	2.2	(20.4–29.0)
Suffolk County, Massachusetts	1,669	24.5	1.7	(21.2–27.8)
Worcester County, Massachusetts	1,911	24.8	1.6	(21.7–27.9)
Kent County, Michigan	461	24.4	2.9	(18.7–30.1)
Macomb County, Michigan	512	21.5	2.2	(17.2–25.8)
Oakland County, Michigan	928	25.7	1.9	(21.9–29.5)
Wayne County, Michigan	1,986	24.9	1.6	(21.8–28.0)
Anoka County, Minnesota	292	18.7	2.5	(13.8–23.6)
Dakota County, Minnesota	378	22.7	3.0	(16.8–28.6)
Hennepin County, Minnesota	1,132	24.3	1.7	(21.0–27.6)
Ramsey County, Minnesota	529	26.3	2.4	(21.6–31.0)
DeSoto County, Mississippi	610	16.4	2.1	(12.3–20.5)
George County, Mississippi	369	13.5	2.3	(9.0–18.0)
Hancock County, Mississippi	333	16.4	2.5	(11.6–21.2)
Harrison County, Mississippi	284	17.5	3.1	(11.5–23.5)
Hinds County, Mississippi	495	19.6	2.4	(15.0–24.2)
Jackson County, Mississippi	322	19.8	2.9	(14.1–25.5)
Rankin County, Mississippi	320	25.4	3.1	(19.3–31.5)

See table footnotes on page 76.

**TABLE 21. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	317	13.7	2.3	(9.3–18.1)
Jackson County, Missouri	469	19.1	2.1	(14.9–23.3)
St. Louis County, Missouri	459	25.0	3.0	(19.2–30.8)
St. Louis City, Missouri	453	19.6	2.3	(15.0–24.2)
Flathead County, Montana	527	29.6	2.6	(24.5–34.7)
Gallatin County, Montana	575	31.0	2.8	(25.6–36.4)
Silver Bow County, Montana	558	19.8	2.3	(15.4–24.2)
Yellowstone County, Montana	553	26.9	2.4	(22.2–31.6)
Adams County, Nebraska	431	23.5	2.6	(18.4–28.6)
Dakota County, Nebraska	679	21.0	2.0	(17.1–24.9)
Douglas County, Nebraska	895	19.4	1.7	(16.1–22.7)
Hall County, Nebraska	571	20.4	2.2	(16.1–24.7)
Lancaster County, Nebraska	766	20.8	2.2	(16.5–25.1)
Lincoln County, Nebraska	477	23.4	2.9	(17.7–29.1)
Madison County, Nebraska	402	22.4	2.6	(17.3–27.5)
Sarpy County, Nebraska	568	16.3	2.1	(12.1–20.5)
Scotts Bluff County, Nebraska	724	19.4	1.8	(15.8–23.0)
Seward County, Nebraska	267	19.4	2.8	(13.9–24.9)
Clark County, Nevada	1,167	23.9	1.8	(20.4–27.4)
Washoe County, Nevada	1,221	24.0	1.7	(20.7–27.3)
Grafton County, New Hampshire	499	27.7	2.5	(22.8–32.6)
Hillsborough County, New Hampshire	1,395	25.7	2.0	(21.8–29.6)
Merrimack County, New Hampshire	621	33.0	2.6	(27.8–38.2)
Rockingham County, New Hampshire	976	29.5	2.0	(25.5–33.5)
Strafford County, New Hampshire	612	31.0	2.7	(25.8–36.2)
Atlantic County, New Jersey	883	29.1	2.2	(24.9–33.3)
Bergen County, New Jersey	592	30.6	2.4	(25.9–35.3)
Burlington County, New Jersey	536	24.8	2.3	(20.3–29.3)
Camden County, New Jersey	590	24.5	2.4	(19.8–29.2)
Cape May County, New Jersey	482	24.5	2.5	(19.5–29.5)
Essex County, New Jersey	998	28.1	2.0	(24.2–32.0)
Gloucester County, New Jersey	492	23.7	2.4	(19.1–28.3)
Hudson County, New Jersey	954	22.8	1.8	(19.2–26.4)
Hunterdon County, New Jersey	528	30.2	2.4	(25.4–35.0)
Mercer County, New Jersey	482	27.7	2.5	(22.8–32.6)
Middlesex County, New Jersey	578	24.6	2.4	(20.0–29.2)
Monmouth County, New Jersey	532	29.5	2.4	(24.8–34.2)
Morris County, New Jersey	684	33.3	2.6	(28.3–38.3)
Ocean County, New Jersey	501	20.4	2.1	(16.3–24.5)
Passaic County, New Jersey	481	23.3	2.6	(18.1–28.5)
Somerset County, New Jersey	532	28.0	2.4	(23.3–32.7)
Sussex County, New Jersey	468	25.7	2.5	(20.8–30.6)
Union County, New Jersey	487	28.1	2.6	(22.9–33.3)
Warren County, New Jersey	462	24.5	2.5	(19.7–29.3)
Bernalillo County, New Mexico	1,411	24.2	1.5	(21.2–27.2)
Dona Ana County, New Mexico	712	19.8	2.1	(15.6–24.0)
McKinley County, New Mexico	548	27.1	2.3	(22.6–31.6)
Sandoval County, New Mexico	621	23.2	2.6	(18.2–28.2)
San Juan County, New Mexico	857	23.7	2.1	(19.6–27.8)
Santa Fe County, New Mexico	747	28.4	2.2	(24.1–32.7)
Valencia County, New Mexico	375	19.2	2.5	(14.2–24.2)
Erie County, New York	427	26.7	2.8	(21.2–32.2)
Kings County, New York	420	30.6	2.9	(24.9–36.3)
Monroe County, New York	369	30.9	3.0	(25.0–36.8)
Nassau County, New York	414	27.1	2.8	(21.7–32.5)
New York County, New York	496	22.4	2.2	(18.0–26.8)
Queens County, New York	450	24.1	2.4	(19.4–28.8)
Suffolk County, New York	481	28.0	2.5	(23.0–33.0)
Westchester County, New York	324	31.1	3.4	(24.5–37.7)
Buncombe County, North Carolina	392	31.4	2.8	(25.9–36.9)
Cabarrus County, North Carolina	335	22.4	2.7	(17.1–27.7)
Catawba County, North Carolina	358	22.7	2.9	(17.1–28.3)
Cumberland County, North Carolina	369	23.1	2.9	(17.4–28.8)

See table footnotes on page 77.



**TABLE 21. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	409	21.3	2.5	(16.4–26.2)
Gaston County, North Carolina	335	18.6	2.8	(13.1–24.1)
Guilford County, North Carolina	412	21.2	2.5	(16.3–26.1)
Henderson County, North Carolina	257	26.0	3.5	(19.2–32.8)
Johnston County, North Carolina	355	17.7	2.6	(12.6–22.8)
Mecklenburg County, North Carolina	601	21.6	2.0	(17.6–25.6)
New Hanover County, North Carolina	400	20.7	3.1	(14.7–26.7)
Orange County, North Carolina	358	32.1	3.4	(25.4–38.8)
Randolph County, North Carolina	343	19.6	2.5	(14.7–24.5)
Union County, North Carolina	356	21.7	2.9	(16.0–27.4)
Wake County, North Carolina	585	25.8	2.3	(21.4–30.2)
Burleigh County, North Dakota	540	23.1	2.4	(18.3–27.9)
Cass County, North Dakota	728	21.6	1.9	(17.8–25.4)
Ward County, North Dakota	459	22.1	2.4	(17.3–26.9)
Cuyahoga County, Ohio	679	22.3	2.1	(18.2–26.4)
Franklin County, Ohio	642	23.8	2.1	(19.6–28.0)
Hamilton County, Ohio	672	24.2	2.2	(19.9–28.5)
Lucas County, Ohio	664	21.3	2.0	(17.3–25.3)
Mahoning County, Ohio	666	23.1	2.2	(18.8–27.4)
Montgomery County, Ohio	658	21.1	1.9	(17.4–24.8)
Stark County, Ohio	670	19.8	1.9	(16.1–23.5)
Summit County, Ohio	662	22.0	2.1	(17.8–26.2)
Canadian County, Oklahoma	263	18.9	3.1	(12.9–24.9)
Cleveland County, Oklahoma	414	16.1	2.2	(11.9–20.3)
Oklahoma County, Oklahoma	1,195	16.0	1.4	(13.3–18.7)
Tulsa County, Oklahoma	1,544	15.3	1.2	(13.0–17.6)
Clackamas County, Oregon	410	24.0	2.7	(18.7–29.3)
Multnomah County, Oregon	622	29.9	2.5	(25.0–34.8)
Washington County, Oregon	419	21.4	2.6	(16.3–26.5)
Allegheny County, Pennsylvania	683	25.4	2.1	(21.2–29.6)
Bucks County, Pennsylvania	298	24.7	3.1	(18.7–30.7)
Delaware County, Pennsylvania	242	29.5	3.5	(22.6–36.4)
Fayette County, Pennsylvania	787	19.1	2.0	(15.1–23.1)
Luzerne County, Pennsylvania	750	23.5	2.2	(19.2–27.8)
Montgomery County, Pennsylvania	377	28.1	2.6	(23.1–33.1)
Philadelphia County, Pennsylvania	471	27.0	2.7	(21.7–32.3)
Westmoreland County, Pennsylvania	248	23.1	3.1	(17.1–29.1)
Kent County, Rhode Island	847	25.5	1.8	(22.0–29.0)
Newport County, Rhode Island	464	26.9	2.6	(21.8–32.0)
Providence County, Rhode Island	3,905	23.9	1.0	(22.0–25.8)
Washington County, Rhode Island	686	34.2	2.4	(29.5–38.9)
Aiken County, South Carolina	451	19.8	2.5	(14.8–24.8)
Beaufort County, South Carolina	662	23.3	2.5	(18.4–28.2)
Berkeley County, South Carolina	355	17.8	3.1	(11.6–24.0)
Charleston County, South Carolina	669	19.4	2.7	(14.0–24.8)
Greenville County, South Carolina	534	15.3	2.0	(11.4–19.2)
Horry County, South Carolina	670	15.0	1.7	(11.8–18.2)
Richland County, South Carolina	713	20.5	2.8	(15.0–26.0)
Minnehaha County, South Dakota	583	13.4	1.6	(10.2–16.6)
Pennington County, South Dakota	766	18.1	1.7	(14.8–21.4)
Davidson County, Tennessee	414	29.9	3.4	(23.2–36.6)
Hamilton County, Tennessee	413	25.5	2.9	(19.7–31.3)
Shelby County, Tennessee	352	23.7	2.9	(18.1–29.3)
Sullivan County, Tennessee	337	28.3	3.6	(21.3–35.3)
Bexar County, Texas	653	23.4	2.3	(18.8–28.0)
Dallas County, Texas	303	23.3	3.9	(15.6–31.0)
El Paso County, Texas	882	23.7	1.9	(20.0–27.4)
Fort Bend County, Texas	662	25.3	2.4	(20.6–30.0)
Harris County, Texas	1,106	22.7	1.6	(19.5–25.9)
Hidalgo County, Texas	513	19.7	2.4	(15.0–24.4)
Lubbock County, Texas	491	27.6	3.0	(21.8–33.4)
Tarrant County, Texas	470	25.0	2.6	(19.9–30.1)
Travis County, Texas	901	34.9	3.1	(28.9–40.9)

See table footnotes on page 76.

**TABLE 21. (Continued) Estimated proportion of adults aged  $\geq 18$  years who consumed at least five servings of fruits or vegetables per day, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	584	23.6	2.8	(18.1–29.1)
Davis County, Utah	793	24.7	1.9	(21.0–28.4)
Salt Lake County, Utah	3,218	23.1	1.0	(21.2–25.0)
Summit County, Utah	487	30.1	2.7	(24.8–35.4)
Tooele County, Utah	492	20.0	2.4	(15.2–24.8)
Utah County, Utah	1,055	26.5	2.0	(22.6–30.4)
Wasatch County, Utah	520	26.9	3.4	(20.3–33.5)
Weber County, Utah	759	22.6	2.0	(18.7–26.5)
Chittenden County, Vermont	1,375	29.9	1.7	(26.6–33.2)
Franklin County, Vermont	432	21.5	2.2	(17.2–25.8)
Orange County, Vermont	351	30.3	2.9	(24.6–36.0)
Rutland County, Vermont	695	26.5	2.1	(22.5–30.5)
Washington County, Vermont	678	29.8	2.1	(25.6–34.0)
Windsor County, Vermont	626	30.0	2.2	(25.6–34.4)
Benton County, Washington	414	21.6	2.5	(16.8–26.4)
Chelan County, Washington	294	27.1	3.2	(20.7–33.5)
Clark County, Washington	1,115	22.1	1.6	(19.0–25.2)
Douglas County, Washington	266	NA*	NA	NA
King County, Washington	3,149	28.4	1.1	(26.3–30.5)
Kitsap County, Washington	925	29.6	2.0	(25.8–33.4)
Pierce County, Washington	1,719	23.8	1.5	(20.8–26.8)
Skamania County, Washington	252	22.9	3.2	(16.5–29.3)
Snohomish County, Washington	1,633	25.4	1.4	(22.6–28.2)
Spokane County, Washington	1,229	22.0	1.7	(18.7–25.3)
Thurston County, Washington	806	24.7	1.8	(21.2–28.2)
Yakima County, Washington	779	21.0	1.8	(17.5–24.5)
Kanawha County, West Virginia	554	18.3	2.1	(14.1–22.5)
Milwaukee County, Wisconsin	575	25.1	2.9	(19.3–30.9)
Fremont County, Wyoming	491	23.8	2.5	(18.9–28.7)
Laramie County, Wyoming	909	23.8	1.8	(20.2–27.4)
Natrona County, Wyoming	749	21.2	2.0	(17.3–25.1)
<i>Median</i>		24.0		
<i>Range</i>		13.4–34.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 22. Estimated proportion of adults aged ≥18 years who met recommendation for moderate or vigorous physical activity,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,238	41.1	1.0	(39.2–43.0)
Alaska	2,182	60.7	1.6	(57.6–63.8)
Arizona	5,061	50.5	1.5	(47.6–53.4)
Arkansas	3,576	47.3	1.3	(44.8–49.8)
California	14,947	51.3	0.6	(50.1–52.5)
Colorado	10,319	57.1	0.7	(55.7–58.5)
Connecticut	5,990	53.9	1.0	(52.0–55.8)
Delaware	3,745	51.0	1.2	(48.6–53.4)
District of Columbia	3,569	54.5	1.1	(52.3–56.7)
Florida	10,773	46.2	0.9	(44.4–48.0)
Georgia	5,337	45.7	1.1	(43.5–47.9)
Hawaii	6,354	53.2	0.9	(51.4–55.0)
Idaho	4,934	57.5	1.0	(55.5–59.5)
Illinois	5,576	51.8	0.9	(50.0–53.6)
Indiana	8,284	48.0	0.8	(46.4–49.6)
Iowa	5,541	49.7	0.9	(47.9–51.5)
Kansas	17,955	48.5	0.5	(47.5–49.5)
Kentucky	8,915	45.7	1.0	(43.8–47.6)
Louisiana	8,354	43.6	0.8	(42.0–45.2)
Maine	7,534	56.2	0.8	(54.7–57.7)
Maryland	7,889	48.7	0.9	(47.0–50.4)
Massachusetts	14,763	53.0	0.7	(51.6–54.4)
Michigan	8,333	52.0	0.8	(50.5–53.5)
Minnesota	5,484	52.7	1.0	(50.8–54.6)
Mississippi	10,326	37.5	0.8	(36.0–39.0)
Missouri	4,573	50.0	1.1	(47.8–52.2)
Montana	7,016	58.6	0.9	(56.8–60.4)
Nebraska	14,641	51.1	0.9	(49.4–52.8)
Nevada	3,554	51.4	1.5	(48.5–54.3)
New Hampshire	5,618	53.4	1.0	(51.4–55.4)
New Jersey	11,140	47.5	0.8	(46.0–49.0)
New Mexico	8,080	53.3	0.9	(51.6–55.0)
New York	6,208	50.8	0.9	(49.0–52.6)
North Carolina	12,228	46.4	0.8	(44.8–48.0)
North Dakota	4,333	52.3	1.1	(50.2–54.4)
Ohio	9,043	48.5	0.8	(47.0–50.0)
Oklahoma	7,399	47.1	0.8	(45.5–48.7)
Oregon	3,891	56.5	1.1	(54.3–58.7)
Pennsylvania	8,305	50.4	0.8	(48.8–52.0)
Rhode Island	5,883	48.4	1.0	(46.5–50.3)
South Carolina	8,782	45.4	0.9	(43.5–47.3)
South Dakota	6,333	45.0	1.0	(43.0–47.0)
Tennessee	4,981	36.0	1.1	(33.9–38.1)
Texas	10,629	48.1	0.9	(46.4–49.8)
Utah	9,379	57.6	0.8	(56.1–59.1)
Vermont	6,179	58.0	0.8	(56.4–59.6)
Virginia	4,663	51.4	1.3	(48.9–53.9)
Washington	19,025	53.7	0.5	(52.6–54.8)
West Virginia	4,696	35.2	0.9	(33.4–37.0)
Wisconsin	4,147	52.8	1.3	(50.3–55.3)
Wyoming	5,600	57.3	0.9	(55.5–59.1)
Guam	1,235	47.4	1.8	(43.9–50.9)
Puerto Rico	4,093	28.0	1.0	(26.1–29.9)
Virgin Islands	2,237	42.7	1.4	(40.0–45.4)
<i>Median</i>		50.7		
<i>Range</i>		28.0–60.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in moderate physical activity 30 or more minutes per day for 5 or more days per week or engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.

**TABLE 23. Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	719	52.5	2.6	(47.3–57.7)
Albuquerque, New Mexico	2,390	53.7	1.5	(50.7–56.7)
Alexandria, Louisiana	495	45.5	2.9	(39.8–51.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	788	47.7	2.9	(42.0–53.4)
Anchorage, Alaska	476	60.9	2.6	(55.8–66.0)
Asheville, North Carolina	787	51.4	2.3	(46.9–55.9)
Atlanta–Sandy Springs–Marietta, Georgia	2,145	46.2	1.7	(42.8–49.6)
Atlantic City–Hammonton, New Jersey	830	47.5	2.5	(42.7–52.3)
Augusta–Richmond County, Georgia–South Carolina	795	41.3	2.8	(35.8–46.8)
Augusta–Waterville, Maine	614	53.2	2.8	(47.7–58.7)
Austin–Round Rock, Texas	1,504	56.8	2.6	(51.6–62.0)
Baltimore–Towson, Maryland	2,875	48.8	1.3	(46.3–51.3)
Bangor, Maine	691	52.8	2.6	(47.8–57.8)
Barre, Vermont	643	64.9	2.4	(60.2–69.6)
Baton Rouge, Louisiana	1,149	44.3	2.1	(40.3–48.3)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,499	50.4	1.8	(46.8–54.0)
Billings, Montana	578	55.0	2.6	(49.8–60.2)
Birmingham–Hoover, Alabama	1,063	42.6	2.2	(38.4–46.8)
Bismarck, North Dakota	678	53.4	2.6	(48.4–58.4)
Boise City–Nampa, Idaho	1,186	57.1	1.9	(53.3–60.9)
Boston–Quincy, Massachusetts <sup>†</sup>	2,991	52.4	1.5	(49.4–55.4)
Bozeman, Montana	555	63.7	3.1	(57.7–69.7)
Bremerton–Silverdale, Washington	894	57.8	2.1	(53.7–61.9)
Bridgeport–Stamford–Norwalk, Connecticut	1,792	53.4	1.9	(49.7–57.1)
Buffalo–Niagara Falls, New York	499	45.0	3.1	(38.9–51.1)
Burlington–South Burlington, Vermont	1,812	57.0	1.6	(53.8–60.2)
Butte–Silver Bow, Montana	536	53.8	3.1	(47.8–59.8)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,739	53.1	1.6	(50.0–56.2)
Camden, New Jersey <sup>†</sup>	1,541	53.2	1.7	(49.9–56.5)
Canton–Massillon, Ohio	666	52.2	2.6	(47.2–57.2)
Casper, Wyoming	723	51.0	2.5	(46.1–55.9)
Cedar Rapids, Iowa	550	54.9	2.7	(49.7–60.1)
Charleston, West Virginia	843	34.6	2.0	(30.6–38.6)
Charleston–North Charleston–Summerville, South Carolina	1,057	46.6	2.7	(41.2–52.0)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,728	48.2	1.8	(44.7–51.7)
Chattanooga, Tennessee–Georgia	543	42.1	3.6	(35.1–49.1)
Cheyenne, Wyoming	868	54.0	2.4	(49.4–58.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,287	50.3	1.1	(48.1–52.5)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,588	47.8	2.0	(43.9–51.7)
Cleveland–Elyria–Mentor, Ohio	1,026	51.2	2.0	(47.3–55.1)
Colorado Springs, Colorado	1,039	57.2	2.0	(53.2–61.2)
Columbia, South Carolina	1,066	47.1	2.8	(41.7–52.5)
Columbus, Ohio	1,296	48.1	1.9	(44.3–51.9)
Concord, New Hampshire	588	57.2	2.7	(52.0–62.4)
Dallas–Plano–Irving, Texas <sup>†</sup>	542	46.9	3.4	(40.3–53.5)
Davenport–Moline–Rock Island, Iowa–Illinois	486	49.3	3.5	(42.4–56.2)
Dayton, Ohio	761	53.1	2.6	(48.1–58.1)
Denver–Aurora, Colorado	4,268	55.8	1.0	(53.8–57.8)
Des Moines–West Des Moines, Iowa	992	48.8	2.0	(44.8–52.8)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	1,854	48.0	1.9	(44.4–51.6)
Dover, Delaware	1,229	45.6	1.8	(42.0–49.2)
Durham, North Carolina	838	48.7	3.3	(42.3–55.1)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,031	46.6	1.5	(43.6–49.6)
El Paso, Texas	843	50.3	2.3	(45.8–54.8)
Evansville, Indiana–Kentucky	530	51.1	3.0	(45.3–56.9)
Fargo, North Dakota–Minnesota	750	53.8	3.5	(47.0–60.6)
Farmington, New Mexico	819	53.5	2.5	(48.6–58.4)
Fayetteville, North Carolina	494	50.8	3.2	(44.6–57.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	602	51.8	3.3	(45.4–58.2)
Fort Collins–Loveland, Colorado	513	62.4	3.0	(56.5–68.3)
Fort Wayne, Indiana	551	51.8	2.6	(46.7–56.9)
Fort Worth–Arlington, Texas <sup>†</sup>	551	54.1	2.7	(48.7–59.5)
Gallup, New Mexico	517	51.5	2.8	(46.0–57.0)

See table footnotes on page 80.

**TABLE 23. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	767	48.4	2.4	(43.7–53.1)
Grand Rapids–Wyoming, Michigan	586	52.3	2.8	(46.8–57.8)
Greeley, Colorado	431	61.1	3.2	(54.9–67.3)
Greensboro–High Point, North Carolina	751	48.9	2.7	(43.5–54.3)
Greenville–Mauldin–Easley, South Carolina	779	50.0	3.0	(44.2–55.8)
Gulfport–Biloxi, Mississippi	891	36.6	3.3	(30.2–43.0)
Hagerstown–Martinsburg, Maryland–West Virginia	576	45.4	2.8	(40.0–50.8)
Hartford–West Hartford–East Hartford, Connecticut	1,919	55.5	1.7	(52.2–58.8)
Hastings, Nebraska	534	47.8	3.0	(42.0–53.6)
Heber, Utah	499	64.3	3.0	(58.5–70.1)
Hickory–Lenoir–Morganton, North Carolina	724	45.2	2.7	(39.9–50.5)
Hilo, Hawaii	1,421	55.8	1.7	(52.5–59.1)
Hilton Head Island–Beaufort, South Carolina	728	53.0	2.8	(47.4–58.6)
Honolulu, Hawaii	2,861	52.2	1.2	(49.8–54.6)
Houma–Bayou Cane–Thibodaux, Louisiana	506	42.8	3.1	(36.7–48.9)
Houston–Sugar Land–Baytown, Texas	1,994	46.3	1.7	(42.9–49.7)
Huntington–Ashland, West Virginia–Kentucky–Ohio	661	36.5	2.7	(31.3–41.7)
Idaho Falls, Idaho	464	52.3	3.0	(46.4–58.2)
Indianapolis–Carmel, Indiana	1,978	48.4	1.7	(45.1–51.7)
Jackson, Mississippi	1,134	39.2	1.9	(35.4–43.0)
Jacksonville, Florida	979	49.2	2.5	(44.4–54.0)
Kahului–Wailuku, Hawaii	1,455	55.9	1.9	(52.2–59.6)
Kalispell, Montana	504	62.7	2.8	(57.1–68.3)
Kansas City, Missouri–Kansas	5,925	49.1	1.3	(46.5–51.7)
Kapaa, Hawaii	617	58.0	2.7	(52.7–63.3)
Kennewick–Pasco–Richland, Washington	628	49.0	2.8	(43.6–54.4)
Kingsport–Bristol–Bristol, Tennessee–Virginia	456	35.5	3.9	(27.8–43.2)
Lake Charles, Louisiana	592	42.8	2.7	(37.4–48.2)
Las Cruces, New Mexico	683	47.9	2.8	(42.4–53.4)
Las Vegas–Paradise, Nevada	1,112	49.1	2.0	(45.1–53.1)
Lawrence, Kansas	579	50.3	3.4	(43.6–57.0)
Lebanon, New Hampshire–Vermont	1,411	57.7	1.7	(54.3–61.1)
Lewiston, Idaho–Washington	506	49.0	3.0	(43.1–54.9)
Lincoln, Nebraska	1,001	51.8	2.6	(46.6–57.0)
Little Rock–North Little Rock–Conway, Arkansas	759	43.8	2.7	(38.6–49.0)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	1,822	45.7	1.5	(42.7–48.7)
Louisville/Jefferson County, Kentucky–Indiana	2,135	46.4	2.3	(41.8–51.0)
Lubbock, Texas	482	45.3	3.4	(38.6–52.0)
Manchester–Nashua, New Hampshire	1,349	52.1	2.3	(47.6–56.6)
Manhattan, Kansas	559	54.3	3.1	(48.2–60.4)
McAllen–Edinburg–Mission, Texas	476	45.0	3.2	(38.7–51.3)
Memphis, Tennessee–Mississippi–Arkansas	1,401	38.4	2.7	(33.1–43.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	729	42.6	2.7	(37.3–47.9)
Milwaukee–Waukesha–West Allis, Wisconsin	751	53.0	3.1	(47.0–59.0)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,066	54.5	1.3	(52.0–57.0)
Minot, North Dakota	500	49.5	2.8	(44.1–54.9)
Mobile, Alabama	657	39.7	2.7	(34.4–45.0)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	622	47.3	2.9	(41.7–52.9)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	780	40.2	2.6	(35.1–45.3)
Nassau–Suffolk, New York <sup>†</sup>	856	50.1	2.2	(45.7–54.5)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,038	44.8	1.4	(42.0–47.6)
New Haven–Milford, Connecticut	1,499	50.5	2.1	(46.3–54.7)
New Orleans–Metairie–Kenner, Louisiana	1,537	44.3	1.9	(40.7–47.9)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	3,933	47.1	1.2	(44.7–49.5)
Norfolk, Nebraska	577	46.2	2.8	(40.7–51.7)
North Platte, Nebraska	479	53.1	3.5	(46.3–59.9)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,133	55.3	2.0	(51.3–59.3)
Ocean City, New Jersey	458	50.4	3.2	(44.2–56.6)
Ogden–Clearfield, Utah	1,500	54.9	1.7	(51.6–58.2)
Oklahoma City, Oklahoma	2,178	46.2	1.5	(43.3–49.1)
Olympia, Washington	773	59.1	2.2	(54.8–63.4)
Omaha–Council Bluffs, Nebraska–Iowa	2,163	51.8	1.7	(48.5–55.1)
Orlando–Kissimmee, Florida	810	46.2	2.8	(40.7–51.7)

See table footnotes on page 80.



**TABLE 23. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	662	40.2	3.4	(33.6–46.8)
Peabody, Massachusetts†	2,037	53.1	2.0	(49.2–57.0)
Philadelphia, Pennsylvania†	1,511	47.4	1.7	(44.1–50.7)
Phoenix–Mesa–Scottsdale, Arizona	1,463	50.2	2.0	(46.3–54.1)
Pittsburgh, Pennsylvania	1,964	52.4	1.8	(48.9–55.9)
Portland–South Portland–Biddeford, Maine	2,491	58.0	1.3	(55.5–60.5)
Portland–Vancouver–Beaverton, Oregon–Washington	2,845	54.7	1.5	(51.8–57.6)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,489	49.8	0.9	(48.0–51.6)
Provo–Orem, Utah	1,066	59.8	2.2	(55.5–64.1)
Raleigh–Cary, North Carolina	925	45.2	2.3	(40.7–49.7)
Rapid City, South Dakota	930	49.0	2.1	(44.9–53.1)
Reno–Sparks, Nevada	1,211	56.7	1.9	(52.9–60.5)
Richmond, Virginia	732	56.5	2.7	(51.2–61.8)
Riverside–San Bernardino–Ontario, California	1,738	51.9	1.6	(48.7–55.1)
Riverton, Wyoming	461	61.7	2.9	(56.0–67.4)
Rochester, New York	508	54.1	3.0	(48.2–60.0)
Rockingham County–Strafford County, New Hampshire†	1,531	52.7	1.9	(49.0–56.4)
Rutland, Vermont	661	52.4	2.4	(47.7–57.1)
Sacramento–Arden–Arcade–Roseville, California	1,145	53.2	2.0	(49.2–57.2)
St. Louis, Missouri–Illinois	1,467	52.2	2.0	(48.3–56.1)
Salt Lake City, Utah	3,979	57.7	1.1	(55.6–59.8)
San Antonio, Texas	757	50.3	2.6	(45.1–55.5)
San Diego–Carlsbad–San Marcos, California	1,447	58.1	1.7	(54.7–61.5)
San Francisco–San Mateo–Redwood City, California†	896	54.0	2.2	(49.8–58.2)
San Jose–Sunnyvale–Santa Clara, California	800	47.4	2.4	(42.7–52.1)
Santa Ana–Anaheim–Irvine, California†	1,306	53.2	1.8	(49.6–56.8)
Santa Fe, New Mexico	717	61.9	2.5	(56.9–66.9)
Scottsbluff, Nebraska	711	46.8	2.5	(41.9–51.7)
Scranton–Wilkes-Barre, Pennsylvania	841	52.5	2.8	(46.9–58.1)
Seaford, Delaware	1,242	52.4	2.0	(48.6–56.2)
Seattle–Bellevue–Everett, Washington†	4,613	52.0	1.0	(50.0–54.0)
Shreveport–Bossier City, Louisiana	640	43.6	2.7	(38.2–49.0)
Sioux City, Iowa–Nebraska–South Dakota	1,047	42.7	3.3	(36.2–49.2)
Sioux Falls, South Dakota	793	39.6	2.5	(34.8–44.4)
Spokane, Washington	1,172	54.5	2.0	(50.5–58.5)
Springfield, Massachusetts	1,848	54.5	2.0	(50.6–58.4)
Tacoma, Washington†	1,638	53.6	1.7	(50.2–57.0)
Tallahassee, Florida	533	44.7	4.9	(35.1–54.3)
Tampa–St. Petersburg–Clearwater, Florida	782	45.4	2.7	(40.1–50.7)
Toledo, Ohio	777	49.1	2.7	(43.9–54.3)
Topeka, Kansas	1,842	47.4	1.6	(44.3–50.5)
Trenton–Ewing, New Jersey	454	46.5	2.9	(40.7–52.3)
Tucson, Arizona	651	52.3	2.8	(46.9–57.7)
Tulsa, Oklahoma	2,177	46.1	1.5	(43.2–49.0)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	946	52.5	2.7	(47.3–57.7)
Warren–Troy–Farmington Hills, Michigan†	1,649	52.5	1.6	(49.3–55.7)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,617	49.5	1.9	(45.8–53.2)
Wenatchee, Washington	530	51.5	3.1	(45.4–57.6)
Wichita, Kansas	3,721	48.2	1.1	(46.0–50.4)
Wilmington, Delaware–Maryland–New Jersey†	1,671	51.1	1.6	(47.9–54.3)
Wilmington, North Carolina	464	50.4	4.0	(42.5–58.3)
Worcester, Massachusetts	1,825	50.6	2.0	(46.6–54.6)
Yakima, Washington	729	47.0	2.5	(42.2–51.8)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	819	51.4	2.8	(45.9–56.9)
<i>Median</i>		50.7		
<i>Range</i>		34.6–64.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in moderate physical activity 30 or more minutes per day for 5 or more days per week or engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.

† Metropolitan division.

**TABLE 24. Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	549	43.1	2.8	(37.5–48.7)
Mobile County, Alabama	657	39.7	2.7	(34.4–45.0)
Anchorage Municipality, Alaska	346	57.4	3.2	(51.2–63.6)
Maricopa County, Arizona	1,110	50.0	2.1	(45.8–54.2)
Pima County, Arizona	651	52.3	2.8	(46.9–57.7)
Pinal County, Arizona	353	51.2	4.2	(43.0–59.4)
Benton County, Arkansas	302	52.2	4.1	(44.1–60.3)
Pulaski County, Arkansas	504	45.0	3.3	(38.6–51.4)
Washington County, Arkansas	262	51.3	4.7	(42.2–60.4)
Alameda County, California	641	55.0	2.8	(49.6–60.4)
Contra Costa County, California	492	54.7	2.8	(49.1–60.3)
Los Angeles County, California	1,822	45.7	1.5	(42.7–48.7)
Orange County, California	1,306	53.2	1.8	(49.6–56.8)
Riverside County, California	927	52.6	2.3	(48.1–57.1)
Sacramento County, California	692	50.8	2.5	(45.9–55.7)
San Bernardino County, California	811	50.6	2.3	(46.1–55.1)
San Diego County, California	1,447	58.1	1.7	(54.7–61.5)
San Francisco County, California	384	53.0	3.2	(46.8–59.2)
San Mateo County, California	323	58.1	3.4	(51.4–64.8)
Santa Clara County, California	778	47.5	2.4	(42.7–52.3)
Adams County, Colorado	753	50.9	2.4	(46.3–55.5)
Arapahoe County, Colorado	809	53.8	2.3	(49.2–58.4)
Denver County, Colorado	785	54.8	2.5	(49.9–59.7)
Douglas County, Colorado	504	60.0	2.8	(54.5–65.5)
El Paso County, Colorado	902	57.0	2.1	(52.9–61.1)
Jefferson County, Colorado	1,007	59.3	2.0	(55.4–63.2)
Larimer County, Colorado	513	62.4	3.0	(56.5–68.3)
Weld County, Colorado	431	61.1	3.2	(54.9–67.3)
Fairfield County, Connecticut	1,792	53.4	1.9	(49.7–57.1)
Hartford County, Connecticut	1,389	54.4	1.9	(50.7–58.1)
Middlesex County, Connecticut	250	60.4	3.8	(53.0–67.8)
New Haven County, Connecticut	1,499	50.5	2.1	(46.3–54.7)
Tolland County, Connecticut	280	54.1	3.9	(46.5–61.7)
Kent County, Delaware	1,229	45.6	1.8	(42.0–49.2)
New Castle County, Delaware	1,274	52.1	1.9	(48.5–55.7)
Sussex County, Delaware	1,242	52.4	2.0	(48.6–56.2)
District of Columbia	3,569	52.6	1.2	(50.2–55.0)
Broward County, Florida	233	41.1	4.7	(31.8–50.4)
Duval County, Florida	461	44.4	3.2	(38.1–50.7)
Hillsborough County, Florida	255	40.3	4.0	(32.5–48.1)
Miami–Dade County, Florida	240	39.3	4.0	(31.5–47.1)
Orange County, Florida	258	43.5	4.7	(34.4–52.6)
Osceola County, Florida	255	47.8	4.3	(39.3–56.3)
Palm Beach County, Florida	256	52.7	4.2	(44.4–61.0)
Pinellas County, Florida	244	48.6	4.0	(40.7–56.5)
Clayton County, Georgia	232	43.1	4.9	(33.5–52.7)
Cobb County, Georgia	263	52.4	4.2	(44.2–60.6)
DeKalb County, Georgia	284	45.1	4.1	(37.0–53.2)
Fulton County, Georgia	303	46.5	4.1	(38.5–54.5)
Hawaii County, Hawaii	1,421	55.8	1.7	(52.5–59.1)
Honolulu County, Hawaii	2,861	52.2	1.2	(49.8–54.6)
Kauai County, Hawaii	617	58.0	2.7	(52.7–63.3)
Maui County, Hawaii	1,455	55.9	1.9	(52.2–59.6)
Ada County, Idaho	632	58.3	2.5	(53.5–63.1)
Bonneville County, Idaho	359	52.3	3.4	(45.6–59.0)
Canyon County, Idaho	423	54.9	3.4	(48.3–61.5)
Nez Perce County, Idaho	276	51.2	4.1	(43.2–59.2)
Cook County, Illinois	1,786	48.8	1.6	(45.6–52.0)
DuPage County, Illinois	385	51.5	3.2	(45.3–57.7)
Lake County, Illinois	289	60.6	3.4	(53.9–67.3)
Will County, Illinois	289	51.7	3.8	(44.3–59.1)
Allen County, Indiana	464	51.0	2.9	(45.4–56.6)
Lake County, Indiana	854	47.9	3.1	(41.7–54.1)

See table footnotes on page 85.

**TABLE 24. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,340	45.0	2.1	(40.8–49.2)
Vanderburgh County, Indiana	230	49.8	4.2	(41.5–58.1)
Linn County, Iowa	480	55.3	2.9	(49.7–60.9)
Polk County, Iowa	760	49.0	2.3	(44.5–53.5)
Scott County, Iowa	343	46.1	3.4	(39.4–52.8)
Butler County, Kansas	412	49.1	3.1	(42.9–55.3)
Douglas County, Kansas	579	50.3	3.4	(43.6–57.0)
Johnson County, Kansas	3,111	53.2	1.2	(50.9–55.5)
Leavenworth County, Kansas	447	55.5	3.2	(49.2–61.8)
Riley County, Kansas	267	62.2	4.8	(52.7–71.7)
Sedgwick County, Kansas	2,894	48.0	1.2	(45.6–50.4)
Shawnee County, Kansas	1,333	45.7	1.8	(42.1–49.3)
Wyandotte County, Kansas	1,020	40.1	2.2	(35.8–44.4)
Jefferson County, Kentucky	1,672	45.9	3.3	(39.5–52.3)
Caddo Parish, Louisiana	403	42.4	3.5	(35.6–49.2)
Calcasieu Parish, Louisiana	577	43.0	2.8	(37.5–48.5)
East Baton Rouge Parish, Louisiana	697	44.9	2.5	(39.9–49.9)
Jefferson Parish, Louisiana	540	42.8	2.9	(37.1–48.5)
Orleans Parish, Louisiana	359	47.8	4.2	(39.6–56.0)
Rapides Parish, Louisiana	430	45.2	3.1	(39.1–51.3)
St. Tammany Parish, Louisiana	407	48.2	3.3	(41.8–54.6)
Terrebonne Parish, Louisiana	283	39.1	4.2	(30.9–47.3)
Cumberland County, Maine	1,266	58.8	1.8	(55.3–62.3)
Kennebec County, Maine	614	53.2	2.8	(47.7–58.7)
Penobscot County, Maine	691	52.8	2.6	(47.8–57.8)
Sagadahoc County, Maine	325	59.9	3.4	(53.3–66.5)
York County, Maine	900	56.7	2.1	(52.6–60.8)
Anne Arundel County, Maryland	515	50.6	2.8	(45.1–56.1)
Baltimore County, Maryland	904	49.5	2.2	(45.2–53.8)
Cecil County, Maryland	228	48.4	4.0	(40.5–56.3)
Charles County, Maryland	297	48.4	3.6	(41.3–55.5)
Frederick County, Maryland	508	51.8	2.9	(46.1–57.5)
Harford County, Maryland	248	50.6	4.0	(42.7–58.5)
Howard County, Maryland	317	52.6	3.3	(46.0–59.2)
Montgomery County, Maryland	991	51.4	2.1	(47.3–55.5)
Prince George's County, Maryland	586	44.2	2.8	(38.7–49.7)
Queen Anne's County, Maryland	243	47.2	3.9	(39.6–54.8)
Washington County, Maryland	322	51.2	3.7	(44.0–58.4)
Baltimore City, Maryland	474	42.5	3.0	(36.7–48.3)
Bristol County, Massachusetts	2,606	52.3	2.1	(48.2–56.4)
Essex County, Massachusetts	2,037	54.6	2.1	(50.5–58.7)
Hampden County, Massachusetts	1,412	47.5	2.4	(42.8–52.2)
Hampshire County, Massachusetts	261	64.5	3.7	(57.2–71.8)
Middlesex County, Massachusetts	2,739	54.0	1.5	(51.0–57.0)
Norfolk County, Massachusetts	835	52.1	2.4	(47.4–56.8)
Plymouth County, Massachusetts	570	54.5	2.7	(49.3–59.7)
Suffolk County, Massachusetts	1,586	50.8	2.2	(46.4–55.2)
Worcester County, Massachusetts	1,825	50.6	2.0	(46.6–54.6)
Kent County, Michigan	422	51.7	3.4	(45.1–58.3)
Macomb County, Michigan	475	53.9	3.0	(48.0–59.8)
Oakland County, Michigan	867	50.5	2.2	(46.1–54.9)
Wayne County, Michigan	1,854	48.0	1.9	(44.4–51.6)
Anoka County, Minnesota	290	54.5	3.5	(47.7–61.3)
Dakota County, Minnesota	371	56.4	3.2	(50.2–62.6)
Hennepin County, Minnesota	1,119	51.1	2.0	(47.1–55.1)
Ramsey County, Minnesota	519	51.4	2.9	(45.7–57.1)
DeSoto County, Mississippi	583	40.8	3.2	(34.6–47.0)
George County, Mississippi	354	35.8	3.4	(29.2–42.4)
Hancock County, Mississippi	315	40.6	3.8	(33.2–48.0)
Harrison County, Mississippi	273	33.6	4.3	(25.1–42.1)
Hinds County, Mississippi	475	39.4	3.0	(33.6–45.2)
Jackson County, Mississippi	308	40.6	3.9	(33.0–48.2)
Rankin County, Mississippi	307	45.5	3.7	(38.3–52.7)

See table footnotes on page 85.

**TABLE 24. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	303	41.0	3.8	(33.6–48.4)
Jackson County, Missouri	452	49.1	3.0	(43.3–54.9)
St. Louis County, Missouri	440	58.7	3.4	(52.1–65.3)
St. Louis City, Missouri	430	49.0	4.0	(41.2–56.8)
Flathead County, Montana	504	62.7	2.8	(57.1–68.3)
Gallatin County, Montana	555	63.7	3.1	(57.7–69.7)
Silver Bow County, Montana	536	53.8	3.1	(47.8–59.8)
Yellowstone County, Montana	530	54.3	2.7	(48.9–59.7)
Adams County, Nebraska	414	48.0	3.3	(41.5–54.5)
Dakota County, Nebraska	640	51.0	2.5	(46.0–56.0)
Douglas County, Nebraska	861	52.9	2.3	(48.4–57.4)
Hall County, Nebraska	551	48.7	2.8	(43.1–54.3)
Lancaster County, Nebraska	749	51.6	2.9	(46.0–57.2)
Lincoln County, Nebraska	450	52.3	3.6	(45.2–59.4)
Madison County, Nebraska	380	49.3	3.4	(42.6–56.0)
Sarpy County, Nebraska	537	52.9	3.3	(46.4–59.4)
Scotts Bluff County, Nebraska	696	46.8	2.6	(41.8–51.8)
Seward County, Nebraska	252	53.8	3.9	(46.2–61.4)
Clark County, Nevada	1,112	49.1	2.0	(45.1–53.1)
Washoe County, Nevada	1,184	56.5	1.9	(52.7–60.3)
Grafton County, New Hampshire	484	55.4	3.2	(49.2–61.6)
Hillsborough County, New Hampshire	1,349	52.1	2.3	(47.6–56.6)
Merrimack County, New Hampshire	588	57.2	2.7	(52.0–62.4)
Rockingham County, New Hampshire	939	51.9	2.2	(47.6–56.2)
Strafford County, New Hampshire	592	53.9	2.9	(48.1–59.7)
Atlantic County, New Jersey	830	47.5	2.5	(42.6–52.4)
Bergen County, New Jersey	558	47.6	2.9	(41.9–53.3)
Burlington County, New Jersey	514	54.6	2.8	(49.1–60.1)
Camden County, New Jersey	557	52.4	2.8	(46.9–57.9)
Cape May County, New Jersey	458	50.4	3.2	(44.2–56.6)
Essex County, New Jersey	949	43.1	2.3	(38.6–47.6)
Gloucester County, New Jersey	470	52.7	3.0	(46.8–58.6)
Hudson County, New Jersey	889	45.7	2.2	(41.3–50.1)
Hunterdon County, New Jersey	502	51.7	2.9	(46.0–57.4)
Mercer County, New Jersey	454	46.5	2.9	(40.7–52.3)
Middlesex County, New Jersey	547	49.3	3.0	(43.4–55.2)
Monmouth County, New Jersey	509	49.7	2.7	(44.3–55.1)
Morris County, New Jersey	649	53.1	2.8	(47.7–58.5)
Ocean County, New Jersey	465	45.2	3.0	(39.4–51.0)
Passaic County, New Jersey	457	42.1	3.1	(36.0–48.2)
Somerset County, New Jersey	510	42.6	2.8	(37.2–48.0)
Sussex County, New Jersey	443	46.6	3.1	(40.5–52.7)
Union County, New Jersey	463	39.2	3.0	(33.4–45.0)
Warren County, New Jersey	436	52.1	3.1	(46.0–58.2)
Bernalillo County, New Mexico	1,350	52.9	2.0	(49.0–56.8)
Dona Ana County, New Mexico	683	47.9	2.8	(42.4–53.4)
McKinley County, New Mexico	517	51.5	2.8	(46.0–57.0)
Sandoval County, New Mexico	596	60.0	2.8	(54.4–65.6)
San Juan County, New Mexico	819	53.5	2.5	(48.6–58.4)
Santa Fe County, New Mexico	717	61.9	2.5	(56.9–66.9)
Valencia County, New Mexico	354	53.9	3.5	(47.0–60.8)
Erie County, New York	407	43.2	3.3	(36.7–49.7)
Kings County, New York	394	46.8	3.2	(40.6–53.0)
Monroe County, New York	345	56.1	3.5	(49.3–62.9)
Nassau County, New York	399	46.6	3.2	(40.4–52.8)
New York County, New York	473	59.7	3.0	(53.8–65.6)
Queens County, New York	427	40.5	3.1	(34.5–46.5)
Suffolk County, New York	457	52.5	3.0	(46.7–58.3)
Westchester County, New York	304	55.0	3.7	(47.7–62.3)
Buncombe County, North Carolina	373	52.8	3.1	(46.8–58.8)
Cabarrus County, North Carolina	318	45.6	3.5	(38.7–52.5)
Catawba County, North Carolina	334	40.9	3.7	(33.7–48.1)
Cumberland County, North Carolina	353	50.6	3.3	(44.0–57.2)

See table footnotes on page 85.

**TABLE 24. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	397	45.4	3.4	(38.7–52.1)
Gaston County, North Carolina	316	46.6	3.5	(39.7–53.5)
Guilford County, North Carolina	392	47.9	3.5	(41.0–54.8)
Henderson County, North Carolina	241	51.3	4.1	(43.3–59.3)
Johnston County, North Carolina	331	45.0	3.5	(38.1–51.9)
Mecklenburg County, North Carolina	581	47.0	2.7	(41.7–52.3)
New Hanover County, North Carolina	381	54.0	3.7	(46.8–61.2)
Orange County, North Carolina	339	45.1	3.7	(37.9–52.3)
Randolph County, North Carolina	323	49.0	3.4	(42.3–55.7)
Union County, North Carolina	343	57.1	3.6	(50.1–64.1)
Wake County, North Carolina	556	46.4	2.7	(41.0–51.8)
Burleigh County, North Dakota	522	53.1	3.0	(47.2–59.0)
Cass County, North Dakota	692	51.7	2.6	(46.7–56.7)
Ward County, North Dakota	431	50.4	3.1	(44.4–56.4)
Cuyahoga County, Ohio	647	48.8	2.6	(43.8–53.8)
Franklin County, Ohio	622	45.1	2.6	(40.0–50.2)
Hamilton County, Ohio	643	45.2	2.6	(40.2–50.2)
Lucas County, Ohio	630	51.5	2.7	(46.1–56.9)
Mahoning County, Ohio	636	50.7	2.6	(45.7–55.7)
Montgomery County, Ohio	630	53.4	2.5	(48.5–58.3)
Stark County, Ohio	634	52.1	2.6	(47.0–57.2)
Summit County, Ohio	631	52.8	2.6	(47.6–58.0)
Canadian County, Oklahoma	252	41.7	3.8	(34.2–49.2)
Cleveland County, Oklahoma	402	52.2	3.3	(45.8–58.6)
Oklahoma County, Oklahoma	1,160	43.3	1.9	(39.6–47.0)
Tulsa County, Oklahoma	1,501	46.3	1.6	(43.1–49.5)
Clackamas County, Oregon	391	54.6	3.2	(48.3–60.9)
Multnomah County, Oregon	590	55.4	2.8	(50.0–60.8)
Washington County, Oregon	399	55.6	3.5	(48.7–62.5)
Allegheny County, Pennsylvania	644	50.3	2.5	(45.3–55.3)
Bucks County, Pennsylvania	283	49.7	3.6	(42.6–56.8)
Delaware County, Pennsylvania	228	51.4	4.2	(43.1–59.7)
Fayette County, Pennsylvania	727	47.7	2.7	(42.5–52.9)
Luzerne County, Pennsylvania	694	49.5	2.6	(44.4–54.6)
Montgomery County, Pennsylvania	358	47.8	3.1	(41.7–53.9)
Philadelphia County, Pennsylvania	434	44.9	3.3	(38.4–51.4)
Westmoreland County, Pennsylvania	229	51.8	3.8	(44.4–59.2)
Kent County, Rhode Island	820	44.6	2.1	(40.5–48.7)
Newport County, Rhode Island	446	48.6	3.2	(42.4–54.8)
Providence County, Rhode Island	3,718	46.1	1.2	(43.7–48.5)
Washington County, Rhode Island	667	59.5	2.5	(54.6–64.4)
Aiken County, South Carolina	415	44.0	3.2	(37.6–50.4)
Beaufort County, South Carolina	627	53.8	3.0	(47.9–59.7)
Berkeley County, South Carolina	322	42.7	4.5	(33.8–51.6)
Charleston County, South Carolina	614	49.8	3.9	(42.2–57.4)
Greenville County, South Carolina	498	50.7	3.6	(43.7–57.7)
Horry County, South Carolina	622	47.3	2.9	(41.7–52.9)
Richland County, South Carolina	665	44.3	3.7	(37.0–51.6)
Minnehaha County, South Dakota	564	37.1	2.8	(31.7–42.5)
Pennington County, South Dakota	736	47.9	2.3	(43.3–52.5)
Davidson County, Tennessee	403	42.0	3.7	(34.8–49.2)
Hamilton County, Tennessee	397	35.5	3.3	(29.0–42.0)
Shelby County, Tennessee	336	38.5	3.7	(31.2–45.8)
Sullivan County, Tennessee	320	36.3	4.0	(28.4–44.2)
Bexar County, Texas	622	49.2	2.8	(43.7–54.7)
Dallas County, Texas	286	42.6	4.1	(34.6–50.6)
El Paso County, Texas	843	50.3	2.3	(45.8–54.8)
Fort Bend County, Texas	644	50.1	3.0	(44.1–56.1)
Harris County, Texas	1,062	44.3	2.1	(40.2–48.4)
Hidalgo County, Texas	476	45.0	3.2	(38.7–51.3)
Lubbock County, Texas	469	45.6	3.4	(38.9–52.3)
Tarrant County, Texas	449	54.6	3.0	(48.6–60.6)
Travis County, Texas	865	61.4	3.0	(55.6–67.2)

See table footnotes on page 85.



**TABLE 24. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for moderate or vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	563	48.4	3.5	(41.6–55.2)
Davis County, Utah	751	50.4	2.2	(46.0–54.8)
Salt Lake County, Utah	3,051	57.4	1.2	(55.1–59.7)
Summit County, Utah	464	67.3	2.8	(61.8–72.8)
Tooele County, Utah	464	56.6	3.1	(50.6–62.6)
Utah County, Utah	1,013	59.7	2.2	(55.3–64.1)
Wasatch County, Utah	499	64.3	3.0	(58.5–70.1)
Weber County, Utah	719	61.1	2.2	(56.7–65.5)
Chittenden County, Vermont	1,316	57.1	1.9	(53.3–60.9)
Franklin County, Vermont	417	56.1	2.9	(50.4–61.8)
Orange County, Vermont	335	62.5	3.1	(56.4–68.6)
Rutland County, Vermont	661	52.4	2.4	(47.7–57.1)
Washington County, Vermont	643	64.9	2.4	(60.2–69.6)
Windsor County, Vermont	592	56.4	2.4	(51.6–61.2)
Benton County, Washington	400	49.4	3.3	(42.9–55.9)
Chelan County, Washington	278	54.3	3.7	(47.1–61.5)
Clark County, Washington	1,066	55.7	2.0	(51.8–59.6)
Douglas County, Washington	252	46.5	5.1	(36.6–56.4)
King County, Washington	3,042	53.9	1.2	(51.6–56.2)
Kitsap County, Washington	894	57.8	2.1	(53.7–61.9)
Pierce County, Washington	1,638	54.3	1.7	(50.9–57.7)
Skamania County, Washington	235	47.7	4.0	(39.8–55.6)
Snohomish County, Washington	1,571	50.1	1.7	(46.8–53.4)
Spokane County, Washington	1,172	54.5	2.0	(50.5–58.5)
Thurston County, Washington	773	59.1	2.2	(54.8–63.4)
Yakima County, Washington	729	47.0	2.5	(42.2–51.8)
Kanawha County, West Virginia	547	35.4	2.6	(30.2–40.6)
Milwaukee County, Wisconsin	554	55.6	3.5	(48.8–62.4)
Fremont County, Wyoming	461	61.7	2.9	(56.0–67.4)
Laramie County, Wyoming	868	54.0	2.4	(49.4–58.6)
Natrona County, Wyoming	723	51.0	2.5	(46.1–55.9)
<i>Median</i>		50.9		
<i>Range</i>		33.6–67.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in moderate physical activity 30 or more minutes per day for 5 or more days per week or engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.

**TABLE 25. Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,346	21.1	0.9	(19.4–22.8)
Alaska	2,236	40.1	1.7	(36.8–43.4)
Arizona	5,147	30.1	1.3	(27.5–32.7)
Arkansas	3,690	25.3	1.2	(23.0–27.6)
California	14,980	32.9	0.6	(31.8–34.0)
Colorado	10,585	34.6	0.7	(33.2–36.0)
Connecticut	6,127	32.0	0.9	(30.1–33.9)
Delaware	3,861	29.3	1.2	(26.9–31.7)
District of Columbia	3,646	34.1	1.1	(32.0–36.2)
Florida	11,098	25.6	0.9	(23.9–27.3)
Georgia	5,471	27.5	1.0	(25.5–29.5)
Hawaii	6,374	34.5	0.9	(32.7–36.3)
Idaho	5,032	36.0	1.0	(34.0–38.0)
Illinois	5,610	31.8	0.9	(30.0–33.6)
Indiana	8,494	28.2	0.8	(26.7–29.7)
Iowa	5,692	26.9	0.9	(25.2–28.6)
Kansas	18,288	27.5	0.5	(26.5–28.5)
Kentucky	9,099	23.6	0.9	(21.8–25.4)
Louisiana	8,547	22.0	0.7	(20.6–23.4)
Maine	7,671	32.7	0.8	(31.2–34.2)
Maryland	8,082	29.9	0.8	(28.3–31.5)
Massachusetts	15,047	30.8	0.7	(29.4–32.2)
Michigan	8,638	31.3	0.8	(29.8–32.8)
Minnesota	5,542	29.4	1.0	(27.5–31.3)
Mississippi	10,554	19.7	0.7	(18.4–21.0)
Missouri	4,655	27.8	1.1	(25.7–29.9)
Montana	7,152	36.3	0.9	(34.4–38.2)
Nebraska	14,968	29.7	0.9	(28.0–31.4)
Nevada	3,600	29.9	1.4	(27.1–32.7)
New Hampshire	5,710	32.9	1.0	(30.9–34.9)
New Jersey	11,463	26.8	0.7	(25.4–28.2)
New Mexico	8,212	32.3	0.9	(30.6–34.0)
New York	6,369	28.4	0.9	(26.7–30.1)
North Carolina	12,528	25.9	0.8	(24.4–27.4)
North Dakota	4,434	29.2	1.0	(27.2–31.2)
Ohio	9,235	27.6	0.7	(26.2–29.0)
Oklahoma	7,535	25.8	0.8	(24.3–27.3)
Oregon	3,973	33.7	1.1	(31.5–35.9)
Pennsylvania	8,556	27.9	0.8	(26.4–29.4)
Rhode Island	5,996	29.0	0.9	(27.2–30.8)
South Carolina	9,182	24.4	0.9	(22.7–26.1)
South Dakota	6,490	23.9	0.9	(22.1–25.7)
Tennessee	5,095	17.2	0.9	(15.4–19.0)
Texas	10,835	28.6	0.8	(27.0–30.2)
Utah	9,587	38.1	0.8	(36.6–39.6)
Vermont	6,302	34.5	0.8	(32.9–36.1)
Virginia	4,803	31.8	1.3	(29.2–34.4)
Washington	19,415	30.4	0.5	(29.4–31.4)
West Virginia	4,755	15.6	0.7	(14.2–17.0)
Wisconsin	4,181	31.1	1.2	(28.7–33.5)
Wyoming	5,698	35.3	1.0	(33.4–37.2)
Guam	1,240	26.5	1.7	(23.2–29.8)
Puerto Rico	4,168	13.7	0.8	(12.1–15.3)
Virgin Islands	2,320	26.8	1.2	(24.4–29.2)
<i>Median</i>		29.3		
<i>Range</i>		13.7–40.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.

**TABLE 26. Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	728	30.3	2.6	(25.2–35.4)
Albuquerque, New Mexico	2,433	33.8	1.5	(30.8–36.8)
Alexandria, Louisiana	505	23.0	2.6	(17.8–28.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	811	27.9	2.6	(22.8–33.0)
Anchorage, Alaska	478	40.6	2.8	(35.2–46.0)
Asheville, North Carolina	805	29.9	2.2	(25.6–34.2)
Atlanta–Sandy Springs–Marietta, Georgia	2,195	29.7	1.6	(26.5–32.9)
Atlantic City–Hammonton, New Jersey	858	26.0	2.0	(22.0–30.0)
Augusta–Richmond County, Georgia–South Carolina	816	23.5	2.3	(18.9–28.1)
Augusta–Waterville, Maine	623	29.2	2.5	(24.2–34.2)
Austin–Round Rock, Texas	1,525	36.5	2.8	(31.0–42.0)
Baltimore–Towson, Maryland	2,943	29.9	1.2	(27.5–32.3)
Bangor, Maine	708	29.6	2.4	(25.0–34.2)
Barre, Vermont	661	40.3	2.6	(35.2–45.4)
Baton Rouge, Louisiana	1,164	23.6	1.8	(20.0–27.2)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,527	31.2	1.7	(27.9–34.5)
Billings, Montana	591	34.8	2.7	(29.4–40.2)
Birmingham–Hoover, Alabama	1,082	24.9	2.0	(20.9–28.9)
Bismarck, North Dakota	690	31.2	2.6	(26.2–36.2)
Boise City–Nampa, Idaho	1,201	38.1	1.9	(34.3–41.9)
Boston–Quincy, Massachusetts <sup>†</sup>	3,043	30.3	1.5	(27.4–33.2)
Bozeman, Montana	565	43.3	3.3	(36.9–49.7)
Bremerton–Silverdale, Washington	908	33.3	2.2	(29.0–37.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,832	33.7	1.8	(30.1–37.3)
Buffalo–Niagara Falls, New York	516	29.8	2.8	(24.2–35.4)
Burlington–South Burlington, Vermont	1,835	33.8	1.6	(30.6–37.0)
Butte–Silver Bow, Montana	546	30.3	2.7	(24.9–35.7)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,783	32.7	1.5	(29.7–35.7)
Camden, New Jersey <sup>†</sup>	1,579	30.9	1.6	(27.7–34.1)
Canton–Massillon, Ohio	680	32.9	2.5	(27.9–37.9)
Casper, Wyoming	734	30.3	2.3	(25.8–34.8)
Cedar Rapids, Iowa	563	27.2	2.6	(22.0–32.4)
Charleston, West Virginia	850	13.8	1.6	(10.7–16.9)
Charleston–North Charleston–Summerville, South Carolina	1,118	24.7	2.4	(19.9–29.5)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,767	26.8	1.7	(23.5–30.1)
Chattanooga, Tennessee–Georgia	550	21.9	3.4	(15.3–28.5)
Cheyenne, Wyoming	883	34.1	2.4	(29.5–38.7)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,333	31.2	1.1	(29.1–33.3)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,624	28.0	1.9	(24.3–31.7)
Cleveland–Elyria–Mentor, Ohio	1,042	30.2	1.9	(26.5–33.9)
Colorado Springs, Colorado	1,054	36.5	2.0	(32.6–40.4)
Columbia, South Carolina	1,107	29.4	2.6	(24.3–34.5)
Columbus, Ohio	1,324	27.6	1.7	(24.3–30.9)
Concord, New Hampshire	607	36.9	2.8	(31.4–42.4)
Dallas–Plano–Irving, Texas <sup>†</sup>	554	26.2	2.8	(20.6–31.8)
Davenport–Moline–Rock Island, Iowa–Illinois	494	30.7	3.5	(23.9–37.5)
Dayton, Ohio	776	32.4	2.6	(27.4–37.4)
Denver–Aurora, Colorado	4,362	33.8	1.0	(31.8–35.8)
Des Moines–West Des Moines, Iowa	1,008	29.0	1.9	(25.2–32.8)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	1,920	31.0	1.9	(27.4–34.6)
Dover, Delaware	1,265	24.5	1.6	(21.3–27.7)
Durham, North Carolina	861	26.4	2.8	(20.9–31.9)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,090	25.3	1.4	(22.6–28.0)
El Paso, Texas	852	29.5	2.2	(25.2–33.8)
Evansville, Indiana–Kentucky	538	28.7	2.9	(23.0–34.4)
Fargo, North Dakota–Minnesota	762	28.6	3.6	(21.6–35.6)
Farmington, New Mexico	835	31.8	2.4	(27.1–36.5)
Fayetteville, North Carolina	507	33.5	3.3	(27.0–40.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	623	29.7	3.2	(23.5–35.9)
Fort Collins–Loveland, Colorado	523	37.9	3.1	(31.8–44.0)
Fort Wayne, Indiana	565	32.2	2.6	(27.2–37.2)
Fort Worth–Arlington, Texas <sup>†</sup>	567	31.7	2.7	(26.4–37.0)
Gallup, New Mexico	527	32.3	2.6	(27.1–37.5)

See table footnotes on page 89.

**TABLE 26. (Continued) Estimated proportion of adults aged ≥18 years who met recommendation for vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	777	28.4	2.3	(23.9–32.9)
Grand Rapids–Wyoming, Michigan	605	29.9	2.5	(25.0–34.8)
Greeley, Colorado	442	38.9	3.6	(31.9–45.9)
Greensboro–High Point, North Carolina	776	29.1	2.7	(23.8–34.4)
Greenville–Mauldin–Easley, South Carolina	823	27.6	2.8	(22.1–33.1)
Gulfport–Biloxi, Mississippi	916	18.6	2.9	(12.9–24.3)
Hagerstown–Martinsburg, Maryland–West Virginia	587	24.6	2.5	(19.8–29.4)
Hartford–West Hartford–East Hartford, Connecticut	1,951	33.1	1.7	(29.7–36.5)
Hastings, Nebraska	542	29.2	2.8	(23.8–34.6)
Heber, Utah	506	41.1	3.5	(34.3–47.9)
Hickory–Lenoir–Morganton, North Carolina	748	24.5	2.3	(20.0–29.0)
Hilo, Hawaii	1,421	35.4	1.7	(32.0–38.8)
Hilton Head Island–Beaufort, South Carolina	750	31.8	2.9	(26.1–37.5)
Honolulu, Hawaii	2,877	33.9	1.2	(31.6–36.2)
Houma–Bayou Cane–Thibodaux, Louisiana	518	23.4	2.9	(17.7–29.1)
Houston–Sugar Land–Baytown, Texas	2,023	28.5	1.6	(25.4–31.6)
Huntington–Ashland, West Virginia–Kentucky–Ohio	672	17.5	2.1	(13.4–21.6)
Idaho Falls, Idaho	467	31.4	2.9	(25.8–37.0)
Indianapolis–Carmel, Indiana	2,023	28.5	1.6	(25.4–31.6)
Jackson, Mississippi	1,149	24.4	1.8	(20.9–27.9)
Jacksonville, Florida	1,009	28.3	2.3	(23.7–32.9)
Kahului–Wailuku, Hawaii	1,458	37.8	2.0	(33.9–41.7)
Kalispell, Montana	516	37.5	3.0	(31.6–43.4)
Kansas City, Missouri–Kansas	5,981	29.5	1.3	(27.0–32.0)
Kapaa, Hawaii	618	35.3	2.7	(29.9–40.7)
Kennewick–Pasco–Richland, Washington	640	26.3	2.5	(21.4–31.2)
Kingsport–Bristol–Bristol, Tennessee–Virginia	476	17.9	3.5	(11.1–24.7)
Lake Charles, Louisiana	602	22.3	2.5	(17.4–27.2)
Las Cruces, New Mexico	694	29.7	2.8	(24.3–35.1)
Las Vegas–Paradise, Nevada	1,129	27.8	2.0	(24.0–31.6)
Lawrence, Kansas	587	29.6	3.2	(23.4–35.8)
Lebanon, New Hampshire–Vermont	1,438	35.1	1.7	(31.8–38.4)
Lewiston, Idaho–Washington	519	28.8	2.9	(23.1–34.5)
Lincoln, Nebraska	1,019	34.6	2.6	(29.5–39.7)
Little Rock–North Little Rock–Conway, Arkansas	784	23.7	2.3	(19.1–28.3)
Los Angeles–Long Beach–Glendale, California†	1,820	28.0	1.4	(25.2–30.8)
Louisville/Jefferson County, Kentucky–Indiana	2,184	23.9	2.2	(19.6–28.2)
Lubbock, Texas	496	26.5	3.2	(20.3–32.7)
Manchester–Nashua, New Hampshire	1,362	30.5	2.3	(26.1–34.9)
Manhattan, Kansas	575	30.5	3.0	(24.7–36.3)
McAllen–Edinburg–Mission, Texas	488	25.9	2.9	(20.2–31.6)
Memphis, Tennessee–Mississippi–Arkansas	1,426	22.3	2.6	(17.3–27.3)
Miami–Fort Lauderdale–Pompano Beach, Florida	758	24.9	2.4	(20.2–29.6)
Milwaukee–Waukesha–West Allis, Wisconsin	759	34.1	2.9	(28.4–39.8)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,091	31.1	1.2	(28.7–33.5)
Minot, North Dakota	514	26.8	2.5	(21.9–31.7)
Mobile, Alabama	666	17.5	2.1	(13.4–21.6)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	646	24.0	2.5	(19.1–28.9)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	793	20.9	2.3	(16.3–25.5)
Nassau–Suffolk, New York†	878	28.0	2.1	(23.9–32.1)
Newark–Union, New Jersey–Pennsylvania†	3,114	25.8	1.3	(23.2–28.4)
New Haven–Milford, Connecticut	1,550	27.0	1.9	(23.3–30.7)
New Orleans–Metairie–Kenner, Louisiana	1,562	22.6	1.7	(19.2–26.0)
New York–White Plains–Wayne, New York–New Jersey†	4,047	25.4	1.1	(23.3–27.5)
Norfolk, Nebraska	591	26.8	2.6	(21.8–31.8)
North Platte, Nebraska	488	30.5	3.0	(24.6–36.4)
Oakland–Fremont–Hayward, California†	1,135	36.6	2.0	(32.7–40.5)
Ocean City, New Jersey	473	27.7	2.9	(22.1–33.3)
Ogden–Clearfield, Utah	1,546	37.4	1.6	(34.2–40.6)
Oklahoma City, Oklahoma	2,211	26.6	1.4	(23.9–29.3)
Olympia, Washington	788	31.0	2.2	(26.7–35.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,213	29.9	1.7	(26.7–33.1)
Orlando–Kissimmee, Florida	827	25.0	2.6	(19.9–30.1)

See table footnotes on page 89.

**TABLE 26. (Continued) Estimated proportion of adults aged ≥18 years who met recommendation for vigorous physical activity,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	672	20.2	3.0	(14.2–26.2)
Peabody, Massachusetts†	2,065	28.8	1.9	(25.1–32.5)
Philadelphia, Pennsylvania†	1,556	26.5	1.6	(23.4–29.6)
Phoenix–Mesa–Scottsdale, Arizona	1,489	31.0	1.9	(27.2–34.8)
Pittsburgh, Pennsylvania	2,029	26.1	1.7	(22.8–29.4)
Portland–South Portland–Biddeford, Maine	2,537	35.6	1.3	(33.1–38.1)
Portland–Vancouver–Beaverton, Oregon–Washington	2,906	32.8	1.4	(30.0–35.6)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,672	29.1	0.9	(27.3–30.9)
Provo–Orem, Utah	1,086	42.2	2.2	(37.8–46.6)
Raleigh–Cary, North Carolina	954	26.2	2.0	(22.3–30.1)
Rapid City, South Dakota	957	27.2	2.0	(23.3–31.1)
Reno–Sparks, Nevada	1,215	34.7	1.9	(31.0–38.4)
Richmond, Virginia	748	32.4	2.7	(27.0–37.8)
Riverside–San Bernardino–Ontario, California	1,745	33.2	1.6	(30.0–36.4)
Riverton, Wyoming	474	33.9	3.2	(27.6–40.2)
Rochester, New York	523	30.6	3.0	(24.7–36.5)
Rockingham County–Strafford County, New Hampshire†	1,557	34.2	1.9	(30.5–37.9)
Rutland, Vermont	677	31.1	2.4	(26.5–35.7)
Sacramento–Arden–Arcade–Roseville, California	1,147	33.8	2.0	(29.9–37.7)
St. Louis, Missouri–Illinois	1,487	28.5	1.9	(24.8–32.2)
Salt Lake City, Utah	4,045	38.3	1.1	(36.2–40.4)
San Antonio, Texas	764	33.9	2.7	(28.5–39.3)
San Diego–Carlsbad–San Marcos, California	1,452	41.2	1.8	(37.6–44.8)
San Francisco–San Mateo–Redwood City, California†	897	33.4	2.1	(29.4–37.4)
San Jose–Sunnyvale–Santa Clara, California	805	29.1	2.1	(24.9–33.3)
Santa Ana–Anaheim–Irvine, California†	1,303	36.3	1.8	(32.7–39.9)
Santa Fe, New Mexico	725	39.3	2.7	(34.1–44.5)
Scottsbluff, Nebraska	721	24.5	2.2	(20.2–28.8)
Scranton–Wilkes-Barre, Pennsylvania	871	29.7	2.8	(24.2–35.2)
Seaford, Delaware	1,290	28.7	1.9	(25.0–32.4)
Seattle–Bellevue–Everett, Washington†	4,685	30.4	1.0	(28.5–32.3)
Shreveport–Bossier City, Louisiana	659	22.3	2.4	(17.6–27.0)
Sioux City, Iowa–Nebraska–South Dakota	1,070	19.5	2.5	(14.5–24.5)
Sioux Falls, South Dakota	813	20.7	2.2	(16.4–25.0)
Spokane, Washington	1,193	29.4	1.9	(25.7–33.1)
Springfield, Massachusetts	1,891	33.8	2.0	(29.9–37.7)
Tacoma, Washington†	1,678	32.1	1.6	(28.9–35.3)
Tallahassee, Florida	542	31.0	5.1	(21.1–40.9)
Tampa–St. Petersburg–Clearwater, Florida	803	24.5	2.4	(19.7–29.3)
Toledo, Ohio	797	28.1	2.6	(23.1–33.1)
Topeka, Kansas	1,883	25.9	1.5	(22.9–28.9)
Trenton–Ewing, New Jersey	473	28.4	2.7	(23.1–33.7)
Tucson, Arizona	665	29.4	2.6	(24.3–34.5)
Tulsa, Oklahoma	2,220	25.1	1.4	(22.4–27.8)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	964	33.6	2.6	(28.6–38.6)
Warren–Troy–Farmington Hills, Michigan†	1,712	32.1	1.6	(29.0–35.2)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,739	33.2	2.0	(29.4–37.0)
Wenatchee, Washington	541	30.3	2.8	(24.9–35.7)
Wichita, Kansas	3,779	28.4	1.1	(26.3–30.5)
Wilmington, Delaware–Maryland–New Jersey†	1,710	30.1	1.6	(27.0–33.2)
Wilmington, North Carolina	474	26.5	3.8	(19.1–33.9)
Worcester, Massachusetts	1,862	28.4	1.7	(25.0–31.8)
Yakima, Washington	749	26.9	2.3	(22.4–31.4)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	839	29.2	2.7	(23.9–34.5)
<i>Median</i>		<b>29.7</b>		
<i>Range</i>		<b>13.8–43.3</b>		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.

† Metropolitan division.



**TABLE 27. Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	567	25.5	2.7	(20.3–30.7)
Mobile County, Alabama	666	17.5	2.1	(13.4–21.6)
Anchorage Municipality, Alaska	347	36.1	3.2	(29.8–42.4)
Maricopa County, Arizona	1,132	30.7	2.0	(26.7–34.7)
Pima County, Arizona	665	29.4	2.6	(24.3–34.5)
Pinal County, Arizona	357	33.3	4.4	(24.6–42.0)
Benton County, Arkansas	307	31.7	4.0	(23.8–39.6)
Pulaski County, Arkansas	516	23.4	2.8	(17.9–28.9)
Washington County, Arkansas	275	27.9	4.4	(19.2–36.6)
Alameda County, California	640	36.2	2.7	(30.9–41.5)
Contra Costa County, California	495	36.8	2.8	(31.3–42.3)
Los Angeles County, California	1,820	28.0	1.4	(25.2–30.8)
Orange County, California	1,303	36.3	1.8	(32.7–39.9)
Riverside County, California	931	33.3	2.3	(28.8–37.8)
Sacramento County, California	692	31.3	2.4	(26.6–36.0)
San Bernardino County, California	814	32.4	2.2	(28.1–36.7)
San Diego County, California	1,452	41.2	1.8	(37.6–44.8)
San Francisco County, California	383	31.2	3.0	(25.3–37.1)
San Mateo County, California	325	37.6	3.4	(31.0–44.2)
Santa Clara County, California	783	29.3	2.2	(25.1–33.5)
Adams County, Colorado	776	28.8	2.1	(24.7–32.9)
Arapahoe County, Colorado	824	33.6	2.3	(29.0–38.2)
Denver County, Colorado	815	31.1	2.4	(26.5–35.7)
Douglas County, Colorado	508	41.3	2.9	(35.7–46.9)
El Paso County, Colorado	915	36.4	2.1	(32.3–40.5)
Jefferson County, Colorado	1,021	36.2	2.1	(32.2–40.2)
Larimer County, Colorado	523	37.9	3.1	(31.8–44.0)
Weld County, Colorado	442	38.9	3.6	(31.9–45.9)
Fairfield County, Connecticut	1,832	33.7	1.8	(30.1–37.3)
Hartford County, Connecticut	1,417	31.9	1.9	(28.2–35.6)
Middlesex County, Connecticut	251	33.0	3.8	(25.6–40.4)
New Haven County, Connecticut	1,550	27.0	1.9	(23.3–30.7)
Tolland County, Connecticut	283	35.6	3.8	(28.1–43.1)
Kent County, Delaware	1,265	24.5	1.6	(21.3–27.7)
New Castle County, Delaware	1,306	30.9	1.8	(27.3–34.5)
Sussex County, Delaware	1,290	28.7	1.9	(25.0–32.4)
District of Columbia	3,646	32.5	1.2	(30.2–34.8)
Broward County, Florida	249	25.2	4.1	(17.1–33.3)
Duval County, Florida	474	24.1	2.7	(18.8–29.4)
Hillsborough County, Florida	262	22.0	3.5	(15.2–28.8)
Miami–Dade County, Florida	246	23.0	3.5	(16.1–29.9)
Orange County, Florida	264	26.7	4.5	(17.9–35.5)
Osceola County, Florida	266	24.0	3.9	(16.4–31.6)
Palm Beach County, Florida	263	29.7	4.0	(21.8–37.6)
Pinellas County, Florida	250	24.7	3.5	(17.9–31.5)
Clayton County, Georgia	236	23.9	4.4	(15.2–32.6)
Cobb County, Georgia	271	37.1	4.2	(28.8–45.4)
DeKalb County, Georgia	291	27.3	3.7	(20.0–34.6)
Fulton County, Georgia	314	30.7	3.8	(23.2–38.2)
Hawaii County, Hawaii	1,421	35.4	1.7	(32.0–38.8)
Honolulu County, Hawaii	2,877	33.9	1.2	(31.6–36.2)
Kauai County, Hawaii	618	35.3	2.7	(29.9–40.7)
Maui County, Hawaii	1,458	37.8	2.0	(33.9–41.7)
Ada County, Idaho	638	40.2	2.5	(35.3–45.1)
Bonneville County, Idaho	363	31.5	3.2	(25.2–37.8)
Canyon County, Idaho	430	34.4	3.3	(27.9–40.9)
Nez Perce County, Idaho	286	29.6	3.8	(22.1–37.1)
Cook County, Illinois	1,801	30.1	1.6	(27.1–33.1)
DuPage County, Illinois	386	34.0	3.1	(27.9–40.1)
Lake County, Illinois	291	39.5	3.6	(32.5–46.5)
Will County, Illinois	289	33.4	3.6	(26.4–40.4)
Allen County, Indiana	476	32.0	2.8	(26.6–37.4)
Lake County, Indiana	880	29.0	3.0	(23.2–34.8)

See table footnotes on page 94.

**TABLE 27. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,369	28.6	2.0	(24.6–32.6)
Vanderburgh County, Indiana	236	29.1	4.1	(21.2–37.0)
Linn County, Iowa	492	28.2	2.8	(22.6–33.8)
Polk County, Iowa	774	27.9	2.1	(23.8–32.0)
Scott County, Iowa	348	27.6	3.2	(21.4–33.8)
Butler County, Kansas	428	24.9	2.9	(19.2–30.6)
Douglas County, Kansas	587	29.6	3.2	(23.4–35.8)
Johnson County, Kansas	3,135	33.7	1.2	(31.4–36.0)
Leavenworth County, Kansas	451	34.8	3.4	(28.1–41.5)
Riley County, Kansas	277	36.3	5.0	(26.4–46.2)
Sedgwick County, Kansas	2,924	29.1	1.2	(26.8–31.4)
Shawnee County, Kansas	1,363	25.1	1.8	(21.7–28.5)
Wyandotte County, Kansas	1,033	20.3	1.9	(16.5–24.1)
Jefferson County, Kentucky	1,709	22.1	3.1	(16.1–28.1)
Caddo Parish, Louisiana	418	24.8	3.3	(18.4–31.2)
Calcasieu Parish, Louisiana	586	22.6	2.6	(17.6–27.6)
East Baton Rouge Parish, Louisiana	699	25.7	2.4	(21.0–30.4)
Jefferson Parish, Louisiana	546	19.2	2.4	(14.5–23.9)
Orleans Parish, Louisiana	365	27.5	4.6	(18.5–36.5)
Rapides Parish, Louisiana	437	24.0	2.9	(18.3–29.7)
St. Tammany Parish, Louisiana	415	25.2	3.1	(19.2–31.2)
Terrebonne Parish, Louisiana	289	24.3	4.0	(16.4–32.2)
Cumberland County, Maine	1,287	36.8	1.8	(33.2–40.4)
Kennebec County, Maine	623	29.2	2.5	(24.2–34.2)
Penobscot County, Maine	708	29.6	2.4	(25.0–34.2)
Sagadahoc County, Maine	328	29.5	3.3	(23.1–35.9)
York County, Maine	922	34.7	2.1	(30.7–38.7)
Anne Arundel County, Maryland	529	34.3	2.7	(29.0–39.6)
Baltimore County, Maryland	929	28.1	2.1	(23.9–32.3)
Cecil County, Maryland	234	29.7	3.7	(22.5–36.9)
Charles County, Maryland	303	31.8	3.5	(25.0–38.6)
Frederick County, Maryland	517	29.2	2.8	(23.7–34.7)
Harford County, Maryland	247	32.0	3.8	(24.5–39.5)
Howard County, Maryland	322	31.9	3.1	(25.7–38.1)
Montgomery County, Maryland	1,010	32.3	1.9	(28.5–36.1)
Prince George's County, Maryland	595	28.2	2.5	(23.3–33.1)
Queen Anne's County, Maryland	250	33.7	3.9	(26.2–41.2)
Washington County, Maryland	330	28.7	3.6	(21.7–35.7)
Baltimore City, Maryland	487	23.4	2.5	(18.4–28.4)
Bristol County, Massachusetts	2,676	28.8	2.0	(24.8–32.8)
Essex County, Massachusetts	2,065	29.8	2.0	(25.8–33.8)
Hampden County, Massachusetts	1,448	26.2	2.0	(22.2–30.2)
Hampshire County, Massachusetts	268	42.8	4.1	(34.8–50.8)
Middlesex County, Massachusetts	2,783	33.7	1.5	(30.7–36.7)
Norfolk County, Massachusetts	845	32.0	2.3	(27.4–36.6)
Plymouth County, Massachusetts	582	29.3	2.6	(24.3–34.3)
Suffolk County, Massachusetts	1,616	30.5	2.1	(26.4–34.6)
Worcester County, Massachusetts	1,862	28.4	1.7	(25.0–31.8)
Kent County, Michigan	439	29.0	2.9	(23.3–34.7)
Macomb County, Michigan	497	30.9	2.9	(25.3–36.5)
Oakland County, Michigan	901	31.1	2.1	(27.0–35.2)
Wayne County, Michigan	1,920	31.0	1.9	(27.4–34.6)
Anoka County, Minnesota	289	33.3	3.5	(26.5–40.1)
Dakota County, Minnesota	376	33.3	3.3	(26.9–39.7)
Hennepin County, Minnesota	1,126	28.7	1.9	(24.9–32.5)
Ramsey County, Minnesota	528	28.5	2.7	(23.3–33.7)
DeSoto County, Mississippi	596	20.7	3.0	(14.7–26.7)
George County, Mississippi	359	16.3	2.6	(11.1–21.5)
Hancock County, Mississippi	326	20.8	3.1	(14.7–26.9)
Harrison County, Mississippi	278	15.5	3.2	(9.1–21.9)
Hinds County, Mississippi	483	25.4	2.7	(20.1–30.7)
Jackson County, Mississippi	313	20.5	3.4	(13.8–27.2)
Rankin County, Mississippi	313	27.2	3.5	(20.4–34.0)

See table footnotes on page 94.

**TABLE 27. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	312	19.3	3.2	(13.1–25.5)
Jackson County, Missouri	455	25.2	2.7	(20.0–30.4)
St. Louis County, Missouri	448	32.2	3.5	(25.3–39.1)
St. Louis City, Missouri	442	23.9	2.7	(18.6–29.2)
Flathead County, Montana	516	37.5	3.0	(31.6–43.4)
Gallatin County, Montana	565	43.3	3.3	(36.9–49.7)
Silver Bow County, Montana	546	30.3	2.7	(24.9–35.7)
Yellowstone County, Montana	541	35.1	2.8	(29.5–40.7)
Adams County, Nebraska	421	29.1	3.1	(23.0–35.2)
Dakota County, Nebraska	652	27.1	2.4	(22.5–31.7)
Douglas County, Nebraska	879	29.6	2.2	(25.3–33.9)
Hall County, Nebraska	557	27.7	2.6	(22.5–32.9)
Lancaster County, Nebraska	757	35.2	2.8	(29.7–40.7)
Lincoln County, Nebraska	459	30.8	3.2	(24.6–37.0)
Madison County, Nebraska	393	30.6	3.4	(24.0–37.2)
Sarpy County, Nebraska	548	33.8	3.4	(27.2–40.4)
Scotts Bluff County, Nebraska	705	25.0	2.3	(20.6–29.4)
Seward County, Nebraska	262	28.2	3.4	(21.5–34.9)
Clark County, Nevada	1,129	27.8	2.0	(24.0–31.6)
Washoe County, Nevada	1,187	34.6	1.9	(30.9–38.3)
Grafton County, New Hampshire	489	36.5	3.1	(30.4–42.6)
Hillsborough County, New Hampshire	1,362	30.5	2.3	(26.1–34.9)
Merrimack County, New Hampshire	607	36.9	2.8	(31.4–42.4)
Rockingham County, New Hampshire	954	33.9	2.2	(29.6–38.2)
Strafford County, New Hampshire	603	33.7	2.9	(28.0–39.4)
Atlantic County, New Jersey	858	26.0	2.0	(22.0–30.0)
Bergen County, New Jersey	579	27.9	2.6	(22.7–33.1)
Burlington County, New Jersey	527	33.9	2.9	(28.2–39.6)
Camden County, New Jersey	575	29.5	2.7	(24.1–34.9)
Cape May County, New Jersey	473	27.7	2.9	(22.1–33.3)
Essex County, New Jersey	968	24.2	2.0	(20.3–28.1)
Gloucester County, New Jersey	477	30.0	2.8	(24.5–35.5)
Hudson County, New Jersey	926	21.3	1.9	(17.6–25.0)
Hunterdon County, New Jersey	515	31.4	2.6	(26.3–36.5)
Mercer County, New Jersey	473	28.4	2.7	(23.1–33.7)
Middlesex County, New Jersey	563	24.5	2.6	(19.4–29.6)
Monmouth County, New Jersey	520	28.3	2.6	(23.2–33.4)
Morris County, New Jersey	664	33.2	2.8	(27.7–38.7)
Ocean County, New Jersey	485	22.4	2.5	(17.4–27.4)
Passaic County, New Jersey	466	24.8	2.7	(19.6–30.0)
Somerset County, New Jersey	522	27.2	2.5	(22.4–32.0)
Sussex County, New Jersey	456	23.4	2.6	(18.3–28.5)
Union County, New Jersey	475	20.5	2.5	(15.5–25.5)
Warren County, New Jersey	451	28.6	2.9	(23.0–34.2)
Bernalillo County, New Mexico	1,371	34.2	2.0	(30.3–38.1)
Dona Ana County, New Mexico	694	29.7	2.8	(24.3–35.1)
McKinley County, New Mexico	527	32.3	2.6	(27.1–37.5)
Sandoval County, New Mexico	610	34.5	2.9	(28.8–40.2)
San Juan County, New Mexico	835	31.8	2.4	(27.1–36.5)
Santa Fe County, New Mexico	725	39.3	2.7	(34.1–44.5)
Valencia County, New Mexico	360	31.0	3.3	(24.6–37.4)
Erie County, New York	420	27.6	2.9	(21.8–33.4)
Kings County, New York	406	23.4	2.7	(18.0–28.8)
Monroe County, New York	355	33.9	3.5	(27.0–40.8)
Nassau County, New York	405	27.1	2.9	(21.4–32.8)
New York County, New York	480	30.6	2.7	(25.2–36.0)
Queens County, New York	433	24.4	2.8	(18.9–29.9)
Suffolk County, New York	473	28.5	2.8	(23.0–34.0)
Westchester County, New York	313	27.2	3.6	(20.2–34.2)
Buncombe County, North Carolina	381	33.1	3.0	(27.2–39.0)
Cabarrus County, North Carolina	327	23.7	2.9	(18.0–29.4)
Catawba County, North Carolina	344	23.9	3.3	(17.5–30.3)
Cumberland County, North Carolina	359	34.4	3.4	(27.7–41.1)

See table footnotes on page 94.

**TABLE 27. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	406	27.9	3.1	(21.8–34.0)
Gaston County, North Carolina	324	21.8	3.1	(15.7–27.9)
Guilford County, North Carolina	403	30.7	3.7	(23.5–37.9)
Henderson County, North Carolina	247	22.9	3.3	(16.5–29.3)
Johnston County, North Carolina	343	27.9	3.0	(21.9–33.9)
Mecklenburg County, North Carolina	591	28.4	2.5	(23.6–33.2)
New Hanover County, North Carolina	390	32.3	3.7	(25.1–39.5)
Orange County, North Carolina	350	24.2	2.8	(18.7–29.7)
Randolph County, North Carolina	335	27.4	3.0	(21.4–33.4)
Union County, North Carolina	346	31.9	3.4	(25.1–38.7)
Wake County, North Carolina	572	27.3	2.4	(22.5–32.1)
Burleigh County, North Dakota	528	31.0	3.0	(25.2–36.8)
Cass County, North Dakota	703	29.7	2.4	(24.9–34.5)
Ward County, North Dakota	443	27.1	2.8	(21.7–32.5)
Cuyahoga County, Ohio	661	28.8	2.4	(24.0–33.6)
Franklin County, Ohio	632	27.9	2.3	(23.3–32.5)
Hamilton County, Ohio	654	26.4	2.3	(21.9–30.9)
Lucas County, Ohio	647	30.1	2.6	(25.0–35.2)
Mahoning County, Ohio	651	27.6	2.5	(22.8–32.4)
Montgomery County, Ohio	646	32.4	2.5	(27.6–37.2)
Stark County, Ohio	649	32.3	2.5	(27.4–37.2)
Summit County, Ohio	640	30.7	2.6	(25.6–35.8)
Canadian County, Oklahoma	256	27.4	3.5	(20.5–34.3)
Cleveland County, Oklahoma	407	31.3	3.5	(24.5–38.1)
Oklahoma County, Oklahoma	1,171	24.0	1.7	(20.7–27.3)
Tulsa County, Oklahoma	1,526	26.8	1.5	(23.8–29.8)
Clackamas County, Oregon	396	32.5	3.1	(26.4–38.6)
Multnomah County, Oregon	607	34.1	2.8	(28.7–39.5)
Washington County, Oregon	408	33.2	3.3	(26.6–39.8)
Allegheny County, Pennsylvania	661	24.0	2.2	(19.6–28.4)
Bucks County, Pennsylvania	288	24.9	3.3	(18.4–31.4)
Delaware County, Pennsylvania	235	27.8	4.0	(19.9–35.7)
Fayette County, Pennsylvania	754	26.0	2.5	(21.2–30.8)
Luzerne County, Pennsylvania	719	26.2	2.4	(21.6–30.8)
Montgomery County, Pennsylvania	367	26.0	2.8	(20.5–31.5)
Philadelphia County, Pennsylvania	452	24.6	2.9	(18.8–30.4)
Westmoreland County, Pennsylvania	237	24.7	3.3	(18.3–31.1)
Kent County, Rhode Island	829	24.9	1.8	(21.3–28.5)
Newport County, Rhode Island	454	30.3	3.0	(24.4–36.2)
Providence County, Rhode Island	3,801	27.3	1.2	(25.0–29.6)
Washington County, Rhode Island	674	36.8	2.6	(31.7–41.9)
Aiken County, South Carolina	431	25.0	2.9	(19.2–30.8)
Beaufort County, South Carolina	643	31.4	3.1	(25.4–37.4)
Berkeley County, South Carolina	341	24.7	3.8	(17.2–32.2)
Charleston County, South Carolina	648	26.0	3.8	(18.5–33.5)
Greenville County, South Carolina	518	29.1	3.4	(22.4–35.8)
Horry County, South Carolina	646	24.0	2.5	(19.1–28.9)
Richland County, South Carolina	692	27.0	3.4	(20.3–33.7)
Minnehaha County, South Dakota	578	16.9	2.0	(13.0–20.8)
Pennington County, South Dakota	754	26.4	2.2	(22.1–30.7)
Davidson County, Tennessee	406	23.4	3.5	(16.5–30.3)
Hamilton County, Tennessee	401	19.1	2.9	(13.3–24.9)
Shelby County, Tennessee	341	22.5	3.4	(15.8–29.2)
Sullivan County, Tennessee	330	14.2	3.5	(7.3–21.1)
Bexar County, Texas	628	33.7	2.8	(28.2–39.2)
Dallas County, Texas	292	27.3	3.7	(20.1–34.5)
El Paso County, Texas	852	29.5	2.2	(25.2–33.8)
Fort Bend County, Texas	646	33.0	3.2	(26.8–39.2)
Harris County, Texas	1,078	27.1	1.9	(23.5–30.7)
Hidalgo County, Texas	488	25.9	2.9	(20.2–31.6)
Lubbock County, Texas	482	26.7	3.2	(20.4–33.0)
Tarrant County, Texas	460	30.8	3.0	(24.9–36.7)
Travis County, Texas	884	40.3	3.2	(34.0–46.6)

See table footnotes on page 94.

**TABLE 27. (Continued) Estimated proportion of adults aged  $\geq 18$  years who met recommendation for vigorous physical activity,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	565	28.8	3.2	(22.6–35.0)
Davis County, Utah	777	33.8	2.1	(29.7–37.9)
Salt Lake County, Utah	3,105	37.9	1.2	(35.6–40.2)
Summit County, Utah	473	50.0	3.0	(44.1–55.9)
Tooele County, Utah	467	38.0	3.1	(31.8–44.2)
Utah County, Utah	1,030	42.2	2.3	(37.7–46.7)
Wasatch County, Utah	506	41.1	3.5	(34.3–47.9)
Weber County, Utah	737	42.3	2.4	(37.6–47.0)
Chittenden County, Vermont	1,334	35.4	1.9	(31.7–39.1)
Franklin County, Vermont	422	31.8	2.8	(26.3–37.3)
Orange County, Vermont	339	35.7	3.2	(29.5–41.9)
Rutland County, Vermont	677	31.1	2.4	(26.5–35.7)
Washington County, Vermont	661	40.3	2.6	(35.2–45.4)
Windsor County, Vermont	610	31.8	2.3	(27.3–36.3)
Benton County, Washington	408	26.3	3.0	(20.4–32.2)
Chelan County, Washington	284	31.0	3.5	(24.2–37.8)
Clark County, Washington	1,088	30.2	2.0	(26.3–34.1)
Douglas County, Washington	257	28.9	4.3	(20.5–37.3)
King County, Washington	3,082	31.6	1.1	(29.3–33.9)
Kitsap County, Washington	908	33.3	2.2	(29.0–37.6)
Pierce County, Washington	1,678	32.7	1.7	(29.3–36.1)
Skamania County, Washington	243	26.9	3.5	(20.0–33.8)
Snohomish County, Washington	1,603	30.9	1.6	(27.7–34.1)
Spokane County, Washington	1,193	29.4	1.9	(25.7–33.1)
Thurston County, Washington	788	31.0	2.2	(26.7–35.3)
Yakima County, Washington	749	26.9	2.3	(22.4–31.4)
Kanawha County, West Virginia	553	14.6	2.2	(10.3–18.9)
Milwaukee County, Wisconsin	562	35.6	3.5	(28.7–42.5)
Fremont County, Wyoming	474	33.9	3.2	(27.6–40.2)
Laramie County, Wyoming	883	34.1	2.4	(29.5–38.7)
Natrona County, Wyoming	734	30.3	2.3	(25.8–34.8)
<i>Median</i>		29.5		
<i>Range</i>		14.2–50.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Engaging in vigorous physical activity 20 or more minutes per day for 3 or more days per week.



**TABLE 28. Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,756	22.5	0.8	(20.9–24.1)
Alaska	2,411	20.6	1.2	(18.2–23.0)
Arizona	5,454	16.1	1.0	(14.1–18.1)
Arkansas	3,991	21.5	1.0	(19.5–23.5)
California	16,390	12.9	0.4	(12.1–13.7)
Colorado	11,902	17.1	0.6	(16.0–18.2)
Connecticut	6,465	15.4	0.8	(13.9–16.9)
Delaware	4,349	18.3	0.9	(16.5–20.1)
District of Columbia	3,875	15.3	0.8	(13.7–16.9)
Florida	11,982	17.1	0.7	(15.8–18.4)
Georgia	5,865	17.7	0.8	(16.1–19.3)
Hawaii	6,655	15.4	0.7	(14.1–16.7)
Idaho	5,370	16.3	0.8	(14.8–17.8)
Illinois	5,837	18.6	0.8	(17.1–20.1)
Indiana	9,244	23.1	0.7	(21.7–24.5)
Iowa	6,013	17.2	0.7	(15.8–18.6)
Kansas	18,847	17.8	0.4	(17.0–18.6)
Kentucky	9,619	25.6	0.9	(23.9–27.3)
Louisiana	8,856	22.1	0.7	(20.7–23.5)
Maine	8,038	17.3	0.6	(16.1–18.5)
Maryland	8,554	15.2	0.6	(14.0–16.4)
Massachusetts	16,633	15.0	0.5	(14.0–16.0)
Michigan	9,214	19.6	0.6	(18.4–20.8)
Minnesota	5,597	16.8	0.8	(15.3–18.3)
Mississippi	11,155	23.3	0.7	(22.0–24.6)
Missouri	5,042	23.1	1.0	(21.2–25.0)
Montana	7,596	16.8	0.7	(15.5–18.1)
Nebraska	15,944	16.7	0.7	(15.3–18.1)
Nevada	3,832	22.0	1.3	(19.5–24.5)
New Hampshire	5,959	15.8	0.8	(14.3–17.3)
New Jersey	12,321	15.8	0.6	(14.7–16.9)
New Mexico	8,813	17.9	0.7	(16.6–19.2)
New York	6,884	18.0	0.7	(16.6–19.4)
North Carolina	13,219	20.3	0.7	(19.0–21.6)
North Dakota	4,748	18.6	0.8	(16.9–20.3)
Ohio	9,733	20.3	0.6	(19.0–21.6)
Oklahoma	7,823	25.5	0.7	(24.1–26.9)
Oregon	4,271	17.9	0.9	(16.1–19.7)
Pennsylvania	9,140	20.2	0.7	(18.9–21.5)
Rhode Island	6,279	15.1	0.7	(13.7–16.5)
South Carolina	9,789	20.4	0.7	(19.0–21.8)
South Dakota	6,817	17.5	0.8	(16.0–19.0)
Tennessee	5,566	22.0	0.9	(20.1–23.9)
Texas	11,544	17.9	0.7	(16.4–19.4)
Utah	10,129	9.8	0.5	(8.9–10.7)
Vermont	6,628	17.1	0.7	(15.7–18.5)
Virginia	5,148	19.0	1.1	(16.8–21.2)
Washington	20,168	14.9	0.4	(14.1–15.7)
West Virginia	4,808	25.6	0.8	(24.0–27.2)
Wisconsin	4,550	18.8	1.0	(16.8–20.8)
Wyoming	6,040	19.9	0.8	(18.4–21.4)
Guam	1,264	24.1	1.5	(21.1–27.1)
Puerto Rico	4,236	10.6	0.7	(9.3–11.9)
Virgin Islands	2,495	6.4	0.6	(5.2–7.6)
<i>Median</i>		<b>17.9</b>		
<i>Range</i>		<b>6.4–25.6</b>		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

**TABLE 29. Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	777	18.8	2.1	(14.8–22.8)
Albuquerque, New Mexico	2,606	17.2	1.2	(14.9–19.5)
Alexandria, Louisiana	524	23.0	2.5	(18.0–28.0)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	861	19.2	2.2	(14.9–23.5)
Anchorage, Alaska	511	17.4	2.0	(13.4–21.4)
Asheville, North Carolina	844	19.3	1.9	(15.6–23.0)
Atlanta–Sandy Springs–Marietta, Georgia	2,328	14.6	1.2	(12.2–17.0)
Atlantic City–Hammonton, New Jersey	928	18.5	1.8	(14.9–22.1)
Augusta–Richmond County, Georgia–South Carolina	872	17.5	2.0	(13.5–21.5)
Augusta–Waterville, Maine	652	16.3	2.1	(12.2–20.4)
Austin–Round Rock, Texas	1,606	14.2	2.1	(10.2–18.2)
Baltimore–Towson, Maryland	3,098	17.1	1.0	(15.1–19.1)
Bangor, Maine	736	20.1	2.1	(16.1–24.1)
Barre, Vermont	688	16.3	2.2	(12.0–20.6)
Baton Rouge, Louisiana	1,207	21.1	1.7	(17.7–24.5)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,618	8.3	0.9	(6.5–10.1)
Billings, Montana	625	18.9	2.2	(14.6–23.2)
Birmingham–Hoover, Alabama	1,157	21.8	1.8	(18.2–25.4)
Bismarck, North Dakota	740	14.9	2.0	(11.0–18.8)
Boise City–Nampa, Idaho	1,280	15.7	1.5	(12.9–18.5)
Boston–Quincy, Massachusetts <sup>†</sup>	3,390	16.8	1.3	(14.2–19.4)
Bozeman, Montana	588	10.9	2.4	(6.3–15.5)
Bremerton–Silverdale, Washington	924	16.4	1.7	(13.0–19.8)
Bridgeport–Stamford–Norwalk, Connecticut	1,924	13.0	1.5	(10.1–15.9)
Buffalo–Niagara Falls, New York	550	17.3	2.2	(12.9–21.7)
Burlington–South Burlington, Vermont	1,924	12.8	1.1	(10.7–14.9)
Butte–Silver Bow, Montana	576	22.7	2.7	(17.3–28.1)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,068	10.7	0.9	(9.0–12.4)
Camden, New Jersey <sup>†</sup>	1,685	16.7	1.2	(14.3–19.1)
Canton–Massillon, Ohio	719	20.3	2.2	(16.0–24.6)
Casper, Wyoming	775	25.8	2.2	(21.5–30.1)
Cedar Rapids, Iowa	596	16.9	2.2	(12.5–21.3)
Charleston, West Virginia	854	23.2	1.8	(19.6–26.8)
Charleston–North Charleston–Summerville, South Carolina	1,188	17.5	1.9	(13.8–21.2)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,866	18.9	1.4	(16.1–21.7)
Chattanooga, Tennessee–Georgia	596	24.5	3.2	(18.3–30.7)
Cheyenne, Wyoming	941	19.5	1.8	(16.0–23.0)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,598	16.5	0.9	(14.8–18.2)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,725	19.4	1.5	(16.4–22.4)
Cleveland–Elyria–Mentor, Ohio	1,092	16.5	1.5	(13.5–19.5)
Colorado Springs, Colorado	1,174	17.1	1.6	(14.0–20.2)
Columbia, South Carolina	1,190	17.8	2.1	(13.7–21.9)
Columbus, Ohio	1,390	20.1	1.6	(17.0–23.2)
Concord, New Hampshire	627	15.1	2.4	(10.4–19.8)
Dallas–Plano–Irving, Texas <sup>†</sup>	589	16.3	3.4	(9.6–23.0)
Davenport–Moline–Rock Island, Iowa–Illinois	520	17.4	2.7	(12.1–22.7)
Dayton, Ohio	817	18.9	1.9	(15.3–22.5)
Denver–Aurora, Colorado	4,857	16.4	0.8	(14.8–18.0)
Des Moines–West Des Moines, Iowa	1,055	17.0	1.6	(13.9–20.1)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,064	22.0	1.5	(19.0–25.0)
Dover, Delaware	1,432	20.5	1.5	(17.6–23.4)
Durham, North Carolina	889	13.9	2.2	(9.6–18.2)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,257	14.3	1.0	(12.3–16.3)
El Paso, Texas	910	15.2	1.8	(11.6–18.8)
Evansville, Indiana–Kentucky	582	26.9	2.8	(21.4–32.4)
Fargo, North Dakota–Minnesota	807	13.3	1.9	(9.7–16.9)
Farmington, New Mexico	897	22.8	2.2	(18.5–27.1)
Fayetteville, North Carolina	541	20.9	2.3	(16.4–25.4)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	666	21.4	2.7	(16.2–26.6)
Fort Collins–Loveland, Colorado	584	16.3	2.3	(11.8–20.8)
Fort Wayne, Indiana	597	21.8	2.3	(17.2–26.4)
Fort Worth–Arlington, Texas <sup>†</sup>	598	18.0	2.2	(13.6–22.4)
Gallup, New Mexico	569	12.6	1.9	(8.8–16.4)

See table footnotes on page 98.

**TABLE 29. (Continued) Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	826	16.2	2.0	(12.3–20.1)
Grand Rapids–Wyoming, Michigan	644	14.9	2.0	(11.0–18.8)
Greeley, Colorado	508	19.7	2.8	(14.3–25.1)
Greensboro–High Point, North Carolina	826	18.7	2.1	(14.5–22.9)
Greenville–Mauldin–Easley, South Carolina	858	21.0	2.5	(16.2–25.8)
Gulfport–Biloxi, Mississippi	958	27.0	3.1	(20.8–33.2)
Hagerstown–Martinsburg, Maryland–West Virginia	619	25.9	2.5	(21.0–30.8)
Hartford–West Hartford–East Hartford, Connecticut	2,055	15.4	1.5	(12.4–18.4)
Hastings, Nebraska	579	15.0	2.1	(10.9–19.1)
Heber, Utah	525	8.7	3.2	(2.5–14.9)
Hickory–Lenoir–Morganton, North Carolina	786	24.0	2.6	(18.9–29.1)
Hilo, Hawaii	1,483	20.8	1.4	(18.0–23.6)
Hilton Head Island–Beaufort, South Carolina	805	20.0	2.5	(15.1–24.9)
Honolulu, Hawaii	2,994	14.4	0.9	(12.7–16.1)
Houma–Bayou Cane–Thibodaux, Louisiana	535	21.7	2.5	(16.7–26.7)
Houston–Sugar Land–Baytown, Texas	2,155	17.1	1.4	(14.3–19.9)
Huntington–Ashland, West Virginia–Kentucky–Ohio	695	25.7	2.5	(20.9–30.5)
Idaho Falls, Idaho	502	11.9	2.2	(7.7–16.1)
Indianapolis–Carmel, Indiana	2,203	21.5	1.4	(18.7–24.3)
Jackson, Mississippi	1,207	20.9	1.6	(17.7–24.1)
Jacksonville, Florida	1,074	21.3	2.1	(17.2–25.4)
Kahului–Wailuku, Hawaii	1,536	15.7	1.3	(13.2–18.2)
Kalispell, Montana	551	12.6	1.8	(9.0–16.2)
Kansas City, Missouri–Kansas	6,217	20.3	1.1	(18.2–22.4)
Kapaa, Hawaii	642	14.7	1.9	(11.1–18.3)
Kennewick–Pasco–Richland, Washington	662	12.8	2.1	(8.6–17.0)
Kingsport–Bristol–Bristol, Tennessee–Virginia	518	19.6	3.0	(13.7–25.5)
Lake Charles, Louisiana	622	23.0	2.5	(18.0–28.0)
Las Cruces, New Mexico	733	15.6	2.3	(11.2–20.0)
Las Vegas–Paradise, Nevada	1,223	22.3	1.7	(18.9–25.7)
Lawrence, Kansas	601	17.0	2.8	(11.6–22.4)
Lebanon, New Hampshire–Vermont	1,511	19.6	1.6	(16.5–22.7)
Lewiston, Idaho–Washington	540	16.0	2.1	(11.9–20.1)
Lincoln, Nebraska	1,056	15.5	2.1	(11.4–19.6)
Little Rock–North Little Rock–Conway, Arkansas	832	19.5	2.2	(15.2–23.8)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,033	12.1	0.9	(10.3–13.9)
Louisville/Jefferson County, Kentucky–Indiana	2,300	25.3	2.1	(21.1–29.5)
Lubbock, Texas	519	19.6	2.6	(14.5–24.7)
Manchester–Nashua, New Hampshire	1,432	15.3	1.8	(11.8–18.8)
Manhattan, Kansas	604	23.0	2.9	(17.3–28.7)
McAllen–Edinburg–Mission, Texas	537	14.7	2.7	(9.4–20.0)
Memphis, Tennessee–Mississippi–Arkansas	1,530	18.4	2.3	(14.0–22.8)
Miami–Fort Lauderdale–Pompano Beach, Florida	843	11.3	1.6	(8.1–14.5)
Milwaukee–Waukesha–West Allis, Wisconsin	846	18.9	2.8	(13.5–24.3)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,119	15.3	1.0	(13.4–17.2)
Minot, North Dakota	540	20.3	2.4	(15.6–25.0)
Mobile, Alabama	712	28.0	2.9	(22.3–33.7)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	683	29.0	2.7	(23.6–34.4)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	21.8	2.3	(17.2–26.4)
Nassau–Suffolk, New York <sup>†</sup>	940	15.8	1.8	(12.2–19.4)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,345	15.9	1.1	(13.8–18.0)
New Haven–Milford, Connecticut	1,648	15.7	1.4	(13.0–18.4)
New Orleans–Metairie–Kenner, Louisiana	1,612	20.6	1.5	(17.7–23.5)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,414	15.2	0.9	(13.5–16.9)
Norfolk, Nebraska	630	16.0	2.1	(11.9–20.1)
North Platte, Nebraska	525	14.5	2.2	(10.2–18.8)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,244	9.3	1.2	(7.0–11.6)
Ocean City, New Jersey	506	18.1	2.5	(13.2–23.0)
Ogden–Clearfield, Utah	1,610	8.7	1.0	(6.8–10.6)
Oklahoma City, Oklahoma	2,299	22.8	1.2	(20.4–25.2)
Olympia, Washington	820	16.9	1.7	(13.5–20.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,336	19.3	1.4	(16.6–22.0)
Orlando–Kissimmee, Florida	910	14.3	1.9	(10.6–18.0)

See table footnotes on page 98.

**TABLE 29. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	709	27.0	3.1	(21.0–33.0)
Peabody, Massachusetts†	2,296	16.5	1.4	(13.8–19.2)
Philadelphia, Pennsylvania†	1,669	19.8	1.4	(17.1–22.5)
Phoenix–Mesa–Scottsdale, Arizona	1,574	14.7	1.4	(12.0–17.4)
Pittsburgh, Pennsylvania	2,178	18.5	1.4	(15.8–21.2)
Portland–South Portland–Biddeford, Maine	2,647	14.3	0.9	(12.5–16.1)
Portland–Vancouver–Beaverton, Oregon–Washington	3,081	15.9	1.2	(13.6–18.2)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,239	16.0	0.7	(14.7–17.3)
Provo–Orem, Utah	1,142	5.7	1.0	(3.7–7.7)
Raleigh–Cary, North Carolina	1,010	17.8	1.9	(14.1–21.5)
Rapid City, South Dakota	1,004	21.7	1.8	(18.2–25.2)
Reno–Sparks, Nevada	1,280	20.9	1.7	(17.6–24.2)
Richmond, Virginia	806	19.2	2.3	(14.6–23.8)
Riverside–San Bernardino–Ontario, California	1,915	16.9	1.3	(14.4–19.4)
Riverton, Wyoming	501	24.0	2.7	(18.7–29.3)
Rochester, New York	563	20.0	2.7	(14.6–25.4)
Rockingham County–Strafford County, New Hampshire†	1,618	14.6	1.3	(12.0–17.2)
Rutland, Vermont	706	18.8	1.9	(15.1–22.5)
Sacramento–Arden–Arcade–Roseville, California	1,215	12.8	1.4	(10.1–15.5)
St. Louis, Missouri–Illinois	1,622	22.3	1.8	(18.9–25.7)
Salt Lake City, Utah	4,304	11.4	0.7	(10.0–12.8)
San Antonio, Texas	815	14.0	1.6	(10.9–17.1)
San Diego–Carlsbad–San Marcos, California	1,598	11.9	1.2	(9.6–14.2)
San Francisco–San Mateo–Redwood City, California†	972	9.6	1.3	(7.0–12.2)
San Jose–Sunnyvale–Santa Clara, California	870	8.8	1.3	(6.3–11.3)
Santa Ana–Anaheim–Irvine, California†	1,419	10.9	1.2	(8.5–13.3)
Santa Fe, New Mexico	770	10.5	1.6	(7.4–13.6)
Scottsbluff, Nebraska	770	15.6	1.8	(12.1–19.1)
Scranton–Wilkes-Barre, Pennsylvania	932	27.2	2.6	(22.0–32.4)
Seaford, Delaware	1,458	20.1	1.5	(17.2–23.0)
Seattle–Bellevue–Everett, Washington†	4,836	12.5	0.7	(11.1–13.9)
Shreveport–Bossier City, Louisiana	684	22.3	2.2	(18.1–26.5)
Sioux City, Iowa–Nebraska–South Dakota	1,157	24.2	3.0	(18.3–30.1)
Sioux Falls, South Dakota	855	15.2	1.9	(11.5–18.9)
Spokane, Washington	1,243	18.6	1.7	(15.2–22.0)
Springfield, Massachusetts	2,087	15.9	1.3	(13.4–18.4)
Tacoma, Washington†	1,752	17.0	1.2	(14.6–19.4)
Tallahassee, Florida	579	18.0	4.3	(9.5–26.5)
Tampa–St. Petersburg–Clearwater, Florida	862	21.3	2.2	(16.9–25.7)
Toledo, Ohio	839	21.7	2.5	(16.8–26.6)
Topeka, Kansas	1,937	18.3	1.2	(15.9–20.7)
Trenton–Ewing, New Jersey	507	15.7	2.1	(11.5–19.9)
Tucson, Arizona	688	17.0	2.2	(12.8–21.2)
Tulsa, Oklahoma	2,295	28.0	1.4	(25.3–30.7)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,052	18.9	1.9	(15.1–22.7)
Warren–Troy–Farmington Hills, Michigan†	1,809	16.2	1.2	(13.9–18.5)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,087	14.6	1.6	(11.5–17.7)
Wenatchee, Washington	564	13.3	1.8	(9.8–16.8)
Wichita, Kansas	3,895	18.9	0.9	(17.2–20.6)
Wilmington, Delaware–Maryland–New Jersey†	1,887	18.5	1.2	(16.1–20.9)
Wilmington, North Carolina	502	26.7	4.1	(18.7–34.7)
Worcester, Massachusetts	2,051	15.9	1.4	(13.2–18.6)
Yakima, Washington	787	17.3	1.9	(13.6–21.0)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	883	23.9	2.3	(19.3–28.5)
<i>Median</i>		<b>17.4</b>		
<i>Range</i>		<b>5.7–29.0</b>		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

† Metropolitan division.

**TABLE 30. Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	601	20.9	2.3	(16.4–25.4)
Mobile County, Alabama	712	28.0	2.9	(22.3–33.7)
Anchorage Municipality, Alaska	373	16.2	2.5	(11.2–21.2)
Maricopa County, Arizona	1,198	14.0	1.4	(11.2–16.8)
Pima County, Arizona	688	17.0	2.2	(12.8–21.2)
Pinal County, Arizona	376	24.6	4.5	(15.8–33.4)
Benton County, Arkansas	333	18.5	3.2	(12.2–24.8)
Pulaski County, Arkansas	548	17.0	2.6	(11.9–22.1)
Washington County, Arkansas	287	21.1	4.0	(13.3–28.9)
Alameda County, California	698	11.2	1.9	(7.5–14.9)
Contra Costa County, California	546	7.0	1.2	(4.6–9.4)
Los Angeles County, California	2,033	12.1	0.9	(10.3–13.9)
Orange County, California	1,419	10.9	1.2	(8.5–13.3)
Riverside County, California	1,025	15.3	1.7	(11.9–18.7)
Sacramento County, California	734	12.7	1.7	(9.4–16.0)
San Bernardino County, California	890	18.4	1.8	(14.8–22.0)
San Diego County, California	1,598	11.9	1.2	(9.6–14.2)
San Francisco County, California	417	9.4	1.9	(5.7–13.1)
San Mateo County, California	356	8.7	2.1	(4.5–12.9)
Santa Clara County, California	847	8.6	1.3	(6.1–11.1)
Adams County, Colorado	866	20.1	1.8	(16.5–23.7)
Arapahoe County, Colorado	897	16.8	1.8	(13.2–20.4)
Denver County, Colorado	909	19.8	2.0	(15.9–23.7)
Douglas County, Colorado	573	8.3	1.6	(5.2–11.4)
El Paso County, Colorado	1,023	16.9	1.7	(13.7–20.1)
Jefferson County, Colorado	1,138	14.5	1.6	(11.4–17.6)
Larimer County, Colorado	584	16.3	2.3	(11.8–20.8)
Weld County, Colorado	508	19.7	2.8	(14.3–25.1)
Fairfield County, Connecticut	1,924	13.0	1.5	(10.1–15.9)
Hartford County, Connecticut	1,491	14.8	1.6	(11.6–18.0)
Middlesex County, Connecticut	267	16.2	3.3	(9.8–22.6)
New Haven County, Connecticut	1,648	15.7	1.4	(13.0–18.4)
Tolland County, Connecticut	297	13.4	2.6	(8.3–18.5)
Kent County, Delaware	1,432	20.5	1.5	(17.6–23.4)
New Castle County, Delaware	1,459	17.0	1.3	(14.4–19.6)
Sussex County, Delaware	1,458	20.1	1.5	(17.2–23.0)
District of Columbia	3,875	16.0	0.9	(14.3–17.7)
Broward County, Florida	267	12.1	3.3	(5.7–18.5)
Duval County, Florida	503	21.0	2.8	(15.5–26.5)
Hillsborough County, Florida	279	16.5	2.9	(10.8–22.2)
Miami–Dade County, Florida	281	10.3	2.4	(5.6–15.0)
Orange County, Florida	301	12.2	2.6	(7.2–17.2)
Osceola County, Florida	287	20.2	3.4	(13.4–27.0)
Palm Beach County, Florida	295	13.8	3.1	(7.6–20.0)
Pinellas County, Florida	275	22.2	3.2	(15.9–28.5)
Clayton County, Georgia	254	21.4	4.3	(12.9–29.9)
Cobb County, Georgia	284	11.3	3.0	(5.4–17.2)
DeKalb County, Georgia	307	8.4	2.0	(4.5–12.3)
Fulton County, Georgia	334	9.9	2.5	(5.0–14.8)
Hawaii County, Hawaii	1,483	20.8	1.4	(18.0–23.6)
Honolulu County, Hawaii	2,994	14.4	0.9	(12.7–16.1)
Kauai County, Hawaii	642	14.7	1.9	(11.1–18.3)
Maui County, Hawaii	1,536	15.7	1.3	(13.2–18.2)
Ada County, Idaho	676	14.3	1.9	(10.6–18.0)
Bonneville County, Idaho	388	11.2	2.5	(6.3–16.1)
Canyon County, Idaho	460	18.9	2.5	(14.0–23.8)
Nez Perce County, Idaho	302	15.4	2.6	(10.3–20.5)
Cook County, Illinois	1,893	17.8	1.3	(15.2–20.4)
DuPage County, Illinois	393	10.8	2.2	(6.5–15.1)
Lake County, Illinois	302	14.5	2.7	(9.3–19.7)
Will County, Illinois	300	16.0	2.6	(10.8–21.2)
Allen County, Indiana	501	21.5	2.6	(16.4–26.6)
Lake County, Indiana	982	20.6	2.2	(16.2–25.0)

See table footnotes on page 103.

**TABLE 30. (Continued) Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,502	26.2	1.9	(22.4–30.0)
Vanderburgh County, Indiana	257	29.8	4.0	(21.9–37.7)
Linn County, Iowa	520	13.8	1.9	(10.0–17.6)
Polk County, Iowa	806	18.0	1.8	(14.5–21.5)
Scott County, Iowa	370	17.0	2.7	(11.8–22.2)
Butler County, Kansas	440	19.8	2.5	(14.9–24.7)
Douglas County, Kansas	601	17.0	2.8	(11.6–22.4)
Johnson County, Kansas	3,219	12.4	0.9	(10.7–14.1)
Leavenworth County, Kansas	466	17.6	2.8	(12.1–23.1)
Riley County, Kansas	286	17.7	4.3	(9.2–26.2)
Sedgwick County, Kansas	3,019	19.2	1.0	(17.3–21.1)
Shawnee County, Kansas	1,405	18.6	1.5	(15.7–21.5)
Wyandotte County, Kansas	1,079	26.1	2.0	(22.2–30.0)
Jefferson County, Kentucky	1,794	24.5	2.9	(18.8–30.2)
Caddo Parish, Louisiana	437	23.9	2.9	(18.3–29.5)
Calcasieu Parish, Louisiana	605	22.6	2.6	(17.6–27.6)
East Baton Rouge Parish, Louisiana	720	18.0	2.0	(14.0–22.0)
Jefferson Parish, Louisiana	561	21.0	2.4	(16.4–25.6)
Orleans Parish, Louisiana	376	26.9	4.2	(18.6–35.2)
Rapides Parish, Louisiana	455	23.4	2.8	(18.0–28.8)
St. Tammany Parish, Louisiana	426	18.3	2.5	(13.5–23.1)
Terrebonne Parish, Louisiana	298	23.9	3.6	(16.9–30.9)
Cumberland County, Maine	1,343	12.9	1.3	(10.4–15.4)
Kennebec County, Maine	652	16.3	2.1	(12.2–20.4)
Penobscot County, Maine	736	20.1	2.1	(16.1–24.1)
Sagadahoc County, Maine	340	11.6	2.2	(7.3–15.9)
York County, Maine	964	16.8	1.7	(13.6–20.0)
Anne Arundel County, Maryland	558	14.0	1.9	(10.3–17.7)
Baltimore County, Maryland	981	14.6	1.5	(11.7–17.5)
Cecil County, Maryland	250	22.9	3.4	(16.3–29.5)
Charles County, Maryland	314	15.6	2.9	(10.0–21.2)
Frederick County, Maryland	548	14.9	2.3	(10.3–19.5)
Harford County, Maryland	259	21.7	3.8	(14.3–29.1)
Howard County, Maryland	340	6.1	2.0	(2.3–9.9)
Montgomery County, Maryland	1,070	7.1	1.0	(5.2–9.0)
Prince George's County, Maryland	638	14.4	1.7	(11.0–17.8)
Queen Anne's County, Maryland	262	14.5	2.9	(8.8–20.2)
Washington County, Maryland	360	23.0	3.2	(16.8–29.2)
Baltimore City, Maryland	512	27.3	2.8	(21.9–32.7)
Bristol County, Massachusetts	2,960	17.6	1.4	(14.8–20.4)
Essex County, Massachusetts	2,296	16.4	1.4	(13.6–19.2)
Hampden County, Massachusetts	1,610	19.6	1.8	(16.2–23.0)
Hampshire County, Massachusetts	294	9.9	2.2	(5.6–14.2)
Middlesex County, Massachusetts	3,068	11.1	1.0	(9.2–13.0)
Norfolk County, Massachusetts	942	12.1	1.5	(9.2–15.0)
Plymouth County, Massachusetts	661	19.7	2.2	(15.3–24.1)
Suffolk County, Massachusetts	1,787	15.0	1.4	(12.2–17.8)
Worcester County, Massachusetts	2,051	15.9	1.4	(13.2–18.6)
Kent County, Michigan	465	10.8	2.1	(6.7–14.9)
Macomb County, Michigan	528	18.4	2.3	(13.9–22.9)
Oakland County, Michigan	944	12.4	1.4	(9.6–15.2)
Wayne County, Michigan	2,064	22.0	1.5	(19.0–25.0)
Anoka County, Minnesota	291	14.5	2.5	(9.6–19.4)
Dakota County, Minnesota	381	14.2	2.4	(9.5–18.9)
Hennepin County, Minnesota	1,136	17.2	1.7	(14.0–20.4)
Ramsey County, Minnesota	530	12.5	1.8	(9.0–16.0)
DeSoto County, Mississippi	629	23.4	2.8	(18.0–28.8)
George County, Mississippi	378	26.7	3.3	(20.1–33.3)
Hancock County, Mississippi	340	24.0	3.1	(18.0–30.0)
Harrison County, Mississippi	291	24.3	3.8	(16.8–31.8)
Hinds County, Mississippi	506	24.4	2.7	(19.2–29.6)
Jackson County, Mississippi	331	26.5	3.5	(19.7–33.3)
Rankin County, Mississippi	332	16.7	2.7	(11.5–21.9)

See table footnotes on page 103.



**TABLE 30. (Continued) Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	327	25.1	3.5	(18.3–31.9)
Jackson County, Missouri	491	23.2	2.4	(18.4–28.0)
St. Louis County, Missouri	481	15.1	2.2	(10.7–19.5)
St. Louis City, Missouri	488	28.8	3.3	(22.3–35.3)
Flathead County, Montana	551	12.6	1.8	(9.0–16.2)
Gallatin County, Montana	588	10.9	2.4	(6.3–15.5)
Silver Bow County, Montana	576	22.7	2.7	(17.3–28.1)
Yellowstone County, Montana	575	18.6	2.3	(14.2–23.0)
Adams County, Nebraska	444	12.1	2.0	(8.2–16.0)
Dakota County, Nebraska	711	19.1	2.0	(15.2–23.0)
Douglas County, Nebraska	933	19.5	1.8	(15.9–23.1)
Hall County, Nebraska	594	16.4	2.4	(11.8–21.0)
Lancaster County, Nebraska	781	15.7	2.3	(11.2–20.2)
Lincoln County, Nebraska	495	14.5	2.3	(10.1–18.9)
Madison County, Nebraska	418	14.5	2.4	(9.9–19.1)
Sarpy County, Nebraska	583	16.9	2.5	(12.0–21.8)
Scotts Bluff County, Nebraska	754	14.8	1.8	(11.3–18.3)
Seward County, Nebraska	275	12.9	2.5	(8.0–17.8)
Clark County, Nevada	1,223	22.3	1.7	(18.9–25.7)
Washoe County, Nevada	1,251	20.7	1.7	(17.4–24.0)
Grafton County, New Hampshire	511	20.2	3.0	(14.3–26.1)
Hillsborough County, New Hampshire	1,432	15.3	1.8	(11.8–18.8)
Merrimack County, New Hampshire	627	15.1	2.4	(10.4–19.8)
Rockingham County, New Hampshire	998	13.4	1.4	(10.6–16.2)
Strafford County, New Hampshire	620	17.4	2.5	(12.5–22.3)
Atlantic County, New Jersey	928	18.5	1.8	(14.9–22.1)
Bergen County, New Jersey	631	15.0	2.2	(10.7–19.3)
Burlington County, New Jersey	554	15.6	2.1	(11.4–19.8)
Camden County, New Jersey	621	15.4	2.1	(11.3–19.5)
Cape May County, New Jersey	506	18.1	2.5	(13.2–23.0)
Essex County, New Jersey	1,057	14.6	1.7	(11.3–17.9)
Gloucester County, New Jersey	510	23.2	2.6	(18.2–28.2)
Hudson County, New Jersey	1,006	17.9	1.7	(14.5–21.3)
Hunterdon County, New Jersey	536	14.5	2.1	(10.5–18.5)
Mercer County, New Jersey	507	15.7	2.1	(11.5–19.9)
Middlesex County, New Jersey	619	12.6	1.7	(9.3–15.9)
Monmouth County, New Jersey	554	17.9	2.0	(14.0–21.8)
Morris County, New Jersey	710	13.2	2.1	(9.1–17.3)
Ocean County, New Jersey	528	13.4	1.9	(9.6–17.2)
Passaic County, New Jersey	497	17.3	2.3	(12.9–21.7)
Somerset County, New Jersey	556	11.6	1.9	(8.0–15.2)
Sussex County, New Jersey	487	18.2	2.4	(13.5–22.9)
Union County, New Jersey	519	16.2	2.3	(11.6–20.8)
Warren County, New Jersey	479	17.0	2.2	(12.6–21.4)
Bernalillo County, New Mexico	1,471	16.5	1.5	(13.6–19.4)
Dona Ana County, New Mexico	733	15.6	2.3	(11.2–20.0)
McKinley County, New Mexico	569	12.6	1.9	(8.8–16.4)
Sandoval County, New Mexico	652	12.3	1.8	(8.8–15.8)
San Juan County, New Mexico	897	22.8	2.2	(18.5–27.1)
Santa Fe County, New Mexico	770	10.5	1.6	(7.4–13.6)
Valencia County, New Mexico	389	24.5	3.0	(18.6–30.4)
Erie County, New York	450	15.0	2.3	(10.6–19.4)
Kings County, New York	444	15.4	2.3	(11.0–19.8)
Monroe County, New York	380	18.3	3.0	(12.3–24.3)
Nassau County, New York	440	13.6	2.2	(9.2–18.0)
New York County, New York	524	12.9	1.9	(9.2–16.6)
Queens County, New York	483	16.0	2.2	(11.7–20.3)
Suffolk County, New York	500	16.9	2.4	(12.1–21.7)
Westchester County, New York	342	14.4	3.0	(8.6–20.2)
Buncombe County, North Carolina	398	17.3	2.4	(12.7–21.9)
Cabarrus County, North Carolina	350	23.2	3.0	(17.4–29.0)
Catawba County, North Carolina	363	22.9	3.7	(15.6–30.2)
Cumberland County, North Carolina	382	22.2	2.6	(17.0–27.4)

See table footnotes on page 103.

**TABLE 30. (Continued) Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	413	10.6	2.2	(6.2–15.0)
Gaston County, North Carolina	351	22.8	3.0	(16.8–28.8)
Guilford County, North Carolina	427	16.3	2.4	(11.6–21.0)
Henderson County, North Carolina	260	20.2	3.5	(13.4–27.0)
Johnston County, North Carolina	367	24.6	3.4	(17.9–31.3)
Mecklenburg County, North Carolina	613	16.9	2.1	(12.9–20.9)
New Hanover County, North Carolina	410	27.1	3.7	(19.8–34.4)
Orange County, North Carolina	370	11.5	2.4	(6.7–16.3)
Randolph County, North Carolina	357	23.8	2.8	(18.3–29.3)
Union County, North Carolina	367	12.5	2.3	(8.0–17.0)
Wake County, North Carolina	603	14.6	2.0	(10.6–18.6)
Burleigh County, North Dakota	564	13.8	2.3	(9.2–18.4)
Cass County, North Dakota	747	13.3	1.5	(10.3–16.3)
Ward County, North Dakota	467	19.4	2.6	(14.3–24.5)
Cuyahoga County, Ohio	690	15.0	1.7	(11.6–18.4)
Franklin County, Ohio	663	20.9	2.1	(16.7–25.1)
Hamilton County, Ohio	695	14.8	1.6	(11.7–17.9)
Lucas County, Ohio	681	19.4	2.2	(15.1–23.7)
Mahoning County, Ohio	680	22.3	2.3	(17.8–26.8)
Montgomery County, Ohio	678	21.1	2.0	(17.2–25.0)
Stark County, Ohio	686	20.9	2.2	(16.5–25.3)
Summit County, Ohio	678	16.4	1.9	(12.7–20.1)
Canadian County, Oklahoma	265	23.7	3.2	(17.5–29.9)
Cleveland County, Oklahoma	422	19.7	2.4	(15.0–24.4)
Oklahoma County, Oklahoma	1,225	23.1	1.6	(19.9–26.3)
Tulsa County, Oklahoma	1,579	26.0	1.5	(23.0–29.0)
Clackamas County, Oregon	430	13.3	2.2	(9.0–17.6)
Multnomah County, Oregon	650	15.0	2.1	(10.9–19.1)
Washington County, Oregon	441	19.3	3.1	(13.3–25.3)
Allegheny County, Pennsylvania	706	18.4	2.0	(14.5–22.3)
Bucks County, Pennsylvania	303	18.3	3.0	(12.4–24.2)
Delaware County, Pennsylvania	257	16.3	2.9	(10.6–22.0)
Fayette County, Pennsylvania	814	27.4	2.3	(22.9–31.9)
Luzerne County, Pennsylvania	775	25.8	2.2	(21.5–30.1)
Montgomery County, Pennsylvania	392	17.5	2.6	(12.5–22.5)
Philadelphia County, Pennsylvania	491	24.9	2.7	(19.5–30.3)
Westmoreland County, Pennsylvania	251	13.7	2.4	(9.0–18.4)
Kent County, Rhode Island	859	16.8	1.6	(13.7–19.9)
Newport County, Rhode Island	473	10.7	1.8	(7.2–14.2)
Providence County, Rhode Island	4,003	17.4	1.0	(15.4–19.4)
Washington County, Rhode Island	698	10.5	1.7	(7.2–13.8)
Aiken County, South Carolina	459	19.1	2.6	(13.9–24.3)
Beaufort County, South Carolina	685	20.3	2.7	(15.0–25.6)
Berkeley County, South Carolina	362	21.4	3.8	(13.9–28.9)
Charleston County, South Carolina	688	17.5	2.7	(12.2–22.8)
Greenville County, South Carolina	538	21.5	3.0	(15.7–27.3)
Horry County, South Carolina	683	29.0	2.7	(23.6–34.4)
Richland County, South Carolina	735	16.6	2.7	(11.4–21.8)
Minnehaha County, South Dakota	609	18.1	2.5	(13.3–22.9)
Pennington County, South Dakota	792	23.2	2.1	(19.2–27.2)
Davidson County, Tennessee	437	19.3	3.1	(13.2–25.4)
Hamilton County, Tennessee	438	17.1	2.6	(12.0–22.2)
Shelby County, Tennessee	375	14.1	2.7	(8.7–19.5)
Sullivan County, Tennessee	363	21.4	3.3	(14.9–27.9)
Bexar County, Texas	672	13.8	1.7	(10.5–17.1)
Dallas County, Texas	311	22.4	4.2	(14.2–30.6)
El Paso County, Texas	910	15.2	1.8	(11.6–18.8)
Fort Bend County, Texas	694	11.5	1.9	(7.7–15.3)
Harris County, Texas	1,145	17.1	1.8	(13.6–20.6)
Hidalgo County, Texas	537	14.7	2.7	(9.4–20.0)
Lubbock County, Texas	503	19.0	2.6	(13.8–24.2)
Tarrant County, Texas	487	17.1	2.5	(12.2–22.0)
Travis County, Texas	924	15.2	2.5	(10.2–20.2)

See table footnotes on page 103.

**TABLE 30. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who ever smoked at least 100 cigarettes and currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	598	12.2	2.4	(7.5–16.9)
Davis County, Utah	802	6.4	1.2	(4.0–8.8)
Salt Lake County, Utah	3,310	11.4	0.8	(9.9–12.9)
Summit County, Utah	497	7.5	1.5	(4.6–10.4)
Tooele County, Utah	497	13.3	1.9	(9.6–17.0)
Utah County, Utah	1,085	5.6	1.0	(3.6–7.6)
Wasatch County, Utah	525	8.7	3.2	(2.5–14.9)
Weber County, Utah	773	12.7	1.6	(9.5–15.9)
Chittenden County, Vermont	1,401	11.2	1.2	(8.9–13.5)
Franklin County, Vermont	442	16.7	2.1	(12.6–20.8)
Orange County, Vermont	353	19.1	2.7	(13.9–24.3)
Rutland County, Vermont	706	18.8	1.9	(15.1–22.5)
Washington County, Vermont	688	16.3	2.2	(12.0–20.6)
Windsor County, Vermont	647	18.3	2.0	(14.3–22.3)
Benton County, Washington	422	13.9	2.6	(8.9–18.9)
Chelan County, Washington	298	11.6	2.1	(7.5–15.7)
Clark County, Washington	1,133	14.9	1.5	(11.9–17.9)
Douglas County, Washington	266	17.3	3.3	(10.7–23.9)
King County, Washington	3,182	11.3	0.8	(9.7–12.9)
Kitsap County, Washington	924	16.4	1.7	(13.0–19.8)
Pierce County, Washington	1,752	16.9	1.3	(14.4–19.4)
Skamania County, Washington	254	17.4	3.2	(11.2–23.6)
Snohomish County, Washington	1,654	15.9	1.3	(13.3–18.5)
Spokane County, Washington	1,243	18.6	1.7	(15.2–22.0)
Thurston County, Washington	820	16.9	1.7	(13.5–20.3)
Yakima County, Washington	787	17.3	1.9	(13.6–21.0)
Kanawha County, West Virginia	554	21.6	2.2	(17.2–26.0)
Milwaukee County, Wisconsin	628	19.4	2.6	(14.4–24.4)
Fremont County, Wyoming	501	24.0	2.7	(18.7–29.3)
Laramie County, Wyoming	941	19.5	1.8	(16.0–23.0)
Natrona County, Wyoming	775	25.8	2.2	(21.5–30.1)
<i>Median</i>		16.9		
<i>Range</i>		5.6–29.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

**TABLE 31. Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,641	10.7	0.7	(9.4–12.0)
Alaska	2,348	17.9	1.2	(15.5–20.3)
Arizona	5,349	14.9	1.2	(12.6–17.2)
Arkansas	3,902	11.3	0.9	(9.6–13.0)
California	16,099	15.8	0.5	(14.9–16.7)
Colorado	10,954	16.3	0.6	(15.1–17.5)
Connecticut	6,361	19.0	0.9	(17.2–20.8)
Delaware	4,306	18.5	1.1	(16.4–20.6)
District of Columbia	3,766	20.1	1.0	(18.1–22.1)
Florida	11,560	13.3	0.7	(12.0–14.6)
Georgia	5,665	10.5	0.7	(9.2–11.8)
Hawaii	6,561	17.1	0.7	(15.6–18.6)
Idaho	5,251	13.0	0.8	(11.5–14.5)
Illinois	5,754	17.7	0.8	(16.2–19.2)
Indiana	9,030	14.2	0.7	(12.9–15.5)
Iowa	5,880	18.5	0.8	(17.0–20.0)
Kansas	18,651	14.5	0.4	(13.7–15.3)
Kentucky	9,376	12.4	0.8	(10.9–13.9)
Louisiana	8,736	14.4	0.6	(13.2–15.6)
Maine	7,951	15.1	0.6	(13.9–16.3)
Maryland	8,381	12.6	0.6	(11.4–13.8)
Massachusetts	15,740	17.6	0.6	(16.4–18.8)
Michigan	9,000	17.1	0.6	(15.9–18.3)
Minnesota	5,564	20.2	0.9	(18.5–21.9)
Mississippi	10,938	10.1	0.5	(9.1–11.1)
Missouri	4,946	17.2	0.9	(15.3–19.1)
Montana	7,412	17.3	0.8	(15.8–18.8)
Nebraska	15,608	17.9	0.7	(16.5–19.3)
Nevada	3,755	17.5	1.3	(15.0–20.0)
New Hampshire	5,871	15.8	0.9	(14.1–17.5)
New Jersey	11,804	14.3	0.6	(13.1–15.5)
New Mexico	8,607	12.8	0.7	(11.5–14.1)
New York	6,739	16.3	0.7	(14.9–17.7)
North Carolina	13,008	12.8	0.6	(11.6–14.0)
North Dakota	4,652	21.4	1.0	(19.5–23.3)
Ohio	9,545	16.1	0.6	(14.8–17.4)
Oklahoma	7,712	13.0	0.6	(11.8–14.2)
Oregon	4,113	15.0	0.9	(13.2–16.8)
Pennsylvania	8,938	16.6	0.7	(15.3–17.9)
Rhode Island	6,172	18.2	0.9	(16.5–19.9)
South Carolina	9,601	12.7	0.7	(11.4–14.0)
South Dakota	6,667	19.3	0.9	(17.6–21.0)
Tennessee	5,366	6.8	0.6	(5.7–7.9)
Texas	11,314	14.9	0.7	(13.6–16.2)
Utah	9,990	8.8	0.4	(7.9–9.7)
Vermont	6,546	17.1	0.7	(15.7–18.5)
Virginia	4,948	13.5	1.1	(11.4–15.6)
Washington	19,869	15.2	0.4	(14.4–16.0)
West Virginia	4,770	9.2	0.6	(8.0–10.4)
Wisconsin	4,351	23.9	1.1	(21.7–26.1)
Wyoming	5,937	15.8	0.8	(14.3–17.3)
Guam	1,251	21.8	1.6	(18.7–24.9)
Puerto Rico	4,159	10.6	0.7	(9.2–12.0)
Virgin Islands	2,419	11.7	0.9	(9.9–13.5)
<i>Median</i>		<b>15.5</b>		
<i>Range</i>		<b>6.8–23.9</b>		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion; for females: having at least four drinks on at least one occasion.

**TABLE 32. Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	764	17.0	2.3	(12.5–21.5)
Albuquerque, New Mexico	2,547	13.9	1.2	(11.5–16.3)
Alexandria, Louisiana	519	11.0	2.1	(6.9–15.1)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	840	15.7	2.2	(11.4–20.0)
Anchorage, Alaska	497	17.1	2.0	(13.2–21.0)
Asheville, North Carolina	834	12.4	1.7	(9.0–15.8)
Atlanta–Sandy Springs–Marietta, Georgia	2,235	11.6	1.1	(9.4–13.8)
Atlantic City–Hammonton, New Jersey	890	14.3	1.8	(10.8–17.8)
Augusta–Richmond County, Georgia–South Carolina	853	7.9	1.3	(5.4–10.4)
Augusta–Waterville, Maine	644	13.1	2.1	(9.1–17.1)
Austin–Round Rock, Texas	1,579	20.4	2.3	(15.9–24.9)
Baltimore–Towson, Maryland	3,046	14.9	1.0	(13.0–16.8)
Bangor, Maine	727	14.2	1.9	(10.5–17.9)
Barre, Vermont	679	16.7	2.2	(12.4–21.0)
Baton Rouge, Louisiana	1,193	13.8	1.4	(11.1–16.5)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,585	10.1	1.1	(7.9–12.3)
Billings, Montana	614	13.1	2.2	(8.8–17.4)
Birmingham–Hoover, Alabama	1,144	11.7	1.5	(8.8–14.6)
Bismarck, North Dakota	719	19.7	2.3	(15.2–24.2)
Boise City–Nampa, Idaho	1,255	14.8	1.5	(11.8–17.8)
Boston–Quincy, Massachusetts <sup>†</sup>	3,209	20.0	1.4	(17.2–22.8)
Bozeman, Montana	580	20.0	2.8	(14.5–25.5)
Bremerton–Silverdale, Washington	922	16.1	1.8	(12.6–19.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,895	21.5	1.9	(17.9–25.1)
Buffalo–Niagara Falls, New York	539	17.0	2.4	(12.4–21.6)
Burlington–South Burlington, Vermont	1,901	18.0	1.4	(15.2–20.8)
Butte–Silver Bow, Montana	559	23.2	2.9	(17.5–28.9)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,909	15.7	1.3	(13.2–18.2)
Camden, New Jersey <sup>†</sup>	1,614	14.4	1.2	(12.0–16.8)
Canton–Massillon, Ohio	706	10.1	1.6	(7.0–13.2)
Casper, Wyoming	758	16.4	1.9	(12.6–20.2)
Cedar Rapids, Iowa	580	19.4	2.4	(14.6–24.2)
Charleston, West Virginia	844	10.0	1.5	(7.1–12.9)
Charleston–North Charleston–Summerville, South Carolina	1,169	16.5	2.1	(12.4–20.6)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,833	13.5	1.3	(11.0–16.0)
Chattanooga, Tennessee–Georgia	573	13.7	2.7	(8.4–19.0)
Cheyenne, Wyoming	924	14.1	1.8	(10.6–17.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,494	18.0	0.9	(16.2–19.8)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,678	17.3	1.6	(14.1–20.5)
Cleveland–Elyria–Mentor, Ohio	1,065	19.0	1.7	(15.6–22.4)
Colorado Springs, Colorado	1,092	15.0	1.5	(12.0–18.0)
Columbia, South Carolina	1,174	13.1	1.9	(9.4–16.8)
Columbus, Ohio	1,362	18.1	1.8	(14.6–21.6)
Concord, New Hampshire	625	14.5	2.2	(10.2–18.8)
Dallas–Plano–Irving, Texas <sup>†</sup>	580	7.9	1.4	(5.2–10.6)
Davenport–Moline–Rock Island, Iowa–Illinois	508	19.1	2.8	(13.6–24.6)
Dayton, Ohio	802	12.2	1.8	(8.6–15.8)
Denver–Aurora, Colorado	4,489	17.1	0.9	(15.4–18.8)
Des Moines–West Des Moines, Iowa	1,031	16.8	1.6	(13.7–19.9)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,008	18.0	1.5	(15.0–21.0)
Dover, Delaware	1,422	15.4	1.4	(12.7–18.1)
Durham, North Carolina	872	12.8	2.2	(8.5–17.1)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,162	12.4	1.1	(10.3–14.5)
El Paso, Texas	892	13.5	1.8	(9.9–17.1)
Evansville, Indiana–Kentucky	570	14.8	2.3	(10.3–19.3)
Fargo, North Dakota–Minnesota	795	21.8	3.1	(15.6–28.0)
Farmington, New Mexico	880	11.3	1.9	(7.6–15.0)
Fayetteville, North Carolina	533	13.2	2.2	(8.9–17.5)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	657	13.7	2.1	(9.5–17.9)
Fort Collins–Loveland, Colorado	533	18.4	2.6	(13.4–23.4)
Fort Wayne, Indiana	584	14.3	1.9	(10.6–18.0)
Fort Worth–Arlington, Texas <sup>†</sup>	583	14.8	2.2	(10.5–19.1)
Gallup, New Mexico	562	8.8	1.6	(5.8–11.8)

See table footnotes on page 107.

**TABLE 32. (Continued) Estimated proportion of adults aged ≥18 years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	809	18.9	2.1	(14.7–23.1)
Grand Rapids–Wyoming, Michigan	634	18.5	2.4	(13.7–23.3)
Greeley, Colorado	466	19.4	2.9	(13.7–25.1)
Greensboro–High Point, North Carolina	810	11.1	1.7	(7.8–14.4)
Greenville–Mauldin–Easley, South Carolina	840	13.1	2.1	(8.9–17.3)
Gulfport–Biloxi, Mississippi	936	13.2	2.7	(7.9–18.5)
Hagerstown–Martinsburg, Maryland–West Virginia	605	11.8	1.8	(8.3–15.3)
Hartford–West Hartford–East Hartford, Connecticut	2,016	15.9	1.4	(13.1–18.7)
Hastings, Nebraska	569	15.2	2.1	(11.0–19.4)
Heber, Utah	523	7.4	1.3	(4.8–10.0)
Hickory–Lenoir–Morganton, North Carolina	776	11.1	1.9	(7.4–14.8)
Hilo, Hawaii	1,464	21.7	1.5	(18.7–24.7)
Hilton Head Island–Beaufort, South Carolina	782	19.2	2.6	(14.1–24.3)
Honolulu, Hawaii	2,960	15.9	1.0	(14.0–17.8)
Houma–Bayou Cane–Thibodaux, Louisiana	529	15.8	2.4	(11.1–20.5)
Houston–Sugar Land–Baytown, Texas	2,090	15.9	1.4	(13.1–18.7)
Huntington–Ashland, West Virginia–Kentucky–Ohio	686	8.9	1.8	(5.4–12.4)
Idaho Falls, Idaho	493	8.2	1.8	(4.7–11.7)
Indianapolis–Carmel, Indiana	2,147	14.7	1.4	(11.9–17.5)
Jackson, Mississippi	1,180	12.0	1.4	(9.3–14.7)
Jacksonville, Florida	1,036	16.4	2.2	(12.0–20.8)
Kahului–Wailuku, Hawaii	1,502	18.6	1.5	(15.7–21.5)
Kalispell, Montana	533	12.3	2.0	(8.4–16.2)
Kansas City, Missouri–Kansas	6,134	16.2	1.2	(13.8–18.6)
Kapaa, Hawaii	635	19.4	2.5	(14.6–24.2)
Kennewick–Pasco–Richland, Washington	653	10.4	1.6	(7.3–13.5)
Kingsport–Bristol–Bristol, Tennessee–Virginia	498	6.3	2.2	(2.1–10.5)
Lake Charles, Louisiana	613	15.7	2.3	(11.1–20.3)
Las Cruces, New Mexico	718	12.7	1.9	(9.0–16.4)
Las Vegas–Paradise, Nevada	1,197	17.8	1.7	(14.4–21.2)
Lawrence, Kansas	593	15.1	2.5	(10.1–20.1)
Lebanon, New Hampshire–Vermont	1,491	18.2	1.6	(15.1–21.3)
Lewiston, Idaho–Washington	531	18.2	2.4	(13.5–22.9)
Lincoln, Nebraska	1,034	18.0	2.2	(13.6–22.4)
Little Rock–North Little Rock–Conway, Arkansas	819	13.0	1.9	(9.3–16.7)
Los Angeles–Long Beach–Glendale, California†	1,985	14.7	1.1	(12.5–16.9)
Louisville/Jefferson County, Kentucky–Indiana	2,239	13.8	1.9	(10.0–17.6)
Lubbock, Texas	511	15.0	2.8	(9.6–20.4)
Manchester–Nashua, New Hampshire	1,407	19.3	2.2	(15.0–23.6)
Manhattan, Kansas	598	18.3	2.6	(13.2–23.4)
McAllen–Edinburg–Mission, Texas	527	16.1	2.5	(11.1–21.1)
Memphis, Tennessee–Mississippi–Arkansas	1,489	7.8	1.3	(5.2–10.4)
Miami–Fort Lauderdale–Pompano Beach, Florida	798	12.0	1.9	(8.3–15.7)
Milwaukee–Waukesha–West Allis, Wisconsin	797	21.8	2.6	(16.7–26.9)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,098	20.6	1.1	(18.4–22.8)
Minot, North Dakota	532	18.0	2.0	(14.0–22.0)
Mobile, Alabama	695	13.0	2.0	(9.0–17.0)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	668	16.2	2.4	(11.5–20.9)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	814	7.9	1.4	(5.2–10.6)
Nassau–Suffolk, New York†	919	17.6	2.0	(13.8–21.4)
Newark–Union, New Jersey–Pennsylvania†	3,210	15.0	1.1	(12.9–17.1)
New Haven–Milford, Connecticut	1,624	21.9	2.2	(17.6–26.2)
New Orleans–Metairie–Kenner, Louisiana	1,587	16.9	1.6	(13.8–20.0)
New York–White Plains–Wayne, New York–New Jersey†	4,258	15.6	1.0	(13.7–17.5)
Norfolk, Nebraska	615	20.2	2.6	(15.1–25.3)
North Platte, Nebraska	514	18.6	3.7	(11.3–25.9)
Oakland–Fremont–Hayward, California†	1,218	16.1	1.6	(12.9–19.3)
Ocean City, New Jersey	481	13.4	2.1	(9.3–17.5)
Ogden–Clearfield, Utah	1,589	8.2	1.0	(6.2–10.2)
Oklahoma City, Oklahoma	2,267	14.5	1.2	(12.2–16.8)
Olympia, Washington	803	14.2	1.7	(10.9–17.5)
Omaha–Council Bluffs, Nebraska–Iowa	2,291	19.7	1.4	(17.0–22.4)
Orlando–Kissimmee, Florida	873	15.5	2.2	(11.1–19.9)

See table footnotes on page 107.



**TABLE 32. (Continued) Estimated proportion of adults aged ≥18 years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	695	10.2	2.2	(5.9–14.5)
Peabody, Massachusetts†	2,171	17.0	1.7	(13.6–20.4)
Philadelphia, Pennsylvania†	1,630	17.5	1.4	(14.8–20.2)
Phoenix–Mesa–Scottsdale, Arizona	1,543	15.6	1.6	(12.4–18.8)
Pittsburgh, Pennsylvania	2,120	16.9	1.5	(13.9–19.9)
Portland–South Portland–Biddeford, Maine	2,611	16.6	1.1	(14.4–18.8)
Portland–Vancouver–Beaverton, Oregon–Washington	2,980	14.7	1.1	(12.6–16.8)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,978	17.7	0.8	(16.1–19.3)
Provo–Orem, Utah	1,130	3.5	0.7	(2.2–4.8)
Raleigh–Cary, North Carolina	989	14.0	1.7	(10.6–17.4)
Rapid City, South Dakota	980	17.4	1.7	(14.0–20.8)
Reno–Sparks, Nevada	1,259	16.8	1.5	(13.8–19.8)
Richmond, Virginia	768	11.5	2.1	(7.4–15.6)
Riverside–San Bernardino–Ontario, California	1,897	16.4	1.4	(13.7–19.1)
Riverton, Wyoming	494	15.2	2.9	(9.6–20.8)
Rochester, New York	555	12.2	2.0	(8.3–16.1)
Rockingham County–Strafford County, New Hampshire†	1,594	14.2	1.4	(11.4–17.0)
Rutland, Vermont	696	16.0	1.8	(12.5–19.5)
Sacramento–Arden–Arcade–Roseville, California	1,197	15.6	1.6	(12.4–18.8)
St. Louis, Missouri–Illinois	1,579	20.9	1.7	(17.5–24.3)
Salt Lake City, Utah	4,240	11.8	0.8	(10.3–13.3)
San Antonio, Texas	803	21.0	2.2	(16.8–25.2)
San Diego–Carlsbad–San Marcos, California	1,564	17.2	1.5	(14.2–20.2)
San Francisco–San Mateo–Redwood City, California†	955	19.6	2.0	(15.7–23.5)
San Jose–Sunnyvale–Santa Clara, California	849	10.4	1.3	(7.8–13.0)
Santa Ana–Anaheim–Irvine, California†	1,396	14.8	1.3	(12.2–17.4)
Santa Fe, New Mexico	752	14.9	2.3	(10.4–19.4)
Scottsbluff, Nebraska	756	9.5	1.7	(6.3–12.7)
Scranton–Wilkes-Barre, Pennsylvania	916	19.7	2.8	(14.2–25.2)
Seaford, Delaware	1,445	15.2	1.5	(12.3–18.1)
Seattle–Bellevue–Everett, Washington†	4,763	15.3	0.8	(13.8–16.8)
Shreveport–Bossier City, Louisiana	674	9.3	1.7	(5.9–12.7)
Sioux City, Iowa–Nebraska–South Dakota	1,124	21.4	2.9	(15.7–27.1)
Sioux Falls, South Dakota	834	19.0	2.2	(14.7–23.3)
Spokane, Washington	1,226	17.2	1.7	(13.8–20.6)
Springfield, Massachusetts	1,960	17.5	1.7	(14.2–20.8)
Tacoma, Washington†	1,722	15.4	1.3	(12.8–18.0)
Tallahassee, Florida	558	15.4	3.6	(8.3–22.5)
Tampa–St. Petersburg–Clearwater, Florida	831	17.2	2.1	(13.0–21.4)
Toledo, Ohio	825	20.5	2.7	(15.2–25.8)
Topeka, Kansas	1,918	15.6	1.3	(13.0–18.2)
Trenton–Ewing, New Jersey	488	17.3	2.3	(12.7–21.9)
Tucson, Arizona	679	11.9	1.9	(8.1–15.7)
Tulsa, Oklahoma	2,261	12.8	1.2	(10.5–15.1)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,001	12.6	1.8	(9.1–16.1)
Warren–Troy–Farmington Hills, Michigan†	1,765	18.5	1.3	(15.9–21.1)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,923	13.6	1.5	(10.7–16.5)
Wenatchee, Washington	553	15.9	2.3	(11.3–20.5)
Wichita, Kansas	3,851	14.2	0.9	(12.5–15.9)
Wilmington, Delaware–Maryland–New Jersey†	1,857	19.6	1.4	(17.0–22.2)
Wilmington, North Carolina	496	20.2	3.4	(13.6–26.8)
Worcester, Massachusetts	1,940	17.6	1.6	(14.4–20.8)
Yakima, Washington	770	11.6	1.7	(8.4–14.8)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	869	14.6	2.1	(10.6–18.6)
<i>Median</i>		15.5		
<i>Range</i>		3.5–23.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion; for females: having at least four drinks on at least one occasion.

† Metropolitan division.

**TABLE 33. Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	592	13.9	2.2	(9.6–18.2)
Mobile County, Alabama	695	13.0	2.0	(9.0–17.0)
Anchorage Municipality, Alaska	363	18.1	2.5	(13.1–23.1)
Maricopa County, Arizona	1,173	15.6	1.8	(12.2–19.0)
Pima County, Arizona	679	11.9	1.9	(8.1–15.7)
Pinal County, Arizona	370	16.3	3.7	(9.0–23.6)
Benton County, Arkansas	328	12.0	2.8	(6.5–17.5)
Pulaski County, Arkansas	537	16.5	2.6	(11.3–21.7)
Washington County, Arkansas	284	17.7	3.8	(10.3–25.1)
Alameda County, California	680	16.3	2.3	(11.8–20.8)
Contra Costa County, California	538	15.4	2.2	(11.1–19.7)
Los Angeles County, California	1,985	14.7	1.1	(12.5–16.9)
Orange County, California	1,396	14.8	1.3	(12.2–17.4)
Riverside County, California	1,008	15.8	2.0	(12.0–19.6)
Sacramento County, California	729	14.3	1.9	(10.6–18.0)
San Bernardino County, California	889	16.8	1.9	(13.1–20.5)
San Diego County, California	1,564	17.2	1.5	(14.2–20.2)
San Francisco County, California	409	21.1	2.7	(15.8–26.4)
San Mateo County, California	354	19.4	3.9	(11.8–27.0)
Santa Clara County, California	826	10.5	1.3	(7.9–13.1)
Adams County, Colorado	801	17.5	1.9	(13.7–21.3)
Arapahoe County, Colorado	841	13.0	1.6	(9.8–16.2)
Denver County, Colorado	841	24.0	2.4	(19.2–28.8)
Douglas County, Colorado	520	13.2	1.9	(9.5–16.9)
El Paso County, Colorado	950	15.1	1.6	(12.0–18.2)
Jefferson County, Colorado	1,042	17.5	1.8	(13.9–21.1)
Larimer County, Colorado	533	18.4	2.6	(13.4–23.4)
Weld County, Colorado	466	19.4	2.9	(13.7–25.1)
Fairfield County, Connecticut	1,895	21.5	1.9	(17.9–25.1)
Hartford County, Connecticut	1,465	16.3	1.7	(13.0–19.6)
Middlesex County, Connecticut	258	17.5	3.2	(11.3–23.7)
New Haven County, Connecticut	1,624	21.9	2.2	(17.6–26.2)
Tolland County, Connecticut	293	15.2	3.0	(9.4–21.0)
Kent County, Delaware	1,422	15.4	1.4	(12.7–18.1)
New Castle County, Delaware	1,439	20.7	1.6	(17.6–23.8)
Sussex County, Delaware	1,445	15.2	1.5	(12.3–18.1)
District of Columbia	3,766	18.8	1.0	(16.8–20.8)
Broward County, Florida	261	13.4	3.4	(6.6–20.2)
Duval County, Florida	486	15.3	2.6	(10.3–20.3)
Hillsborough County, Florida	271	14.7	2.8	(9.2–20.2)
Miami–Dade County, Florida	260	7.2	1.9	(3.5–10.9)
Orange County, Florida	284	15.5	3.5	(8.7–22.3)
Osceola County, Florida	281	15.7	3.3	(9.3–22.1)
Palm Beach County, Florida	277	14.9	3.3	(8.5–21.3)
Pinellas County, Florida	263	19.4	3.3	(12.9–25.9)
Clayton County, Georgia	241	9.7	3.5	(2.8–16.6)
Cobb County, Georgia	268	10.9	3.4	(4.2–17.6)
DeKalb County, Georgia	294	13.3	3.1	(7.2–19.4)
Fulton County, Georgia	319	12.1	2.5	(7.1–17.1)
Hawaii County, Hawaii	1,464	21.7	1.5	(18.7–24.7)
Honolulu County, Hawaii	2,960	15.9	1.0	(14.0–17.8)
Kauai County, Hawaii	635	19.4	2.5	(14.6–24.2)
Maui County, Hawaii	1,502	18.6	1.5	(15.7–21.5)
Ada County, Idaho	663	14.6	1.9	(10.8–18.4)
Bonneville County, Idaho	381	7.6	1.8	(4.0–11.2)
Canyon County, Idaho	451	14.9	2.6	(9.8–20.0)
Nez Perce County, Idaho	297	18.0	3.1	(12.0–24.0)
Cook County, Illinois	1,863	16.7	1.3	(14.2–19.2)
DuPage County, Illinois	391	18.1	2.7	(12.8–23.4)
Lake County, Illinois	297	12.7	2.4	(8.0–17.4)
Will County, Illinois	295	20.4	3.3	(14.0–26.8)
Allen County, Indiana	490	16.0	2.2	(11.7–20.3)
Lake County, Indiana	941	15.5	2.4	(10.8–20.2)

See table footnotes on page 112.

**TABLE 33. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,453	10.4	1.2	(8.0–12.8)
Vanderburgh County, Indiana	253	12.8	3.1	(6.8–18.8)
Linn County, Iowa	507	19.6	2.6	(14.6–24.6)
Polk County, Iowa	788	17.2	1.8	(13.6–20.8)
Scott County, Iowa	358	20.7	3.0	(14.7–26.7)
Butler County, Kansas	442	13.9	2.3	(9.4–18.4)
Douglas County, Kansas	593	15.1	2.5	(10.1–20.1)
Johnson County, Kansas	3,182	16.7	1.0	(14.7–18.7)
Leavenworth County, Kansas	460	11.6	2.1	(7.5–15.7)
Riley County, Kansas	282	21.7	4.5	(12.9–30.5)
Sedgwick County, Kansas	2,975	14.2	1.0	(12.3–16.1)
Shawnee County, Kansas	1,392	14.9	1.6	(11.9–17.9)
Wyandotte County, Kansas	1,065	13.5	1.7	(10.2–16.8)
Jefferson County, Kentucky	1,742	15.6	2.9	(9.9–21.3)
Caddo Parish, Louisiana	430	9.0	2.0	(5.0–13.0)
Calcasieu Parish, Louisiana	596	16.0	2.4	(11.3–20.7)
East Baton Rouge Parish, Louisiana	712	13.9	1.7	(10.5–17.3)
Jefferson Parish, Louisiana	547	12.6	2.2	(8.3–16.9)
Orleans Parish, Louisiana	372	22.2	4.1	(14.2–30.2)
Rapides Parish, Louisiana	449	12.5	2.5	(7.7–17.3)
St. Tammany Parish, Louisiana	423	21.8	2.8	(16.3–27.3)
Terrebonne Parish, Louisiana	296	16.1	3.3	(9.7–22.5)
Cumberland County, Maine	1,319	18.6	1.7	(15.4–21.8)
Kennebec County, Maine	644	13.1	2.1	(9.1–17.1)
Penobscot County, Maine	727	14.2	1.9	(10.5–17.9)
Sagadahoc County, Maine	343	15.1	2.5	(10.2–20.0)
York County, Maine	949	14.1	1.5	(11.1–17.1)
Anne Arundel County, Maryland	547	15.7	2.0	(11.7–19.7)
Baltimore County, Maryland	965	13.3	1.6	(10.2–16.4)
Cecil County, Maryland	243	22.2	3.6	(15.2–29.2)
Charles County, Maryland	311	10.5	2.8	(5.1–15.9)
Frederick County, Maryland	543	13.4	2.2	(9.2–17.6)
Harford County, Maryland	257	17.7	3.3	(11.2–24.2)
Howard County, Maryland	333	9.3	2.2	(5.1–13.5)
Montgomery County, Maryland	1,042	10.0	1.3	(7.4–12.6)
Prince George's County, Maryland	619	6.0	1.1	(3.8–8.2)
Queen Anne's County, Maryland	259	23.9	3.8	(16.5–31.3)
Washington County, Maryland	349	14.3	2.9	(8.6–20.0)
Baltimore City, Maryland	502	16.2	2.3	(11.7–20.7)
Bristol County, Massachusetts	2,806	16.8	1.7	(13.5–20.1)
Essex County, Massachusetts	2,171	17.5	1.8	(13.9–21.1)
Hampden County, Massachusetts	1,508	19.4	2.0	(15.4–23.4)
Hampshire County, Massachusetts	273	17.4	3.4	(10.7–24.1)
Middlesex County, Massachusetts	2,909	16.6	1.4	(13.9–19.3)
Norfolk County, Massachusetts	885	19.7	2.2	(15.4–24.0)
Plymouth County, Massachusetts	614	20.4	2.4	(15.8–25.0)
Suffolk County, Massachusetts	1,710	19.1	1.7	(15.8–22.4)
Worcester County, Massachusetts	1,940	17.6	1.6	(14.4–20.8)
Kent County, Michigan	458	16.5	2.6	(11.3–21.7)
Macomb County, Michigan	516	26.3	2.8	(20.8–31.8)
Oakland County, Michigan	924	14.9	1.6	(11.7–18.1)
Wayne County, Michigan	2,008	18.0	1.5	(15.0–21.0)
Anoka County, Minnesota	289	23.1	3.1	(17.0–29.2)
Dakota County, Minnesota	376	22.3	2.9	(16.6–28.0)
Hennepin County, Minnesota	1,129	19.4	1.6	(16.2–22.6)
Ramsey County, Minnesota	527	15.3	2.2	(10.9–19.7)
DeSoto County, Mississippi	620	9.8	2.0	(5.9–13.7)
George County, Mississippi	374	5.2	1.9	(1.5–8.9)
Hancock County, Mississippi	333	9.2	2.2	(4.9–13.5)
Harrison County, Mississippi	285	15.1	3.4	(8.5–21.7)
Hinds County, Mississippi	496	8.0	1.5	(5.0–11.0)
Jackson County, Mississippi	321	10.9	2.4	(6.2–15.6)
Rankin County, Mississippi	326	13.6	2.8	(8.1–19.1)

See table footnotes on page 112.

**TABLE 33. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	318	10.6	2.6	(5.5–15.7)
Jackson County, Missouri	485	17.3	2.7	(12.0–22.6)
St. Louis County, Missouri	468	19.2	3.1	(13.2–25.2)
St. Louis City, Missouri	472	24.3	4.2	(16.0–32.6)
Flathead County, Montana	533	12.3	2.0	(8.4–16.2)
Gallatin County, Montana	580	20.0	2.8	(14.5–25.5)
Silver Bow County, Montana	559	23.2	2.9	(17.5–28.9)
Yellowstone County, Montana	564	13.0	2.3	(8.6–17.4)
Adams County, Nebraska	441	16.3	2.6	(11.2–21.4)
Dakota County, Nebraska	694	18.1	2.1	(13.9–22.3)
Douglas County, Nebraska	910	19.0	1.8	(15.4–22.6)
Hall County, Nebraska	581	17.3	2.4	(12.5–22.1)
Lancaster County, Nebraska	769	17.9	2.5	(13.1–22.7)
Lincoln County, Nebraska	484	18.9	3.9	(11.3–26.5)
Madison County, Nebraska	406	19.8	3.0	(13.9–25.7)
Sarpy County, Nebraska	574	18.8	3.0	(12.9–24.7)
Scotts Bluff County, Nebraska	740	9.3	1.6	(6.1–12.5)
Seward County, Nebraska	265	16.6	3.1	(10.4–22.8)
Clark County, Nevada	1,197	17.8	1.7	(14.4–21.2)
Washoe County, Nevada	1,230	17.0	1.6	(13.9–20.1)
Grafton County, New Hampshire	497	15.5	3.0	(9.6–21.4)
Hillsborough County, New Hampshire	1,407	19.3	2.2	(15.0–23.6)
Merrimack County, New Hampshire	625	14.5	2.2	(10.2–18.8)
Rockingham County, New Hampshire	980	14.8	1.7	(11.5–18.1)
Strafford County, New Hampshire	614	13.9	2.1	(9.8–18.0)
Atlantic County, New Jersey	890	14.3	1.8	(10.8–17.8)
Bergen County, New Jersey	594	18.4	2.5	(13.6–23.2)
Burlington County, New Jersey	533	15.1	2.1	(10.9–19.3)
Camden County, New Jersey	587	13.2	1.9	(9.5–16.9)
Cape May County, New Jersey	481	13.4	2.1	(9.3–17.5)
Essex County, New Jersey	1,012	16.1	2.0	(12.2–20.0)
Gloucester County, New Jersey	494	16.2	2.2	(12.0–20.4)
Hudson County, New Jersey	952	13.1	1.5	(10.2–16.0)
Hunterdon County, New Jersey	522	15.6	2.0	(11.6–19.6)
Mercer County, New Jersey	488	17.3	2.3	(12.7–21.9)
Middlesex County, New Jersey	587	12.4	2.2	(8.1–16.7)
Monmouth County, New Jersey	530	15.9	2.1	(11.7–20.1)
Morris County, New Jersey	681	16.1	2.3	(11.6–20.6)
Ocean County, New Jersey	508	10.2	1.7	(6.9–13.5)
Passaic County, New Jersey	486	13.5	2.2	(9.2–17.8)
Somerset County, New Jersey	537	10.5	1.8	(7.0–14.0)
Sussex County, New Jersey	468	16.5	2.3	(12.0–21.0)
Union County, New Jersey	491	13.6	1.8	(10.0–17.2)
Warren County, New Jersey	463	14.7	2.2	(10.3–19.1)
Bernalillo County, New Mexico	1,441	13.6	1.5	(10.6–16.6)
Dona Ana County, New Mexico	718	12.7	1.9	(9.0–16.4)
McKinley County, New Mexico	562	8.8	1.6	(5.8–11.8)
Sandoval County, New Mexico	633	14.6	2.6	(9.6–19.6)
San Juan County, New Mexico	880	11.3	1.9	(7.6–15.0)
Santa Fe County, New Mexico	752	14.9	2.3	(10.4–19.4)
Valencia County, New Mexico	380	12.9	2.5	(8.1–17.7)
Erie County, New York	440	17.6	2.6	(12.4–22.8)
Kings County, New York	438	12.2	2.1	(8.1–16.3)
Monroe County, New York	375	15.0	2.8	(9.6–20.4)
Nassau County, New York	432	17.8	2.6	(12.7–22.9)
New York County, New York	512	21.3	2.5	(16.4–26.2)
Queens County, New York	468	16.6	2.5	(11.8–21.4)
Suffolk County, New York	487	17.1	2.6	(12.1–22.1)
Westchester County, New York	335	13.5	3.0	(7.5–19.5)
Buncombe County, North Carolina	391	12.4	2.3	(7.9–16.9)
Cabarrus County, North Carolina	343	12.6	2.3	(8.1–17.1)
Catawba County, North Carolina	359	14.8	2.9	(9.2–20.4)
Cumberland County, North Carolina	378	13.7	2.4	(9.0–18.4)

See table footnotes on page 112.

**TABLE 33. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	407	15.3	2.8	(9.9–20.7)
Gaston County, North Carolina	348	14.4	2.5	(9.4–19.4)
Guilford County, North Carolina	421	11.1	2.1	(7.0–15.2)
Henderson County, North Carolina	260	12.0	3.0	(6.2–17.8)
Johnston County, North Carolina	363	12.5	3.0	(6.6–18.4)
Mecklenburg County, North Carolina	601	15.9	2.2	(11.5–20.3)
New Hanover County, North Carolina	404	24.0	3.4	(17.3–30.7)
Orange County, North Carolina	362	9.2	2.2	(5.0–13.4)
Randolph County, North Carolina	348	7.3	1.7	(4.0–10.6)
Union County, North Carolina	361	15.2	2.9	(9.5–20.9)
Wake County, North Carolina	588	14.6	2.0	(10.6–18.6)
Burleigh County, North Dakota	549	19.8	2.8	(14.4–25.2)
Cass County, North Dakota	737	21.7	2.3	(17.1–26.3)
Ward County, North Dakota	459	18.1	2.3	(13.7–22.5)
Cuyahoga County, Ohio	674	16.3	1.9	(12.5–20.1)
Franklin County, Ohio	648	17.7	2.2	(13.3–22.1)
Hamilton County, Ohio	679	18.8	2.1	(14.8–22.8)
Lucas County, Ohio	669	18.5	2.5	(13.6–23.4)
Mahoning County, Ohio	672	15.8	2.1	(11.6–20.0)
Montgomery County, Ohio	667	11.0	1.7	(7.7–14.3)
Stark County, Ohio	673	10.7	1.7	(7.4–14.0)
Summit County, Ohio	667	17.6	2.3	(13.1–22.1)
Canadian County, Oklahoma	265	12.8	2.5	(7.8–17.8)
Cleveland County, Oklahoma	416	17.1	2.8	(11.5–22.7)
Oklahoma County, Oklahoma	1,204	14.9	1.5	(11.9–17.9)
Tulsa County, Oklahoma	1,558	13.6	1.3	(11.0–16.2)
Clackamas County, Oregon	411	11.6	2.2	(7.3–15.9)
Multnomah County, Oregon	623	19.0	2.4	(14.3–23.7)
Washington County, Oregon	421	12.8	2.3	(8.2–17.4)
Allegheny County, Pennsylvania	684	17.2	2.1	(13.2–21.2)
Bucks County, Pennsylvania	298	18.3	3.1	(12.2–24.4)
Delaware County, Pennsylvania	247	19.4	3.6	(12.3–26.5)
Fayette County, Pennsylvania	798	14.5	1.9	(10.9–18.1)
Luzerne County, Pennsylvania	763	16.4	1.9	(12.8–20.0)
Montgomery County, Pennsylvania	384	17.6	2.6	(12.5–22.7)
Philadelphia County, Pennsylvania	481	17.2	2.6	(12.1–22.3)
Westmoreland County, Pennsylvania	246	13.9	2.6	(8.8–19.0)
Kent County, Rhode Island	852	15.3	1.6	(12.2–18.4)
Newport County, Rhode Island	465	19.4	2.7	(14.1–24.7)
Providence County, Rhode Island	3,922	17.4	1.1	(15.3–19.5)
Washington County, Rhode Island	687	24.1	2.6	(19.1–29.1)
Aiken County, South Carolina	450	15.3	2.7	(10.0–20.6)
Beaufort County, South Carolina	665	19.3	2.8	(13.8–24.8)
Berkeley County, South Carolina	360	10.7	2.7	(5.3–16.1)
Charleston County, South Carolina	675	25.2	3.9	(17.6–32.8)
Greenville County, South Carolina	529	14.1	2.5	(9.2–19.0)
Horry County, South Carolina	668	16.2	2.4	(11.5–20.9)
Richland County, South Carolina	724	14.7	2.6	(9.6–19.8)
Minnehaha County, South Dakota	594	17.5	2.5	(12.5–22.5)
Pennington County, South Dakota	773	19.2	2.0	(15.2–23.2)
Davidson County, Tennessee	417	11.9	2.7	(6.6–17.2)
Hamilton County, Tennessee	420	10.3	2.2	(6.0–14.6)
Shelby County, Tennessee	356	7.3	1.8	(3.7–10.9)
Sullivan County, Tennessee	344	9.8	3.4	(3.1–16.5)
Bexar County, Texas	664	20.6	2.4	(15.9–25.3)
Dallas County, Texas	309	8.7	1.9	(4.9–12.5)
El Paso County, Texas	892	13.5	1.8	(9.9–17.1)
Fort Bend County, Texas	667	17.0	2.6	(12.0–22.0)
Harris County, Texas	1,114	17.1	1.8	(13.5–20.7)
Hidalgo County, Texas	527	16.1	2.5	(11.1–21.1)
Lubbock County, Texas	495	14.7	2.8	(9.2–20.2)
Tarrant County, Texas	473	12.9	2.3	(8.3–17.5)
Travis County, Texas	911	23.4	3.1	(17.3–29.5)

See table footnotes on page 112.

**TABLE 33. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	587	15.5	2.3	(10.9–20.1)
Davis County, Utah	794	7.1	1.3	(4.5–9.7)
Salt Lake County, Utah	3,266	11.8	0.8	(10.2–13.4)
Summit County, Utah	484	17.4	2.4	(12.7–22.1)
Tooele County, Utah	490	8.2	1.6	(5.0–11.4)
Utah County, Utah	1,073	3.4	0.7	(2.0–4.8)
Wasatch County, Utah	523	7.4	1.3	(4.8–10.0)
Weber County, Utah	760	10.3	1.6	(7.1–13.5)
Chittenden County, Vermont	1,380	19.4	1.7	(16.0–22.8)
Franklin County, Vermont	441	14.5	2.1	(10.4–18.6)
Orange County, Vermont	356	19.2	2.7	(13.9–24.5)
Rutland County, Vermont	696	16.0	1.8	(12.5–19.5)
Washington County, Vermont	679	16.7	2.2	(12.4–21.0)
Windsor County, Vermont	638	19.7	2.2	(15.5–23.9)
Benton County, Washington	416	11.1	1.9	(7.3–14.9)
Chelan County, Washington	290	16.8	3.0	(10.9–22.7)
Clark County, Washington	1,110	14.9	1.6	(11.8–18.0)
Douglas County, Washington	263	13.9	3.1	(7.8–20.0)
King County, Washington	3,138	16.6	1.0	(14.7–18.5)
Kitsap County, Washington	922	16.1	1.8	(12.6–19.6)
Pierce County, Washington	1,722	15.6	1.4	(12.9–18.3)
Skamania County, Washington	249	17.9	3.3	(11.3–24.5)
Snohomish County, Washington	1,625	14.3	1.2	(11.9–16.7)
Spokane County, Washington	1,226	17.2	1.7	(13.8–20.6)
Thurston County, Washington	803	14.2	1.7	(10.9–17.5)
Yakima County, Washington	770	11.6	1.7	(8.4–14.8)
Kanawha County, West Virginia	549	10.2	1.7	(6.8–13.6)
Milwaukee County, Wisconsin	592	21.0	2.8	(15.5–26.5)
Fremont County, Wyoming	494	15.2	2.9	(9.6–20.8)
Laramie County, Wyoming	924	14.1	1.8	(10.6–17.6)
Natrona County, Wyoming	758	16.4	1.9	(12.6–20.2)
<i>Median</i>		15.5		
<i>Range</i>		3.4–26.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion, for females: having at least four drinks on at least one occasion.



**TABLE 34. Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,606	3.9	0.4	(3.1–4.7)
Alaska	2,324	6.2	0.7	(4.8–7.6)
Arizona	5,316	6.0	0.6	(4.8–7.2)
Arkansas	3,883	4.6	0.6	(3.5–5.7)
California	16,095	6.1	0.3	(5.5–6.7)
Colorado	10,856	5.6	0.3	(5.0–6.2)
Connecticut	6,309	6.2	0.5	(5.2–7.2)
Delaware	4,284	5.8	0.6	(4.5–7.1)
District of Columbia	3,737	7.8	0.6	(6.5–9.1)
Florida	11,416	5.1	0.4	(4.4–5.8)
Georgia	5,638	4.2	0.4	(3.4–5.0)
Hawaii	6,552	6.5	0.4	(5.7–7.3)
Idaho	5,235	4.6	0.5	(3.7–5.5)
Illinois	5,747	5.4	0.4	(4.5–6.3)
Indiana	8,956	3.7	0.3	(3.1–4.3)
Iowa	5,859	5.3	0.4	(4.5–6.1)
Kansas	18,521	4.1	0.2	(3.6–4.6)
Kentucky	9,350	4.8	0.5	(3.7–5.9)
Louisiana	8,672	5.0	0.4	(4.2–5.8)
Maine	7,888	5.9	0.4	(5.2–6.6)
Maryland	8,324	4.3	0.3	(3.7–4.9)
Massachusetts	15,614	6.2	0.4	(5.5–6.9)
Michigan	8,917	5.2	0.3	(4.5–5.9)
Minnesota	5,555	5.0	0.4	(4.2–5.8)
Mississippi	10,908	3.1	0.2	(2.6–3.6)
Missouri	4,915	4.2	0.4	(3.3–5.1)
Montana	7,388	5.4	0.4	(4.7–6.1)
Nebraska	15,524	5.1	0.4	(4.3–5.9)
Nevada	3,716	6.9	0.7	(5.5–8.3)
New Hampshire	5,820	5.4	0.4	(4.5–6.3)
New Jersey	11,697	5.1	0.4	(4.3–5.9)
New Mexico	8,554	4.1	0.3	(3.5–4.7)
New York	6,674	5.1	0.4	(4.3–5.9)
North Carolina	12,921	4.4	0.4	(3.7–5.1)
North Dakota	4,605	5.1	0.5	(4.0–6.2)
Ohio	9,508	5.3	0.4	(4.6–6.0)
Oklahoma	7,683	3.5	0.3	(2.9–4.1)
Oregon	4,072	6.2	0.5	(5.1–7.3)
Pennsylvania	8,885	5.2	0.4	(4.5–5.9)
Rhode Island	6,131	5.5	0.5	(4.5–6.5)
South Carolina	9,536	4.8	0.4	(4.0–5.6)
South Dakota	6,621	4.0	0.4	(3.3–4.7)
Tennessee	5,349	1.9	0.3	(1.4–2.4)
Texas	11,252	5.1	0.4	(4.3–5.9)
Utah	9,946	3.0	0.2	(2.5–3.5)
Vermont	6,500	8.1	0.5	(7.1–9.1)
Virginia	4,917	5.4	0.9	(3.6–7.2)
Washington	19,642	5.5	0.2	(5.0–6.0)
West Virginia	4,752	2.7	0.3	(2.1–3.3)
Wisconsin	4,338	7.9	0.7	(6.5–9.3)
Wyoming	5,893	5.7	0.5	(4.7–6.7)
Guam	1,249	5.8	0.9	(4.0–7.6)
Puerto Rico	4,109	3.2	0.4	(2.4–4.0)
Virgin Islands	2,387	5.1	0.5	(4.1–6.1)
<i>Median</i>		5.1		
<i>Range</i>		1.9–8.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day; for adult women: having more than one drink per day.

**TABLE 35. Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	758	4.9	1.2	(2.6–7.2)
Albuquerque, New Mexico	2,529	4.0	0.5	(3.0–5.0)
Alexandria, Louisiana	513	3.9	1.4	(1.1–6.7)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	832	4.5	1.1	(2.3–6.7)
Anchorage, Alaska	495	6.0	1.1	(3.8–8.2)
Asheville, North Carolina	825	5.3	1.0	(3.3–7.3)
Atlanta–Sandy Springs–Marietta, Georgia	2,229	3.6	0.5	(2.6–4.6)
Atlantic City–Hammonton, New Jersey	881	5.6	0.9	(3.9–7.3)
Augusta–Richmond County, Georgia–South Carolina	848	3.2	1.3	(0.7–5.7)
Augusta–Waterville, Maine	638	5.4	1.3	(2.9–7.9)
Austin–Round Rock, Texas	1,567	6.8	1.2	(4.5–9.1)
Baltimore–Towson, Maryland	3,026	5.2	0.6	(4.0–6.4)
Bangor, Maine	721	4.8	1.1	(2.7–6.9)
Barre, Vermont	675	8.3	1.6	(5.2–11.4)
Baton Rouge, Louisiana	1,178	4.8	0.7	(3.4–6.2)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,569	3.7	0.6	(2.5–4.9)
Billings, Montana	612	4.2	1.4	(1.4–7.0)
Birmingham–Hoover, Alabama	1,136	2.8	0.7	(1.4–4.2)
Bismarck, North Dakota	710	5.4	1.6	(2.3–8.5)
Boise City–Nampa, Idaho	1,250	5.1	1.0	(3.2–7.0)
Boston–Quincy, Massachusetts <sup>†</sup>	3,173	7.0	0.8	(5.4–8.6)
Bozeman, Montana	578	9.2	1.7	(5.8–12.6)
Bremerton–Silverdale, Washington	915	5.8	0.9	(4.0–7.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,879	7.2	1.1	(5.0–9.4)
Buffalo–Niagara Falls, New York	536	5.5	1.3	(2.9–8.1)
Burlington–South Burlington, Vermont	1,881	6.9	0.9	(5.1–8.7)
Butte–Silver Bow, Montana	550	6.1	1.5	(3.2–9.0)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,889	6.1	0.7	(4.7–7.5)
Camden, New Jersey <sup>†</sup>	1,601	6.0	0.8	(4.4–7.6)
Canton–Massillon, Ohio	702	2.8	0.7	(1.4–4.2)
Casper, Wyoming	753	4.0	0.9	(2.2–5.8)
Cedar Rapids, Iowa	581	4.5	1.5	(1.6–7.4)
Charleston, West Virginia	840	3.3	0.7	(1.9–4.7)
Charleston–North Charleston–Summerville, South Carolina	1,157	5.4	1.1	(3.2–7.6)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,822	4.7	0.8	(3.1–6.3)
Chattanooga, Tennessee–Georgia	568	6.2	2.2	(1.8–10.6)
Cheyenne, Wyoming	924	5.1	1.0	(3.2–7.0)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,480	5.1	0.5	(4.1–6.1)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,668	6.3	0.9	(4.6–8.0)
Cleveland–Elyria–Mentor, Ohio	1,054	5.6	1.1	(3.5–7.7)
Colorado Springs, Colorado	1,073	4.5	0.8	(2.9–6.1)
Columbia, South Carolina	1,165	4.9	1.3	(2.3–7.5)
Columbus, Ohio	1,359	5.0	0.8	(3.4–6.6)
Concord, New Hampshire	620	4.9	1.0	(3.0–6.8)
Dallas–Plano–Irving, Texas <sup>†</sup>	569	4.3	1.2	(2.0–6.6)
Davenport–Moline–Rock Island, Iowa–Illinois	508	5.6	1.6	(2.4–8.8)
Dayton, Ohio	803	4.8	1.1	(2.6–7.0)
Denver–Aurora, Colorado	4,464	5.9	0.5	(5.0–6.8)
Des Moines–West Des Moines, Iowa	1,031	4.3	0.7	(2.8–5.8)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	1,992	4.2	0.7	(2.8–5.6)
Dover, Delaware	1,414	5.0	0.8	(3.5–6.5)
Durham, North Carolina	867	5.5	1.2	(3.2–7.8)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,134	3.9	0.6	(2.8–5.0)
El Paso, Texas	892	4.0	0.9	(2.3–5.7)
Evansville, Indiana–Kentucky	566	6.3	1.7	(3.0–9.6)
Fargo, North Dakota–Minnesota	792	8.1	2.8	(2.6–13.6)
Farmington, New Mexico	878	3.3	0.7	(1.9–4.7)
Fayetteville, North Carolina	528	3.9	1.5	(1.0–6.8)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	646	6.3	1.5	(3.4–9.2)
Fort Collins–Loveland, Colorado	527	9.1	1.7	(5.7–12.5)
Fort Wayne, Indiana	581	2.9	0.8	(1.3–4.5)
Fort Worth–Arlington, Texas <sup>†</sup>	583	6.4	1.6	(3.3–9.5)
Gallup, New Mexico	557	1.2	0.6	(0.1–2.3)

See table footnotes on page 116.

**TABLE 35. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	805	4.9	1.4	(2.2–7.6)
Grand Rapids–Wyoming, Michigan	623	4.4	1.1	(2.2–6.6)
Greeley, Colorado	465	4.2	1.1	(2.0–6.4)
Greensboro–High Point, North Carolina	807	4.8	1.1	(2.6–7.0)
Greenville–Mauldin–Easley, South Carolina	837	3.8	0.9	(2.0–5.6)
Gulfport–Biloxi, Mississippi	931	3.8	1.0	(1.8–5.8)
Hagerstown–Martinsburg, Maryland–West Virginia	603	3.8	1.1	(1.6–6.0)
Hartford–West Hartford–East Hartford, Connecticut	2,001	6.3	1.1	(4.2–8.4)
Hastings, Nebraska	566	3.8	1.0	(1.8–5.8)
Heber, Utah	519	3.9	1.5	(0.9–6.9)
Hickory–Lenoir–Morganton, North Carolina	770	4.7	2.0	(0.8–8.6)
Hilo, Hawaii	1,462	9.0	1.0	(7.1–10.9)
Hilton Head Island–Beaufort, South Carolina	775	8.9	1.8	(5.3–12.5)
Honolulu, Hawaii	2,949	5.4	0.5	(4.3–6.5)
Houma–Bayou Cane–Thibodaux, Louisiana	529	2.8	0.7	(1.4–4.2)
Houston–Sugar Land–Baytown, Texas	2,086	6.1	0.9	(4.4–7.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	684	1.2	0.3	(0.5–1.9)
Idaho Falls, Idaho	492	3.5	1.3	(1.0–6.0)
Indianapolis–Carmel, Indiana	2,132	4.0	0.6	(2.8–5.2)
Jackson, Mississippi	1,173	3.2	0.6	(2.0–4.4)
Jacksonville, Florida	1,023	6.0	1.3	(3.4–8.6)
Kahului–Wailuku, Hawaii	1,507	8.2	0.9	(6.5–9.9)
Kalispell, Montana	536	5.0	1.0	(2.9–7.1)
Kansas City, Missouri–Kansas	6,091	4.9	0.7	(3.5–6.3)
Kapaa, Hawaii	634	11.1	1.9	(7.4–14.8)
Kennewick–Pasco–Richland, Washington	645	2.9	0.8	(1.3–4.5)
Kingsport–Bristol–Bristol, Tennessee–Virginia	496	NA <sup>§</sup>	NA	NA
Lake Charles, Louisiana	603	4.6	1.3	(2.0–7.2)
Las Cruces, New Mexico	714	4.1	1.0	(2.2–6.0)
Las Vegas–Paradise, Nevada	1,184	6.2	0.9	(4.4–8.0)
Lawrence, Kansas	589	5.6	1.7	(2.3–8.9)
Lebanon, New Hampshire–Vermont	1,485	7.7	0.9	(5.9–9.5)
Lewiston, Idaho–Washington	524	7.3	1.7	(4.1–10.5)
Lincoln, Nebraska	1,030	3.6	0.7	(2.3–4.9)
Little Rock–North Little Rock–Conway, Arkansas	815	3.2	0.7	(1.8–4.6)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	1,981	4.9	0.7	(3.5–6.3)
Louisville/Jefferson County, Kentucky–Indiana	2,232	5.4	1.4	(2.6–8.2)
Lubbock, Texas	505	NA	NA	NA
Manchester–Nashua, New Hampshire	1,393	5.6	1.0	(3.7–7.5)
Manhattan, Kansas	595	4.9	1.5	(2.0–7.8)
McAllen–Edinburg–Mission, Texas	526	2.8	0.8	(1.3–4.3)
Memphis, Tennessee–Mississippi–Arkansas	1,485	2.0	0.8	(0.5–3.5)
Miami–Fort Lauderdale–Pompano Beach, Florida	777	3.1	0.8	(1.5–4.7)
Milwaukee–Waukesha–West Allis, Wisconsin	795	7.1	1.3	(4.5–9.7)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,093	5.4	0.5	(4.4–6.4)
Minot, North Dakota	526	3.5	0.8	(1.9–5.1)
Mobile, Alabama	690	5.0	1.4	(2.3–7.7)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	667	5.9	1.2	(3.6–8.2)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	811	2.4	0.7	(1.0–3.8)
Nassau–Suffolk, New York <sup>†</sup>	905	6.0	1.3	(3.5–8.5)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,191	4.4	0.6	(3.3–5.5)
New Haven–Milford, Connecticut	1,604	5.5	0.9	(3.7–7.3)
New Orleans–Metairie–Kenner, Louisiana	1,577	6.2	1.1	(4.0–8.4)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,208	4.6	0.5	(3.6–5.6)
Norfolk, Nebraska	612	5.0	1.5	(2.1–7.9)
North Platte, Nebraska	514	5.8	1.5	(2.9–8.7)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,218	8.0	1.2	(5.6–10.4)
Ocean City, New Jersey	476	5.9	1.4	(3.1–8.7)
Ogden–Clearfield, Utah	1,581	3.5	0.7	(2.2–4.8)
Oklahoma City, Oklahoma	2,254	3.8	0.6	(2.6–5.0)
Olympia, Washington	800	6.2	1.1	(4.1–8.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,276	7.3	0.9	(5.4–9.2)
Orlando–Kissimmee, Florida	863	4.7	1.0	(2.8–6.6)

See table footnotes on page 116.

**TABLE 35. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	692	4.9	1.7	(1.6–8.2)
Peabody, Massachusetts†	2,151	6.0	1.2	(3.7–8.3)
Philadelphia, Pennsylvania†	1,617	6.7	0.8	(5.1–8.3)
Phoenix–Mesa–Scottsdale, Arizona	1,541	5.9	0.9	(4.2–7.6)
Pittsburgh, Pennsylvania	2,113	5.0	0.8	(3.4–6.6)
Portland–South Portland–Biddeford, Maine	2,584	7.2	0.7	(5.9–8.5)
Portland–Vancouver–Beaverton, Oregon–Washington	2,936	6.6	0.7	(5.2–8.0)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,917	5.9	0.5	(4.9–6.9)
Provo–Orem, Utah	1,129	1.0	0.3	(0.3–1.7)
Raleigh–Cary, North Carolina	985	4.9	1.1	(2.7–7.1)
Rapid City, South Dakota	972	3.7	0.8	(2.2–5.2)
Reno–Sparks, Nevada	1,243	8.6	1.1	(6.5–10.7)
Richmond, Virginia	762	5.3	1.3	(2.8–7.8)
Riverside–San Bernardino–Ontario, California	1,895	5.7	1.0	(3.8–7.6)
Riverton, Wyoming	491	9.0	2.7	(3.8–14.2)
Rochester, New York	546	4.8	1.2	(2.5–7.1)
Rockingham County–Strafford County, New Hampshire†	1,583	6.3	1.1	(4.2–8.4)
Rutland, Vermont	692	8.0	1.2	(5.6–10.4)
Sacramento–Arden–Arcade–Roseville, California	1,197	7.0	1.0	(5.0–9.0)
St. Louis, Missouri–Illinois	1,571	5.4	0.9	(3.7–7.1)
Salt Lake City, Utah	4,224	3.5	0.4	(2.7–4.3)
San Antonio, Texas	801	5.8	1.1	(3.6–8.0)
San Diego–Carlsbad–San Marcos, California	1,567	6.1	0.9	(4.3–7.9)
San Francisco–San Mateo–Redwood City, California†	958	8.2	1.1	(6.0–10.4)
San Jose–Sunnyvale–Santa Clara, California	849	4.8	0.9	(3.1–6.5)
Santa Ana–Anaheim–Irvine, California†	1,396	6.2	0.9	(4.5–7.9)
Santa Fe, New Mexico	744	6.0	1.3	(3.5–8.5)
Scottsbluff, Nebraska	758	2.7	0.8	(1.2–4.2)
Scranton–Wilkes-Barre, Pennsylvania	913	5.2	1.0	(3.1–7.3)
Seaford, Delaware	1,439	6.5	1.0	(4.6–8.4)
Seattle–Bellevue–Everett, Washington†	4,704	5.1	0.4	(4.3–5.9)
Shreveport–Bossier City, Louisiana	671	5.3	1.4	(2.6–8.0)
Sioux City, Iowa–Nebraska–South Dakota	1,118	6.0	1.6	(2.8–9.2)
Sioux Falls, South Dakota	830	3.2	0.8	(1.6–4.8)
Spokane, Washington	1,220	5.5	0.8	(3.8–7.2)
Springfield, Massachusetts	1,950	4.8	0.7	(3.4–6.2)
Tacoma, Washington†	1,703	6.0	0.8	(4.5–7.5)
Tallahassee, Florida	556	6.2	1.8	(2.7–9.7)
Tampa–St. Petersburg–Clearwater, Florida	825	7.3	1.5	(4.3–10.3)
Toledo, Ohio	821	6.7	1.6	(3.5–9.9)
Topeka, Kansas	1,907	4.0	0.7	(2.5–5.5)
Trenton–Ewing, New Jersey	479	6.0	1.4	(3.3–8.7)
Tucson, Arizona	680	7.5	1.5	(4.6–10.4)
Tulsa, Oklahoma	2,246	3.8	0.5	(2.7–4.9)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	993	3.2	0.7	(1.8–4.6)
Warren–Troy–Farmington Hills, Michigan†	1,744	5.0	0.7	(3.7–6.3)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,886	6.0	1.2	(3.6–8.4)
Wenatchee, Washington	544	5.3	1.4	(2.5–8.1)
Wichita, Kansas	3,825	3.7	0.4	(2.9–4.5)
Wilmington, Delaware–Maryland–New Jersey†	1,846	4.9	0.7	(3.5–6.3)
Wilmington, North Carolina	492	7.5	2.1	(3.4–11.6)
Worcester, Massachusetts	1,928	5.9	1.1	(3.7–8.1)
Yakima, Washington	759	4.4	1.0	(2.5–6.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	871	3.7	1.0	(1.7–5.7)
<i>Median</i>		5.1		
<i>Range</i>		1.0–11.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day; for adult women: having more than one drink per day.

† Metropolitan division.

§ Estimate not available if the unweighted sample size for the denominator was <50 or if the 95% CI half width is >10.

**TABLE 36. Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	589	2.9	1.1	(0.8–5.0)
Mobile County, Alabama	690	5.0	1.4	(2.3–7.7)
Anchorage Municipality, Alaska	362	6.4	1.5	(3.5–9.3)
Maricopa County, Arizona	1,171	5.8	0.9	(4.0–7.6)
Pima County, Arizona	680	7.5	1.5	(4.6–10.4)
Pinal County, Arizona	370	8.5	3.3	(2.1–14.9)
Benton County, Arkansas	322	4.8	1.7	(1.5–8.1)
Pulaski County, Arkansas	535	5.3	1.3	(2.7–7.9)
Washington County, Arkansas	281	10.1	3.2	(3.8–16.4)
Alameda County, California	679	7.3	1.7	(3.9–10.7)
Contra Costa County, California	539	9.1	1.8	(5.6–12.6)
Los Angeles County, California	1,981	4.9	0.7	(3.5–6.3)
Orange County, California	1,396	6.2	0.9	(4.5–7.9)
Riverside County, California	1,005	4.3	0.9	(2.6–6.0)
Sacramento County, California	729	6.3	1.4	(3.6–9.0)
San Bernardino County, California	890	6.4	1.5	(3.5–9.3)
San Diego County, California	1,567	6.1	0.9	(4.3–7.9)
San Francisco County, California	409	9.1	1.8	(5.5–12.7)
San Mateo County, California	356	7.5	1.6	(4.3–10.7)
Santa Clara County, California	826	4.8	0.9	(3.1–6.5)
Adams County, Colorado	797	6.0	1.2	(3.6–8.4)
Arapahoe County, Colorado	835	4.8	0.8	(3.2–6.4)
Denver County, Colorado	838	7.1	1.1	(4.9–9.3)
Douglas County, Colorado	512	5.0	1.3	(2.5–7.5)
El Paso County, Colorado	932	4.6	0.9	(2.9–6.3)
Jefferson County, Colorado	1,038	6.2	0.9	(4.4–8.0)
Larimer County, Colorado	527	9.1	1.7	(5.7–12.5)
Weld County, Colorado	465	4.2	1.1	(2.0–6.4)
Fairfield County, Connecticut	1,879	7.2	1.1	(5.0–9.4)
Hartford County, Connecticut	1,456	5.9	1.1	(3.7–8.1)
Middlesex County, Connecticut	256	10.4	2.5	(5.6–15.2)
New Haven County, Connecticut	1,604	5.5	0.9	(3.7–7.3)
Tolland County, Connecticut	289	3.8	1.3	(1.2–6.4)
Kent County, Delaware	1,414	5.0	0.8	(3.5–6.5)
New Castle County, Delaware	1,431	5.8	1.0	(3.9–7.7)
Sussex County, Delaware	1,439	6.5	1.0	(4.6–8.4)
District of Columbia	3,737	7.1	0.6	(5.9–8.3)
Broward County, Florida	251	3.6	1.2	(1.3–5.9)
Duval County, Florida	478	5.2	1.7	(1.9–8.5)
Hillsborough County, Florida	269	4.5	1.7	(1.3–7.7)
Miami–Dade County, Florida	257	2.5	1.0	(0.6–4.4)
Orange County, Florida	281	5.4	1.8	(1.9–8.9)
Osceola County, Florida	280	5.9	1.7	(2.6–9.2)
Palm Beach County, Florida	269	4.0	1.6	(0.8–7.2)
Pinellas County, Florida	261	8.8	2.3	(4.3–13.3)
Clayton County, Georgia	240	7.5	3.4	(0.9–14.1)
Cobb County, Georgia	269	5.1	2.5	(0.1–10.1)
DeKalb County, Georgia	294	3.6	1.3	(1.0–6.2)
Fulton County, Georgia	317	2.4	0.9	(0.7–4.1)
Hawaii County, Hawaii	1,462	9.0	1.0	(7.1–10.9)
Honolulu County, Hawaii	2,949	5.4	0.5	(4.3–6.5)
Kauai County, Hawaii	634	11.1	1.9	(7.4–14.8)
Maui County, Hawaii	1,507	8.2	0.9	(6.5–9.9)
Ada County, Idaho	657	6.0	1.3	(3.5–8.5)
Bonneville County, Idaho	380	2.5	1.0	(0.5–4.5)
Canyon County, Idaho	451	3.6	1.3	(1.0–6.2)
Nez Perce County, Idaho	295	7.7	2.2	(3.3–12.1)
Cook County, Illinois	1,859	5.2	0.7	(3.8–6.6)
DuPage County, Illinois	390	7.1	1.8	(3.6–10.6)
Lake County, Illinois	298	3.4	1.5	(0.5–6.3)
Will County, Illinois	296	3.3	1.1	(1.1–5.5)
Allen County, Indiana	487	2.9	0.9	(1.2–4.6)
Lake County, Indiana	929	4.5	1.2	(2.2–6.8)

See table footnotes on page 121.

**TABLE 36. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,446	3.3	0.7	(2.0–4.6)
Vanderburgh County, Indiana	249	NA <sup>†</sup>	NA	NA
Linn County, Iowa	506	3.1	0.8	(1.6–4.6)
Polk County, Iowa	786	3.7	0.7	(2.3–5.1)
Scott County, Iowa	359	4.6	1.5	(1.7–7.5)
Butler County, Kansas	440	4.7	1.4	(1.9–7.5)
Douglas County, Kansas	589	5.6	1.7	(2.3–8.9)
Johnson County, Kansas	3,163	4.9	0.6	(3.7–6.1)
Leavenworth County, Kansas	455	2.2	0.8	(0.7–3.7)
Riley County, Kansas	281	7.2	3.1	(1.2–13.2)
Sedgwick County, Kansas	2,952	3.4	0.5	(2.5–4.3)
Shawnee County, Kansas	1,386	4.3	0.9	(2.5–6.1)
Wyandotte County, Kansas	1,052	2.6	0.6	(1.5–3.7)
Jefferson County, Kentucky	1,735	6.1	2.2	(1.7–10.5)
Caddo Parish, Louisiana	428	5.5	1.6	(2.4–8.6)
Calcasieu Parish, Louisiana	586	4.6	1.3	(2.0–7.2)
East Baton Rouge Parish, Louisiana	700	3.9	0.8	(2.3–5.5)
Jefferson Parish, Louisiana	540	5.8	1.5	(2.8–8.8)
Orleans Parish, Louisiana	371	6.4	3.0	(0.5–12.3)
Rapides Parish, Louisiana	443	4.2	1.6	(1.0–7.4)
St. Tammany Parish, Louisiana	422	8.3	1.9	(4.6–12.0)
Terrebonne Parish, Louisiana	297	2.9	1.0	(0.9–4.9)
Cumberland County, Maine	1,309	7.4	1.0	(5.5–9.3)
Kennebec County, Maine	638	5.4	1.3	(2.9–7.9)
Penobscot County, Maine	721	4.8	1.1	(2.7–6.9)
Sagadahoc County, Maine	332	8.2	1.9	(4.5–11.9)
York County, Maine	943	6.8	1.0	(4.9–8.7)
Anne Arundel County, Maryland	544	4.7	1.1	(2.6–6.8)
Baltimore County, Maryland	958	4.5	0.9	(2.8–6.2)
Cecil County, Maryland	239	4.3	1.5	(1.4–7.2)
Charles County, Maryland	309	2.6	1.0	(0.7–4.5)
Frederick County, Maryland	537	3.4	1.0	(1.4–5.4)
Harford County, Maryland	255	4.3	1.6	(1.1–7.5)
Howard County, Maryland	332	2.7	0.9	(1.0–4.4)
Montgomery County, Maryland	1,032	4.0	0.7	(2.6–5.4)
Prince George's County, Maryland	622	2.7	0.7	(1.3–4.1)
Queen Anne's County, Maryland	256	10.5	2.8	(5.0–16.0)
Washington County, Maryland	347	3.7	1.2	(1.3–6.1)
Baltimore City, Maryland	497	8.0	1.9	(4.3–11.7)
Bristol County, Massachusetts	2,786	6.8	1.1	(4.6–9.0)
Essex County, Massachusetts	2,151	6.1	1.2	(3.7–8.5)
Hampden County, Massachusetts	1,503	5.1	0.9	(3.3–6.9)
Hampshire County, Massachusetts	268	3.7	1.1	(1.5–5.9)
Middlesex County, Massachusetts	2,889	6.4	0.8	(4.9–7.9)
Norfolk County, Massachusetts	878	7.3	1.3	(4.8–9.8)
Plymouth County, Massachusetts	613	8.6	1.6	(5.4–11.8)
Suffolk County, Massachusetts	1,682	5.6	0.9	(3.8–7.4)
Worcester County, Massachusetts	1,928	5.9	1.1	(3.7–8.1)
Kent County, Michigan	452	4.0	1.3	(1.5–6.5)
Macomb County, Michigan	512	4.8	1.2	(2.5–7.1)
Oakland County, Michigan	909	4.7	1.0	(2.8–6.6)
Wayne County, Michigan	1,992	4.2	0.7	(2.8–5.6)
Anoka County, Minnesota	288	5.4	1.6	(2.3–8.5)
Dakota County, Minnesota	375	5.4	1.3	(2.8–8.0)
Hennepin County, Minnesota	1,126	6.7	1.0	(4.7–8.7)
Ramsey County, Minnesota	526	4.7	1.3	(2.1–7.3)
DeSoto County, Mississippi	618	2.0	0.5	(1.0–3.0)
George County, Mississippi	373	4.2	1.9	(0.5–7.9)
Hancock County, Mississippi	329	4.4	1.3	(1.9–6.9)
Harrison County, Mississippi	283	5.3	2.2	(1.0–9.6)
Hinds County, Mississippi	492	1.1	0.4	(0.3–1.9)
Jackson County, Mississippi	319	4.6	1.6	(1.4–7.8)
Rankin County, Mississippi	326	3.7	1.2	(1.3–6.1)

See table footnotes on page 121.



**TABLE 36. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	319	3.9	1.5	(1.0–6.8)
Jackson County, Missouri	480	4.6	1.1	(2.5–6.7)
St. Louis County, Missouri	467	3.4	1.2	(1.1–5.7)
St. Louis City, Missouri	466	5.9	1.7	(2.6–9.2)
Flathead County, Montana	536	5.0	1.0	(2.9–7.1)
Gallatin County, Montana	578	9.2	1.7	(5.8–12.6)
Silver Bow County, Montana	550	6.1	1.5	(3.2–9.0)
Yellowstone County, Montana	562	4.3	1.5	(1.4–7.2)
Adams County, Nebraska	439	4.0	1.2	(1.6–6.4)
Dakota County, Nebraska	686	3.9	1.2	(1.6–6.2)
Douglas County, Nebraska	904	7.3	1.3	(4.8–9.8)
Hall County, Nebraska	578	4.9	1.7	(1.6–8.2)
Lancaster County, Nebraska	767	3.5	0.7	(2.1–4.9)
Lincoln County, Nebraska	484	6.2	1.6	(3.1–9.3)
Madison County, Nebraska	405	6.2	1.8	(2.6–9.8)
Sarpy County, Nebraska	574	3.9	1.0	(1.9–5.9)
Scotts Bluff County, Nebraska	742	2.9	0.8	(1.3–4.5)
Seward County, Nebraska	263	3.4	1.4	(0.7–6.1)
Clark County, Nevada	1,184	6.2	0.9	(4.4–8.0)
Washoe County, Nevada	1,214	8.6	1.1	(6.5–10.7)
Grafton County, New Hampshire	495	4.1	1.0	(2.1–6.1)
Hillsborough County, New Hampshire	1,393	5.6	1.0	(3.7–7.5)
Merrimack County, New Hampshire	620	4.9	1.0	(3.0–6.8)
Rockingham County, New Hampshire	974	7.0	1.3	(4.5–9.5)
Strafford County, New Hampshire	609	3.8	0.9	(2.0–5.6)
Atlantic County, New Jersey	881	5.6	0.9	(3.9–7.3)
Bergen County, New Jersey	582	8.2	2.2	(3.9–12.5)
Burlington County, New Jersey	532	6.0	1.3	(3.4–8.6)
Camden County, New Jersey	579	5.7	1.4	(2.9–8.5)
Cape May County, New Jersey	476	5.9	1.4	(3.1–8.7)
Essex County, New Jersey	1,003	6.2	1.3	(3.7–8.7)
Gloucester County, New Jersey	490	6.5	1.7	(3.2–9.8)
Hudson County, New Jersey	942	5.3	1.0	(3.4–7.2)
Hunterdon County, New Jersey	520	4.9	1.0	(2.9–6.9)
Mercer County, New Jersey	479	6.0	1.4	(3.3–8.7)
Middlesex County, New Jersey	576	2.1	0.7	(0.8–3.4)
Monmouth County, New Jersey	526	6.3	1.4	(3.6–9.0)
Morris County, New Jersey	676	2.3	0.5	(1.3–3.3)
Ocean County, New Jersey	500	2.5	0.7	(1.2–3.8)
Passaic County, New Jersey	484	3.7	1.2	(1.3–6.1)
Somerset County, New Jersey	532	5.9	1.4	(3.2–8.6)
Sussex County, New Jersey	467	4.4	1.1	(2.3–6.5)
Union County, New Jersey	490	4.1	0.9	(2.3–5.9)
Warren County, New Jersey	459	4.8	1.4	(2.1–7.5)
Bernalillo County, New Mexico	1,435	4.1	0.7	(2.8–5.4)
Dona Ana County, New Mexico	714	4.1	1.0	(2.2–6.0)
McKinley County, New Mexico	557	1.2	0.6	(0.1–2.3)
Sandoval County, New Mexico	625	4.2	0.9	(2.4–6.0)
San Juan County, New Mexico	878	3.3	0.7	(1.9–4.7)
Santa Fe County, New Mexico	744	6.0	1.3	(3.5–8.5)
Valencia County, New Mexico	377	3.5	1.0	(1.5–5.5)
Erie County, New York	436	5.2	1.5	(2.2–8.2)
Kings County, New York	429	3.3	1.0	(1.3–5.3)
Monroe County, New York	367	6.0	1.6	(2.9–9.1)
Nassau County, New York	420	6.7	1.9	(3.0–10.4)
New York County, New York	501	5.4	1.1	(3.2–7.6)
Queens County, New York	464	2.0	0.7	(0.7–3.3)
Suffolk County, New York	485	5.1	1.5	(2.1–8.1)
Westchester County, New York	334	5.5	2.3	(1.0–10.0)
Buncombe County, North Carolina	388	4.1	1.2	(1.8–6.4)
Cabarrus County, North Carolina	340	3.7	1.2	(1.4–6.0)
Catawba County, North Carolina	356	6.5	3.0	(0.5–12.5)
Cumberland County, North Carolina	374	3.3	1.4	(0.5–6.1)

See table footnotes on page 121.

**TABLE 36. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	404	6.9	1.9	(3.2–10.6)
Gaston County, North Carolina	343	4.4	1.3	(1.8–7.0)
Guilford County, North Carolina	419	4.7	1.5	(1.9–7.5)
Henderson County, North Carolina	257	7.7	2.1	(3.6–11.8)
Johnston County, North Carolina	361	3.1	1.0	(1.1–5.1)
Mecklenburg County, North Carolina	600	6.0	1.6	(2.9–9.1)
New Hanover County, North Carolina	402	8.0	2.0	(4.0–12.0)
Orange County, North Carolina	360	3.7	1.7	(0.3–7.1)
Randolph County, North Carolina	347	2.4	1.0	(0.5–4.3)
Union County, North Carolina	360	2.2	0.9	(0.5–3.9)
Wake County, North Carolina	587	5.6	1.4	(2.8–8.4)
Burleigh County, North Dakota	540	5.4	1.9	(1.7–9.1)
Cass County, North Dakota	733	6.0	1.3	(3.5–8.5)
Ward County, North Dakota	454	3.4	0.9	(1.7–5.1)
Cuyahoga County, Ohio	667	3.3	0.8	(1.8–4.8)
Franklin County, Ohio	650	5.5	1.2	(3.2–7.8)
Hamilton County, Ohio	676	6.8	1.2	(4.4–9.2)
Lucas County, Ohio	665	5.2	1.1	(3.1–7.3)
Mahoning County, Ohio	673	4.3	1.3	(1.8–6.8)
Montgomery County, Ohio	668	4.5	1.1	(2.3–6.7)
Stark County, Ohio	669	3.1	0.8	(1.5–4.7)
Summit County, Ohio	663	4.1	1.0	(2.1–6.1)
Canadian County, Oklahoma	264	NA	NA	NA
Cleveland County, Oklahoma	415	5.0	1.5	(2.0–8.0)
Oklahoma County, Oklahoma	1,194	3.1	0.6	(1.9–4.3)
Tulsa County, Oklahoma	1,544	4.4	0.7	(3.1–5.7)
Clackamas County, Oregon	407	4.2	1.0	(2.2–6.2)
Multnomah County, Oregon	614	9.2	1.7	(5.9–12.5)
Washington County, Oregon	417	6.4	1.6	(3.3–9.5)
Allegheny County, Pennsylvania	683	5.7	1.3	(3.2–8.2)
Bucks County, Pennsylvania	292	6.5	1.6	(3.4–9.6)
Delaware County, Pennsylvania	245	6.7	2.1	(2.5–10.9)
Fayette County, Pennsylvania	795	4.9	1.1	(2.8–7.0)
Luzerne County, Pennsylvania	759	5.7	1.0	(3.7–7.7)
Montgomery County, Pennsylvania	383	7.0	1.8	(3.5–10.5)
Philadelphia County, Pennsylvania	478	6.7	1.6	(3.7–9.7)
Westmoreland County, Pennsylvania	243	4.7	1.5	(1.8–7.6)
Kent County, Rhode Island	843	4.2	0.8	(2.7–5.7)
Newport County, Rhode Island	463	9.4	2.1	(5.2–13.6)
Providence County, Rhode Island	3,897	5.1	0.7	(3.7–6.5)
Washington County, Rhode Island	685	5.7	1.1	(3.5–7.9)
Aiken County, South Carolina	448	3.5	1.3	(1.0–6.0)
Beaufort County, South Carolina	660	9.8	2.0	(5.9–13.7)
Berkeley County, South Carolina	357	NA	NA	NA
Charleston County, South Carolina	666	9.0	2.4	(4.3–13.7)
Greenville County, South Carolina	523	4.1	1.1	(2.0–6.2)
Horry County, South Carolina	667	5.9	1.2	(3.6–8.2)
Richland County, South Carolina	720	4.9	1.6	(1.7–8.1)
Minnehaha County, South Dakota	590	3.7	1.1	(1.5–5.9)
Pennington County, South Dakota	767	4.3	1.0	(2.4–6.2)
Davidson County, Tennessee	415	1.5	0.6	(0.4–2.6)
Hamilton County, Tennessee	416	2.9	0.9	(1.0–4.8)
Shelby County, Tennessee	358	2.6	1.2	(0.2–5.0)
Sullivan County, Tennessee	342	NA	NA	NA
Bexar County, Texas	662	4.8	1.0	(2.9–6.7)
Dallas County, Texas	303	4.3	1.2	(1.9–6.7)
El Paso County, Texas	892	4.0	0.9	(2.3–5.7)
Fort Bend County, Texas	665	4.1	0.9	(2.3–5.9)
Harris County, Texas	1,112	6.6	1.1	(4.4–8.8)
Hidalgo County, Texas	526	2.8	0.8	(1.3–4.3)
Lubbock County, Texas	489	NA	NA	NA
Tarrant County, Texas	473	6.1	1.7	(2.8–9.4)
Travis County, Texas	903	7.8	1.6	(4.7–10.9)

See table footnotes on page 121.

**TABLE 36. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	583	4.2	0.9	(2.5–5.9)
Davis County, Utah	791	2.3	0.7	(0.9–3.7)
Salt Lake County, Utah	3,259	3.4	0.4	(2.5–4.3)
Summit County, Utah	477	6.2	1.2	(3.9–8.5)
Tooele County, Utah	488	2.4	0.8	(0.9–3.9)
Utah County, Utah	1,072	0.9	0.3	(0.3–1.5)
Wasatch County, Utah	519	3.9	1.5	(0.9–6.9)
Weber County, Utah	755	5.2	1.2	(2.9–7.5)
Chittenden County, Vermont	1,367	7.0	1.1	(4.9–9.1)
Franklin County, Vermont	434	5.2	1.3	(2.7–7.7)
Orange County, Vermont	353	9.7	2.0	(5.7–13.7)
Rutland County, Vermont	692	8.0	1.2	(5.6–10.4)
Washington County, Vermont	675	8.3	1.6	(5.2–11.4)
Windsor County, Vermont	637	9.8	1.6	(6.8–12.8)
Benton County, Washington	411	3.5	1.1	(1.3–5.7)
Chelan County, Washington	284	5.7	1.9	(1.9–9.5)
Clark County, Washington	1,094	4.9	0.9	(3.1–6.7)
Douglas County, Washington	260	4.4	1.5	(1.4–7.4)
King County, Washington	3,103	5.2	0.5	(4.2–6.2)
Kitsap County, Washington	915	5.8	0.9	(4.0–7.6)
Pierce County, Washington	1,703	6.3	0.9	(4.6–8.0)
Skamania County, Washington	243	8.1	2.0	(4.2–12.0)
Snohomish County, Washington	1,601	6.5	0.8	(4.9–8.1)
Spokane County, Washington	1,220	5.5	0.8	(3.8–7.2)
Thurston County, Washington	800	6.2	1.1	(4.1–8.3)
Yakima County, Washington	759	4.4	1.0	(2.5–6.3)
Kanawha County, West Virginia	547	5.3	1.3	(2.8–7.8)
Milwaukee County, Wisconsin	590	8.8	2.0	(4.9–12.7)
Fremont County, Wyoming	491	9.0	2.7	(3.8–14.2)
Laramie County, Wyoming	924	5.1	1.0	(3.2–7.0)
Natrona County, Wyoming	753	4.0	0.9	(2.2–5.8)
<i>Median</i>		5.1		
<i>Range</i>		0.9–11.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day; for adult women: having more than one drink per day.

† Estimate not available if the unweighted sample size for the denominator was  $<50$  or if the 95% CI half width is  $>10$ .

**TABLE 37. Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,782	31.0	0.9	(29.3–32.7)
Alaska	2,422	22.4	1.3	(19.9–24.9)
Arizona	5,469	19.0	0.9	(17.2–20.8)
Arkansas	4,001	29.8	1.1	(27.7–31.9)
California	17,388	22.1	0.5	(21.2–23.0)
Colorado	11,933	17.7	0.5	(16.7–18.7)
Connecticut	6,493	21.6	0.7	(20.2–23.0)
Delaware	4,359	21.9	0.9	(20.2–23.6)
District of Columbia	3,898	19.6	0.9	(17.9–21.3)
Florida	12,031	24.7	0.8	(23.2–26.2)
Georgia	5,886	24.2	0.9	(22.5–25.9)
Hawaii	6,683	19.6	0.7	(18.2–21.0)
Idaho	5,380	21.0	0.8	(19.5–22.5)
Illinois	5,844	23.6	0.8	(22.1–25.1)
Indiana	9,266	27.2	0.7	(25.9–28.5)
Iowa	6,019	24.2	0.7	(22.8–25.6)
Kansas	18,895	23.2	0.4	(22.4–24.0)
Kentucky	9,648	29.7	0.8	(28.1–31.3)
Louisiana	8,870	28.6	0.7	(27.3–29.9)
Maine	8,067	21.2	0.6	(20.1–22.3)
Maryland	8,577	23.8	0.7	(22.5–25.1)
Massachusetts	16,714	20.9	0.5	(19.8–22.0)
Michigan	9,243	23.6	0.6	(22.4–24.8)
Minnesota	5,609	15.8	0.7	(14.4–17.2)
Mississippi	11,181	32.3	0.7	(31.0–33.6)
Missouri	5,057	26.7	0.9	(24.8–28.6)
Montana	7,610	22.0	0.7	(20.7–23.3)
Nebraska	15,971	24.2	0.7	(22.8–25.6)
Nevada	3,836	24.4	1.2	(22.0–26.8)
New Hampshire	5,983	21.2	0.7	(19.8–22.6)
New Jersey	12,374	26.2	0.6	(25.0–27.4)
New Mexico	8,830	22.4	0.7	(21.1–23.7)
New York	6,909	26.4	0.8	(24.9–27.9)
North Carolina	13,266	26.4	0.7	(25.1–27.7)
North Dakota	4,760	26.8	0.9	(25.1–28.5)
Ohio	9,757	26.4	0.7	(25.1–27.7)
Oklahoma	7,833	31.4	0.7	(30.0–32.8)
Oregon	4,289	17.7	0.8	(16.2–19.2)
Pennsylvania	9,157	25.7	0.7	(24.4–27.0)
Rhode Island	6,287	24.9	0.8	(23.4–26.4)
South Carolina	9,830	26.2	0.7	(24.8–27.6)
South Dakota	6,825	24.5	0.8	(23.0–26.0)
Tennessee	5,573	31.0	1.0	(29.1–32.9)
Texas	11,588	27.3	0.7	(25.8–28.8)
Utah	10,143	17.7	0.5	(16.6–18.8)
Vermont	6,653	20.2	0.6	(18.9–21.5)
Virginia	5,182	21.9	0.9	(20.1–23.7)
Washington	20,262	19.5	0.4	(18.7–20.3)
West Virginia	4,817	33.2	0.8	(31.6–34.8)
Wisconsin	4,545	22.0	1.0	(20.1–23.9)
Wyoming	6,048	22.5	0.7	(21.1–23.9)
Guam	1,266	25.4	1.5	(22.4–28.4)
Puerto Rico	4,239	45.6	1.0	(43.6–47.6)
Virgin Islands	2,503	31.8	1.2	(29.4–34.2)
<i>Median</i>		24.2		
<i>Range</i>		15.8–45.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Any physical activities or exercises (e.g., running, calisthenics, golf, gardening, or walking for exercise).

**TABLE 38. Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	780	24.8	2.1	(20.7–28.9)
Albuquerque, New Mexico	2,610	19.8	1.2	(17.4–22.2)
Alexandria, Louisiana	527	32.2	2.5	(27.2–37.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	865	29.8	2.6	(24.7–34.9)
Anchorage, Alaska	512	23.0	2.2	(18.8–27.2)
Asheville, North Carolina	846	19.9	1.7	(16.5–23.3)
Atlanta–Sandy Springs–Marietta, Georgia	2,335	22.2	1.4	(19.4–25.0)
Atlantic City–Hammonton, New Jersey	932	23.3	1.9	(19.7–26.9)
Augusta–Richmond County, Georgia–South Carolina	875	26.2	2.5	(21.3–31.1)
Augusta–Waterville, Maine	655	20.3	2.0	(16.4–24.2)
Austin–Round Rock, Texas	1,611	18.2	1.6	(15.0–21.4)
Baltimore–Towson, Maryland	3,106	24.5	1.1	(22.4–26.6)
Bangor, Maine	738	25.0	2.0	(21.1–28.9)
Barre, Vermont	690	16.6	1.8	(13.1–20.1)
Baton Rouge, Louisiana	1,209	24.2	1.6	(21.0–27.4)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,621	18.6	1.4	(15.8–21.4)
Billings, Montana	625	23.5	2.2	(19.1–27.9)
Birmingham–Hoover, Alabama	1,164	29.6	1.8	(26.0–33.2)
Bismarck, North Dakota	739	20.7	1.8	(17.1–24.3)
Boise City–Nampa, Idaho	1,280	18.4	1.4	(15.7–21.1)
Boston–Quincy, Massachusetts <sup>†</sup>	3,405	21.1	1.1	(18.9–23.3)
Bozeman, Montana	589	18.0	2.8	(12.6–23.4)
Bremerton–Silverdale, Washington	936	18.9	1.6	(15.7–22.1)
Bridgeport–Stamford–Norwalk, Connecticut	1,933	18.3	1.3	(15.8–20.8)
Buffalo–Niagara Falls, New York	551	25.7	2.5	(20.9–30.5)
Burlington–South Burlington, Vermont	1,932	17.7	1.1	(15.6–19.8)
Butte–Silver Bow, Montana	576	24.3	2.3	(19.7–28.9)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,081	16.8	1.0	(14.8–18.8)
Camden, New Jersey <sup>†</sup>	1,690	24.9	1.4	(22.1–27.7)
Canton–Massillon, Ohio	718	21.4	1.9	(17.7–25.1)
Casper, Wyoming	776	21.5	1.9	(17.8–25.2)
Cedar Rapids, Iowa	598	21.1	2.1	(17.0–25.2)
Charleston, West Virginia	856	33.7	1.9	(30.0–37.4)
Charleston–North Charleston–Summerville, South Carolina	1,192	21.9	1.9	(18.1–25.7)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,872	22.2	1.4	(19.5–24.9)
Chattanooga, Tennessee–Georgia	596	32.1	3.0	(26.3–37.9)
Cheyenne, Wyoming	944	25.4	1.9	(21.6–29.2)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,608	23.1	0.9	(21.3–24.9)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,729	25.7	1.6	(22.5–28.9)
Cleveland–Elyria–Mentor, Ohio	1,095	23.4	1.6	(20.2–26.6)
Colorado Springs, Colorado	1,181	17.5	1.5	(14.5–20.5)
Columbia, South Carolina	1,195	26.3	2.2	(21.9–30.7)
Columbus, Ohio	1,394	24.4	1.5	(21.4–27.4)
Concord, New Hampshire	631	20.4	2.0	(16.4–24.4)
Dallas–Plano–Irving, Texas <sup>†</sup>	590	22.6	2.4	(17.9–27.3)
Davenport–Moline–Rock Island, Iowa–Illinois	521	21.9	2.5	(16.9–26.9)
Dayton, Ohio	817	22.3	2.0	(18.5–26.1)
Denver–Aurora, Colorado	4,871	16.7	0.7	(15.3–18.1)
Des Moines–West Des Moines, Iowa	1,058	23.3	1.6	(20.1–26.5)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,073	27.8	1.5	(24.9–30.7)
Dover, Delaware	1,436	25.4	1.5	(22.5–28.3)
Durham, North Carolina	893	22.5	2.7	(17.1–27.9)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,262	24.0	1.2	(21.7–26.3)
El Paso, Texas	914	23.6	1.7	(20.2–27.0)
Evansville, Indiana–Kentucky	582	26.2	2.3	(21.7–30.7)
Fargo, North Dakota–Minnesota	811	16.3	2.2	(12.0–20.6)
Farmington, New Mexico	895	21.7	2.0	(17.7–25.7)
Fayetteville, North Carolina	544	24.2	2.2	(19.9–28.5)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	671	23.4	2.4	(18.8–28.0)
Fort Collins–Loveland, Colorado	586	14.1	2.1	(10.0–18.2)
Fort Wayne, Indiana	598	21.8	1.9	(18.0–25.6)
Fort Worth–Arlington, Texas <sup>†</sup>	601	23.8	2.2	(19.4–28.2)
Gallup, New Mexico	573	24.8	2.2	(20.5–29.1)

See table footnotes on page 125.

**TABLE 38. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	826	24.4	1.9	(20.8–28.0)
Grand Rapids–Wyoming, Michigan	645	18.9	2.0	(14.9–22.9)
Greeley, Colorado	507	16.1	2.0	(12.3–19.9)
Greensboro–High Point, North Carolina	826	25.7	2.1	(21.5–29.9)
Greenville–Mauldin–Easley, South Carolina	860	22.9	2.2	(18.7–27.1)
Gulfport–Biloxi, Mississippi	961	29.7	2.8	(24.1–35.3)
Hagerstown–Martinsburg, Maryland–West Virginia	621	26.4	2.2	(22.0–30.8)
Hartford–West Hartford–East Hartford, Connecticut	2,063	20.7	1.3	(18.2–23.2)
Hastings, Nebraska	580	26.0	2.5	(21.0–31.0)
Heber, Utah	527	15.5	2.1	(11.5–19.5)
Hickory–Lenoir–Morganton, North Carolina	794	29.7	2.3	(25.3–34.1)
Hilo, Hawaii	1,492	20.4	1.4	(17.6–23.2)
Hilton Head Island–Beaufort, South Carolina	810	18.4	2.2	(14.1–22.7)
Honolulu, Hawaii	3,005	19.9	0.9	(18.1–21.7)
Houma–Bayou Cane–Thibodaux, Louisiana	535	29.2	2.5	(24.3–34.1)
Houston–Sugar Land–Baytown, Texas	2,167	25.8	1.5	(22.8–28.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	696	33.1	2.5	(28.2–38.0)
Idaho Falls, Idaho	504	23.7	2.4	(19.0–28.4)
Indianapolis–Carmel, Indiana	2,214	26.4	1.4	(23.6–29.2)
Jackson, Mississippi	1,210	32.8	1.8	(29.3–36.3)
Jacksonville, Florida	1,080	24.3	2.1	(20.3–28.3)
Kahului–Wailuku, Hawaii	1,539	18.2	1.4	(15.5–20.9)
Kalispell, Montana	551	17.2	2.2	(12.8–21.6)
Kansas City, Missouri–Kansas	6,227	22.7	1.1	(20.6–24.8)
Kapaa, Hawaii	647	14.3	1.9	(10.6–18.0)
Kennewick–Pasco–Richland, Washington	662	24.5	2.2	(20.2–28.8)
Kingsport–Bristol–Bristol, Tennessee–Virginia	519	30.7	3.4	(24.0–37.4)
Lake Charles, Louisiana	622	30.3	2.4	(25.5–35.1)
Las Cruces, New Mexico	734	24.2	2.2	(19.8–28.6)
Las Vegas–Paradise, Nevada	1,224	26.4	1.7	(23.1–29.7)
Lawrence, Kansas	602	17.9	2.7	(12.6–23.2)
Lebanon, New Hampshire–Vermont	1,518	19.7	1.3	(17.1–22.3)
Lewiston, Idaho–Washington	544	25.4	2.3	(20.9–29.9)
Lincoln, Nebraska	1,060	19.7	2.0	(15.8–23.6)
Little Rock–North Little Rock–Conway, Arkansas	835	27.0	2.1	(22.9–31.1)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,169	23.4	1.2	(21.1–25.7)
Louisville/Jefferson County, Kentucky–Indiana	2,307	27.4	1.9	(23.6–31.2)
Lubbock, Texas	520	25.2	2.7	(19.9–30.5)
Manchester–Nashua, New Hampshire	1,436	22.7	1.7	(19.4–26.0)
Manhattan, Kansas	605	21.4	2.6	(16.4–26.4)
McAllen–Edinburg–Mission, Texas	539	40.2	3.0	(34.2–46.2)
Memphis, Tennessee–Mississippi–Arkansas	1,533	29.6	2.1	(25.5–33.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	850	24.5	2.1	(20.5–28.5)
Milwaukee–Waukesha–West Allis, Wisconsin	846	20.7	2.5	(15.8–25.6)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,128	14.1	0.9	(12.3–15.9)
Minot, North Dakota	541	29.9	2.5	(25.1–34.7)
Mobile, Alabama	714	30.1	2.4	(25.4–34.8)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	683	28.8	2.6	(23.8–33.8)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	28.0	2.3	(23.4–32.6)
Nassau–Suffolk, New York <sup>†</sup>	942	23.7	1.7	(20.3–27.1)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,369	26.7	1.2	(24.4–29.0)
New Haven–Milford, Connecticut	1,653	25.1	1.6	(21.9–28.3)
New Orleans–Metairie–Kenner, Louisiana	1,619	27.6	1.6	(24.4–30.8)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,430	28.9	1.1	(26.8–31.0)
Norfolk, Nebraska	630	24.7	2.2	(20.3–29.1)
North Platte, Nebraska	525	26.3	2.9	(20.5–32.1)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,313	18.2	1.6	(15.1–21.3)
Ocean City, New Jersey	511	24.2	2.6	(19.1–29.3)
Ogden–Clearfield, Utah	1,609	15.4	1.1	(13.3–17.5)
Oklahoma City, Oklahoma	2,300	29.6	1.2	(27.2–32.0)
Olympia, Washington	821	17.4	1.6	(14.3–20.5)
Omaha–Council Bluffs, Nebraska–Iowa	2,344	24.2	1.4	(21.5–26.9)
Orlando–Kissimmee, Florida	916	24.0	2.2	(19.7–28.3)

See table footnotes on page 125.



**TABLE 38. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	709	32.9	3.1	(26.8–39.0)
Peabody, Massachusetts†	2,312	22.8	1.6	(19.7–25.9)
Philadelphia, Pennsylvania†	1,673	24.4	1.4	(21.6–27.2)
Phoenix–Mesa–Scottsdale, Arizona	1,582	17.4	1.3	(14.9–19.9)
Pittsburgh, Pennsylvania	2,184	25.4	1.4	(22.7–28.1)
Portland–South Portland–Biddeford, Maine	2,652	17.2	0.9	(15.4–19.0)
Portland–Vancouver–Beaverton, Oregon–Washington	3,091	16.8	1.0	(14.9–18.7)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,263	25.6	0.8	(24.1–27.1)
Provo–Orem, Utah	1,141	13.3	1.4	(10.6–16.0)
Raleigh–Cary, North Carolina	1,014	21.4	1.7	(18.0–24.8)
Rapid City, South Dakota	1,005	23.6	1.6	(20.4–26.8)
Reno–Sparks, Nevada	1,281	16.2	1.3	(13.6–18.8)
Richmond, Virginia	811	21.0	2.0	(17.1–24.9)
Riverside–San Bernardino–Ontario, California	2,036	25.2	1.3	(22.7–27.7)
Riverton, Wyoming	501	23.3	2.5	(18.5–28.1)
Rochester, New York	565	19.5	2.2	(15.3–23.7)
Rockingham County–Strafford County, New Hampshire†	1,623	19.5	1.3	(17.0–22.0)
Rutland, Vermont	709	23.5	2.0	(19.6–27.4)
Sacramento–Arden–Arcade–Roseville, California	1,271	18.5	1.4	(15.7–21.3)
St. Louis, Missouri–Illinois	1,628	24.3	1.6	(21.2–27.4)
Salt Lake City, Utah	4,320	19.1	0.8	(17.5–20.7)
San Antonio, Texas	817	25.0	2.1	(21.0–29.0)
San Diego–Carlsbad–San Marcos, California	1,707	20.1	1.3	(17.6–22.6)
San Francisco–San Mateo–Redwood City, California†	1,039	17.7	1.6	(14.6–20.8)
San Jose–Sunnyvale–Santa Clara, California	912	18.5	1.8	(14.9–22.1)
Santa Ana–Anaheim–Irvine, California†	1,522	19.3	1.4	(16.6–22.0)
Santa Fe, New Mexico	772	18.0	2.1	(13.9–22.1)
Scottsbluff, Nebraska	772	26.7	2.1	(22.6–30.8)
Scranton–Wilkes-Barre, Pennsylvania	933	27.0	2.1	(22.9–31.1)
Seaford, Delaware	1,461	23.8	1.4	(21.0–26.6)
Seattle–Bellevue–Everett, Washington†	4,864	18.2	0.8	(16.7–19.7)
Shreveport–Bossier City, Louisiana	685	27.6	2.1	(23.4–31.8)
Sioux City, Iowa–Nebraska–South Dakota	1,159	31.0	2.9	(25.3–36.7)
Sioux Falls, South Dakota	855	21.7	1.7	(18.3–25.1)
Spokane, Washington	1,248	20.8	1.7	(17.6–24.0)
Springfield, Massachusetts	2,095	21.1	1.4	(18.4–23.8)
Tacoma, Washington†	1,757	20.8	1.3	(18.2–23.4)
Tallahassee, Florida	581	22.9	3.7	(15.6–30.2)
Tampa–St. Petersburg–Clearwater, Florida	866	25.3	2.4	(20.6–30.0)
Toledo, Ohio	843	27.7	2.4	(23.1–32.3)
Topeka, Kansas	1,941	23.3	1.2	(20.9–25.7)
Trenton–Ewing, New Jersey	509	23.9	2.3	(19.3–28.5)
Tucson, Arizona	690	20.9	2.3	(16.3–25.5)
Tulsa, Oklahoma	2,299	30.8	1.3	(28.3–33.3)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,055	19.0	1.6	(15.8–22.2)
Warren–Troy–Farmington Hills, Michigan*	1,814	20.5	1.2	(18.2–22.8)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,122	20.8	1.3	(18.2–23.4)
Wenatchee, Washington	567	19.2	2.1	(15.0–23.4)
Wichita, Kansas	3,906	21.8	0.8	(20.2–23.4)
Wilmington, Delaware–Maryland–New Jersey†	1,891	23.0	1.2	(20.6–25.4)
Wilmington, North Carolina	505	31.5	3.9	(23.8–39.2)
Worcester, Massachusetts	2,060	22.5	1.7	(19.2–25.8)
Yakima, Washington	788	26.2	1.9	(22.4–30.0)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	888	27.6	2.3	(23.1–32.1)
<i>Median</i>		23.4		
<i>Range</i>		13.3–40.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Any physical activities or exercises (e.g., running, calisthenics, golf, gardening, or walking for exercise).

† Metropolitan division.

**TABLE 39. Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	606	26.6	2.3	(22.2–31.0)
Mobile County, Alabama	714	30.1	2.4	(25.4–34.8)
Anchorage Municipality, Alaska	373	20.9	2.5	(16.1–25.7)
Maricopa County, Arizona	1,205	17.0	1.3	(14.4–19.6)
Pima County, Arizona	690	20.9	2.3	(16.3–25.5)
Pinal County, Arizona	377	23.4	3.6	(16.3–30.5)
Benton County, Arkansas	335	25.8	3.5	(18.9–32.7)
Pulaski County, Arkansas	550	25.5	2.5	(20.6–30.4)
Washington County, Arkansas	290	20.6	3.2	(14.2–27.0)
Alameda County, California	733	18.6	2.3	(14.2–23.0)
Contra Costa County, California	580	16.8	1.9	(13.0–20.6)
Los Angeles County, California	2,169	23.4	1.2	(21.1–25.7)
Orange County, California	1,522	19.3	1.4	(16.6–22.0)
Riverside County, California	1,091	25.6	1.8	(22.0–29.2)
Sacramento County, California	767	20.4	1.8	(16.8–24.0)
San Bernardino County, California	945	25.3	1.8	(21.7–28.9)
San Diego County, California	1,707	20.1	1.3	(17.6–22.6)
San Francisco County, California	443	19.1	2.4	(14.4–23.8)
San Mateo County, California	391	17.2	2.6	(12.0–22.4)
Santa Clara County, California	888	18.6	1.9	(14.9–22.3)
Adams County, Colorado	870	23.2	1.8	(19.7–26.7)
Arapahoe County, Colorado	899	16.2	1.6	(13.0–19.4)
Denver County, Colorado	911	17.9	2.0	(14.1–21.7)
Douglas County, Colorado	575	10.5	1.5	(7.5–13.5)
El Paso County, Colorado	1,029	17.4	1.6	(14.3–20.5)
Jefferson County, Colorado	1,140	14.8	1.3	(12.3–17.3)
Larimer County, Colorado	586	14.1	2.1	(10.0–18.2)
Weld County, Colorado	507	16.1	2.0	(12.3–19.9)
Fairfield County, Connecticut	1,933	18.3	1.3	(15.8–20.8)
Hartford County, Connecticut	1,497	21.1	1.4	(18.3–23.9)
Middlesex County, Connecticut	269	19.6	2.8	(14.2–25.0)
New Haven County, Connecticut	1,653	25.1	1.6	(21.9–28.3)
Tolland County, Connecticut	297	18.7	2.8	(13.1–24.3)
Kent County, Delaware	1,436	25.4	1.5	(22.5–28.3)
New Castle County, Delaware	1,462	20.1	1.3	(17.6–22.6)
Sussex County, Delaware	1,461	23.8	1.4	(21.0–26.6)
District of Columbia	3,898	21.5	1.0	(19.6–23.4)
Broward County, Florida	270	18.9	2.9	(13.3–24.5)
Duval County, Florida	505	25.8	3.0	(19.8–31.8)
Hillsborough County, Florida	282	29.0	3.8	(21.6–36.4)
Miami–Dade County, Florida	281	28.9	3.4	(22.2–35.6)
Orange County, Florida	302	24.5	3.5	(17.6–31.4)
Osceola County, Florida	288	29.6	3.7	(22.3–36.9)
Palm Beach County, Florida	299	18.8	2.7	(13.5–24.1)
Pinellas County, Florida	276	16.3	2.6	(11.2–21.4)
Clayton County, Georgia	255	30.3	4.3	(21.8–38.8)
Cobb County, Georgia	286	21.4	3.3	(14.9–27.9)
DeKalb County, Georgia	308	18.7	2.8	(13.2–24.2)
Fulton County, Georgia	333	18.2	2.6	(13.0–23.4)
Hawaii County, Hawaii	1,492	20.4	1.4	(17.6–23.2)
Honolulu County, Hawaii	3,005	19.9	0.9	(18.1–21.7)
Kauai County, Hawaii	647	14.3	1.9	(10.6–18.0)
Maui County, Hawaii	1,539	18.2	1.4	(15.5–20.9)
Ada County, Idaho	674	14.0	1.7	(10.7–17.3)
Bonneville County, Idaho	389	22.0	2.7	(16.8–27.2)
Canyon County, Idaho	462	22.4	2.6	(17.3–27.5)
Nez Perce County, Idaho	303	24.8	2.9	(19.1–30.5)
Cook County, Illinois	1,895	24.3	1.4	(21.6–27.0)
DuPage County, Illinois	394	15.8	2.2	(11.5–20.1)
Lake County, Illinois	302	15.2	2.4	(10.5–19.9)
Will County, Illinois	300	22.0	3.0	(16.1–27.9)
Allen County, Indiana	501	24.2	2.2	(19.8–28.6)
Lake County, Indiana	986	25.5	2.2	(21.2–29.8)

See table footnotes on page 130.

**TABLE 39. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,511	29.0	1.8	(25.4–32.6)
Vanderburgh County, Indiana	255	28.6	3.5	(21.8–35.4)
Linn County, Iowa	522	18.8	2.1	(14.7–22.9)
Polk County, Iowa	809	24.0	1.9	(20.3–27.7)
Scott County, Iowa	371	21.3	2.7	(15.9–26.7)
Butler County, Kansas	442	23.2	2.4	(18.5–27.9)
Douglas County, Kansas	602	17.9	2.7	(12.6–23.2)
Johnson County, Kansas	3,224	15.8	0.8	(14.3–17.3)
Leavenworth County, Kansas	465	21.9	2.4	(17.3–26.5)
Riley County, Kansas	286	17.8	4.1	(9.8–25.8)
Sedgwick County, Kansas	3,027	21.5	0.9	(19.7–23.3)
Shawnee County, Kansas	1,407	23.4	1.5	(20.6–26.2)
Wyandotte County, Kansas	1,083	34.4	2.0	(30.5–38.3)
Jefferson County, Kentucky	1,800	27.8	2.8	(22.3–33.3)
Caddo Parish, Louisiana	438	28.0	2.8	(22.6–33.4)
Calcasieu Parish, Louisiana	605	30.7	2.5	(25.8–35.6)
East Baton Rouge Parish, Louisiana	720	21.8	1.9	(18.0–25.6)
Jefferson Parish, Louisiana	561	28.4	2.6	(23.3–33.5)
Orleans Parish, Louisiana	381	25.7	3.0	(19.9–31.5)
Rapides Parish, Louisiana	457	32.3	2.7	(27.0–37.6)
St. Tammany Parish, Louisiana	428	22.4	2.6	(17.3–27.5)
Terrebonne Parish, Louisiana	298	31.4	3.5	(24.5–38.3)
Cumberland County, Maine	1,346	14.4	1.1	(12.2–16.6)
Kennebec County, Maine	655	20.3	2.0	(16.4–24.2)
Penobscot County, Maine	738	25.0	2.0	(21.1–28.9)
Sagadahoc County, Maine	342	16.1	2.3	(11.7–20.5)
York County, Maine	964	21.3	1.7	(18.1–24.5)
Anne Arundel County, Maryland	560	22.7	2.3	(18.2–27.2)
Baltimore County, Maryland	984	25.4	1.7	(22.1–28.7)
Cecil County, Maryland	250	26.9	3.3	(20.5–33.3)
Charles County, Maryland	314	22.6	2.7	(17.3–27.9)
Frederick County, Maryland	549	25.8	2.5	(21.0–30.6)
Harford County, Maryland	260	21.0	3.0	(15.2–26.8)
Howard County, Maryland	340	14.9	2.3	(10.5–19.3)
Montgomery County, Maryland	1,072	16.1	1.5	(13.2–19.0)
Prince George's County, Maryland	639	24.6	2.2	(20.3–28.9)
Queen Anne's County, Maryland	262	22.6	3.0	(16.8–28.4)
Washington County, Maryland	362	25.0	2.9	(19.3–30.7)
Baltimore City, Maryland	514	32.1	2.8	(26.7–37.5)
Bristol County, Massachusetts	2,976	27.6	1.8	(24.2–31.0)
Essex County, Massachusetts	2,312	21.1	1.5	(18.2–24.0)
Hampden County, Massachusetts	1,614	23.0	1.7	(19.7–26.3)
Hampshire County, Massachusetts	295	17.2	2.7	(12.0–22.4)
Middlesex County, Massachusetts	3,081	16.4	1.0	(14.4–18.4)
Norfolk County, Massachusetts	945	20.7	1.9	(17.0–24.4)
Plymouth County, Massachusetts	663	18.3	1.9	(14.5–22.1)
Suffolk County, Massachusetts	1,797	25.7	2.1	(21.7–29.7)
Worcester County, Massachusetts	2,060	22.5	1.7	(19.2–25.8)
Kent County, Michigan	466	15.7	1.9	(12.0–19.4)
Macomb County, Michigan	531	21.6	2.2	(17.4–25.8)
Oakland County, Michigan	946	19.4	1.6	(16.2–22.6)
Wayne County, Michigan	2,073	27.8	1.5	(24.9–30.7)
Anoka County, Minnesota	293	15.5	2.4	(10.8–20.2)
Dakota County, Minnesota	381	11.7	1.8	(8.2–15.2)
Hennepin County, Minnesota	1,139	13.7	1.4	(10.9–16.5)
Ramsey County, Minnesota	532	13.0	1.8	(9.4–16.6)
DeSoto County, Mississippi	629	30.9	2.8	(25.4–36.4)
George County, Mississippi	378	38.1	3.4	(31.4–44.8)
Hancock County, Mississippi	340	27.8	3.0	(21.9–33.7)
Harrison County, Mississippi	292	31.1	3.7	(23.8–38.4)
Hinds County, Mississippi	507	35.4	2.9	(29.7–41.1)
Jackson County, Mississippi	331	31.1	3.5	(24.2–38.0)
Rankin County, Mississippi	332	31.2	3.3	(24.7–37.7)

See table footnotes on page 130.

**TABLE 39. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	329	27.4	3.0	(21.4–33.4)
Jackson County, Missouri	492	22.2	2.3	(17.7–26.7)
St. Louis County, Missouri	483	21.6	2.5	(16.7–26.5)
St. Louis City, Missouri	491	28.6	3.2	(22.3–34.9)
Flathead County, Montana	551	17.2	2.2	(12.8–21.6)
Gallatin County, Montana	589	18.0	2.8	(12.6–23.4)
Silver Bow County, Montana	576	24.3	2.3	(19.7–28.9)
Yellowstone County, Montana	575	23.8	2.3	(19.2–28.4)
Adams County, Nebraska	446	24.3	2.8	(18.8–29.8)
Dakota County, Nebraska	713	32.9	2.2	(28.5–37.3)
Douglas County, Nebraska	935	24.5	1.9	(20.8–28.2)
Hall County, Nebraska	595	23.5	2.1	(19.4–27.6)
Lancaster County, Nebraska	784	19.7	2.1	(15.5–23.9)
Lincoln County, Nebraska	495	25.8	3.1	(19.8–31.8)
Madison County, Nebraska	418	20.5	2.5	(15.6–25.4)
Sarpy County, Nebraska	585	17.2	2.2	(12.9–21.5)
Scotts Bluff County, Nebraska	756	26.1	2.1	(22.0–30.2)
Seward County, Nebraska	276	21.8	3.0	(15.9–27.7)
Clark County, Nevada	1,224	26.4	1.7	(23.1–29.7)
Washoe County, Nevada	1,252	16.1	1.3	(13.5–18.7)
Grafton County, New Hampshire	513	21.4	2.5	(16.5–26.3)
Hillsborough County, New Hampshire	1,436	22.7	1.7	(19.4–26.0)
Merrimack County, New Hampshire	631	20.4	2.0	(16.4–24.4)
Rockingham County, New Hampshire	999	19.3	1.5	(16.4–22.2)
Strafford County, New Hampshire	624	20.0	2.0	(16.0–24.0)
Atlantic County, New Jersey	932	23.3	1.9	(19.7–26.9)
Bergen County, New Jersey	632	25.8	2.4	(21.0–30.6)
Burlington County, New Jersey	554	18.9	1.9	(15.1–22.7)
Camden County, New Jersey	623	27.1	2.3	(22.6–31.6)
Cape May County, New Jersey	511	24.2	2.6	(19.1–29.3)
Essex County, New Jersey	1,068	29.3	1.9	(25.5–33.1)
Gloucester County, New Jersey	513	27.3	2.7	(22.0–32.6)
Hudson County, New Jersey	1,007	32.5	1.9	(28.7–36.3)
Hunterdon County, New Jersey	540	20.8	2.5	(15.8–25.8)
Mercer County, New Jersey	509	23.9	2.3	(19.3–28.5)
Middlesex County, New Jersey	621	24.8	2.2	(20.4–29.2)
Monmouth County, New Jersey	555	21.6	2.0	(17.6–25.6)
Morris County, New Jersey	714	18.9	1.8	(15.3–22.5)
Ocean County, New Jersey	528	25.0	2.3	(20.4–29.6)
Passaic County, New Jersey	500	33.8	2.9	(28.2–39.4)
Somerset County, New Jersey	558	23.8	2.4	(19.0–28.6)
Sussex County, New Jersey	486	25.5	3.0	(19.7–31.3)
Union County, New Jersey	525	27.9	2.4	(23.2–32.6)
Warren County, New Jersey	481	25.9	2.5	(21.0–30.8)
Bernalillo County, New Mexico	1,474	18.2	1.5	(15.3–21.1)
Dona Ana County, New Mexico	734	24.2	2.2	(19.8–28.6)
McKinley County, New Mexico	573	24.8	2.2	(20.5–29.1)
Sandoval County, New Mexico	652	18.1	2.1	(14.0–22.2)
San Juan County, New Mexico	895	21.7	2.0	(17.7–25.7)
Santa Fe County, New Mexico	772	18.0	2.1	(13.9–22.1)
Valencia County, New Mexico	390	30.6	3.3	(24.2–37.0)
Erie County, New York	452	25.8	2.7	(20.5–31.1)
Kings County, New York	451	29.1	2.6	(23.9–34.3)
Monroe County, New York	382	17.6	2.4	(12.9–22.3)
Nassau County, New York	439	23.1	2.4	(18.4–27.8)
New York County, New York	526	21.1	2.5	(16.1–26.1)
Queens County, New York	482	30.5	2.6	(25.4–35.6)
Suffolk County, New York	503	23.7	2.3	(19.1–28.3)
Westchester County, New York	344	22.8	3.2	(16.5–29.1)
Buncombe County, North Carolina	399	16.5	2.1	(12.3–20.7)
Cabarrus County, North Carolina	350	22.1	2.7	(16.9–27.3)
Catawba County, North Carolina	367	26.7	3.0	(20.8–32.6)
Cumberland County, North Carolina	384	24.5	2.5	(19.7–29.3)

See table footnotes on page 130.

**TABLE 39. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	417	22.9	3.0	(17.0–28.8)
Gaston County, North Carolina	350	27.9	2.9	(22.1–33.7)
Guilford County, North Carolina	427	25.1	2.8	(19.7–30.5)
Henderson County, North Carolina	263	27.2	3.6	(20.1–34.3)
Johnston County, North Carolina	371	32.0	3.5	(25.2–38.8)
Mecklenburg County, North Carolina	617	21.0	2.2	(16.7–25.3)
New Hanover County, North Carolina	413	23.9	3.0	(17.9–29.9)
Orange County, North Carolina	370	11.4	1.7	(8.0–14.8)
Randolph County, North Carolina	357	29.7	3.0	(23.8–35.6)
Union County, North Carolina	369	17.7	2.3	(13.1–22.3)
Wake County, North Carolina	604	18.3	1.9	(14.5–22.1)
Burleigh County, North Dakota	564	19.2	2.1	(15.1–23.3)
Cass County, North Dakota	751	16.7	1.6	(13.5–19.9)
Ward County, North Dakota	468	29.8	2.8	(24.3–35.3)
Cuyahoga County, Ohio	691	23.1	2.0	(19.2–27.0)
Franklin County, Ohio	663	25.0	2.1	(21.0–29.0)
Hamilton County, Ohio	697	26.0	2.1	(21.8–30.2)
Lucas County, Ohio	685	26.5	2.3	(22.0–31.0)
Mahoning County, Ohio	684	29.3	2.3	(24.7–33.9)
Montgomery County, Ohio	679	22.7	2.0	(18.9–26.5)
Stark County, Ohio	685	22.2	2.0	(18.3–26.1)
Summit County, Ohio	681	24.4	2.0	(20.5–28.3)
Canadian County, Oklahoma	267	26.4	2.9	(20.6–32.2)
Cleveland County, Oklahoma	424	25.3	2.6	(20.3–30.3)
Oklahoma County, Oklahoma	1,222	29.9	1.6	(26.8–33.0)
Tulsa County, Oklahoma	1,581	28.2	1.4	(25.5–30.9)
Clackamas County, Oregon	433	14.8	2.0	(10.9–18.7)
Multnomah County, Oregon	651	17.2	1.9	(13.4–21.0)
Washington County, Oregon	441	16.3	2.3	(11.7–20.9)
Allegheny County, Pennsylvania	709	23.8	2.0	(20.0–27.6)
Bucks County, Pennsylvania	305	21.2	2.9	(15.6–26.8)
Delaware County, Pennsylvania	260	18.4	2.7	(13.1–23.7)
Fayette County, Pennsylvania	816	32.2	2.3	(27.6–36.8)
Luzerne County, Pennsylvania	776	32.4	2.3	(27.9–36.9)
Montgomery County, Pennsylvania	391	19.9	2.3	(15.3–24.5)
Philadelphia County, Pennsylvania	491	32.6	2.9	(26.9–38.3)
Westmoreland County, Pennsylvania	253	28.1	3.2	(21.9–34.3)
Kent County, Rhode Island	859	27.8	1.8	(24.2–31.4)
Newport County, Rhode Island	474	19.4	2.3	(14.8–24.0)
Providence County, Rhode Island	4,009	26.9	1.0	(25.0–28.8)
Washington County, Rhode Island	698	17.8	1.9	(14.0–21.6)
Aiken County, South Carolina	463	25.7	2.7	(20.5–30.9)
Beaufort County, South Carolina	690	17.4	2.3	(12.8–22.0)
Berkeley County, South Carolina	360	28.1	3.9	(20.5–35.7)
Charleston County, South Carolina	692	18.7	2.6	(13.7–23.7)
Greenville County, South Carolina	540	21.5	2.5	(16.6–26.4)
Horry County, South Carolina	683	28.8	2.6	(23.8–33.8)
Richland County, South Carolina	739	22.9	3.0	(17.0–28.8)
Minnehaha County, South Dakota	609	22.1	2.1	(18.0–26.2)
Pennington County, South Dakota	793	23.3	1.8	(19.7–26.9)
Davidson County, Tennessee	437	28.0	3.4	(21.3–34.7)
Hamilton County, Tennessee	439	27.2	3.1	(21.0–33.4)
Shelby County, Tennessee	375	26.2	2.9	(20.6–31.8)
Sullivan County, Tennessee	363	28.0	2.9	(22.3–33.7)
Bexar County, Texas	674	24.4	2.3	(20.0–28.8)
Dallas County, Texas	311	23.5	3.0	(17.5–29.5)
El Paso County, Texas	914	23.6	1.7	(20.2–27.0)
Fort Bend County, Texas	696	18.9	2.2	(14.6–23.2)
Harris County, Texas	1,152	26.5	1.9	(22.7–30.3)
Hidalgo County, Texas	539	40.2	3.0	(34.2–46.2)
Lubbock County, Texas	504	24.2	2.7	(18.9–29.5)
Tarrant County, Texas	488	21.1	2.3	(16.5–25.7)
Travis County, Texas	929	18.0	2.1	(13.9–22.1)

See table footnotes on page 130.

**TABLE 39. (Continued) Estimated proportion of adults aged  $\geq 18$  years who participated in no physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	597	19.2	2.6	(14.2–24.2)
Davis County, Utah	803	15.0	1.6	(12.0–18.0)
Salt Lake County, Utah	3,321	19.2	0.9	(17.5–20.9)
Summit County, Utah	500	10.7	1.6	(7.5–13.9)
Tooele County, Utah	499	23.8	2.5	(18.9–28.7)
Utah County, Utah	1,084	13.3	1.4	(10.5–16.1)
Wasatch County, Utah	527	15.5	2.1	(11.5–19.5)
Weber County, Utah	771	17.2	1.6	(14.0–20.4)
Chittenden County, Vermont	1,406	14.8	1.2	(12.5–17.1)
Franklin County, Vermont	445	26.7	2.4	(22.1–31.3)
Orange County, Vermont	358	19.1	2.4	(14.4–23.8)
Rutland County, Vermont	709	23.5	2.0	(19.6–27.4)
Washington County, Vermont	690	16.6	1.8	(13.1–20.1)
Windsor County, Vermont	647	19.2	1.9	(15.5–22.9)
Benton County, Washington	422	22.0	2.5	(17.1–26.9)
Chelan County, Washington	300	19.5	2.7	(14.2–24.8)
Clark County, Washington	1,138	18.7	1.9	(15.0–22.4)
Douglas County, Washington	267	18.7	3.3	(12.2–25.2)
King County, Washington	3,201	16.5	0.9	(14.8–18.2)
Kitsap County, Washington	936	18.9	1.6	(15.7–22.1)
Pierce County, Washington	1,757	20.3	1.3	(17.8–22.8)
Skamania County, Washington	253	26.1	3.5	(19.2–33.0)
Snohomish County, Washington	1,663	19.8	1.3	(17.3–22.3)
Spokane County, Washington	1,248	20.8	1.7	(17.6–24.0)
Thurston County, Washington	821	17.4	1.6	(14.3–20.5)
Yakima County, Washington	788	26.2	1.9	(22.4–30.0)
Kanawha County, West Virginia	556	32.2	2.3	(27.6–36.8)
Milwaukee County, Wisconsin	628	21.6	2.5	(16.8–26.4)
Fremont County, Wyoming	501	23.3	2.5	(18.5–28.1)
Laramie County, Wyoming	944	25.4	1.9	(21.6–29.2)
Natrona County, Wyoming	776	21.5	1.9	(17.8–25.2)
<i>Median</i>		22.6		
<i>Range</i>		10.5–40.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Any physical activities or exercises (e.g., running, calisthenics, golf, gardening, or walking for exercise).



**TABLE 40. Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,498	36.6	0.9	(34.8–38.4)
Alaska	2,340	37.9	1.6	(34.8–41.0)
Arizona	5,233	38.3	1.4	(35.6–41.0)
Arkansas	3,803	35.1	1.2	(32.8–37.4)
California	16,429	35.8	0.5	(34.7–36.9)
Colorado	11,427	36.7	0.7	(35.4–38.0)
Connecticut	6,139	38.0	0.9	(36.2–39.8)
Delaware	4,158	36.1	1.1	(33.9–38.3)
District of Columbia	3,728	31.6	1.0	(29.6–33.6)
Florida	11,452	36.9	0.9	(35.1–38.7)
Georgia	5,616	37.6	1.0	(35.6–39.6)
Hawaii	6,570	34.9	0.9	(33.2–36.6)
Idaho	5,151	36.2	1.0	(34.3–38.1)
Illinois	5,725	37.1	0.9	(35.4–38.8)
Indiana	8,863	35.2	0.8	(33.7–36.7)
Iowa	5,664	38.7	0.9	(37.0–40.4)
Kansas	18,126	35.8	0.5	(34.8–36.8)
Kentucky	9,200	34.7	0.9	(32.9–36.5)
Louisiana	8,530	33.7	0.8	(32.2–35.2)
Maine	7,776	37.8	0.7	(36.3–39.3)
Maryland	8,185	36.1	0.8	(34.5–37.7)
Massachusetts	15,592	35.7	0.7	(34.4–37.0)
Michigan	8,837	35.3	0.7	(33.9–36.7)
Minnesota	5,511	37.9	0.9	(36.1–39.7)
Mississippi	10,740	34.9	0.7	(33.5–36.3)
Missouri	4,903	35.0	1.0	(33.0–37.0)
Montana	7,376	38.4	0.9	(36.7–40.1)
Nebraska	15,445	36.8	0.8	(35.2–38.4)
Nevada	3,687	36.6	1.4	(33.8–39.4)
New Hampshire	5,725	36.5	1.0	(34.6–38.4)
New Jersey	11,582	38.0	0.7	(36.6–39.4)
New Mexico	8,532	36.2	0.8	(34.6–37.8)
New York	6,598	35.6	0.8	(33.9–37.3)
North Carolina	12,649	35.3	0.8	(33.8–36.8)
North Dakota	4,520	37.8	1.0	(35.9–39.7)
Ohio	9,338	37.0	0.7	(35.5–38.5)
Oklahoma	7,594	35.4	0.8	(33.9–36.9)
Oregon	4,099	37.0	1.1	(34.9–39.1)
Pennsylvania	8,745	36.0	0.8	(34.5–37.5)
Rhode Island	6,041	36.7	0.9	(34.9–38.5)
South Carolina	9,376	35.8	0.9	(34.1–37.5)
South Dakota	6,517	36.9	0.9	(35.1–38.7)
Tennessee	5,250	36.1	1.1	(34.0–38.2)
Texas	10,971	37.3	0.8	(35.7–38.9)
Utah	9,697	34.0	0.7	(32.6–35.4)
Vermont	6,444	34.8	0.8	(33.3–36.3)
Virginia	4,878	35.1	1.1	(32.9–37.3)
Washington	19,226	35.5	0.5	(34.5–36.5)
West Virginia	4,609	35.8	0.9	(34.1–37.5)
Wisconsin	4,249	36.4	1.2	(34.1–38.7)
Wyoming	5,830	36.8	0.9	(35.1–38.5)
Guam	1,220	34.4	1.7	(31.0–37.8)
Puerto Rico	4,007	37.7	1.0	(35.8–39.6)
Virgin Islands	2,386	35.7	1.2	(33.3–38.1)
<i>Median</i>		36.2		
<i>Range</i>		31.6–38.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $< 30.0$  kg/m.<sup>2</sup>

**TABLE 41. Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	748	37.3	2.6	(32.2–42.4)
Albuquerque, New Mexico	2,515	37.1	1.5	(34.2–40.0)
Alexandria, Louisiana	507	35.9	2.7	(30.6–41.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	817	38.2	2.8	(32.8–43.6)
Anchorage, Alaska	489	39.7	2.6	(34.5–44.9)
Asheville, North Carolina	814	35.9	2.1	(31.7–40.1)
Atlanta–Sandy Springs–Marietta, Georgia	2,239	38.9	1.6	(35.7–42.1)
Atlantic City–Hammonton, New Jersey	879	39.1	2.4	(34.4–43.8)
Augusta–Richmond County, Georgia–South Carolina	837	37.8	2.7	(32.6–43.0)
Augusta–Waterville, Maine	626	40.1	2.8	(34.6–45.6)
Austin–Round Rock, Texas	1,536	34.6	2.4	(29.8–39.4)
Baltimore–Towson, Maryland	2,983	36.4	1.2	(34.1–38.7)
Bangor, Maine	706	42.4	2.5	(37.4–47.4)
Barre, Vermont	675	32.7	2.2	(28.3–37.1)
Baton Rouge, Louisiana	1,162	31.2	1.8	(27.7–34.7)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,531	34.5	1.7	(31.2–37.8)
Billings, Montana	607	37.0	2.5	(32.1–41.9)
Birmingham–Hoover, Alabama	1,119	37.3	2.0	(33.3–41.3)
Bismarck, North Dakota	706	40.7	2.5	(35.8–45.6)
Boise City–Nampa, Idaho	1,240	35.5	1.8	(32.0–39.0)
Boston–Quincy, Massachusetts <sup>†</sup>	3,198	34.4	1.3	(31.8–37.0)
Bozeman, Montana	570	43.4	3.2	(37.1–49.7)
Bremerton–Silverdale, Washington	899	36.3	2.1	(32.2–40.4)
Bridgeport–Stamford–Norwalk, Connecticut	1,848	39.1	1.8	(35.5–42.7)
Buffalo–Niagara Falls, New York	523	37.0	2.9	(31.4–42.6)
Burlington–South Burlington, Vermont	1,879	37.5	1.5	(34.5–40.5)
Butte–Silver Bow, Montana	562	41.3	2.9	(35.5–47.1)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,876	35.0	1.4	(32.2–37.8)
Camden, New Jersey <sup>†</sup>	1,599	37.3	1.6	(34.1–40.5)
Canton–Massillon, Ohio	689	37.6	2.5	(32.7–42.5)
Casper, Wyoming	746	36.8	2.3	(32.3–41.3)
Cedar Rapids, Iowa	564	37.6	2.6	(32.5–42.7)
Charleston, West Virginia	803	37.4	2.1	(33.3–41.5)
Charleston–North Charleston–Summerville, South Carolina	1,128	35.4	2.5	(30.5–40.3)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,781	37.1	1.7	(33.8–40.4)
Chattanooga, Tennessee–Georgia	554	28.7	3.1	(22.7–34.7)
Cheyenne, Wyoming	907	37.7	2.3	(33.3–42.1)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,462	36.5	1.1	(34.4–38.6)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,674	40.4	1.9	(36.7–44.1)
Cleveland–Elyria–Mentor, Ohio	1,049	37.1	1.9	(33.3–40.9)
Colorado Springs, Colorado	1,132	38.6	1.9	(34.9–42.3)
Columbia, South Carolina	1,132	34.5	2.4	(29.8–39.2)
Columbus, Ohio	1,311	33.8	1.8	(30.3–37.3)
Concord, New Hampshire	612	37.8	2.7	(32.5–43.1)
Dallas–Plano–Irving, Texas <sup>†</sup>	556	37.0	3.1	(30.9–43.1)
Davenport–Moline–Rock Island, Iowa–Illinois	497	38.4	3.4	(31.7–45.1)
Dayton, Ohio	788	37.4	2.5	(32.5–42.3)
Denver–Aurora, Colorado	4,674	36.9	1.0	(35.0–38.8)
Des Moines–West Des Moines, Iowa	993	41.8	2.0	(37.8–45.8)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	1,977	34.6	1.7	(31.3–37.9)
Dover, Delaware	1,379	35.8	1.6	(32.6–39.0)
Durham, North Carolina	843	32.2	3.2	(25.9–38.5)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,117	38.2	1.4	(35.4–41.0)
El Paso, Texas	857	35.9	2.1	(31.7–40.1)
Evansville, Indiana–Kentucky	559	36.3	2.8	(30.9–41.7)
Fargo, North Dakota–Minnesota	777	36.9	3.2	(30.6–43.2)
Farmington, New Mexico	879	38.0	2.4	(33.3–42.7)
Fayetteville, North Carolina	528	38.7	3.1	(32.6–44.8)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	637	34.4	3.0	(28.6–40.2)
Fort Collins–Loveland, Colorado	570	37.9	3.0	(32.0–43.8)
Fort Wayne, Indiana	582	33.0	2.4	(28.4–37.6)
Fort Worth–Arlington, Texas <sup>†</sup>	565	41.4	2.7	(36.1–46.7)
Gallup, New Mexico	555	33.6	2.7	(28.4–38.8)

See table footnotes on page 134.

**TABLE 41. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	796	42.2	2.4	(37.6–46.8)
Grand Rapids–Wyoming, Michigan	620	29.7	2.4	(25.1–34.3)
Greeley, Colorado	487	39.9	3.3	(33.5–46.3)
Greensboro–High Point, North Carolina	786	37.0	2.5	(32.2–41.8)
Greenville–Mauldin–Easley, South Carolina	822	33.3	2.6	(28.2–38.4)
Gulfport–Biloxi, Mississippi	924	34.0	3.0	(28.0–40.0)
Hagerstown–Martinsburg, Maryland–West Virginia	598	36.8	2.6	(31.8–41.8)
Hartford–West Hartford–East Hartford, Connecticut	1,948	35.4	1.6	(32.3–38.5)
Hastings, Nebraska	558	38.9	2.8	(33.4–44.4)
Heber, Utah	508	37.1	3.0	(31.3–42.9)
Hickory–Lenoir–Morganton, North Carolina	755	33.9	2.3	(29.3–38.5)
Hilo, Hawaii	1,477	37.2	1.6	(34.0–40.4)
Hilton Head Island–Beaufort, South Carolina	776	44.1	2.8	(38.7–49.5)
Honolulu, Hawaii	2,934	34.9	1.1	(32.7–37.1)
Houma–Bayou Cane–Thibodaux, Louisiana	511	30.7	2.8	(25.3–36.1)
Houston–Sugar Land–Baytown, Texas	2,052	37.1	1.6	(33.9–40.3)
Huntington–Ashland, West Virginia–Kentucky–Ohio	667	31.5	2.4	(26.8–36.2)
Idaho Falls, Idaho	483	37.8	2.8	(32.4–43.2)
Indianapolis–Carmel, Indiana	2,132	37.7	1.7	(34.4–41.0)
Jackson, Mississippi	1,166	33.6	1.8	(30.0–37.2)
Jacksonville, Florida	1,025	36.3	2.4	(31.7–40.9)
Kahului–Wailuku, Hawaii	1,519	32.0	1.7	(28.7–35.3)
Kalispell, Montana	538	36.1	2.6	(30.9–41.3)
Kansas City, Missouri–Kansas	5,981	34.7	1.2	(32.4–37.0)
Kapaa, Hawaii	640	36.7	2.6	(31.7–41.7)
Kennewick–Pasco–Richland, Washington	601	34.7	2.8	(29.3–40.1)
Kingsport–Bristol–Bristol, Tennessee–Virginia	488	35.8	3.6	(28.7–42.9)
Lake Charles, Louisiana	599	28.7	2.3	(24.1–33.3)
Las Cruces, New Mexico	694	33.8	2.5	(28.9–38.7)
Las Vegas–Paradise, Nevada	1,166	35.4	1.9	(31.7–39.1)
Lawrence, Kansas	591	30.8	2.9	(25.0–36.6)
Lebanon, New Hampshire–Vermont	1,468	34.9	1.6	(31.8–38.0)
Lewiston, Idaho–Washington	527	36.6	2.8	(31.1–42.1)
Lincoln, Nebraska	1,033	35.1	2.4	(30.3–39.9)
Little Rock–North Little Rock–Conway, Arkansas	794	34.2	2.4	(29.5–38.9)
Los Angeles–Long Beach–Glendale, California†	2,018	34.9	1.4	(32.2–37.6)
Louisville/Jefferson County, Kentucky–Indiana	2,204	30.8	2.1	(26.7–34.9)
Lubbock, Texas	507	32.5	2.9	(26.7–38.3)
Manchester–Nashua, New Hampshire	1,362	36.7	2.2	(32.4–41.0)
Manhattan, Kansas	586	38.1	2.9	(32.4–43.8)
McAllen–Edinburg–Mission, Texas	497	38.2	3.1	(32.1–44.3)
Memphis, Tennessee–Mississippi–Arkansas	1,467	37.6	2.6	(32.5–42.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	796	38.1	2.5	(33.1–43.1)
Milwaukee–Waukesha–West Allis, Wisconsin	777	36.2	2.9	(30.5–41.9)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,069	38.4	1.2	(36.0–40.8)
Minot, North Dakota	511	39.4	2.7	(34.2–44.6)
Mobile, Alabama	688	32.2	2.5	(27.3–37.1)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	662	38.8	2.6	(33.6–44.0)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	800	38.9	2.6	(33.8–44.0)
Nassau–Suffolk, New York†	900	37.0	2.1	(32.9–41.1)
Newark–Union, New Jersey–Pennsylvania*	3,134	39.6	1.4	(36.9–42.3)
New Haven–Milford, Connecticut	1,558	38.2	2.0	(34.3–42.1)
New Orleans–Metairie–Kenner, Louisiana	1,554	35.6	1.8	(32.1–39.1)
New York–White Plains–Wayne, New York–New Jersey†	4,185	34.5	1.1	(32.4–36.6)
Norfolk, Nebraska	601	34.7	2.6	(29.7–39.7)
North Platte, Nebraska	508	40.0	3.5	(33.2–46.8)
Oakland–Fremont–Hayward, California†	1,245	35.7	1.9	(32.0–39.4)
Ocean City, New Jersey	472	38.6	3.0	(32.8–44.4)
Ogden–Clearfield, Utah	1,539	35.2	1.6	(32.0–38.4)
Oklahoma City, Oklahoma	2,225	37.1	1.4	(34.4–39.8)
Olympia, Washington	786	35.0	2.2	(30.7–39.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,260	34.9	1.5	(31.9–37.9)
Orlando–Kissimmee, Florida	869	39.7	2.7	(34.5–44.9)

See table footnotes on page 134.

**TABLE 41. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	683	37.6	3.3	(31.0–44.2)
Peabody, Massachusetts†	2,135	36.9	1.9	(33.3–40.5)
Philadelphia, Pennsylvania†	1,602	35.4	1.6	(32.3–38.5)
Phoenix–Mesa–Scottsdale, Arizona	1,516	40.6	1.9	(36.8–44.4)
Pittsburgh, Pennsylvania	2,088	37.6	1.7	(34.2–41.0)
Portland–South Portland–Biddeford, Maine	2,586	38.6	1.3	(36.1–41.1)
Portland–Vancouver–Beaverton, Oregon–Washington	2,951	36.0	1.4	(33.3–38.7)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,795	37.8	0.9	(36.0–39.6)
Provo–Orem, Utah	1,080	33.3	2.0	(29.3–37.3)
Raleigh–Cary, North Carolina	968	37.1	2.2	(32.9–41.3)
Rapid City, South Dakota	973	38.1	2.0	(34.3–41.9)
Reno–Sparks, Nevada	1,232	39.6	1.9	(35.9–43.3)
Richmond, Virginia	761	36.1	2.5	(31.2–41.0)
Riverside–San Bernardino–Ontario, California	1,925	37.3	1.5	(34.3–40.3)
Riverton, Wyoming	488	35.2	2.8	(29.7–40.7)
Rochester, New York	543	35.0	2.8	(29.5–40.5)
Rockingham County–Strafford County, New Hampshire†	1,555	35.6	1.7	(32.2–39.0)
Rutland, Vermont	678	36.5	2.3	(32.1–40.9)
Sacramento–Arden–Arcade–Roseville, California	1,215	36.0	1.9	(32.3–39.7)
St. Louis, Missouri–Illinois	1,592	35.3	1.8	(31.7–38.9)
Salt Lake City, Utah	4,124	34.0	1.0	(32.0–36.0)
San Antonio, Texas	784	38.5	2.5	(33.6–43.4)
San Diego–Carlsbad–San Marcos, California	1,613	37.7	1.7	(34.5–40.9)
San Francisco–San Mateo–Redwood City, California†	990	33.1	2.0	(29.2–37.0)
San Jose–Sunnyvale–Santa Clara, California	872	32.2	2.1	(28.0–36.4)
Santa Ana–Anaheim–Irvine, California†	1,439	40.0	1.7	(36.7–43.3)
Santa Fe, New Mexico	749	32.5	2.4	(27.7–37.3)
Scottsbluff, Nebraska	745	37.3	2.4	(32.5–42.1)
Scranton–Wilkes-Barre, Pennsylvania	888	42.4	2.9	(36.8–48.0)
Seaford, Delaware	1,382	38.1	1.8	(34.6–41.6)
Seattle–Bellevue–Everett, Washington†	4,618	34.5	1.0	(32.6–36.4)
Shreveport–Bossier City, Louisiana	656	32.6	2.5	(27.8–37.4)
Sioux City, Iowa–Nebraska–South Dakota	1,098	40.9	3.3	(34.5–47.3)
Sioux Falls, South Dakota	816	37.6	2.3	(33.1–42.1)
Spokane, Washington	1,211	35.0	1.8	(31.4–38.6)
Springfield, Massachusetts	1,961	32.3	1.8	(28.9–35.7)
Tacoma, Washington†	1,681	36.5	1.6	(33.3–39.7)
Tallahassee, Florida	544	31.3	4.5	(22.5–40.1)
Tampa–St. Petersburg–Clearwater, Florida	823	35.5	2.5	(30.7–40.3)
Toledo, Ohio	811	39.8	2.6	(34.8–44.8)
Topeka, Kansas	1,837	33.1	1.5	(30.2–36.0)
Trenton–Ewing, New Jersey	480	38.9	2.8	(33.4–44.4)
Tucson, Arizona	669	31.3	2.4	(26.6–36.0)
Tulsa, Oklahoma	2,222	35.1	1.4	(32.4–37.8)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	981	41.2	2.6	(36.1–46.3)
Warren–Troy–Farmington Hills, Michigan†	1,742	37.8	1.5	(34.8–40.8)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,834	33.6	1.6	(30.4–36.8)
Wenatchee, Washington	525	34.0	2.8	(28.5–39.5)
Wichita, Kansas	3,768	35.9	1.0	(33.8–38.0)
Wilmington, Delaware–Maryland–New Jersey†	1,807	35.7	1.5	(32.8–38.6)
Wilmington, North Carolina	482	34.2	3.7	(26.9–41.5)
Worcester, Massachusetts	1,922	37.1	1.8	(33.5–40.7)
Yakima, Washington	710	36.1	2.3	(31.5–40.7)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	841	35.7	2.7	(30.5–40.9)
<i>Median</i>		36.7		
<i>Range</i>		28.7–44.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $< 30.0$  kg/m.<sup>2</sup>

† Metropolitan division.

**TABLE 42. Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	577	35.3	2.6	(30.3–40.3)
Mobile County, Alabama	688	32.2	2.5	(27.3–37.1)
Anchorage Municipality, Alaska	354	39.4	3.2	(33.1–45.7)
Maricopa County, Arizona	1,156	41.0	2.1	(37.0–45.0)
Pima County, Arizona	669	31.3	2.4	(26.6–36.0)
Pinal County, Arizona	360	35.4	4.0	(27.6–43.2)
Benton County, Arkansas	319	32.1	3.7	(24.8–39.4)
Pulaski County, Arkansas	524	36.8	3.0	(30.8–42.8)
Washington County, Arkansas	276	35.6	4.4	(27.1–44.1)
Alameda County, California	694	36.5	2.5	(31.5–41.5)
Contra Costa County, California	551	34.4	2.5	(29.4–39.4)
Los Angeles County, California	2,018	34.9	1.4	(32.2–37.6)
Orange County, California	1,439	40.0	1.7	(36.7–43.3)
Riverside County, California	1,030	35.8	2.1	(31.7–39.9)
Sacramento County, California	732	36.9	2.4	(32.3–41.5)
San Bernardino County, California	895	38.9	2.2	(34.7–43.1)
San Diego County, California	1,613	37.7	1.7	(34.5–40.9)
San Francisco County, California	421	30.1	2.8	(24.7–35.5)
San Mateo County, California	372	37.5	3.6	(30.5–44.5)
Santa Clara County, California	850	31.9	2.2	(27.7–36.1)
Adams County, Colorado	842	40.1	2.2	(35.7–44.5)
Arapahoe County, Colorado	856	38.1	2.2	(33.8–42.4)
Denver County, Colorado	876	32.6	2.2	(28.3–36.9)
Douglas County, Colorado	550	35.0	2.6	(29.9–40.1)
El Paso County, Colorado	985	38.3	2.0	(34.4–42.2)
Jefferson County, Colorado	1,101	37.2	2.0	(33.4–41.0)
Larimer County, Colorado	570	37.9	3.0	(32.0–43.8)
Weld County, Colorado	487	39.9	3.3	(33.5–46.3)
Fairfield County, Connecticut	1,848	39.1	1.8	(35.5–42.7)
Hartford County, Connecticut	1,400	34.6	1.8	(31.1–38.1)
Middlesex County, Connecticut	260	35.7	3.8	(28.3–43.1)
New Haven County, Connecticut	1,558	38.2	2.0	(34.3–42.1)
Tolland County, Connecticut	288	44.0	3.9	(36.4–51.6)
Kent County, Delaware	1,379	35.8	1.6	(32.6–39.0)
New Castle County, Delaware	1,397	35.4	1.7	(32.2–38.6)
Sussex County, Delaware	1,382	38.1	1.8	(34.6–41.6)
District of Columbia	3,728	31.5	1.1	(29.4–33.6)
Broward County, Florida	255	33.8	4.2	(25.6–42.0)
Duval County, Florida	481	35.7	3.3	(29.3–42.1)
Hillsborough County, Florida	266	35.4	3.7	(28.1–42.7)
Miami–Dade County, Florida	262	45.4	4.4	(36.7–54.1)
Orange County, Florida	286	42.0	4.5	(33.2–50.8)
Osceola County, Florida	275	41.1	4.1	(33.0–49.2)
Palm Beach County, Florida	279	40.7	4.0	(32.9–48.5)
Pinellas County, Florida	264	37.9	3.8	(30.5–45.3)
Clayton County, Georgia	241	29.7	4.3	(21.4–38.0)
Cobb County, Georgia	272	45.1	4.3	(36.7–53.5)
DeKalb County, Georgia	301	42.0	4.1	(34.0–50.0)
Fulton County, Georgia	318	38.9	3.9	(31.2–46.6)
Hawaii County, Hawaii	1,477	37.2	1.6	(34.0–40.4)
Honolulu County, Hawaii	2,934	34.9	1.1	(32.7–37.1)
Kauai County, Hawaii	640	36.7	2.6	(31.7–41.7)
Maui County, Hawaii	1,519	32.0	1.7	(28.7–35.3)
Ada County, Idaho	655	38.4	2.4	(33.7–43.1)
Bonneville County, Idaho	374	37.7	3.1	(31.6–43.8)
Canyon County, Idaho	447	33.3	3.0	(27.5–39.1)
Nez Perce County, Idaho	290	37.8	3.9	(30.2–45.4)
Cook County, Illinois	1,847	35.7	1.6	(32.7–38.7)
DuPage County, Illinois	385	35.6	3.0	(29.8–41.4)
Lake County, Illinois	295	36.4	3.3	(29.9–42.9)
Will County, Illinois	299	40.9	3.8	(33.5–48.3)
Allen County, Indiana	488	32.0	2.6	(26.9–37.1)
Lake County, Indiana	935	30.1	2.5	(25.1–35.1)

See table footnotes on page 139.

**TABLE 42. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,447	33.3	1.9	(29.5–37.1)
Vanderburgh County, Indiana	247	36.9	3.9	(29.2–44.6)
Linn County, Iowa	490	38.6	2.7	(33.2–44.0)
Polk County, Iowa	755	41.0	2.3	(36.5–45.5)
Scott County, Iowa	350	40.9	3.3	(34.4–47.4)
Butler County, Kansas	427	35.6	2.9	(29.8–41.4)
Douglas County, Kansas	591	30.8	2.9	(25.0–36.6)
Johnson County, Kansas	3,102	37.3	1.2	(35.0–39.6)
Leavenworth County, Kansas	451	36.8	3.1	(30.7–42.9)
Riley County, Kansas	275	35.7	4.7	(26.6–44.8)
Sedgwick County, Kansas	2,920	35.8	1.2	(33.5–38.1)
Shawnee County, Kansas	1,328	33.0	1.7	(29.7–36.3)
Wyandotte County, Kansas	1,021	35.9	2.2	(31.7–40.1)
Jefferson County, Kentucky	1,724	31.1	3.1	(25.1–37.1)
Caddo Parish, Louisiana	419	32.5	3.1	(26.4–38.6)
Calcasieu Parish, Louisiana	582	29.0	2.4	(24.3–33.7)
East Baton Rouge Parish, Louisiana	689	31.0	2.3	(26.6–35.4)
Jefferson Parish, Louisiana	544	36.4	2.8	(30.9–41.9)
Orleans Parish, Louisiana	358	27.6	3.8	(20.1–35.1)
Rapides Parish, Louisiana	439	37.5	3.0	(31.6–43.4)
St. Tammany Parish, Louisiana	413	39.7	3.2	(33.4–46.0)
Terrebonne Parish, Louisiana	289	31.0	3.8	(23.5–38.5)
Cumberland County, Maine	1,315	37.1	1.7	(33.7–40.5)
Kennebec County, Maine	626	40.1	2.8	(34.6–45.6)
Penobscot County, Maine	706	42.4	2.5	(37.4–47.4)
Sagadahoc County, Maine	335	44.6	3.5	(37.8–51.4)
York County, Maine	936	39.3	2.1	(35.3–43.3)
Anne Arundel County, Maryland	541	40.9	2.7	(35.6–46.2)
Baltimore County, Maryland	943	37.0	2.1	(33.0–41.0)
Cecil County, Maryland	238	36.7	3.8	(29.3–44.1)
Charles County, Maryland	301	35.8	3.4	(29.1–42.5)
Frederick County, Maryland	518	39.5	2.8	(34.1–44.9)
Harford County, Maryland	252	36.6	3.8	(29.2–44.0)
Howard County, Maryland	322	35.4	3.2	(29.1–41.7)
Montgomery County, Maryland	1,013	34.0	1.9	(30.3–37.7)
Prince George's County, Maryland	599	35.7	2.6	(30.6–40.8)
Queen Anne's County, Maryland	256	40.8	3.8	(33.4–48.2)
Washington County, Maryland	345	40.9	3.6	(33.8–48.0)
Baltimore City, Maryland	489	32.8	2.7	(27.5–38.1)
Bristol County, Massachusetts	2,754	39.6	2.1	(35.5–43.7)
Essex County, Massachusetts	2,135	36.9	1.9	(33.1–40.7)
Hampden County, Massachusetts	1,511	34.1	2.1	(29.9–38.3)
Hampshire County, Massachusetts	273	34.1	3.6	(27.1–41.1)
Middlesex County, Massachusetts	2,876	34.9	1.4	(32.2–37.6)
Norfolk County, Massachusetts	894	37.1	2.2	(32.7–41.5)
Plymouth County, Massachusetts	620	34.9	2.4	(30.3–39.5)
Suffolk County, Massachusetts	1,684	32.0	1.9	(28.3–35.7)
Worcester County, Massachusetts	1,922	37.1	1.8	(33.5–40.7)
Kent County, Michigan	447	28.9	2.7	(23.6–34.2)
Macomb County, Michigan	502	37.8	2.8	(32.3–43.3)
Oakland County, Michigan	918	36.8	2.1	(32.7–40.9)
Wayne County, Michigan	1,977	34.6	1.7	(31.3–37.9)
Anoka County, Minnesota	287	39.1	3.4	(32.4–45.8)
Dakota County, Minnesota	374	38.6	3.2	(32.3–44.9)
Hennepin County, Minnesota	1,123	35.8	1.9	(32.1–39.5)
Ramsey County, Minnesota	522	38.0	2.8	(32.6–43.4)
DeSoto County, Mississippi	603	36.9	2.9	(31.2–42.6)
George County, Mississippi	363	28.3	2.9	(22.6–34.0)
Hancock County, Mississippi	331	36.0	3.7	(28.7–43.3)
Harrison County, Mississippi	277	35.5	4.3	(27.1–43.9)
Hinds County, Mississippi	492	34.7	2.8	(29.1–40.3)
Jackson County, Mississippi	320	38.5	3.8	(31.1–45.9)
Rankin County, Mississippi	317	30.8	3.3	(24.4–37.2)

See table footnotes on page 139.



**TABLE 42. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	316	37.8	3.6	(30.7–44.9)
Jackson County, Missouri	478	32.9	2.7	(27.5–38.3)
St. Louis County, Missouri	472	35.5	3.2	(29.1–41.9)
St. Louis City, Missouri	479	36.7	3.4	(30.1–43.3)
Flathead County, Montana	538	36.1	2.6	(30.9–41.3)
Gallatin County, Montana	570	43.4	3.2	(37.1–49.7)
Silver Bow County, Montana	562	41.3	2.9	(35.5–47.1)
Yellowstone County, Montana	558	37.0	2.6	(31.9–42.1)
Adams County, Nebraska	428	40.3	3.2	(34.1–46.5)
Dakota County, Nebraska	669	32.4	2.3	(28.0–36.8)
Douglas County, Nebraska	904	34.2	2.1	(30.2–38.2)
Hall County, Nebraska	569	40.1	2.8	(34.7–45.5)
Lancaster County, Nebraska	762	35.1	2.7	(29.9–40.3)
Lincoln County, Nebraska	478	39.8	3.6	(32.7–46.9)
Madison County, Nebraska	400	35.1	3.2	(28.9–41.3)
Sarpy County, Nebraska	568	38.6	3.2	(32.3–44.9)
Scotts Bluff County, Nebraska	730	37.5	2.5	(32.6–42.4)
Seward County, Nebraska	271	39.4	3.6	(32.4–46.4)
Clark County, Nevada	1,166	35.4	1.9	(31.7–39.1)
Washoe County, Nevada	1,203	39.6	1.9	(35.8–43.4)
Grafton County, New Hampshire	494	35.9	2.8	(30.4–41.4)
Hillsborough County, New Hampshire	1,362	36.7	2.2	(32.4–41.0)
Merrimack County, New Hampshire	612	37.8	2.7	(32.5–43.1)
Rockingham County, New Hampshire	955	36.2	2.1	(32.1–40.3)
Strafford County, New Hampshire	600	37.4	2.8	(32.0–42.8)
Atlantic County, New Jersey	879	39.1	2.4	(34.4–43.8)
Bergen County, New Jersey	591	37.8	2.6	(32.7–42.9)
Burlington County, New Jersey	523	38.5	2.8	(33.0–44.0)
Camden County, New Jersey	587	36.6	2.7	(31.4–41.8)
Cape May County, New Jersey	472	38.6	3.0	(32.8–44.4)
Essex County, New Jersey	973	39.0	2.2	(34.6–43.4)
Gloucester County, New Jersey	489	39.9	2.9	(34.2–45.6)
Hudson County, New Jersey	943	37.7	2.1	(33.5–41.9)
Hunterdon County, New Jersey	516	37.8	2.7	(32.4–43.2)
Mercer County, New Jersey	480	38.9	2.8	(33.4–44.4)
Middlesex County, New Jersey	576	38.8	2.8	(33.3–44.3)
Monmouth County, New Jersey	521	38.9	2.6	(33.9–43.9)
Morris County, New Jersey	673	43.1	2.7	(37.8–48.4)
Ocean County, New Jersey	499	36.6	2.8	(31.2–42.0)
Passaic County, New Jersey	463	37.5	3.0	(31.6–43.4)
Somerset County, New Jersey	521	38.4	2.8	(32.9–43.9)
Sussex County, New Jersey	457	38.7	3.0	(32.9–44.5)
Union County, New Jersey	481	42.2	2.9	(36.5–47.9)
Warren County, New Jersey	451	36.9	2.9	(31.3–42.5)
Bernalillo County, New Mexico	1,420	36.5	1.9	(32.8–40.2)
Dona Ana County, New Mexico	694	33.8	2.5	(28.9–38.7)
McKinley County, New Mexico	555	33.6	2.7	(28.4–38.8)
Sandoval County, New Mexico	629	35.1	2.6	(29.9–40.3)
San Juan County, New Mexico	879	38.0	2.4	(33.3–42.7)
Santa Fe County, New Mexico	749	32.5	2.4	(27.7–37.3)
Valencia County, New Mexico	377	45.6	3.4	(38.9–52.3)
Erie County, New York	430	35.4	3.1	(29.3–41.5)
Kings County, New York	430	30.0	2.7	(24.8–35.2)
Monroe County, New York	364	34.8	3.2	(28.5–41.1)
Nassau County, New York	421	39.4	3.0	(33.4–45.4)
New York County, New York	502	29.9	2.7	(24.6–35.2)
Queens County, New York	459	32.7	2.6	(27.5–37.9)
Suffolk County, New York	479	36.0	2.8	(30.6–41.4)
Westchester County, New York	333	38.7	3.6	(31.7–45.7)
Buncombe County, North Carolina	386	33.8	2.8	(28.2–39.4)
Cabarrus County, North Carolina	335	33.4	3.2	(27.1–39.7)
Catawba County, North Carolina	349	31.0	3.1	(25.0–37.0)
Cumberland County, North Carolina	376	36.4	3.2	(30.2–42.6)

See table footnotes on page 139.

**TABLE 42. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	397	34.8	3.5	(28.0–41.6)
Gaston County, North Carolina	330	40.3	3.4	(33.6–47.0)
Guilford County, North Carolina	411	35.2	3.2	(29.0–41.4)
Henderson County, North Carolina	252	46.7	4.1	(38.7–54.7)
Johnston County, North Carolina	354	34.4	3.2	(28.1–40.7)
Mecklenburg County, North Carolina	592	38.0	2.6	(32.9–43.1)
New Hanover County, North Carolina	396	34.5	3.5	(27.7–41.3)
Orange County, North Carolina	343	25.6	3.0	(19.7–31.5)
Randolph County, North Carolina	334	40.2	3.2	(33.9–46.5)
Union County, North Carolina	344	38.6	3.6	(31.5–45.7)
Wake County, North Carolina	576	38.9	2.6	(33.8–44.0)
Burleigh County, North Dakota	536	41.2	3.0	(35.3–47.1)
Cass County, North Dakota	718	36.7	2.4	(32.0–41.4)
Ward County, North Dakota	440	40.6	3.0	(34.7–46.5)
Cuyahoga County, Ohio	659	38.0	2.5	(33.1–42.9)
Franklin County, Ohio	621	33.0	2.4	(28.3–37.7)
Hamilton County, Ohio	678	35.9	2.4	(31.2–40.6)
Lucas County, Ohio	657	41.1	2.6	(36.0–46.2)
Mahoning County, Ohio	652	33.8	2.3	(29.3–38.3)
Montgomery County, Ohio	657	35.8	2.4	(31.2–40.4)
Stark County, Ohio	659	36.8	2.5	(31.9–41.7)
Summit County, Ohio	651	35.3	2.6	(30.3–40.3)
Canadian County, Oklahoma	261	39.1	3.7	(31.9–46.3)
Cleveland County, Oklahoma	413	37.5	3.2	(31.3–43.7)
Oklahoma County, Oklahoma	1,175	36.2	1.8	(32.6–39.8)
Tulsa County, Oklahoma	1,524	33.6	1.5	(30.6–36.6)
Clackamas County, Oregon	413	38.4	3.1	(32.3–44.5)
Multnomah County, Oregon	627	32.2	2.4	(27.5–36.9)
Washington County, Oregon	423	40.2	3.4	(33.5–46.9)
Allegheny County, Pennsylvania	681	37.9	2.4	(33.2–42.6)
Bucks County, Pennsylvania	293	37.1	3.4	(30.4–43.8)
Delaware County, Pennsylvania	243	29.7	3.6	(22.7–36.7)
Fayette County, Pennsylvania	783	35.0	2.5	(30.1–39.9)
Luzerne County, Pennsylvania	738	38.8	2.4	(34.0–43.6)
Montgomery County, Pennsylvania	379	35.0	2.9	(29.3–40.7)
Philadelphia County, Pennsylvania	467	37.0	3.1	(31.0–43.0)
Westmoreland County, Pennsylvania	235	41.1	3.8	(33.7–48.5)
Kent County, Rhode Island	826	37.6	2.0	(33.6–41.6)
Newport County, Rhode Island	466	38.0	3.0	(32.1–43.9)
Providence County, Rhode Island	3,836	36.4	1.1	(34.2–38.6)
Washington County, Rhode Island	669	37.6	2.5	(32.7–42.5)
Aiken County, South Carolina	441	38.6	3.1	(32.6–44.6)
Beaufort County, South Carolina	658	44.0	2.9	(38.2–49.8)
Berkeley County, South Carolina	340	34.1	4.3	(25.7–42.5)
Charleston County, South Carolina	659	33.8	3.3	(27.4–40.2)
Greenville County, South Carolina	522	33.9	3.1	(27.9–39.9)
Horry County, South Carolina	662	38.8	2.6	(33.6–44.0)
Richland County, South Carolina	698	32.5	3.2	(26.3–38.7)
Minnehaha County, South Dakota	582	36.0	2.7	(30.8–41.2)
Pennington County, South Dakota	770	37.5	2.2	(33.2–41.8)
Davidson County, Tennessee	413	36.2	3.6	(29.2–43.2)
Hamilton County, Tennessee	405	26.2	2.9	(20.6–31.8)
Shelby County, Tennessee	355	40.4	3.6	(33.2–47.6)
Sullivan County, Tennessee	336	36.9	3.7	(29.7–44.1)
Bexar County, Texas	646	39.7	2.7	(34.4–45.0)
Dallas County, Texas	288	36.7	3.9	(29.0–44.4)
El Paso County, Texas	857	35.9	2.1	(31.7–40.1)
Fort Bend County, Texas	664	37.0	2.8	(31.6–42.4)
Harris County, Texas	1,085	35.8	2.0	(31.9–39.7)
Hidalgo County, Texas	497	38.2	3.1	(32.1–44.3)
Lubbock County, Texas	493	32.3	3.0	(26.5–38.1)
Tarrant County, Texas	459	41.8	3.1	(35.8–47.8)
Travis County, Texas	883	35.4	3.1	(29.3–41.5)

See table footnotes on page 139.

**TABLE 42. (Continued) Estimated proportion of adults aged  $\geq 18$  years who were overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	570	38.7	3.6	(31.6–45.8)
Davis County, Utah	762	34.5	2.1	(30.3–38.7)
Salt Lake County, Utah	3,163	34.3	1.1	(32.1–36.5)
Summit County, Utah	483	31.8	2.6	(26.6–37.0)
Tooele County, Utah	478	29.7	2.7	(24.5–34.9)
Utah County, Utah	1,026	33.5	2.1	(29.4–37.6)
Wasatch County, Utah	508	37.1	3.0	(31.3–42.9)
Weber County, Utah	745	35.4	2.3	(31.0–39.8)
Chittenden County, Vermont	1,372	37.1	1.8	(33.6–40.6)
Franklin County, Vermont	428	40.5	2.8	(34.9–46.1)
Orange County, Vermont	346	37.7	3.1	(31.6–43.8)
Rutland County, Vermont	678	36.5	2.3	(32.1–40.9)
Washington County, Vermont	675	32.7	2.2	(28.3–37.1)
Windsor County, Vermont	628	31.5	2.2	(27.2–35.8)
Benton County, Washington	396	33.6	3.2	(27.4–39.8)
Chelan County, Washington	276	33.1	3.4	(26.5–39.7)
Clark County, Washington	1,071	34.4	1.9	(30.6–38.2)
Douglas County, Washington	249	37.0	4.9	(27.5–46.5)
King County, Washington	3,039	34.1	1.1	(31.9–36.3)
Kitsap County, Washington	899	36.3	2.1	(32.2–40.4)
Pierce County, Washington	1,681	36.0	1.7	(32.8–39.2)
Skamania County, Washington	246	35.9	3.7	(28.6–43.2)
Snohomish County, Washington	1,579	36.3	1.6	(33.1–39.5)
Spokane County, Washington	1,211	35.0	1.8	(31.4–38.6)
Thurston County, Washington	786	35.0	2.2	(30.7–39.3)
Yakima County, Washington	710	36.1	2.3	(31.5–40.7)
Kanawha County, West Virginia	518	36.8	2.7	(31.6–42.0)
Milwaukee County, Wisconsin	581	33.5	3.4	(26.9–40.1)
Fremont County, Wyoming	488	35.2	2.8	(29.7–40.7)
Laramie County, Wyoming	907	37.7	2.3	(33.3–42.1)
Natrona County, Wyoming	746	36.8	2.3	(32.3–41.3)
<i>Median</i>		36.7		
<i>Range</i>		25.6–46.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $< 30.0$  kg/m.<sup>2</sup>

**TABLE 43. Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,441	32.2	0.9	(30.5–33.9)
Alaska	2,289	26.8	1.3	(24.2–29.4)
Arizona	5,185	26.5	1.3	(24.0–29.0)
Arkansas	3,777	32.1	1.1	(29.9–34.3)
California	16,203	26.1	0.5	(25.1–27.1)
Colorado	11,312	19.7	0.5	(18.7–20.7)
Connecticut	6,093	21.4	0.7	(20.0–22.8)
Delaware	4,114	28.1	1.0	(26.1–30.1)
District of Columbia	3,709	19.9	0.9	(18.2–21.6)
Florida	11,386	26.9	0.8	(25.3–28.5)
Georgia	5,585	27.9	1.0	(26.0–29.8)
Hawaii	6,492	23.1	0.8	(21.5–24.7)
Idaho	5,084	26.0	0.9	(24.3–27.7)
Illinois	5,661	28.5	0.8	(26.9–30.1)
Indiana	8,767	31.0	0.7	(29.6–32.4)
Iowa	5,604	29.7	0.8	(28.1–31.3)
Kansas	17,968	29.5	0.5	(28.6–30.4)
Kentucky	9,133	32.9	0.9	(31.1–34.7)
Louisiana	8,443	34.6	0.8	(33.1–36.1)
Maine	7,706	27.0	0.7	(25.7–28.3)
Maryland	8,110	27.4	0.7	(26.0–28.8)
Massachusetts	15,477	22.4	0.6	(21.3–23.5)
Michigan	8,717	31.3	0.7	(30.0–32.6)
Minnesota	5,469	25.5	0.8	(23.9–27.1)
Mississippi	10,646	36.0	0.7	(34.6–37.4)
Missouri	4,859	31.3	1.0	(29.3–33.3)
Montana	7,302	24.7	0.7	(23.3–26.1)
Nebraska	15,294	29.1	0.8	(27.6–30.6)
Nevada	3,654	27.2	1.3	(24.6–29.8)
New Hampshire	5,682	26.7	0.9	(25.0–28.4)
New Jersey	11,507	24.5	0.6	(23.3–25.7)
New Mexico	8,430	26.4	0.7	(24.9–27.9)
New York	6,539	25.3	0.8	(23.8–26.8)
North Carolina	12,542	30.7	0.8	(29.2–32.2)
North Dakota	4,476	29.2	0.9	(27.5–30.9)
Ohio	9,252	30.4	0.7	(29.0–31.8)
Oklahoma	7,540	32.4	0.7	(30.9–33.9)
Oregon	4,065	24.0	0.9	(22.2–25.8)
Pennsylvania	8,660	28.7	0.7	(27.3–30.1)
Rhode Island	5,993	25.7	0.8	(24.1–27.3)
South Carolina	9,267	30.7	0.8	(29.1–32.3)
South Dakota	6,461	30.2	0.9	(28.5–31.9)
Tennessee	5,212	33.3	1.0	(31.3–35.3)
Texas	10,861	30.0	0.8	(28.4–31.6)
Utah	9,561	25.2	0.6	(24.0–26.4)
Vermont	6,394	23.9	0.7	(22.5–25.3)
Virginia	4,844	26.0	1.0	(24.0–28.0)
Washington	19,021	27.6	0.5	(26.7–28.5)
West Virginia	4,573	32.1	0.8	(30.4–33.8)
Wisconsin	4,197	30.3	1.1	(28.1–32.5)
Wyoming	5,787	25.5	0.8	(23.9–27.1)
Guam	1,175	28.2	1.7	(24.9–31.5)
Puerto Rico	3,940	28.4	0.9	(26.6–30.2)
Virgin Islands	2,340	29.8	1.2	(27.4–32.2)
<i>Median</i>		28.0		
<i>Range</i>		19.7–36.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 30.0$  kg/m.<sup>2</sup>

**TABLE 44. Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	743	31.3	2.4	(26.6–36.0)
Albuquerque, New Mexico	2,488	23.6	1.2	(21.2–26.0)
Alexandria, Louisiana	504	34.6	2.8	(29.1–40.1)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	812	27.2	2.6	(22.1–32.3)
Anchorage, Alaska	480	24.4	2.2	(20.1–28.7)
Asheville, North Carolina	807	22.1	1.9	(18.4–25.8)
Atlanta–Sandy Springs–Marietta, Georgia	2, 225	25.6	1.4	(22.8–28.4)
Atlantic City–Hammonton, New Jersey	870	27.6	2.1	(23.5–31.7)
Augusta–Richmond County, Georgia–South Carolina	833	33.7	2.7	(28.4–39.0)
Augusta–Waterville, Maine	619	29.1	2.4	(24.4–33.8)
Austin–Round Rock, Texas	1,525	27.6	2.3	(23.0–32.2)
Baltimore–Towson, Maryland	2,955	27.5	1.1	(25.3–29.7)
Bangor, Maine	700	28.8	2.1	(24.6–33.0)
Barre, Vermont	670	20.9	2.1	(16.8–25.0)
Baton Rouge, Louisiana	1,147	35.6	2.0	(31.6–39.6)
Bethesda–Frederick–Gaithersburg, Maryland†	1,513	19.8	1.4	(17.0–22.6)
Billings, Montana	601	29.7	2.6	(24.6–34.8)
Birmingham–Hoover, Alabama	1,108	32.1	1.9	(28.3–35.9)
Bismarck, North Dakota	696	22.5	2.0	(18.6–26.4)
Boise City–Nampa, Idaho	1, 226	25.3	1.6	(22.1–28.5)
Boston–Quincy, Massachusetts†	3,180	21.2	1.2	(18.9–23.5)
Bozeman, Montana	565	15.4	2.1	(11.2–19.6)
Bremerton–Silverdale, Washington	887	27.8	1.9	(24.1–31.5)
Bridgeport–Stamford–Norwalk, Connecticut	1,836	16.9	1.3	(14.3–19.5)
Buffalo–Niagara Falls, New York	521	26.8	2.6	(21.6–32.0)
Burlington–South Burlington, Vermont	1,866	21.4	1.3	(18.9–23.9)
Butte–Silver Bow, Montana	556	27.5	2.8	(22.0–33.0)
Cambridge–Newton–Framingham, Massachusetts†	2,853	20.3	1.2	(17.9–22.7)
Camden, New Jersey†	1,591	28.8	1.6	(25.8–31.8)
Canton–Massillon, Ohio	682	33.4	2.3	(28.8–38.0)
Casper, Wyoming	739	26.8	2.1	(22.7–30.9)
Cedar Rapids, Iowa	559	30.4	2.6	(25.3–35.5)
Charleston, West Virginia	800	33.1	2.0	(29.3–36.9)
Charleston–North Charleston–Summerville, South Carolina	1,114	29.6	2.4	(25.0–34.2)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,768	26.7	1.4	(23.9–29.5)
Chattanooga, Tennessee–Georgia	549	33.6	3.2	(27.3–39.9)
Cheyenne, Wyoming	901	26.0	2.1	(21.8–30.2)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,404	29.0	1.0	(27.1–30.9)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,660	27.2	1.7	(23.9–30.5)
Cleveland–Elyria–Mentor, Ohio	1,042	29.1	1.8	(25.5–32.7)
Colorado Springs, Colorado	1,110	19.3	1.5	(16.4–22.2)
Columbia, South Carolina	1,109	31.6	2.4	(26.8–36.4)
Columbus, Ohio	1, 290	30.3	1.7	(26.9–33.7)
Concord, New Hampshire	601	24.6	2.4	(19.9–29.3)
Dallas–Plano–Irving, Texas†	547	27.5	2.7	(22.2–32.8)
Davenport–Moline–Rock Island, Iowa–Illinois	491	27.5	3.2	(21.3–33.7)
Dayton, Ohio	782	29.8	2.3	(25.4–34.2)
Denver–Aurora, Colorado	4,633	19.5	0.8	(18.0–21.0)
Des Moines–West Des Moines, Iowa	983	29.8	1.8	(26.2–33.4)
Detroit–Livonia–Dearborn, Michigan†	1,943	35.3	1.7	(32.0–38.6)
Dover, Delaware	1,361	33.0	1.6	(29.9–36.1)
Durham, North Carolina	836	32.4	3.4	(25.7–39.1)
Edison–New Brunswick, New Jersey†	2,106	23.0	1.2	(20.6–25.4)
El Paso, Texas	844	29.9	2.1	(25.9–33.9)
Evansville, Indiana–Kentucky	557	28.0	2.4	(23.2–32.8)
Fargo, North Dakota–Minnesota	765	27.2	2.6	(22.2–32.2)
Farmington, New Mexico	870	28.8	2.1	(24.6–33.0)
Fayetteville, North Carolina	525	36.1	2.8	(30.5–41.7)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	631	29.5	3.2	(23.3–35.7)
Fort Collins–Loveland, Colorado	568	17.3	2.2	(13.0–21.6)
Fort Wayne, Indiana	577	29.6	2.3	(25.2–34.0)
Fort Worth–Arlington, Texas†	558	25.8	2.3	(21.2–30.4)
Gallup, New Mexico	544	38.9	2.7	(33.6–44.2)

See table footnotes on page 143.

**TABLE 44. (Continued) Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	785	31.4	2.1	(27.3–35.5)
Grand Rapids–Wyoming, Michigan	612	35.1	2.6	(30.0–40.2)
Greeley, Colorado	480	23.4	2.5	(18.5–28.3)
Greensboro–High Point, North Carolina	780	26.2	2.3	(21.8–30.6)
Greenville–Mauldin–Easley, South Carolina	814	27.8	2.5	(22.9–32.7)
Gulfport–Biloxi, Mississippi	918	33.3	3.3	(26.8–39.8)
Hagerstown–Martinsburg, Maryland–West Virginia	594	29.7	2.5	(24.8–34.6)
Hartford–West Hartford–East Hartford, Connecticut	1,934	21.2	1.2	(18.8–23.6)
Hastings, Nebraska	554	32.3	2.8	(26.7–37.9)
Heber, Utah	504	22.7	2.5	(17.7–27.7)
Hickory–Lenoir–Morganton, North Carolina	749	30.0	2.3	(25.5–34.5)
Hilo, Hawaii	1,456	24.7	1.5	(21.7–27.7)
Hilton Head Island–Beaufort, South Carolina	771	22.2	2.4	(17.6–26.8)
Honolulu, Hawaii	2,900	22.5	1.0	(20.4–24.6)
Houma–Bayou Cane–Thibodaux, Louisiana	505	43.6	3.1	(37.5–49.7)
Houston–Sugar Land–Baytown, Texas	2,036	28.0	1.5	(25.0–31.0)
Huntington–Ashland, West Virginia–Kentucky–Ohio	659	40.0	2.6	(34.8–45.2)
Idaho Falls, Idaho	479	28.0	2.6	(22.8–33.2)
Indianapolis–Carmel, Indiana	2,115	28.6	1.5	(25.8–31.4)
Jackson, Mississippi	1,149	36.4	1.9	(32.8–40.0)
Jacksonville, Florida	1,017	25.2	2.0	(21.3–29.1)
Kahului–Wailuku, Hawaii	1,500	26.5	1.8	(22.9–30.1)
Kalispell, Montana	531	26.0	2.6	(20.9–31.1)
Kansas City, Missouri–Kansas	5,928	27.9	1.1	(25.7–30.1)
Kapaa, Hawaii	636	22.4	2.5	(17.6–27.2)
Kennewick–Pasco–Richland, Washington	584	33.5	2.6	(28.4–38.6)
Kingsport–Bristol–Bristol, Tennessee–Virginia	487	28.0	3.1	(21.8–34.2)
Lake Charles, Louisiana	591	37.7	2.7	(32.5–42.9)
Las Cruces, New Mexico	678	33.7	2.8	(28.2–39.2)
Las Vegas–Paradise, Nevada	1,157	28.6	1.8	(25.0–32.2)
Lawrence, Kansas	587	26.6	3.0	(20.8–32.4)
Lebanon, New Hampshire–Vermont	1,458	23.5	1.4	(20.8–26.2)
Lewiston, Idaho–Washington	518	31.4	2.7	(26.1–36.7)
Lincoln, Nebraska	1,019	26.5	2.4	(21.8–31.2)
Little Rock–North Little Rock–Conway, Arkansas	789	29.2	2.3	(24.8–33.6)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	1,987	26.4	1.3	(23.9–28.9)
Louisville/Jefferson County, Kentucky–Indiana	2,190	33.3	2.1	(29.3–37.3)
Lubbock, Texas	496	30.0	3.1	(23.9–36.1)
Manchester–Nashua, New Hampshire	1,351	26.3	1.8	(22.7–29.9)
Manhattan, Kansas	579	25.1	2.6	(20.0–30.2)
McAllen–Edinburg–Mission, Texas	490	35.4	3.0	(29.5–41.3)
Memphis, Tennessee–Mississippi–Arkansas	1,451	34.0	2.3	(29.5–38.5)
Miami–Fort Lauderdale–Pompano Beach, Florida	795	24.0	2.3	(19.5–28.5)
Milwaukee–Waukesha–West Allis, Wisconsin	757	25.9	2.4	(21.2–30.6)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,051	24.1	1.1	(21.9–26.3)
Minot, North Dakota	505	30.8	2.6	(25.7–35.9)
Mobile, Alabama	681	34.3	2.9	(28.6–40.0)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	660	26.9	2.4	(22.3–31.5)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	795	27.9	2.2	(23.5–32.3)
Nassau–Suffolk, New York <sup>†</sup>	896	24.5	1.9	(20.8–28.2)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,106	23.5	1.1	(21.3–25.7)
New Haven–Milford, Connecticut	1,546	26.2	1.7	(22.9–29.5)
New Orleans–Metairie–Kenner, Louisiana	1,539	29.5	1.6	(26.4–32.6)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,141	21.9	0.9	(20.1–23.7)
Norfolk, Nebraska	596	28.4	2.4	(23.7–33.1)
North Platte, Nebraska	502	29.8	2.8	(24.2–35.4)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,228	22.4	1.5	(19.4–25.4)
Ocean City, New Jersey	471	23.5	2.8	(18.1–28.9)
Ogden–Clearfield, Utah	1,514	25.0	1.3	(22.4–27.6)
Oklahoma City, Oklahoma	2,209	29.4	1.3	(26.9–31.9)
Olympia, Washington	772	28.5	2.0	(24.5–32.5)
Omaha–Council Bluffs, Nebraska–Iowa	2,234	28.4	1.4	(25.7–31.1)
Orlando–Kissimmee, Florida	863	25.0	2.3	(20.4–29.6)

See table footnotes on page 143.



**TABLE 44. (Continued) Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	679	34.6	3.1	(28.5–40.7)
Peabody, Massachusetts†	2,112	23.9	1.6	(20.7–27.1)
Philadelphia, Pennsylvania†	1,587	26.2	1.5	(23.3–29.1)
Phoenix–Mesa–Scottsdale, Arizona	1,504	25.3	1.7	(21.9–28.7)
Pittsburgh, Pennsylvania	2,074	28.6	1.6	(25.5–31.7)
Portland–South Portland–Biddeford, Maine	2,563	23.4	1.1	(21.2–25.6)
Portland–Vancouver–Beaverton, Oregon–Washington	2,922	24.2	1.1	(21.9–26.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,729	25.4	0.7	(24.0–26.8)
Provo–Orem, Utah	1,055	23.1	1.7	(19.8–26.4)
Raleigh–Cary, North Carolina	960	27.2	1.9	(23.4–31.0)
Rapid City, South Dakota	965	28.1	1.9	(24.4–31.8)
Reno–Sparks, Nevada	1,219	21.0	1.6	(17.9–24.1)
Richmond, Virginia	753	28.5	2.4	(23.7–33.3)
Riverside–San Bernardino–Ontario, California	1,899	32.3	1.5	(29.4–35.2)
Riverton, Wyoming	481	25.0	3.0	(19.1–30.9)
Rochester, New York	539	35.1	2.8	(29.7–40.5)
Rockingham County–Strafford County, New Hampshire†	1,549	29.4	1.8	(25.9–32.9)
Rutland, Vermont	673	26.9	2.2	(22.6–31.2)
Sacramento–Arden–Arcade–Roseville, California	1,199	26.5	1.7	(23.2–29.8)
St. Louis, Missouri–Illinois	1,574	28.9	1.7	(25.5–32.3)
Salt Lake City, Utah	4,073	25.1	0.9	(23.3–26.9)
San Antonio, Texas	776	25.5	2.2	(21.2–29.8)
San Diego–Carlsbad–San Marcos, California	1,595	22.3	1.4	(19.7–24.9)
San Francisco–San Mateo–Redwood City, California†	980	16.4	1.5	(13.4–19.4)
San Jose–Sunnyvale–Santa Clara, California	865	21.1	1.9	(17.4–24.8)
Santa Ana–Anaheim–Irvine, California†	1,411	19.7	1.3	(17.1–22.3)
Santa Fe, New Mexico	747	16.4	2.1	(12.4–20.4)
Scottsbluff, Nebraska	743	32.6	2.4	(27.9–37.3)
Scranton–Wilkes-Barre, Pennsylvania	873	26.9	2.4	(22.3–31.5)
Seaford, Delaware	1,370	28.7	1.7	(25.4–32.0)
Seattle–Bellevue–Everett, Washington†	4,573	24.8	0.9	(23.1–26.5)
Shreveport–Bossier City, Louisiana	648	35.9	2.6	(30.9–40.9)
Sioux City, Iowa–Nebraska–South Dakota	1,084	28.4	2.8	(23.0–33.8)
Sioux Falls, South Dakota	810	28.3	2.1	(24.2–32.4)
Spokane, Washington	1,195	28.4	1.9	(24.7–32.1)
Springfield, Massachusetts	1,943	26.1	1.5	(23.1–29.1)
Tacoma, Washington†	1,668	29.3	1.5	(26.4–32.2)
Tallahassee, Florida	542	32.5	4.3	(24.0–41.0)
Tampa–St. Petersburg–Clearwater, Florida	821	29.7	2.6	(24.5–34.9)
Toledo, Ohio	803	31.8	2.6	(26.7–36.9)
Topeka, Kansas	1,824	32.3	1.4	(29.6–35.0)
Trenton–Ewing, New Jersey	480	27.6	2.6	(22.5–32.7)
Tucson, Arizona	661	29.5	2.5	(24.5–34.5)
Tulsa, Oklahoma	2,204	30.8	1.4	(28.2–33.4)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	969	25.2	2.0	(21.2–29.2)
Warren–Troy–Farmington Hills, Michigan†	1,718	28.5	1.4	(25.7–31.3)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,803	26.4	1.5	(23.4–29.4)
Wenatchee, Washington	517	28.4	2.7	(23.1–33.7)
Wichita, Kansas	3,723	30.3	1.0	(28.4–32.2)
Wilmington, Delaware–Maryland–New Jersey†	1,791	29.0	1.4	(26.3–31.7)
Wilmington, North Carolina	476	30.7	3.8	(23.3–38.1)
Worcester, Massachusetts	1,911	24.3	1.6	(21.2–27.4)
Yakima, Washington	700	33.8	2.3	(29.2–38.4)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	833	28.3	2.3	(23.7–32.9)
<i>Median</i>		27.9		
<i>Range</i>		15.4–43.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 30.0$  kg/m.<sup>2</sup>

† Metropolitan division.

**TABLE 45. Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	572	32.8	2.6	(27.8–37.8)
Mobile County, Alabama	681	34.3	2.9	(28.6–40.0)
Anchorage Municipality, Alaska	351	24.4	2.7	(19.2–29.6)
Maricopa County, Arizona	1,144	24.4	1.8	(20.8–28.0)
Pima County, Arizona	661	29.5	2.5	(24.5–34.5)
Pinal County, Arizona	360	35.1	4.0	(27.3–42.9)
Benton County, Arkansas	315	28.8	3.8	(21.4–36.2)
Pulaski County, Arkansas	519	29.3	2.8	(23.8–34.8)
Washington County, Arkansas	274	24.2	3.9	(16.5–31.9)
Alameda County, California	683	20.0	1.9	(16.2–23.8)
Contra Costa County, California	545	26.4	2.3	(21.8–31.0)
Los Angeles County, California	1,987	26.4	1.3	(23.9–28.9)
Orange County, California	1,411	19.7	1.3	(17.1–22.3)
Riverside County, California	1,016	32.1	2.1	(27.9–36.3)
Sacramento County, California	722	29.3	2.2	(25.1–33.5)
San Bernardino County, California	883	32.9	2.1	(28.8–37.0)
San Diego County, California	1,595	22.3	1.4	(19.7–24.9)
San Francisco County, California	416	14.0	2.0	(10.0–18.0)
San Mateo County, California	370	19.0	2.6	(14.0–24.0)
Santa Clara County, California	844	21.0	1.9	(17.2–24.8)
Adams County, Colorado	834	26.0	1.9	(22.3–29.7)
Arapahoe County, Colorado	848	16.6	1.5	(13.6–19.6)
Denver County, Colorado	870	23.0	2.0	(19.0–27.0)
Douglas County, Colorado	543	13.8	1.6	(10.6–17.0)
El Paso County, Colorado	965	19.4	1.5	(16.4–22.4)
Jefferson County, Colorado	1,093	18.8	1.5	(15.9–21.7)
Larimer County, Colorado	568	17.3	2.2	(13.0–21.6)
Weld County, Colorado	480	23.4	2.5	(18.5–28.3)
Fairfield County, Connecticut	1,836	16.9	1.3	(14.3–19.5)
Hartford County, Connecticut	1,389	20.7	1.4	(18.0–23.4)
Middlesex County, Connecticut	258	25.9	3.6	(18.9–32.9)
New Haven County, Connecticut	1,546	26.2	1.7	(22.9–29.5)
Tolland County, Connecticut	287	22.1	3.1	(16.1–28.1)
Kent County, Delaware	1,361	33.0	1.6	(29.9–36.1)
New Castle County, Delaware	1,383	26.7	1.5	(23.7–29.7)
Sussex County, Delaware	1,370	28.7	1.7	(25.4–32.0)
District of Columbia	3,709	21.7	1.0	(19.7–23.7)
Broward County, Florida	254	23.2	3.8	(15.7–30.7)
Duval County, Florida	478	27.1	2.9	(21.5–32.7)
Hillsborough County, Florida	265	35.1	4.1	(27.1–43.1)
Miami–Dade County, Florida	262	20.9	3.1	(14.9–26.9)
Orange County, Florida	282	25.2	3.7	(18.0–32.4)
Osceola County, Florida	273	27.5	3.8	(20.1–34.9)
Palm Beach County, Florida	279	22.7	3.7	(15.4–30.0)
Pinellas County, Florida	264	21.8	3.2	(15.5–28.1)
Clayton County, Georgia	239	41.8	5.0	(31.9–51.7)
Cobb County, Georgia	270	18.8	2.9	(13.1–24.5)
DeKalb County, Georgia	298	22.3	3.6	(15.2–29.4)
Fulton County, Georgia	315	21.2	3.1	(15.1–27.3)
Hawaii County, Hawaii	1,456	24.7	1.5	(21.7–27.7)
Honolulu County, Hawaii	2,900	22.5	1.0	(20.4–24.6)
Kauai County, Hawaii	636	22.4	2.5	(17.6–27.2)
Maui County, Hawaii	1,500	26.5	1.8	(22.9–30.1)
Ada County, Idaho	649	21.7	2.0	(17.8–25.6)
Bonneville County, Idaho	371	27.2	3.0	(21.4–33.0)
Canyon County, Idaho	442	32.8	3.2	(26.5–39.1)
Nez Perce County, Idaho	285	29.9	3.8	(22.5–37.3)
Cook County, Illinois	1,823	29.4	1.5	(26.5–32.3)
DuPage County, Illinois	377	22.3	2.6	(17.2–27.4)
Lake County, Illinois	292	26.9	3.2	(20.7–33.1)
Will County, Illinois	294	33.2	3.5	(26.4–40.0)
Allen County, Indiana	484	29.8	2.5	(24.9–34.7)
Lake County, Indiana	923	39.0	3.0	(33.1–44.9)

See table footnotes on page 148.

**TABLE 45. (Continued) Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,436	32.2	1.9	(28.4–36.0)
Vanderburgh County, Indiana	245	29.7	3.6	(22.6–36.8)
Linn County, Iowa	487	29.2	2.7	(24.0–34.4)
Polk County, Iowa	747	28.6	2.0	(24.6–32.6)
Scott County, Iowa	345	22.9	3.0	(17.1–28.7)
Butler County, Kansas	422	35.6	3.0	(29.7–41.5)
Douglas County, Kansas	587	26.6	3.0	(20.7–32.5)
Johnson County, Kansas	3,076	22.4	0.9	(20.6–24.2)
Leavenworth County, Kansas	446	33.2	3.2	(27.0–39.4)
Riley County, Kansas	272	25.8	4.7	(16.6–35.0)
Sedgwick County, Kansas	2,885	29.2	1.1	(27.1–31.3)
Shawnee County, Kansas	1,321	31.3	1.6	(28.1–34.5)
Wyandotte County, Kansas	1,012	37.8	2.1	(33.7–41.9)
Jefferson County, Kentucky	1,712	33.5	3.0	(27.7–39.3)
Caddo Parish, Louisiana	414	34.8	3.3	(28.4–41.2)
Calcasieu Parish, Louisiana	574	37.3	2.7	(32.0–42.6)
East Baton Rouge Parish, Louisiana	680	36.1	2.4	(31.3–40.9)
Jefferson Parish, Louisiana	539	29.4	2.5	(24.5–34.3)
Orleans Parish, Louisiana	354	29.0	3.5	(22.2–35.8)
Rapides Parish, Louisiana	437	34.0	3.0	(28.2–39.8)
St. Tammany Parish, Louisiana	409	28.0	3.0	(22.2–33.8)
Terrebonne Parish, Louisiana	286	45.7	4.3	(37.4–54.0)
Cumberland County, Maine	1,301	23.1	1.5	(20.1–26.1)
Kennebec County, Maine	619	29.1	2.4	(24.4–33.8)
Penobscot County, Maine	700	28.8	2.1	(24.6–33.0)
Sagadahoc County, Maine	334	20.7	2.7	(15.5–25.9)
York County, Maine	928	24.9	1.8	(21.3–28.5)
Anne Arundel County, Maryland	536	28.0	2.5	(23.1–32.9)
Baltimore County, Maryland	932	25.3	1.7	(21.9–28.7)
Cecil County, Maryland	237	33.8	3.9	(26.2–41.4)
Charles County, Maryland	300	36.8	3.6	(29.7–43.9)
Frederick County, Maryland	515	26.2	2.5	(21.3–31.1)
Harford County, Maryland	250	27.3	3.9	(19.7–34.9)
Howard County, Maryland	317	22.3	2.7	(17.1–27.5)
Montgomery County, Maryland	998	18.2	1.6	(15.0–21.4)
Prince George's County, Maryland	592	33.1	2.5	(28.3–37.9)
Queen Anne's County, Maryland	255	25.2	3.2	(19.0–31.4)
Washington County, Maryland	343	28.6	3.1	(22.5–34.7)
Baltimore City, Maryland	488	32.4	2.8	(27.0–37.8)
Bristol County, Massachusetts	2,736	25.0	1.5	(22.0–28.0)
Essex County, Massachusetts	2,112	23.7	1.7	(20.4–27.0)
Hampden County, Massachusetts	1,496	29.7	2.0	(25.7–33.7)
Hampshire County, Massachusetts	271	17.0	2.6	(11.8–22.2)
Middlesex County, Massachusetts	2,853	20.7	1.3	(18.2–23.2)
Norfolk County, Massachusetts	890	19.2	1.9	(15.5–22.9)
Plymouth County, Massachusetts	619	21.2	2.1	(17.1–25.3)
Suffolk County, Massachusetts	1,671	23.1	1.7	(19.8–26.4)
Worcester County, Massachusetts	1,911	24.3	1.6	(21.2–27.4)
Kent County, Michigan	442	33.7	3.2	(27.5–39.9)
Macomb County, Michigan	497	28.9	2.6	(23.8–34.0)
Oakland County, Michigan	902	26.6	1.9	(22.9–30.3)
Wayne County, Michigan	1,943	35.3	1.7	(32.0–38.6)
Anoka County, Minnesota	284	33.4	3.3	(26.9–39.9)
Dakota County, Minnesota	370	25.6	2.7	(20.2–31.0)
Hennepin County, Minnesota	1,118	20.3	1.6	(17.2–23.4)
Ramsey County, Minnesota	519	19.9	2.1	(15.7–24.1)
DeSoto County, Mississippi	599	32.5	2.9	(26.9–38.1)
George County, Mississippi	360	40.9	3.7	(33.6–48.2)
Hancock County, Mississippi	329	36.7	3.6	(29.7–43.7)
Harrison County, Mississippi	277	31.4	4.1	(23.3–39.5)
Hinds County, Mississippi	482	35.4	2.8	(30.0–40.8)
Jackson County, Mississippi	319	33.6	3.5	(26.7–40.5)
Rankin County, Mississippi	312	41.0	3.6	(33.9–48.1)

See table footnotes on page 148.

**TABLE 45. (Continued) Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	312	34.7	3.6	(27.7–41.7)
Jackson County, Missouri	475	30.9	2.7	(25.6–36.2)
St. Louis County, Missouri	464	27.7	3.0	(21.8–33.6)
St. Louis City, Missouri	476	30.5	3.2	(24.2–36.8)
Flathead County, Montana	531	26.0	2.6	(20.9–31.1)
Gallatin County, Montana	565	15.4	2.1	(11.2–19.6)
Silver Bow County, Montana	556	27.5	2.8	(22.0–33.0)
Yellowstone County, Montana	552	30.1	2.7	(24.9–35.3)
Adams County, Nebraska	425	30.8	3.2	(24.6–37.0)
Dakota County, Nebraska	661	36.8	2.4	(32.0–41.6)
Douglas County, Nebraska	895	27.4	2.0	(23.5–31.3)
Hall County, Nebraska	561	31.2	2.4	(26.4–36.0)
Lancaster County, Nebraska	751	26.0	2.6	(20.9–31.1)
Lincoln County, Nebraska	473	30.1	3.0	(24.3–35.9)
Madison County, Nebraska	396	28.6	2.9	(22.9–34.3)
Sarpy County, Nebraska	561	29.5	3.0	(23.6–35.4)
Scotts Bluff County, Nebraska	728	33.3	2.5	(28.4–38.2)
Seward County, Nebraska	268	30.7	3.5	(23.8–37.6)
Clark County, Nevada	1,157	28.6	1.8	(25.0–32.2)
Washoe County, Nevada	1,190	21.3	1.6	(18.2–24.4)
Grafton County, New Hampshire	492	20.4	2.2	(16.2–24.6)
Hillsborough County, New Hampshire	1,351	26.3	1.8	(22.7–29.9)
Merrimack County, New Hampshire	601	24.6	2.4	(19.9–29.3)
Rockingham County, New Hampshire	951	29.0	2.1	(24.8–33.2)
Strafford County, New Hampshire	598	30.7	3.0	(24.9–36.5)
Atlantic County, New Jersey	870	27.6	2.1	(23.5–31.7)
Bergen County, New Jersey	589	21.5	2.2	(17.2–25.8)
Burlington County, New Jersey	522	26.0	2.3	(21.4–30.6)
Camden County, New Jersey	581	28.0	2.4	(23.2–32.8)
Cape May County, New Jersey	471	23.5	2.8	(18.1–28.9)
Essex County, New Jersey	955	26.7	1.9	(23.0–30.4)
Gloucester County, New Jersey	488	29.5	2.9	(23.9–35.1)
Hudson County, New Jersey	935	24.6	1.8	(21.1–28.1)
Hunterdon County, New Jersey	512	21.1	2.2	(16.8–25.4)
Mercer County, New Jersey	480	27.6	2.6	(22.5–32.7)
Middlesex County, New Jersey	573	24.1	2.3	(19.6–28.6)
Monmouth County, New Jersey	517	24.2	2.4	(19.5–28.9)
Morris County, New Jersey	669	17.6	1.8	(14.0–21.2)
Ocean County, New Jersey	496	22.5	2.3	(18.1–26.9)
Passaic County, New Jersey	459	26.5	2.6	(21.4–31.6)
Somerset County, New Jersey	520	22.2	2.4	(17.5–26.9)
Sussex County, New Jersey	456	29.6	2.8	(24.1–35.1)
Union County, New Jersey	480	22.4	2.4	(17.8–27.0)
Warren County, New Jersey	449	26.3	2.6	(21.2–31.4)
Bernalillo County, New Mexico	1,409	21.9	1.6	(18.8–25.0)
Dona Ana County, New Mexico	678	33.7	2.8	(28.2–39.2)
McKinley County, New Mexico	544	38.9	2.7	(33.6–44.2)
Sandoval County, New Mexico	620	29.3	2.8	(23.8–34.8)
San Juan County, New Mexico	870	28.8	2.1	(24.6–33.0)
Santa Fe County, New Mexico	747	16.4	2.1	(12.4–20.4)
Valencia County, New Mexico	372	29.1	3.0	(23.1–35.1)
Erie County, New York	428	27.9	3.0	(22.1–33.7)
Kings County, New York	427	21.9	2.4	(17.1–26.7)
Monroe County, New York	360	33.1	3.2	(26.8–39.4)
Nassau County, New York	421	18.4	2.3	(13.9–22.9)
New York County, New York	496	14.0	1.8	(10.5–17.5)
Queens County, New York	452	21.4	2.4	(16.7–26.1)
Suffolk County, New York	475	28.3	2.6	(23.2–33.4)
Westchester County, New York	330	16.7	2.9	(11.0–22.4)
Buncombe County, North Carolina	382	21.3	2.5	(16.4–26.2)
Cabarrus County, North Carolina	332	33.7	3.1	(27.6–39.8)
Catawba County, North Carolina	348	26.7	3.0	(20.9–32.5)
Cumberland County, North Carolina	374	38.3	3.2	(32.0–44.6)

See table footnotes on page 148.

**TABLE 45. (Continued)** Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	393	31.4	3.0	(25.4–37.4)
Gaston County, North Carolina	329	25.0	3.2	(18.7–31.3)
Guilford County, North Carolina	409	24.4	2.7	(19.1–29.7)
Henderson County, North Carolina	252	21.4	3.4	(14.7–28.1)
Johnston County, North Carolina	352	37.9	3.8	(30.4–45.4)
Mecklenburg County, North Carolina	586	26.4	2.3	(21.8–31.0)
New Hanover County, North Carolina	392	26.5	3.3	(19.9–33.1)
Orange County, North Carolina	341	23.1	3.3	(16.7–29.5)
Randolph County, North Carolina	330	31.0	3.3	(24.5–37.5)
Union County, North Carolina	343	25.8	3.0	(19.9–31.7)
Wake County, North Carolina	571	23.8	2.2	(19.6–28.0)
Burleigh County, North Dakota	530	21.1	2.3	(16.6–25.6)
Cass County, North Dakota	708	27.6	2.2	(23.3–31.9)
Ward County, North Dakota	435	29.4	2.8	(23.8–35.0)
Cuyahoga County, Ohio	653	27.1	2.2	(22.7–31.5)
Franklin County, Ohio	612	31.2	2.4	(26.6–35.8)
Hamilton County, Ohio	671	25.9	2.1	(21.7–30.1)
Lucas County, Ohio	651	28.5	2.4	(23.9–33.1)
Mahoning County, Ohio	644	30.8	2.3	(26.3–35.3)
Montgomery County, Ohio	652	30.3	2.2	(26.0–34.6)
Stark County, Ohio	653	33.3	2.4	(28.6–38.0)
Summit County, Ohio	646	31.9	2.4	(27.2–36.6)
Canadian County, Oklahoma	259	30.7	3.3	(24.2–37.2)
Cleveland County, Oklahoma	410	27.3	2.8	(21.8–32.8)
Oklahoma County, Oklahoma	1,169	29.2	1.7	(25.9–32.5)
Tulsa County, Oklahoma	1,511	28.7	1.5	(25.8–31.6)
Clackamas County, Oregon	405	23.5	2.6	(18.4–28.6)
Multnomah County, Oregon	622	21.3	2.1	(17.1–25.5)
Washington County, Oregon	420	19.0	2.4	(14.3–23.7)
Allegheny County, Pennsylvania	677	27.3	2.2	(23.0–31.6)
Bucks County, Pennsylvania	286	24.6	3.3	(18.1–31.1)
Delaware County, Pennsylvania	241	27.3	3.8	(19.9–34.7)
Fayette County, Pennsylvania	776	32.1	2.4	(27.4–36.8)
Luzerne County, Pennsylvania	727	30.0	2.3	(25.5–34.5)
Montgomery County, Pennsylvania	377	23.3	2.5	(18.5–28.1)
Philadelphia County, Pennsylvania	463	30.2	2.9	(24.5–35.9)
Westmoreland County, Pennsylvania	233	31.2	3.6	(24.2–38.2)
Kent County, Rhode Island	816	29.8	1.9	(26.1–33.5)
Newport County, Rhode Island	464	23.1	2.7	(17.8–28.4)
Providence County, Rhode Island	3,805	26.7	1.1	(24.6–28.8)
Washington County, Rhode Island	666	21.5	2.0	(17.5–25.5)
Aiken County, South Carolina	440	33.6	3.1	(27.5–39.7)
Beaufort County, South Carolina	654	18.5	2.4	(13.8–23.2)
Berkeley County, South Carolina	332	43.9	4.6	(34.9–52.9)
Charleston County, South Carolina	654	22.4	3.2	(16.2–28.6)
Greenville County, South Carolina	518	25.2	2.8	(19.6–30.8)
Horry County, South Carolina	660	26.9	2.4	(22.3–31.5)
Richland County, South Carolina	687	31.6	3.5	(24.7–38.5)
Minnehaha County, South Dakota	577	29.4	2.5	(24.5–34.3)
Pennington County, South Dakota	764	28.9	2.2	(24.7–33.1)
Davidson County, Tennessee	411	28.0	3.2	(21.8–34.2)
Hamilton County, Tennessee	401	34.3	3.6	(27.2–41.4)
Shelby County, Tennessee	348	32.1	3.3	(25.6–38.6)
Sullivan County, Tennessee	335	31.8	3.4	(25.2–38.4)
Bexar County, Texas	639	28.5	2.5	(23.6–33.4)
Dallas County, Texas	284	29.6	3.6	(22.6–36.6)
El Paso County, Texas	844	29.9	2.1	(25.9–33.9)
Fort Bend County, Texas	657	23.3	2.2	(19.0–27.6)
Harris County, Texas	1,080	30.0	1.9	(26.2–33.8)
Hidalgo County, Texas	490	35.4	3.0	(29.5–41.3)
Lubbock County, Texas	483	30.4	3.1	(24.2–36.6)
Tarrant County, Texas	455	26.5	2.7	(21.3–31.7)
Travis County, Texas	875	23.5	2.4	(18.7–28.3)

See table footnotes on page 148.

**TABLE 45. (Continued)** Estimated proportion of adults aged  $\geq 20$  years who were obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	568	27.8	3.2	(21.5–34.1)
Davis County, Utah	750	25.4	1.9	(21.7–29.1)
Salt Lake County, Utah	3,124	24.9	1.0	(23.0–26.8)
Summit County, Utah	479	14.8	2.1	(10.6–19.0)
Tooele County, Utah	470	37.8	3.1	(31.7–43.9)
Utah County, Utah	1,001	22.8	1.7	(19.5–26.1)
Wasatch County, Utah	504	22.7	2.5	(17.7–27.7)
Weber County, Utah	733	25.4	1.9	(21.6–29.2)
Chittenden County, Vermont	1,366	19.9	1.5	(16.9–22.9)
Franklin County, Vermont	423	26.7	2.5	(21.9–31.5)
Orange County, Vermont	345	23.4	2.7	(18.1–28.7)
Rutland County, Vermont	673	26.9	2.2	(22.6–31.2)
Washington County, Vermont	670	20.9	2.1	(16.8–25.0)
Windsor County, Vermont	621	27.6	2.1	(23.4–31.8)
Benton County, Washington	384	32.4	3.0	(26.5–38.3)
Chelan County, Washington	273	26.9	3.4	(20.3–33.5)
Clark County, Washington	1,061	31.3	1.9	(27.5–35.1)
Douglas County, Washington	244	32.8	4.3	(24.4–41.2)
King County, Washington	3,009	22.8	1.0	(20.9–24.7)
Kitsap County, Washington	887	27.8	1.9	(24.1–31.5)
Pierce County, Washington	1,668	29.2	1.5	(26.3–32.1)
Skamania County, Washington	245	34.9	3.8	(27.4–42.4)
Snohomish County, Washington	1,564	30.2	1.5	(27.2–33.2)
Spokane County, Washington	1,195	28.4	1.9	(24.7–32.1)
Thurston County, Washington	772	28.5	2.0	(24.5–32.5)
Yakima County, Washington	700	33.8	2.3	(29.2–38.4)
Kanawha County, West Virginia	518	34.1	2.5	(29.1–39.1)
Milwaukee County, Wisconsin	567	32.6	3.1	(26.4–38.8)
Fremont County, Wyoming	481	25.0	3.0	(19.1–30.9)
Laramie County, Wyoming	901	26.0	2.1	(21.8–30.2)
Natrona County, Wyoming	739	26.8	2.1	(22.7–30.9)
<i>Median</i>		27.3		
<i>Range</i>		13.8–45.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 30.0$  kg/m.<sup>2</sup>



**TABLE 46. Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	4,089	43.4	1.2	(41.1–45.7)
Alaska	1,573	39.6	1.9	(35.8–43.4)
Arizona	3,286	38.2	1.7	(34.8–41.6)
Arkansas	2,447	39.1	1.5	(36.2–42.0)
California	10,972	36.8	0.7	(35.5–38.1)
Colorado	7,459	37.3	0.8	(35.7–38.9)
Connecticut	4,066	39.2	1.2	(36.9–41.5)
Delaware	2,734	42.3	1.4	(39.5–45.1)
District of Columbia	2,571	35.5	1.3	(33.0–38.0)
Florida	6,722	46.5	1.2	(44.1–48.9)
Georgia	3,594	38.3	1.3	(35.7–40.9)
Hawaii	3,791	39.5	1.2	(37.2–41.8)
Idaho	3,435	38.1	1.2	(35.8–40.4)
Illinois	3,931	35.8	1.1	(33.7–37.9)
Indiana	5,938	41.0	1.0	(39.1–42.9)
Iowa	3,596	36.4	1.1	(34.3–38.5)
Kansas	11,495	38.8	0.6	(37.5–40.1)
Kentucky	6,248	48.1	1.2	(45.8–50.4)
Louisiana	5,431	44.2	1.0	(42.3–46.1)
Maine	5,043	39.1	0.9	(37.3–40.9)
Maryland	5,551	40.2	1.0	(38.3–42.1)
Massachusetts	10,454	40.7	0.8	(39.1–42.3)
Michigan	5,836	39.3	0.9	(37.5–41.1)
Minnesota	3,531	36.2	1.2	(33.9–38.5)
Mississippi	6,487	43.1	0.9	(41.3–44.9)
Missouri	3,174	41.5	1.4	(38.8–44.2)
Montana	4,886	35.5	1.1	(33.4–37.6)
Nebraska	9,717	36.1	1.0	(34.1–38.1)
Nevada	2,385	39.6	1.7	(36.2–43.0)
New Hampshire	3,805	39.4	1.2	(37.0–41.8)
New Jersey	7,824	41.4	0.9	(39.6–43.2)
New Mexico	5,283	39.4	1.1	(37.3–41.5)
New York	4,381	41.6	1.1	(39.5–43.7)
North Carolina	8,111	42.2	1.0	(40.3–44.1)
North Dakota	2,899	34.5	1.2	(32.1–36.9)
Ohio	6,207	40.9	0.9	(39.1–42.7)
Oklahoma	4,738	44.9	1.0	(43.0–46.8)
Oregon	2,550	36.4	1.4	(33.7–39.1)
Pennsylvania	5,632	41.8	1.0	(39.9–43.7)
Rhode Island	4,034	36.6	1.1	(34.4–38.8)
South Carolina	5,720	41.0	1.1	(38.8–43.2)
South Dakota	3,913	34.8	1.2	(32.5–37.1)
Tennessee	3,247	47.4	1.3	(44.8–50.0)
Texas	7,389	36.2	1.0	(34.3–38.1)
Utah	6,947	38.0	0.9	(36.3–39.7)
Vermont	4,303	35.7	1.0	(33.8–37.6)
Virginia	3,222	38.2	1.5	(35.3–41.1)
Washington	12,868	38.0	0.6	(36.7–39.3)
West Virginia	3,036	52.6	1.1	(50.4–54.8)
Wisconsin	2,874	35.2	1.5	(32.3–38.1)
Wyoming	3,748	36.6	1.1	(34.4–38.8)
Guam	663	42.9	2.4	(38.3–47.5)
Puerto Rico	1,917	50.2	1.5	(47.3–53.1)
Virgin Islands	1,429	34.3	1.6	(31.1–37.5)
<i>Median</i>		39.3		
<i>Range</i>		34.3–52.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 47. Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	490	45.3	3.2	(39.1–51.5)
Albuquerque, New Mexico	1,585	41.0	1.8	(37.5–44.5)
Alexandria, Louisiana	317	43.3	3.5	(36.5–50.1)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	544	46.5	3.5	(39.7–53.3)
Anchorage, Alaska	334	41.6	3.2	(35.3–47.9)
Asheville, North Carolina	493	36.5	2.7	(31.2–41.8)
Atlanta–Sandy Springs–Marietta, Georgia	1,483	38.7	2.2	(34.5–42.9)
Atlantic City–Hammonton, New Jersey	580	45.9	2.9	(40.2–51.6)
Augusta–Richmond County, Georgia–South Carolina	521	34.6	3.0	(28.7–40.5)
Augusta–Waterville, Maine	400	37.6	3.3	(31.1–44.1)
Austin–Round Rock, Texas	1,072	36.6	3.0	(30.8–42.4)
Baltimore–Towson, Maryland	2,034	40.9	1.5	(38.0–43.8)
Bangor, Maine	470	43.4	3.2	(37.2–49.6)
Barre, Vermont	451	39.5	3.1	(33.4–45.6)
Baton Rouge, Louisiana	761	44.5	2.4	(39.8–49.2)
Bethesda–Frederick–Gaithersburg, Maryland*	1,108	40.1	2.1	(36.0–44.2)
Billings, Montana	402	34.7	3.0	(28.7–40.7)
Birmingham–Hoover, Alabama	748	43.4	2.5	(38.5–48.3)
Bismarck, North Dakota	466	34.5	3.1	(28.5–40.5)
Boise City–Nampa, Idaho	842	38.9	2.2	(34.6–43.2)
Boston–Quincy, Massachusetts*	2,184	42.7	1.8	(39.2–46.2)
Bozeman, Montana	418	38.0	3.9	(30.4–45.6)
Bremerton–Silverdale, Washington	604	37.6	2.5	(32.6–42.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,222	34.4	2.2	(30.1–38.7)
Buffalo–Niagara Falls, New York	338	39.1	3.7	(31.8–46.4)
Burlington–South Burlington, Vermont	1,321	34.6	1.8	(31.0–38.2)
Butte–Silver Bow, Montana	349	39.4	3.7	(32.1–46.7)
Cambridge–Newton–Framingham, Massachusetts*	1,967	35.6	1.7	(32.2–39.0)
Camden, New Jersey*	1,077	44.7	2.0	(40.7–48.7)
Canton–Massillon, Ohio	444	43.7	3.1	(37.6–49.8)
Casper, Wyoming	464	40.0	3.0	(34.1–45.9)
Cedar Rapids, Iowa	378	39.7	3.4	(33.1–46.3)
Charleston, West Virginia	540	51.3	2.6	(46.3–56.3)
Charleston–North Charleston–Summerville, South Carolina	726	38.3	3.1	(32.2–44.4)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,171	41.4	2.0	(37.5–45.3)
Chattanooga, Tennessee–Georgia	340	41.3	4.3	(33.0–49.6)
Cheyenne, Wyoming	591	36.3	2.7	(31.1–41.5)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	3,116	35.6	1.3	(33.1–38.1)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,145	39.6	2.2	(35.2–44.0)
Cleveland–Elyria–Mentor, Ohio	699	38.8	2.5	(34.0–43.6)
Colorado Springs, Colorado	716	37.2	2.4	(32.5–41.9)
Columbia, South Carolina	706	40.9	3.2	(34.7–47.1)
Columbus, Ohio	902	41.3	2.3	(36.8–45.8)
Concord, New Hampshire	383	39.3	3.5	(32.5–46.1)
Dallas–Plano–Irving, Texas*	396	28.2	3.1	(22.1–34.3)
Davenport–Moline–Rock Island, Iowa–Illinois	336	31.0	3.8	(23.6–38.4)
Dayton, Ohio	542	38.3	2.9	(32.7–43.9)
Denver–Aurora, Colorado	3,182	36.8	1.2	(34.5–39.1)
Des Moines–West Des Moines, Iowa	672	35.6	2.3	(31.0–40.2)
Detroit–Livonia–Dearborn, Michigan*	1,336	39.8	2.0	(35.8–43.8)
Dover, Delaware	897	43.6	2.1	(39.5–47.7)
Durham, North Carolina	571	36.2	3.3	(29.7–42.7)
Edison–New Brunswick, New Jersey*	1,452	42.2	1.8	(38.7–45.7)
El Paso, Texas	597	39.4	2.6	(34.3–44.5)
Evansville, Indiana–Kentucky	392	44.7	3.4	(38.1–51.3)
Fargo, North Dakota–Minnesota	525	41.4	4.5	(32.6–50.2)
Farmington, New Mexico	551	39.9	3.0	(34.0–45.8)
Fayetteville, North Carolina	328	52.5	3.6	(45.5–59.5)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	412	37.8	3.7	(30.6–45.0)
Fort Collins–Loveland, Colorado	385	32.5	3.5	(25.7–39.3)
Fort Wayne, Indiana	395	41.2	3.1	(35.1–47.3)
Fort Worth–Arlington, Texas*	393	36.6	3.1	(30.5–42.7)
Gallup, New Mexico	324	32.5	3.4	(25.8–39.2)

See table footnotes on page 152.

**TABLE 47. (Continued) Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	515	35.2	2.8	(29.6–40.8)
Grand Rapids–Wyoming, Michigan	404	32.0	3.0	(26.2–37.8)
Greeley, Colorado	304	40.7	4.1	(32.6–48.8)
Greensboro–High Point, North Carolina	516	42.2	3.0	(36.3–48.1)
Greenville–Mauldin–Easley, South Carolina	507	40.2	3.6	(33.2–47.2)
Gulfport–Biloxi, Mississippi	551	51.4	4.3	(43.0–59.8)
Hagerstown–Martinsburg, Maryland–West Virginia	400	46.2	3.2	(39.9–52.5)
Hartford–West Hartford–East Hartford, Connecticut	1,298	41.9	2.1	(37.8–46.0)
Hastings, Nebraska	357	39.4	3.5	(32.5–46.3)
Heber, Utah	383	32.5	4.0	(24.6–40.4)
Hickory–Lenoir–Morganton, North Carolina	474	44.1	3.0	(38.1–50.1)
Hilo, Hawaii	853	38.7	2.2	(34.5–42.9)
Hilton Head Island–Beaufort, South Carolina	442	42.7	3.7	(35.4–50.0)
Honolulu, Hawaii	1,705	40.4	1.5	(37.4–43.4)
Houma–Bayou Cane–Thibodaux, Louisiana	324	47.9	3.9	(40.2–55.6)
Houston–Sugar Land–Baytown, Texas	1,429	34.3	1.9	(30.6–38.0)
Huntington–Ashland, West Virginia–Kentucky–Ohio	453	54.8	3.2	(48.5–61.1)
Idaho Falls, Idaho	339	39.6	3.3	(33.1–46.1)
Indianapolis–Carmel, Indiana	1,426	39.1	1.9	(35.3–42.9)
Jackson, Mississippi	713	41.2	2.4	(36.5–45.9)
Jacksonville, Florida	645	45.3	3.0	(39.4–51.2)
Kahului–Wailuku, Hawaii	876	35.8	2.3	(31.3–40.3)
Kalispell, Montana	350	40.2	3.5	(33.3–47.1)
Kansas City, Missouri–Kansas	4,001	39.4	1.6	(36.2–42.6)
Kapaa, Hawaii	357	35.4	3.6	(28.4–42.4)
Kennewick–Pasco–Richland, Washington	431	36.3	3.1	(30.2–42.4)
Kingsport–Bristol–Bristol, Tennessee–Virginia	321	46.3	4.9	(36.7–55.9)
Lake Charles, Louisiana	374	45.9	3.4	(39.3–52.5)
Las Cruces, New Mexico	440	34.9	3.3	(28.5–41.3)
Las Vegas–Paradise, Nevada	760	39.8	2.4	(35.2–44.4)
Lawrence, Kansas	405	38.5	4.0	(30.7–46.3)
Lebanon, New Hampshire–Vermont	968	33.7	2.1	(29.7–37.7)
Lewiston, Idaho–Washington	329	38.2	3.6	(31.1–45.3)
Lincoln, Nebraska	697	34.7	3.1	(28.7–40.7)
Little Rock–North Little Rock–Conway, Arkansas	557	34.6	2.9	(29.0–40.2)
Los Angeles–Long Beach–Glendale, California*	1,388	38.3	1.7	(35.0–41.6)
Louisville/Jefferson County, Kentucky–Indiana	1,452	48.4	2.8	(43.0–53.8)
Lubbock, Texas	330	34.9	3.7	(27.7–42.1)
Manchester–Nashua, New Hampshire	965	44.0	2.7	(38.7–49.3)
Manhattan, Kansas	372	41.6	3.7	(34.3–48.9)
McAllen–Edinburg–Mission, Texas	295	42.8	4.0	(34.9–50.7)
Memphis, Tennessee–Mississippi–Arkansas	899	41.4	3.0	(35.5–47.3)
Miami–Fort Lauderdale–Pompano Beach, Florida	483	47.7	3.4	(41.0–54.4)
Milwaukee–Waukesha–West Allis, Wisconsin	568	37.3	3.7	(30.0–44.6)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	2,078	35.2	1.5	(32.2–38.2)
Minot, North Dakota	313	35.8	3.5	(29.0–42.6)
Mobile, Alabama	434	45.9	3.6	(38.8–53.0)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	400	44.3	3.6	(37.2–51.4)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	498	49.2	3.3	(42.8–55.6)
Nassau–Suffolk, New York*	605	40.6	2.7	(35.4–45.8)
Newark–Union, New Jersey–Pennsylvania*	2,150	40.0	1.7	(36.8–43.2)
New Haven–Milford, Connecticut	1,047	40.6	2.5	(35.7–45.5)
New Orleans–Metairie–Kenner, Louisiana	1,034	42.6	2.2	(38.3–46.9)
New York–White Plains–Wayne, New York–New Jersey*	2,825	41.8	1.4	(39.0–44.6)
Norfolk, Nebraska	369	34.0	3.2	(27.7–40.3)
North Platte, Nebraska	333	39.7	3.5	(32.8–46.6)
Oakland–Fremont–Hayward, California*	854	36.8	2.2	(32.5–41.1)
Ocean City, New Jersey	306	37.3	3.7	(30.1–44.5)
Ogden–Clearfield, Utah	1,097	38.0	1.9	(34.2–41.8)
Oklahoma City, Oklahoma	1,477	44.7	1.7	(41.3–48.1)
Olympia, Washington	560	39.3	2.5	(34.3–44.3)
Omaha–Council Bluffs, Nebraska–Iowa	1,539	35.9	1.8	(32.3–39.5)
Orlando–Kissimmee, Florida	522	50.1	3.4	(43.4–56.8)

See table footnotes on page 152.

**TABLE 47. (Continued) Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	426	49.5	4.2	(41.2–57.8)
Peabody, Massachusetts*	1,432	41.0	2.4	(36.3–45.7)
Philadelphia, Pennsylvania*	1,106	41.7	2.0	(37.9–45.5)
Phoenix–Mesa–Scottsdale, Arizona	990	40.1	2.3	(35.5–44.7)
Pittsburgh, Pennsylvania	1,326	41.5	2.2	(37.2–45.8)
Portland–South Portland–Biddeford, Maine	1,682	37.4	1.5	(34.4–40.4)
Portland–Vancouver–Beaverton, Oregon–Washington	1,954	36.1	1.7	(32.8–39.4)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	5,838	38.7	1.1	(36.5–40.9)
Provo–Orem, Utah	822	37.6	2.4	(32.8–42.4)
Raleigh–Cary, North Carolina	689	37.5	2.5	(32.5–42.5)
Rapid City, South Dakota	609	39.0	2.5	(34.2–43.8)
Reno–Sparks, Nevada	826	39.5	2.3	(35.0–44.0)
Richmond, Virginia	482	39.7	3.4	(33.1–46.3)
Riverside–San Bernardino–Ontario, California	1,289	38.8	1.8	(35.3–42.3)
Riverton, Wyoming	285	37.1	3.8	(29.7–44.5)
Rochester, New York	361	41.7	3.6	(34.6–48.8)
Rockingham County–Strafford County, New Hampshire*	1,026	33.2	2.0	(29.2–37.2)
Rutland, Vermont	448	38.2	2.8	(32.6–43.8)
Sacramento–Arden–Arcade–Roseville, California	772	37.7	2.3	(33.1–42.3)
St. Louis, Missouri–Illinois	1,071	39.3	2.4	(34.7–43.9)
Salt Lake City, Utah	2,989	37.9	1.2	(35.5–40.3)
San Antonio, Texas	537	34.5	2.8	(28.9–40.1)
San Diego–Carlsbad–San Marcos, California	1,032	34.4	2.0	(30.5–38.3)
San Francisco–San Mateo–Redwood City, California*	682	32.5	2.3	(28.0–37.0)
San Jose–Sunnyvale–Santa Clara, California	588	35.3	2.6	(30.1–40.5)
Santa Ana–Anaheim–Irvine, California*	947	31.6	1.9	(27.9–35.3)
Santa Fe, New Mexico	500	34.3	3.0	(28.4–40.2)
Scottsbluff, Nebraska	468	33.4	3.1	(27.3–39.5)
Scranton–Wilkes-Barre, Pennsylvania	549	38.9	3.3	(32.4–45.4)
Seaford, Delaware	873	43.7	2.3	(39.3–48.1)
Seattle–Bellevue–Everett, Washington*	3,273	36.3	1.2	(34.0–38.6)
Shreveport–Bossier City, Louisiana	424	38.0	3.1	(32.0–44.0)
Sioux City, Iowa–Nebraska–South Dakota	690	43.5	4.1	(35.4–51.6)
Sioux Falls, South Dakota	513	36.6	3.0	(30.6–42.6)
Spokane, Washington	833	39.7	2.4	(35.0–44.4)
Springfield, Massachusetts	1,313	41.1	2.3	(36.6–45.6)
Tacoma, Washington*	1,134	41.9	2.1	(37.9–45.9)
Tallahassee, Florida	361	NA <sup>†</sup>	NA	NA
Tampa–St. Petersburg–Clearwater, Florida	492	47.3	3.5	(40.5–54.1)
Toledo, Ohio	544	40.9	3.2	(34.7–47.1)
Topeka, Kansas	1,175	42.4	1.9	(38.6–46.2)
Trenton–Ewing, New Jersey	309	40.7	3.5	(33.8–47.6)
Tucson, Arizona	423	37.4	3.3	(30.9–43.9)
Tulsa, Oklahoma	1,426	43.5	1.8	(40.0–47.0)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	653	41.0	3.1	(34.8–47.2)
Warren–Troy–Farmington Hills, Michigan*	1,203	41.1	1.9	(37.3–44.9)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	4,085	37.0	2.0	(33.0–41.0)
Wenatchee, Washington	330	35.2	3.6	(28.1–42.3)
Wichita, Kansas	2,445	36.7	1.3	(34.2–39.2)
Wilmington, Delaware–Maryland–New Jersey*	1,234	42.9	1.9	(39.2–46.6)
Wilmington, North Carolina	306	39.0	4.7	(29.8–48.2)
Worcester, Massachusetts	1,302	44.7	2.4	(40.1–49.3)
Yakima, Washington	446	41.2	3.1	(35.1–47.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	550	42.5	3.3	(36.1–48.9)
Median		39.5		
Range		28.2–54.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

<sup>†</sup> Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 48. Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	376	40.7	3.3	(34.3–47.1)
Mobile County, Alabama	434	45.9	3.6	(38.8–53.0)
Anchorage Municipality, Alaska	255	39.2	3.8	(31.8–46.6)
Maricopa County, Arizona	753	39.5	2.5	(34.7–44.3)
Pima County, Arizona	423	37.4	3.3	(30.9–43.9)
Pinal County, Arizona	237	46.5	4.8	(37.0–56.0)
Benton County, Arkansas	200	38.2	4.9	(28.6–47.8)
Pulaski County, Arkansas	361	31.9	3.4	(25.3–38.5)
Washington County, Arkansas	184	35.0	5.0	(25.3–44.7)
Alameda County, California	472	39.2	3.1	(33.2–45.2)
Contra Costa County, California	382	34.2	3.0	(28.4–40.0)
Los Angeles County, California	1,388	38.3	1.7	(35.0–41.6)
Orange County, California	947	31.6	1.9	(27.9–35.3)
Riverside County, California	679	36.2	2.5	(31.3–41.1)
Sacramento County, California	475	35.6	2.8	(30.2–41.0)
San Bernardino County, California	610	40.9	2.5	(36.1–45.7)
San Diego County, California	1,032	34.4	2.0	(30.5–38.3)
San Francisco County, California	279	35.8	3.7	(28.6–43.0)
San Mateo County, California	268	33.4	3.6	(26.3–40.5)
Santa Clara County, California	570	34.9	2.7	(29.7–40.1)
Adams County, Colorado	573	45.8	2.7	(40.6–51.0)
Arapahoe County, Colorado	597	38.1	2.7	(32.8–43.4)
Denver County, Colorado	545	36.6	2.9	(31.0–42.2)
Douglas County, Colorado	400	33.0	3.0	(27.2–38.8)
El Paso County, Colorado	617	36.9	2.5	(32.1–41.7)
Jefferson County, Colorado	752	32.4	2.2	(28.0–36.8)
Larimer County, Colorado	385	32.5	3.5	(25.7–39.3)
Weld County, Colorado	304	40.7	4.1	(32.6–48.8)
Fairfield County, Connecticut	1,222	34.4	2.2	(30.1–38.7)
Hartford County, Connecticut	930	42.4	2.3	(37.9–46.9)
Middlesex County, Connecticut	168	39.6	4.8	(30.2–49.0)
New Haven County, Connecticut	1,047	40.6	2.5	(35.7–45.5)
Tolland County, Connecticut	200	37.9	4.5	(29.0–46.8)
Kent County, Delaware	897	43.6	2.1	(39.5–47.7)
New Castle County, Delaware	964	41.2	2.1	(37.1–45.3)
Sussex County, Delaware	873	43.7	2.3	(39.3–48.1)
District of Columbia	2,571	36.2	1.4	(33.5–38.9)
Broward County, Florida	148	NA*	NA	NA
Duval County, Florida	311	46.3	3.8	(38.9–53.7)
Hillsborough County, Florida	161	50.0	5.1	(40.0–60.0)
Miami–Dade County, Florida	163	40.4	4.7	(31.1–49.7)
Orange County, Florida	180	NA	NA	NA
Osceola County, Florida	165	54.9	5.0	(45.1–64.7)
Palm Beach County, Florida	172	52.1	5.0	(42.2–62.0)
Pinellas County, Florida	159	41.4	4.8	(32.0–50.8)
Clayton County, Georgia	159	NA	NA	NA
Cobb County, Georgia	176	NA	NA	NA
DeKalb County, Georgia	200	33.6	4.6	(24.5–42.7)
Fulton County, Georgia	228	37.0	4.8	(27.7–46.3)
Hawaii County, Hawaii	853	38.7	2.2	(34.5–42.9)
Honolulu County, Hawaii	1,705	40.4	1.5	(37.4–43.4)
Kauai County, Hawaii	357	35.4	3.6	(28.4–42.4)
Maui County, Hawaii	876	35.8	2.3	(31.3–40.3)
Ada County, Idaho	448	36.6	2.8	(31.0–42.2)
Bonneville County, Idaho	263	35.7	3.6	(28.6–42.8)
Canyon County, Idaho	300	42.3	3.8	(34.9–49.7)
Nez Perce County, Idaho	188	34.8	4.5	(25.9–43.7)
Cook County, Illinois	1,307	36.8	1.8	(33.2–40.4)
DuPage County, Illinois	271	27.2	3.5	(20.4–34.0)
Lake County, Illinois	205	37.8	4.1	(29.8–45.8)
Will County, Illinois	207	34.6	4.0	(26.8–42.4)
Allen County, Indiana	334	42.0	3.4	(35.2–48.8)
Lake County, Indiana	640	38.8	3.6	(31.7–45.9)

See table footnotes on page 157.

**TABLE 48. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	985	37.4	2.4	(32.8–42.0)
Vanderburgh County, Indiana	180	45.2	4.7	(36.0–54.4)
Linn County, Iowa	338	39.5	3.5	(32.7–46.3)
Polk County, Iowa	519	36.7	2.7	(31.4–42.0)
Scott County, Iowa	234	28.7	3.6	(21.7–35.7)
Butler County, Kansas	263	36.8	3.8	(29.4–44.2)
Douglas County, Kansas	405	38.5	4.0	(30.7–46.3)
Johnson County, Kansas	2,124	35.1	1.3	(32.5–37.7)
Leavenworth County, Kansas	287	44.5	4.1	(36.5–52.5)
Riley County, Kansas	183	NA	NA	NA
Sedgwick County, Kansas	1,918	37.0	1.4	(34.2–39.8)
Shawnee County, Kansas	866	41.1	2.2	(36.7–45.5)
Wyandotte County, Kansas	673	38.2	2.5	(33.3–43.1)
Jefferson County, Kentucky	1,120	48.0	3.9	(40.4–55.6)
Caddo Parish, Louisiana	265	39.0	4.0	(31.1–46.9)
Calcasieu Parish, Louisiana	361	45.3	3.4	(38.5–52.1)
East Baton Rouge Parish, Louisiana	448	47.2	3.0	(41.3–53.1)
Jefferson Parish, Louisiana	344	41.1	3.6	(34.0–48.2)
Orleans Parish, Louisiana	249	42.4	4.9	(32.9–51.9)
Rapides Parish, Louisiana	275	43.1	3.8	(35.7–50.5)
St. Tammany Parish, Louisiana	285	39.1	3.7	(31.8–46.4)
Terrebonne Parish, Louisiana	185	53.8	5.1	(43.8–63.8)
Cumberland County, Maine	884	36.3	2.1	(32.1–40.5)
Kennebec County, Maine	400	37.6	3.3	(31.1–44.1)
Penobscot County, Maine	470	43.4	3.2	(37.2–49.6)
Sagadahoc County, Maine	208	35.7	4.2	(27.4–44.0)
York County, Maine	590	39.8	2.6	(34.8–44.8)
Anne Arundel County, Maryland	374	37.7	3.3	(31.3–44.1)
Baltimore County, Maryland	612	43.3	2.6	(38.1–48.5)
Cecil County, Maryland	167	47.9	4.7	(38.8–57.0)
Charles County, Maryland	221	38.0	4.0	(30.1–45.9)
Frederick County, Maryland	341	43.3	3.5	(36.5–50.1)
Harford County, Maryland	172	46.2	4.7	(37.0–55.4)
Howard County, Maryland	249	40.1	3.7	(32.9–47.3)
Montgomery County, Maryland	767	39.1	2.3	(34.6–43.6)
Prince George's County, Maryland	415	36.4	3.2	(30.2–42.6)
Queen Anne's County, Maryland	156	33.6	4.7	(24.5–42.7)
Washington County, Maryland	235	43.8	4.3	(35.4–52.2)
Baltimore City, Maryland	346	40.1	3.4	(33.5–46.7)
Bristol County, Massachusetts	1,804	43.6	2.5	(38.7–48.5)
Essex County, Massachusetts	1,432	40.1	2.5	(35.3–44.9)
Hampden County, Massachusetts	997	44.5	2.7	(39.2–49.8)
Hampshire County, Massachusetts	198	32.9	4.2	(24.7–41.1)
Middlesex County, Massachusetts	1,967	36.2	1.7	(32.8–39.6)
Norfolk County, Massachusetts	591	40.7	2.8	(35.2–46.2)
Plymouth County, Massachusetts	436	43.7	3.0	(37.8–49.6)
Suffolk County, Massachusetts	1,157	39.6	2.2	(35.2–44.0)
Worcester County, Massachusetts	1,302	44.7	2.4	(40.1–49.3)
Kent County, Michigan	285	29.7	3.5	(22.9–36.5)
Macomb County, Michigan	347	44.9	3.4	(38.1–51.7)
Oakland County, Michigan	653	38.0	2.6	(32.9–43.1)
Wayne County, Michigan	1,336	39.8	2.0	(35.8–43.8)
Anoka County, Minnesota	199	36.5	4.1	(28.4–44.6)
Dakota County, Minnesota	265	34.9	3.7	(27.6–42.2)
Hennepin County, Minnesota	755	33.1	2.4	(28.5–37.7)
Ramsey County, Minnesota	338	36.2	3.5	(29.4–43.0)
DeSoto County, Mississippi	360	41.6	3.9	(34.0–49.2)
George County, Mississippi	231	48.0	4.4	(39.5–56.5)
Hancock County, Mississippi	194	47.9	4.5	(39.0–56.8)
Harrison County, Mississippi	168	NA	NA	NA
Hinds County, Mississippi	295	40.2	3.6	(33.1–47.3)
Jackson County, Mississippi	195	48.3	4.8	(38.9–57.7)
Rankin County, Mississippi	194	41.1	4.5	(32.3–49.9)

See table footnotes on page 157.



**TABLE 48. (Continued) Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	189	48.3	4.7	(39.0–57.6)
Jackson County, Missouri	326	41.6	3.5	(34.6–48.6)
St. Louis County, Missouri	316	36.7	4.1	(28.8–44.6)
St. Louis City, Missouri	320	40.2	4.1	(32.2–48.2)
Flathead County, Montana	350	40.2	3.5	(33.3–47.1)
Gallatin County, Montana	418	38.0	3.9	(30.4–45.6)
Silver Bow County, Montana	349	39.4	3.7	(32.1–46.7)
Yellowstone County, Montana	373	34.7	3.1	(28.6–40.8)
Adams County, Nebraska	274	34.8	3.7	(27.5–42.1)
Dakota County, Nebraska	425	38.6	3.0	(32.7–44.5)
Douglas County, Nebraska	637	35.7	2.5	(30.8–40.6)
Hall County, Nebraska	375	34.8	3.3	(28.4–41.2)
Lancaster County, Nebraska	525	35.0	3.3	(28.5–41.5)
Lincoln County, Nebraska	310	40.1	3.7	(32.9–47.3)
Madison County, Nebraska	246	36.5	3.9	(28.8–44.2)
Sarpy County, Nebraska	391	39.4	3.7	(32.1–46.7)
Scotts Bluff County, Nebraska	458	33.2	3.1	(27.0–39.4)
Seward County, Nebraska	172	31.6	4.3	(23.2–40.0)
Clark County, Nevada	760	39.8	2.4	(35.2–44.4)
Washoe County, Nevada	809	39.3	2.3	(34.8–43.8)
Grafton County, New Hampshire	343	34.3	3.7	(27.0–41.6)
Hillsborough County, New Hampshire	965	44.0	2.7	(38.7–49.3)
Merrimack County, New Hampshire	383	39.3	3.5	(32.5–46.1)
Rockingham County, New Hampshire	633	33.7	2.4	(28.9–38.5)
Strafford County, New Hampshire	393	36.2	3.5	(29.4–43.0)
Atlantic County, New Jersey	580	45.9	2.8	(40.4–51.4)
Bergen County, New Jersey	394	41.8	3.6	(34.7–48.9)
Burlington County, New Jersey	358	43.2	3.3	(36.7–49.7)
Camden County, New Jersey	404	47.0	3.4	(40.4–53.6)
Cape May County, New Jersey	306	37.3	3.7	(30.1–44.5)
Essex County, New Jersey	683	40.8	2.6	(35.6–46.0)
Gloucester County, New Jersey	315	41.8	3.6	(34.7–48.9)
Hudson County, New Jersey	624	40.2	2.6	(35.2–45.2)
Hunterdon County, New Jersey	352	36.7	3.4	(30.1–43.3)
Mercer County, New Jersey	309	40.7	3.5	(33.8–47.6)
Middlesex County, New Jersey	402	42.9	3.5	(36.0–49.8)
Monmouth County, New Jersey	362	41.7	3.1	(35.7–47.7)
Morris County, New Jersey	457	34.7	3.1	(28.7–40.7)
Ocean County, New Jersey	308	41.9	3.7	(34.7–49.1)
Passaic County, New Jersey	323	36.8	3.6	(29.7–43.9)
Somerset County, New Jersey	380	40.9	3.2	(34.6–47.2)
Sussex County, New Jersey	311	49.6	3.8	(42.2–57.0)
Union County, New Jersey	329	39.3	3.5	(32.4–46.2)
Warren County, New Jersey	302	42.0	3.6	(35.0–49.0)
Bernalillo County, New Mexico	896	40.6	2.3	(36.0–45.2)
Dona Ana County, New Mexico	440	34.9	3.3	(28.5–41.3)
McKinley County, New Mexico	324	32.5	3.4	(25.8–39.2)
Sandoval County, New Mexico	407	39.8	3.4	(33.1–46.5)
San Juan County, New Mexico	551	39.9	3.0	(34.0–45.8)
Santa Fe County, New Mexico	500	34.3	3.0	(28.4–40.2)
Valencia County, New Mexico	230	48.9	4.2	(40.7–57.1)
Erie County, New York	281	38.7	4.0	(30.8–46.6)
Kings County, New York	292	45.1	3.7	(37.8–52.4)
Monroe County, New York	251	39.3	4.2	(31.0–47.6)
Nassau County, New York	282	43.6	3.7	(36.3–50.9)
New York County, New York	331	40.1	3.5	(33.2–47.0)
Queens County, New York	313	44.6	3.6	(37.5–51.7)
Suffolk County, New York	323	38.4	3.6	(31.4–45.4)
Westchester County, New York	233	38.2	4.1	(30.2–46.2)
Buncombe County, North Carolina	241	38.3	3.7	(31.1–45.5)
Cabarrus County, North Carolina	196	39.7	4.2	(31.5–47.9)
Catawba County, North Carolina	221	50.3	4.2	(42.0–58.6)
Cumberland County, North Carolina	234	55.6	3.9	(48.0–63.2)

See table footnotes on page 157.

**TABLE 48. (Continued) Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	270	37.7	4.1	(29.7–45.7)
Gaston County, North Carolina	212	50.2	4.4	(41.7–58.7)
Guilford County, North Carolina	265	41.5	3.8	(34.1–48.9)
Henderson County, North Carolina	156	27.7	4.2	(19.5–35.9)
Johnston County, North Carolina	231	41.2	4.5	(32.5–49.9)
Mecklenburg County, North Carolina	396	42.7	3.2	(36.4–49.0)
New Hanover County, North Carolina	246	38.5	4.3	(30.0–47.0)
Orange County, North Carolina	246	35.6	4.1	(27.5–43.7)
Randolph County, North Carolina	228	46.5	3.9	(38.9–54.1)
Union County, North Carolina	249	39.0	4.1	(31.0–47.0)
Wake County, North Carolina	432	36.1	2.9	(30.4–41.8)
Burleigh County, North Dakota	349	34.1	3.6	(27.1–41.1)
Cass County, North Dakota	489	30.9	2.8	(25.3–36.5)
Ward County, North Dakota	275	37.4	3.9	(29.8–45.0)
Cuyahoga County, Ohio	444	38.3	3.2	(32.1–44.5)
Franklin County, Ohio	434	43.6	3.1	(37.4–49.8)
Hamilton County, Ohio	465	33.4	2.7	(28.0–38.8)
Lucas County, Ohio	438	38.5	3.1	(32.5–44.5)
Mahoning County, Ohio	434	40.6	3.0	(34.8–46.4)
Montgomery County, Ohio	459	43.5	2.9	(37.8–49.2)
Stark County, Ohio	424	43.9	3.1	(37.8–50.0)
Summit County, Ohio	429	43.5	3.1	(37.4–49.6)
Canadian County, Oklahoma	180	40.4	4.3	(31.9–48.9)
Cleveland County, Oklahoma	290	42.0	3.7	(34.7–49.3)
Oklahoma County, Oklahoma	767	45.4	2.3	(41.0–49.8)
Tulsa County, Oklahoma	979	41.5	2.0	(37.6–45.4)
Clackamas County, Oregon	261	41.0	3.9	(33.4–48.6)
Multnomah County, Oregon	431	36.9	3.2	(30.6–43.2)
Washington County, Oregon	261	30.7	3.9	(23.1–38.3)
Allegheny County, Pennsylvania	442	43.0	3.0	(37.1–48.9)
Bucks County, Pennsylvania	198	40.9	4.3	(32.4–49.4)
Delaware County, Pennsylvania	184	37.1	4.4	(28.4–45.8)
Fayette County, Pennsylvania	503	47.3	3.4	(40.6–54.0)
Luzerne County, Pennsylvania	456	40.7	3.1	(34.7–46.7)
Montgomery County, Pennsylvania	263	42.6	3.6	(35.5–49.7)
Philadelphia County, Pennsylvania	312	43.4	3.8	(36.0–50.8)
Westmoreland County, Pennsylvania	159	37.5	4.3	(29.1–45.9)
Kent County, Rhode Island	573	36.2	2.4	(31.6–40.8)
Newport County, Rhode Island	294	41.2	3.8	(33.7–48.7)
Providence County, Rhode Island	2,574	37.5	1.4	(34.7–40.3)
Washington County, Rhode Island	442	33.8	3.2	(27.6–40.0)
Aiken County, South Carolina	271	40.9	3.8	(33.4–48.4)
Beaufort County, South Carolina	373	41.2	4.0	(33.5–48.9)
Berkeley County, South Carolina	228	39.6	5.0	(29.8–49.4)
Charleston County, South Carolina	407	31.3	4.4	(22.6–40.0)
Greenville County, South Carolina	332	40.6	4.3	(32.2–49.0)
Horry County, South Carolina	400	44.3	3.6	(37.2–51.4)
Richland County, South Carolina	430	41.8	4.5	(32.9–50.7)
Minnehaha County, South Dakota	372	38.0	3.6	(31.0–45.0)
Pennington County, South Dakota	487	39.3	2.8	(33.9–44.7)
Davidson County, Tennessee	266	49.4	4.3	(40.9–57.9)
Hamilton County, Tennessee	256	38.0	4.4	(29.4–46.6)
Shelby County, Tennessee	225	41.3	4.2	(33.1–49.5)
Sullivan County, Tennessee	220	50.9	4.6	(41.8–60.0)
Bexar County, Texas	439	34.7	3.1	(28.6–40.8)
Dallas County, Texas	203	29.4	4.3	(21.0–37.8)
El Paso County, Texas	597	39.4	2.6	(34.3–44.5)
Fort Bend County, Texas	469	38.9	3.4	(32.3–45.5)
Harris County, Texas	766	34.0	2.3	(29.5–38.5)
Hidalgo County, Texas	295	42.8	4.0	(34.9–50.7)
Lubbock County, Texas	322	35.4	3.7	(28.1–42.7)
Tarrant County, Texas	314	33.2	3.4	(26.6–39.8)
Travis County, Texas	617	36.6	3.4	(29.9–43.3)

See table footnotes on page 157.

**TABLE 48. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who did not get enough rest or sleep for at least 14 days during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	397	38.8	4.6	(29.9–47.7)
Davis County, Utah	575	37.6	2.5	(32.7–42.5)
Salt Lake County, Utah	2,309	38.1	1.3	(35.5–40.7)
Summit County, Utah	346	27.1	3.1	(21.1–33.1)
Tooele County, Utah	334	41.4	3.6	(34.3–48.5)
Utah County, Utah	779	37.3	2.5	(32.5–42.1)
Wasatch County, Utah	383	32.5	4.0	(24.6–40.4)
Weber County, Utah	500	39.3	2.8	(33.8–44.8)
Chittenden County, Vermont	975	34.6	2.2	(30.4–38.8)
Franklin County, Vermont	303	38.1	3.3	(31.7–44.5)
Orange County, Vermont	216	30.4	3.5	(23.4–37.4)
Rutland County, Vermont	448	38.2	2.8	(32.6–43.8)
Washington County, Vermont	451	39.5	3.1	(33.4–45.6)
Windsor County, Vermont	409	35.8	2.9	(30.1–41.5)
Benton County, Washington	281	35.1	3.6	(28.0–42.2)
Chelan County, Washington	183	40.5	4.5	(31.7–49.3)
Clark County, Washington	743	37.8	2.4	(33.1–42.5)
Douglas County, Washington	147	24.5	4.9	(14.8–34.2)
King County, Washington	2,149	34.6	1.4	(31.9–37.3)
Kitsap County, Washington	604	37.6	2.5	(32.6–42.6)
Pierce County, Washington	1,134	41.4	2.1	(37.3–45.5)
Skamania County, Washington	149	48.9	5.0	(39.0–58.8)
Snohomish County, Washington	1,124	40.0	2.0	(36.1–43.9)
Spokane County, Washington	833	39.7	2.4	(35.0–44.4)
Thurston County, Washington	560	39.3	2.5	(34.3–44.3)
Yakima County, Washington	446	41.2	3.1	(35.1–47.3)
Kanawha County, West Virginia	348	52.1	3.2	(45.7–58.5)
Milwaukee County, Wisconsin	424	30.9	3.5	(24.0–37.8)
Fremont County, Wyoming	285	37.1	3.8	(29.7–44.5)
Laramie County, Wyoming	591	36.3	2.7	(31.1–41.5)
Natrona County, Wyoming	464	40.0	3.0	(34.1–45.9)
<i>Median</i>		39.3		
<i>Range</i>		24.5–55.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 49. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,717	38.1	0.9	(36.4–39.8)
Alaska	2,362	28.0	1.3	(25.5–30.5)
Arizona	5,417	27.8	1.1	(25.6–30.0)
Arkansas	3,973	35.1	1.0	(33.1–37.1)
California	17,144	26.7	0.5	(25.8–27.6)
Colorado	11,806	23.3	0.5	(22.3–24.3)
Connecticut	6,434	27.9	0.7	(26.4–29.4)
Delaware	4,310	31.8	1.0	(29.9–33.7)
District of Columbia	3,876	26.3	0.8	(24.7–27.9)
Florida	11,953	32.5	0.8	(30.9–34.1)
Georgia	5,845	31.8	0.9	(30.0–33.6)
Hawaii	6,594	30.7	0.8	(29.2–32.2)
Idaho	5,308	27.1	0.8	(25.6–28.6)
Illinois	5,779	30.1	0.8	(28.6–31.6)
Indiana	9,165	32.9	0.7	(31.6–34.2)
Iowa	5,943	29.4	0.7	(28.0–30.8)
Kansas	18,716	29.7	0.4	(28.9–30.5)
Kentucky	9,567	37.4	0.9	(35.7–39.1)
Louisiana	8,776	36.6	0.7	(35.2–38.0)
Maine	7,988	31.0	0.6	(29.8–32.2)
Maryland	8,491	30.4	0.7	(29.0–31.8)
Massachusetts	16,571	26.8	0.5	(25.8–27.8)
Michigan	9,096	31.3	0.6	(30.1–32.5)
Minnesota	5,564	22.1	0.7	(20.8–23.4)
Mississippi	11,077	38.5	0.7	(37.2–39.8)
Missouri	5,005	31.6	0.9	(29.8–33.4)
Montana	7,532	29.2	0.7	(27.8–30.6)
Nebraska	15,791	28.3	0.7	(27.0–29.6)
Nevada	3,801	28.2	1.2	(25.9–30.5)
New Hampshire	5,935	29.5	0.8	(27.9–31.1)
New Jersey	12,274	28.9	0.6	(27.7–30.1)
New Mexico	8,721	27.8	0.7	(26.5–29.1)
New York	6,841	29.3	0.7	(27.8–30.8)
North Carolina	13,139	32.7	0.7	(31.4–34.0)
North Dakota	4,717	28.1	0.8	(26.6–29.6)
Ohio	9,659	32.7	0.7	(31.4–34.0)
Oklahoma	7,777	35.0	0.7	(33.7–36.3)
Oregon	4,246	28.0	0.9	(26.3–29.7)
Pennsylvania	9,060	32.3	0.7	(31.0–33.6)
Rhode Island	6,237	30.9	0.7	(29.4–32.4)
South Carolina	9,714	33.8	0.8	(32.3–35.3)
South Dakota	6,762	30.6	0.8	(29.1–32.1)
Tennessee	5,527	33.2	0.9	(31.4–35.0)
Texas	11,462	29.9	0.7	(28.5–31.3)
Utah	9,988	24.1	0.6	(23.0–25.2)
Vermont	6,603	28.1	0.7	(26.8–29.4)
Virginia	5,139	28.7	0.9	(26.9–30.5)
Washington	20,028	29.0	0.4	(28.2–29.8)
West Virginia	4,775	38.4	0.8	(36.7–40.1)
Wisconsin	4,493	28.9	1.0	(27.0–30.8)
Wyoming	5,998	27.2	0.7	(25.9–28.5)
Guam	1,212	23.5	1.5	(20.7–26.3)
Puerto Rico	4,151	35.4	0.9	(33.6–37.2)
Virgin Islands	2,448	27.4	1.1	(25.3–29.5)
<i>Median</i>		29.6		
<i>Range</i>		22.1–38.5		

**Abbreviations:** SE = standard error; CI = confidence interval..

**TABLE 50. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	773	30.5	2.0	(26.5–34.5)
Albuquerque, New Mexico	2,583	25.8	1.1	(23.6–28.0)
Alexandria, Louisiana	524	43.9	2.7	(38.5–49.3)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	857	31.1	2.4	(26.4–35.8)
Anchorage, Alaska	500	26.9	2.2	(22.6–31.2)
Asheville, North Carolina	837	29.6	1.9	(26.0–33.2)
Atlanta–Sandy Springs–Marietta, Georgia	2,320	28.0	1.4	(25.2–30.8)
Atlantic City–Hammonton, New Jersey	920	31.8	1.9	(28.0–35.6)
Augusta–Richmond County, Georgia–South Carolina	870	35.9	2.4	(31.1–40.7)
Augusta–Waterville, Maine	645	31.8	2.4	(27.0–36.6)
Austin–Round Rock, Texas	1,601	28.7	2.3	(24.2–33.2)
Baltimore–Towson, Maryland	3,074	30.9	1.1	(28.8–33.0)
Bangor, Maine	731	33.0	2.3	(28.6–37.4)
Barre, Vermont	685	28.1	2.1	(24.0–32.2)
Baton Rouge, Louisiana	1,193	32.3	1.8	(28.9–35.7)
Bethesda–Frederick–Gaithersburg, Maryland*	1,603	25.4	1.5	(22.5–28.3)
Billings, Montana	619	29.9	2.3	(25.3–34.5)
Birmingham–Hoover, Alabama	1,150	38.9	1.9	(35.1–42.7)
Bismarck, North Dakota	733	24.4	1.7	(21.0–27.8)
Boise City–Nampa, Idaho	1,268	26.2	1.5	(23.3–29.1)
Boston–Quincy, Massachusetts*	3,384	28.2	1.3	(25.7–30.7)
Bozeman, Montana	584	20.4	2.0	(16.4–24.4)
Bremerton–Silverdale, Washington	924	31.5	1.8	(28.0–35.0)
Bridgeport–Stamford–Norwalk, Connecticut	1,915	22.9	1.3	(20.3–25.5)
Buffalo–Niagara Falls, New York	547	30.7	2.5	(25.8–35.6)
Burlington–South Burlington, Vermont	1,919	26.4	1.2	(24.0–28.8)
Butte–Silver Bow, Montana	571	33.8	2.6	(28.7–38.9)
Cambridge–Newton–Framingham, Massachusetts*	3,052	23.1	1.0	(21.1–25.1)
Camden, New Jersey*	1,678	30.4	1.4	(27.6–33.2)
Canton–Massillon, Ohio	710	33.9	2.1	(29.7–38.1)
Casper, Wyoming	770	27.1	1.8	(23.6–30.6)
Cedar Rapids, Iowa	592	23.9	2.0	(20.0–27.8)
Charleston, West Virginia	852	39.4	2.0	(35.5–43.3)
Charleston–North Charleston–Summerville, South Carolina	1,177	32.0	2.4	(27.4–36.6)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,861	29.9	1.4	(27.2–32.6)
Chattanooga, Tennessee–Georgia	592	36.3	3.3	(29.9–42.7)
Cheyenne, Wyoming	935	26.9	1.7	(23.5–30.3)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,548	28.9	1.0	(27.0–30.8)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,711	30.6	1.6	(27.5–33.7)
Cleveland–Elyria–Mentor, Ohio	1,085	35.5	1.8	(31.9–39.1)
Colorado Springs, Colorado	1,157	21.7	1.4	(19.0–24.4)
Columbia, South Carolina	1,169	30.6	2.1	(26.5–34.7)
Columbus, Ohio	1,371	29.1	1.5	(26.2–32.0)
Concord, New Hampshire	620	28.0	2.1	(23.8–32.2)
Dallas–Plano–Irving, Texas*	579	26.7	2.4	(22.0–31.4)
Davenport–Moline–Rock Island, Iowa–Illinois	511	27.0	2.8	(21.6–32.4)
Dayton, Ohio	812	35.1	2.3	(30.6–39.6)
Denver–Aurora, Colorado	4,826	24.2	0.8	(22.7–25.7)
Des Moines–West Des Moines, Iowa	1,041	29.9	1.7	(26.5–33.3)
Detroit–Livonia–Dearborn, Michigan*	2,034	33.7	1.5	(30.8–36.6)
Dover, Delaware	1,415	33.7	1.5	(30.8–36.6)
Durham, North Carolina	883	29.8	2.7	(24.6–35.0)
Edison–New Brunswick, New Jersey*	2,248	28.2	1.2	(25.9–30.5)
El Paso, Texas	895	30.5	1.9	(26.8–34.2)
Evansville, Indiana–Kentucky	579	39.3	2.8	(33.8–44.8)
Fargo, North Dakota–Minnesota	797	23.2	2.1	(19.0–27.4)
Farmington, New Mexico	885	24.8	1.8	(21.3–28.3)
Fayetteville, North Carolina	541	36.1	2.7	(30.8–41.4)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	664	29.7	2.6	(24.6–34.8)
Fort Collins–Loveland, Colorado	581	20.6	2.1	(16.4–24.8)
Fort Wayne, Indiana	594	32.1	2.3	(27.6–36.6)
Fort Worth–Arlington, Texas*	593	27.7	2.2	(23.5–31.9)
Gallup, New Mexico	562	30.3	2.5	(25.4–35.2)

See table footnotes on page 161.

**TABLE 50. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	815	29.3	1.9	(25.6–33.0)
Grand Rapids–Wyoming, Michigan	633	28.5	2.1	(24.4–32.6)
Greeley, Colorado	502	18.8	1.9	(15.2–22.4)
Greensboro–High Point, North Carolina	821	30.6	2.3	(26.1–35.1)
Greenville–Mauldin–Easley, South Carolina	854	31.4	2.4	(26.7–36.1)
Gulfport–Biloxi, Mississippi	951	36.7	3.0	(30.8–42.6)
Hagerstown–Martinsburg, Maryland–West Virginia	614	31.4	2.3	(26.8–36.0)
Hartford–West Hartford–East Hartford, Connecticut	2,046	30.1	1.4	(27.4–32.8)
Hastings, Nebraska	577	31.5	2.5	(26.6–36.4)
Heber, Utah	524	21.5	2.1	(17.4–25.6)
Hickory–Lenoir–Morganton, North Carolina	786	33.5	2.1	(29.3–37.7)
Hilo, Hawaii	1,468	30.6	1.5	(27.7–33.5)
Hilton Head Island–Beaufort, South Carolina	803	29.1	2.1	(24.9–33.3)
Honolulu, Hawaii	2,967	31.6	1.0	(29.6–33.6)
Houma–Bayou Cane–Thibodaux, Louisiana	530	37.5	2.9	(31.8–43.2)
Houston–Sugar Land–Baytown, Texas	2,146	27.4	1.3	(24.8–30.0)
Huntington–Ashland, West Virginia–Kentucky–Ohio	688	37.6	2.5	(32.8–42.4)
Idaho Falls, Idaho	499	25.3	2.2	(21.0–29.6)
Indianapolis–Carmel, Indiana	2,195	29.9	1.3	(27.3–32.5)
Jackson, Mississippi	1,192	37.8	1.7	(34.4–41.2)
Jacksonville, Florida	1,069	27.2	1.8	(23.6–30.8)
Kahului–Wailuku, Hawaii	1,518	26.5	1.5	(23.6–29.4)
Kalispell, Montana	545	27.1	2.3	(22.5–31.7)
Kansas City, Missouri–Kansas	6,170	28.4	1.0	(26.4–30.4)
Kapaa, Hawaii	641	25.2	2.1	(21.2–29.2)
Kennewick–Pasco–Richland, Washington	644	26.6	2.1	(22.5–30.7)
Kingsport–Bristol–Bristol, Tennessee–Virginia	516	35.5	3.3	(29.0–42.0)
Lake Charles, Louisiana	613	37.0	2.4	(32.3–41.7)
Las Cruces, New Mexico	717	29.0	2.1	(24.8–33.2)
Las Vegas–Paradise, Nevada	1,217	28.0	1.6	(24.9–31.1)
Lawrence, Kansas	597	21.4	2.3	(16.9–25.9)
Lebanon, New Hampshire–Vermont	1,504	28.6	1.4	(25.9–31.3)
Lewiston, Idaho–Washington	535	33.9	2.4	(29.1–38.7)
Lincoln, Nebraska	1,042	24.7	1.9	(21.0–28.4)
Little Rock–North Little Rock–Conway, Arkansas	829	34.3	2.2	(30.0–38.6)
Los Angeles–Long Beach–Glendale, California*	2,137	27.0	1.2	(24.7–29.3)
Louisville/Jefferson County, Kentucky–Indiana	2,290	36.5	2.1	(32.5–40.5)
Lubbock, Texas	511	30.4	2.7	(25.1–35.7)
Manchester–Nashua, New Hampshire	1,423	29.2	1.8	(25.7–32.7)
Manhattan, Kansas	596	20.8	1.9	(17.0–24.6)
McAllen–Edinburg–Mission, Texas	533	26.6	2.4	(21.9–31.3)
Memphis, Tennessee–Mississippi–Arkansas	1,515	38.9	2.3	(34.5–43.3)
Miami–Fort Lauderdale–Pompano Beach, Florida	850	32.2	2.3	(27.7–36.7)
Milwaukee–Waukesha–West Allis, Wisconsin	823	29.8	2.4	(25.1–34.5)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,106	20.1	0.8	(18.5–21.7)
Minot, North Dakota	534	28.7	2.2	(24.4–33.0)
Mobile, Alabama	704	35.9	2.4	(31.2–40.6)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	679	34.6	2.4	(29.9–39.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	840	27.0	1.9	(23.2–30.8)
Nassau–Suffolk, New York*	938	28.8	1.7	(25.4–32.2)
Newark–Union, New Jersey–Pennsylvania*	3,336	29.3	1.2	(27.0–31.6)
New Haven–Milford, Connecticut	1,639	29.2	1.5	(26.2–32.2)
New Orleans–Metairie–Kenner, Louisiana	1,601	37.2	1.6	(34.0–40.4)
New York–White Plains–Wayne, New York–New Jersey*	4,377	27.1	1.0	(25.2–29.0)
Norfolk, Nebraska	623	28.0	2.1	(23.9–32.1)
North Platte, Nebraska	517	37.1	3.4	(30.5–43.7)
Oakland–Fremont–Hayward, California*	1,296	25.0	1.5	(22.1–27.9)
Ocean City, New Jersey	508	31.8	2.6	(26.7–36.9)
Ogden–Clearfield, Utah	1,581	25.1	1.3	(22.6–27.6)
Oklahoma City, Oklahoma	2,289	32.4	1.2	(30.1–34.7)
Olympia, Washington	805	34.9	2.0	(31.0–38.8)
Omaha–Council Bluffs, Nebraska–Iowa	2,313	27.2	1.2	(24.9–29.5)
Orlando–Kissimmee, Florida	907	27.5	2.0	(23.6–31.4)

See table footnotes on page 161.



**TABLE 50. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	703	34.7	2.9	(29.1–40.3)
Peabody, Massachusetts*	2,282	25.3	1.5	(22.5–28.1)
Philadelphia, Pennsylvania*	1,651	29.1	1.4	(26.4–31.8)
Phoenix–Mesa–Scottsdale, Arizona	1,568	26.1	1.5	(23.1–29.1)
Pittsburgh, Pennsylvania	2,164	34.5	1.5	(31.5–37.5)
Portland–South Portland–Biddeford, Maine	2,634	29.1	1.1	(27.0–31.2)
Portland–Vancouver–Beaverton, Oregon–Washington	3,055	26.4	1.1	(24.3–28.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,188	31.0	0.7	(29.6–32.4)
Provo–Orem, Utah	1,114	20.7	1.6	(17.7–23.7)
Raleigh–Cary, North Carolina	1,004	29.1	1.9	(25.4–32.8)
Rapid City, South Dakota	997	30.1	1.7	(26.8–33.4)
Reno–Sparks, Nevada	1,267	27.3	1.5	(24.4–30.2)
Richmond, Virginia	803	29.5	2.2	(25.3–33.7)
Riverside–San Bernardino–Ontario, California	2,008	28.4	1.3	(25.9–30.9)
Riverton, Wyoming	494	24.4	2.1	(20.2–28.6)
Rochester, New York	561	31.0	2.5	(26.2–35.8)
Rockingham County–Strafford County, New Hampshire*	1,616	28.6	1.5	(25.7–31.5)
Rutland, Vermont	704	29.4	2.0	(25.5–33.3)
Sacramento–Arden–Arcade–Roseville, California	1,254	25.8	1.5	(22.8–28.8)
St. Louis, Missouri–Illinois	1,611	30.6	1.6	(27.5–33.7)
Salt Lake City, Utah	4,262	24.3	0.8	(22.7–25.9)
San Antonio, Texas	809	28.7	2.0	(24.9–32.5)
San Diego–Carlsbad–San Marcos, California	1,688	24.2	1.3	(21.7–26.7)
San Francisco–San Mateo–Redwood City, California*	1,028	23.7	1.6	(20.6–26.8)
San Jose–Sunnyvale–Santa Clara, California	900	22.3	1.7	(19.0–25.6)
Santa Ana–Anaheim–Irvine, California*	1,491	23.8	1.3	(21.3–26.3)
Santa Fe, New Mexico	770	21.3	1.7	(18.0–24.6)
Scottsbluff, Nebraska	768	31.4	2.1	(27.3–35.5)
Scranton–Wilkes-Barre, Pennsylvania	915	34.7	2.4	(30.1–39.3)
Seaford, Delaware	1,449	36.8	1.6	(33.7–39.9)
Seattle–Bellevue–Everett, Washington*	4,808	26.2	0.8	(24.7–27.7)
Shreveport–Bossier City, Louisiana	676	36.8	2.4	(32.2–41.4)
Sioux City, Iowa–Nebraska–South Dakota	1,142	28.9	2.6	(23.9–33.9)
Sioux Falls, South Dakota	848	24.8	1.7	(21.5–28.1)
Spokane, Washington	1,232	27.7	1.6	(24.6–30.8)
Springfield, Massachusetts	2,075	27.0	1.4	(24.2–29.8)
Tacoma, Washington*	1,742	30.8	1.4	(28.1–33.5)
Tallahassee, Florida	581	36.5	4.2	(28.3–44.7)
Tampa–St. Petersburg–Clearwater, Florida	863	31.2	2.1	(27.1–35.3)
Toledo, Ohio	833	32.3	2.1	(28.2–36.4)
Topeka, Kansas	1,922	30.6	1.2	(28.2–33.0)
Trenton–Ewing, New Jersey	508	32.0	2.6	(27.0–37.0)
Tucson, Arizona	682	29.1	2.2	(24.9–33.3)
Tulsa, Oklahoma	2,279	35.5	1.3	(33.0–38.0)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,042	25.9	1.8	(22.4–29.4)
Warren–Troy–Farmington Hills, Michigan*	1,785	31.4	1.4	(28.7–34.1)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	6,082	26.9	1.4	(24.2–29.6)
Wenatchee, Washington	559	35.0	2.5	(30.2–39.8)
Wichita, Kansas	3,860	29.4	0.9	(27.7–31.1)
Wilmington, Delaware–Maryland–New Jersey*	1,871	30.2	1.3	(27.7–32.7)
Wilmington, North Carolina	498	35.9	3.6	(28.8–43.0)
Worcester, Massachusetts	2,049	25.8	1.4	(23.1–28.5)
Yakima, Washington	777	33.1	2.0	(29.2–37.0)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	879	32.7	2.3	(28.1–37.3)
<i>Median</i>		29.4		
<i>Range</i>		18.8–43.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 51. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	599	40.4	2.5	(35.5–45.3)
Mobile County, Alabama	704	35.9	2.4	(31.2–40.6)
Anchorage Municipality, Alaska	369	27.0	2.6	(21.9–32.1)
Maricopa County, Arizona	1,191	25.6	1.6	(22.4–28.8)
Pima County, Arizona	682	29.1	2.2	(24.9–33.3)
Pinal County, Arizona	377	31.7	3.4	(25.0–38.4)
Benton County, Arkansas	331	26.1	3.3	(19.7–32.5)
Pulaski County, Arkansas	546	34.7	2.7	(29.3–40.1)
Washington County, Arkansas	287	29.8	3.8	(22.3–37.3)
Alameda County, California	722	22.8	1.9	(19.1–26.5)
Contra Costa County, California	574	27.1	2.1	(23.0–31.2)
Los Angeles County, California	2,137	27.0	1.2	(24.7–29.3)
Orange County, California	1,491	23.8	1.3	(21.3–26.3)
Riverside County, California	1,076	27.4	1.7	(24.0–30.8)
Sacramento County, California	756	26.0	1.9	(22.4–29.6)
San Bernardino County, California	932	29.2	1.8	(25.6–32.8)
San Diego County, California	1,688	24.2	1.3	(21.7–26.7)
San Francisco County, California	438	22.5	2.2	(18.2–26.8)
San Mateo County, California	388	26.0	2.6	(20.9–31.1)
Santa Clara County, California	877	21.6	1.7	(18.3–24.9)
Adams County, Colorado	862	25.4	1.7	(22.0–28.8)
Arapahoe County, Colorado	889	25.1	1.7	(21.8–28.4)
Denver County, Colorado	905	25.2	1.8	(21.7–28.7)
Douglas County, Colorado	566	19.3	1.8	(15.8–22.8)
El Paso County, Colorado	1,007	21.3	1.4	(18.5–24.1)
Jefferson County, Colorado	1,132	24.1	1.6	(20.9–27.3)
Larimer County, Colorado	581	20.6	2.1	(16.4–24.8)
Weld County, Colorado	502	18.8	1.9	(15.2–22.4)
Fairfield County, Connecticut	1,915	22.9	1.3	(20.3–25.5)
Hartford County, Connecticut	1,483	30.4	1.5	(27.4–33.4)
Middlesex County, Connecticut	267	32.8	3.5	(26.0–39.6)
New Haven County, Connecticut	1,639	29.2	1.5	(26.2–32.2)
Tolland County, Connecticut	296	25.3	3.0	(19.5–31.1)
Kent County, Delaware	1,415	33.7	1.5	(30.8–36.6)
New Castle County, Delaware	1,446	29.2	1.4	(26.4–32.0)
Sussex County, Delaware	1,449	36.8	1.6	(33.7–39.9)
District of Columbia	3,876	27.7	0.9	(25.9–29.5)
Broward County, Florida	269	28.3	3.9	(20.7–35.9)
Duval County, Florida	502	27.8	2.5	(22.9–32.7)
Hillsborough County, Florida	280	27.0	3.2	(20.7–33.3)
Miami–Dade County, Florida	281	38.1	4.2	(29.8–46.4)
Orange County, Florida	297	25.5	2.9	(19.8–31.2)
Osceola County, Florida	285	25.1	2.9	(19.3–30.9)
Palm Beach County, Florida	300	32.3	3.4	(25.6–39.0)
Pinellas County, Florida	275	37.9	3.6	(30.8–45.0)
Clayton County, Georgia	253	31.4	4.3	(23.0–39.8)
Cobb County, Georgia	283	25.2	3.1	(19.0–31.4)
DeKalb County, Georgia	304	28.4	3.4	(21.7–35.1)
Fulton County, Georgia	331	24.2	2.9	(18.4–30.0)
Hawaii County, Hawaii	1,468	30.6	1.5	(27.7–33.5)
Honolulu County, Hawaii	2,967	31.6	1.0	(29.6–33.6)
Kauai County, Hawaii	641	25.2	2.1	(21.2–29.2)
Maui County, Hawaii	1,518	26.5	1.5	(23.6–29.4)
Ada County, Idaho	672	25.4	2.0	(21.5–29.3)
Bonneville County, Idaho	385	22.2	2.3	(17.7–26.7)
Canyon County, Idaho	456	27.7	2.6	(22.6–32.8)
Nez Perce County, Idaho	298	30.6	3.1	(24.5–36.7)
Cook County, Illinois	1,871	30.9	1.4	(28.1–33.7)
DuPage County, Illinois	386	22.9	2.3	(18.3–27.5)
Lake County, Illinois	299	26.8	3.0	(21.0–32.6)
Will County, Illinois	295	32.7	3.6	(25.6–39.8)
Allen County, Indiana	498	30.8	2.5	(25.9–35.7)
Lake County, Indiana	972	34.7	2.6	(29.6–39.8)

See table footnotes on page 166.

**TABLE 51. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,497	32.5	1.8	(29.0–36.0)
Vanderburgh County, Indiana	254	40.0	3.9	(32.4–47.6)
Linn County, Iowa	518	23.8	2.1	(19.6–28.0)
Polk County, Iowa	795	29.3	1.8	(25.7–32.9)
Scott County, Iowa	362	24.1	2.5	(19.1–29.1)
Butler County, Kansas	438	34.0	2.7	(28.8–39.2)
Douglas County, Kansas	597	21.4	2.3	(16.9–25.9)
Johnson County, Kansas	3,197	24.0	0.9	(22.2–25.8)
Leavenworth County, Kansas	460	31.0	2.6	(25.9–36.1)
Riley County, Kansas	282	17.2	2.5	(12.3–22.1)
Sedgwick County, Kansas	2,989	28.1	1.0	(26.2–30.0)
Shawnee County, Kansas	1,396	31.2	1.5	(28.3–34.1)
Wyandotte County, Kansas	1,073	35.0	1.9	(31.2–38.8)
Jefferson County, Kentucky	1,786	39.8	3.1	(33.8–45.8)
Caddo Parish, Louisiana	433	34.9	3.0	(29.0–40.8)
Calcasieu Parish, Louisiana	596	36.9	2.4	(32.1–41.7)
East Baton Rouge Parish, Louisiana	710	31.5	2.1	(27.4–35.6)
Jefferson Parish, Louisiana	555	38.5	2.6	(33.3–43.7)
Orleans Parish, Louisiana	376	38.4	3.6	(31.4–45.4)
Rapides Parish, Louisiana	455	43.6	2.9	(37.9–49.3)
St. Tammany Parish, Louisiana	423	32.8	2.8	(27.4–38.2)
Terrebonne Parish, Louisiana	296	39.4	4.0	(31.6–47.2)
Cumberland County, Maine	1,335	29.3	1.5	(26.4–32.2)
Kennebec County, Maine	645	31.8	2.4	(27.0–36.6)
Penobscot County, Maine	731	33.0	2.3	(28.6–37.4)
Sagadahoc County, Maine	342	28.3	3.0	(22.5–34.1)
York County, Maine	957	28.8	1.7	(25.5–32.1)
Anne Arundel County, Maryland	553	29.2	2.4	(24.4–34.0)
Baltimore County, Maryland	972	32.9	1.8	(29.4–36.4)
Cecil County, Maryland	247	34.2	3.5	(27.3–41.1)
Charles County, Maryland	315	32.0	3.3	(25.5–38.5)
Frederick County, Maryland	547	23.9	2.1	(19.7–28.1)
Harford County, Maryland	258	31.9	3.7	(24.7–39.1)
Howard County, Maryland	334	25.4	2.7	(20.2–30.6)
Montgomery County, Maryland	1,056	25.0	1.6	(21.9–28.1)
Prince George's County, Maryland	628	34.2	2.4	(29.6–38.8)
Queen Anne's County, Maryland	263	29.1	3.1	(23.0–35.2)
Washington County, Maryland	359	31.7	3.0	(25.9–37.5)
Baltimore City, Maryland	512	33.5	2.6	(28.5–38.5)
Bristol County, Massachusetts	2,951	31.6	1.6	(28.4–34.8)
Essex County, Massachusetts	2,282	25.2	1.5	(22.3–28.1)
Hampden County, Massachusetts	1,598	29.5	1.8	(26.0–33.0)
Hampshire County, Massachusetts	291	22.4	2.7	(17.2–27.6)
Middlesex County, Massachusetts	3,052	23.4	1.0	(21.4–25.4)
Norfolk County, Massachusetts	941	26.0	1.8	(22.5–29.5)
Plymouth County, Massachusetts	660	30.1	2.2	(25.7–34.5)
Suffolk County, Massachusetts	1,783	27.3	1.8	(23.8–30.8)
Worcester County, Massachusetts	2,049	25.8	1.4	(23.1–28.5)
Kent County, Michigan	457	25.4	2.3	(21.0–29.8)
Macomb County, Michigan	524	30.8	2.5	(26.0–35.6)
Oakland County, Michigan	928	30.8	1.8	(27.2–34.4)
Wayne County, Michigan	2,034	33.7	1.5	(30.8–36.6)
Anoka County, Minnesota	290	20.9	2.5	(16.0–25.8)
Dakota County, Minnesota	377	18.1	2.1	(14.0–22.2)
Hennepin County, Minnesota	1,133	22.3	1.5	(19.3–25.3)
Ramsey County, Minnesota	527	21.5	2.0	(17.5–25.5)
DeSoto County, Mississippi	625	30.4	2.3	(25.8–35.0)
George County, Mississippi	373	34.8	3.5	(28.0–41.6)
Hancock County, Mississippi	337	37.3	3.6	(30.3–44.3)
Harrison County, Mississippi	289	37.3	3.8	(29.8–44.8)
Hinds County, Mississippi	496	39.6	2.7	(34.2–45.0)
Jackson County, Mississippi	330	34.5	3.3	(28.0–41.0)
Rankin County, Mississippi	327	35.4	3.2	(29.2–41.6)

See table footnotes on page 166.

**TABLE 51. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	325	42.3	3.5	(35.4–49.2)
Jackson County, Missouri	488	28.5	2.3	(24.0–33.0)
St. Louis County, Missouri	475	32.1	2.9	(26.4–37.8)
St. Louis City, Missouri	488	31.4	3.1	(25.2–37.6)
Flathead County, Montana	545	27.1	2.3	(22.5–31.7)
Gallatin County, Montana	584	20.4	2.0	(16.4–24.4)
Silver Bow County, Montana	571	33.8	2.6	(28.7–38.9)
Yellowstone County, Montana	569	30.3	2.4	(25.6–35.0)
Adams County, Nebraska	443	27.6	2.5	(22.7–32.5)
Dakota County, Nebraska	704	29.3	2.0	(25.5–33.1)
Douglas County, Nebraska	924	27.3	1.7	(24.0–30.6)
Hall County, Nebraska	587	27.7	2.2	(23.4–32.0)
Lancaster County, Nebraska	770	24.3	2.1	(20.3–28.3)
Lincoln County, Nebraska	488	37.3	3.5	(30.5–44.1)
Madison County, Nebraska	412	27.1	2.5	(22.2–32.0)
Sarpy County, Nebraska	577	21.4	2.2	(17.1–25.7)
Scotts Bluff County, Nebraska	752	31.6	2.1	(27.4–35.8)
Seward County, Nebraska	272	31.8	3.4	(25.2–38.4)
Clark County, Nevada	1,217	28.0	1.6	(24.9–31.1)
Washoe County, Nevada	1,238	27.0	1.5	(24.1–29.9)
Grafton County, New Hampshire	509	26.6	2.4	(22.0–31.2)
Hillsborough County, New Hampshire	1,423	29.2	1.8	(25.7–32.7)
Merrimack County, New Hampshire	620	28.0	2.1	(23.8–32.2)
Rockingham County, New Hampshire	996	29.0	1.8	(25.4–32.6)
Strafford County, New Hampshire	620	26.7	2.2	(22.4–31.0)
Atlantic County, New Jersey	920	31.8	1.9	(28.0–35.6)
Bergen County, New Jersey	630	27.3	2.3	(22.8–31.8)
Burlington County, New Jersey	552	31.6	2.4	(26.9–36.3)
Camden County, New Jersey	614	30.3	2.3	(25.9–34.7)
Cape May County, New Jersey	508	31.8	2.6	(26.7–36.9)
Essex County, New Jersey	1,046	29.0	1.8	(25.5–32.5)
Gloucester County, New Jersey	512	27.9	2.5	(23.0–32.8)
Hudson County, New Jersey	995	25.5	1.7	(22.2–28.8)
Hunterdon County, New Jersey	535	23.2	2.1	(19.1–27.3)
Mercer County, New Jersey	508	32.0	2.6	(27.0–37.0)
Middlesex County, New Jersey	617	28.4	2.2	(24.0–32.8)
Monmouth County, New Jersey	550	26.7	2.2	(22.4–31.0)
Morris County, New Jersey	709	24.3	2.0	(20.5–28.1)
Ocean County, New Jersey	525	32.0	2.4	(27.4–36.6)
Passaic County, New Jersey	495	27.4	2.5	(22.5–32.3)
Somerset County, New Jersey	556	24.0	2.3	(19.5–28.5)
Sussex County, New Jersey	485	31.2	2.8	(25.7–36.7)
Union County, New Jersey	525	30.7	2.6	(25.7–35.7)
Warren County, New Jersey	478	28.3	2.4	(23.6–33.0)
Bernalillo County, New Mexico	1,464	25.2	1.4	(22.4–28.0)
Dona Ana County, New Mexico	717	29.0	2.1	(24.8–33.2)
McKinley County, New Mexico	562	30.3	2.5	(25.4–35.2)
Sandoval County, New Mexico	643	26.7	2.3	(22.2–31.2)
San Juan County, New Mexico	885	24.8	1.8	(21.3–28.3)
Santa Fe County, New Mexico	770	21.3	1.7	(18.0–24.6)
Valencia County, New Mexico	385	30.1	2.8	(24.6–35.6)
Erie County, New York	447	29.8	2.7	(24.5–35.1)
Kings County, New York	447	28.1	2.7	(22.8–33.4)
Monroe County, New York	376	31.3	3.0	(25.4–37.2)
Nassau County, New York	440	27.6	2.6	(22.6–32.6)
New York County, New York	518	20.9	2.0	(16.9–24.9)
Queens County, New York	474	26.3	2.3	(21.8–30.8)
Suffolk County, New York	498	30.1	2.4	(25.4–34.8)
Westchester County, New York	340	23.6	2.6	(18.5–28.7)
Buncombe County, North Carolina	393	27.9	2.5	(23.0–32.8)
Cabarrus County, North Carolina	347	27.8	2.7	(22.5–33.1)
Catawba County, North Carolina	365	32.1	2.9	(26.5–37.7)
Cumberland County, North Carolina	382	38.0	3.0	(32.1–43.9)

See table footnotes on page 166.

**TABLE 51. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	413	28.0	2.8	(22.5–33.5)
Gaston County, North Carolina	350	33.8	3.0	(27.8–39.8)
Guilford County, North Carolina	425	31.3	2.8	(25.8–36.8)
Henderson County, North Carolina	262	32.8	3.5	(25.9–39.7)
Johnston County, North Carolina	368	28.0	3.1	(21.8–34.2)
Mecklenburg County, North Carolina	611	29.6	2.2	(25.4–33.8)
New Hanover County, North Carolina	408	38.8	3.3	(32.3–45.3)
Orange County, North Carolina	367	22.2	2.5	(17.2–27.2)
Randolph County, North Carolina	354	30.3	2.9	(24.6–36.0)
Union County, North Carolina	368	30.6	3.1	(24.6–36.6)
Wake County, North Carolina	597	28.8	2.3	(24.4–33.2)
Burleigh County, North Dakota	560	22.4	1.9	(18.6–26.2)
Cass County, North Dakota	739	23.8	1.8	(20.4–27.2)
Ward County, North Dakota	462	28.5	2.4	(23.8–33.2)
Cuyahoga County, Ohio	683	35.5	2.3	(31.0–40.0)
Franklin County, Ohio	651	29.4	2.1	(25.3–33.5)
Hamilton County, Ohio	688	29.7	2.0	(25.7–33.7)
Lucas County, Ohio	678	33.2	2.2	(28.8–37.6)
Mahoning County, Ohio	674	33.7	2.2	(29.5–37.9)
Montgomery County, Ohio	674	36.1	2.3	(31.6–40.6)
Stark County, Ohio	678	33.6	2.1	(29.4–37.8)
Summit County, Ohio	674	33.3	2.1	(29.1–37.5)
Canadian County, Oklahoma	265	30.6	3.2	(24.4–36.8)
Cleveland County, Oklahoma	421	31.4	2.6	(26.4–36.4)
Oklahoma County, Oklahoma	1,218	32.4	1.6	(29.3–35.5)
Tulsa County, Oklahoma	1,567	33.9	1.4	(31.1–36.7)
Clackamas County, Oregon	423	30.6	2.6	(25.5–35.7)
Multnomah County, Oregon	644	26.2	2.0	(22.2–30.2)
Washington County, Oregon	438	23.0	2.3	(18.4–27.6)
Allegheny County, Pennsylvania	701	34.9	2.2	(30.5–39.3)
Bucks County, Pennsylvania	294	27.3	3.1	(21.2–33.4)
Delaware County, Pennsylvania	258	29.7	3.4	(23.0–36.4)
Fayette County, Pennsylvania	807	38.3	2.5	(33.4–43.2)
Luzerne County, Pennsylvania	763	34.4	2.1	(30.2–38.6)
Montgomery County, Pennsylvania	388	24.5	2.4	(19.8–29.2)
Philadelphia County, Pennsylvania	486	35.6	2.8	(30.1–41.1)
Westmoreland County, Pennsylvania	251	35.3	3.3	(28.8–41.8)
Kent County, Rhode Island	849	34.7	1.9	(31.0–38.4)
Newport County, Rhode Island	473	29.0	2.6	(24.0–34.0)
Providence County, Rhode Island	3,974	30.6	0.9	(28.7–32.5)
Washington County, Rhode Island	696	28.9	2.1	(24.8–33.0)
Aiken County, South Carolina	461	32.3	2.6	(27.1–37.5)
Beaufort County, South Carolina	684	27.6	2.2	(23.3–31.9)
Berkeley County, South Carolina	354	34.5	4.1	(26.5–42.5)
Charleston County, South Carolina	684	31.0	3.2	(24.7–37.3)
Greenville County, South Carolina	538	31.1	2.8	(25.6–36.6)
Horry County, South Carolina	679	34.6	2.4	(29.9–39.3)
Richland County, South Carolina	724	26.3	2.7	(21.1–31.5)
Minnehaha County, South Dakota	603	24.3	1.9	(20.5–28.1)
Pennington County, South Dakota	787	30.5	1.9	(26.7–34.3)
Davidson County, Tennessee	435	24.2	2.5	(19.3–29.1)
Hamilton County, Tennessee	435	34.1	3.2	(27.9–40.3)
Shelby County, Tennessee	368	40.9	3.4	(34.2–47.6)
Sullivan County, Tennessee	360	34.3	3.2	(28.0–40.6)
Bexar County, Texas	667	27.4	2.0	(23.5–31.3)
Dallas County, Texas	306	30.9	3.3	(24.5–37.3)
El Paso County, Texas	895	30.5	1.9	(26.8–34.2)
Fort Bend County, Texas	689	24.9	2.1	(20.8–29.0)
Harris County, Texas	1,143	27.0	1.6	(23.8–30.2)
Hidalgo County, Texas	533	26.6	2.4	(21.9–31.3)
Lubbock County, Texas	496	29.9	2.7	(24.6–35.2)
Tarrant County, Texas	483	26.6	2.4	(21.9–31.3)
Travis County, Texas	920	26.1	2.6	(20.9–31.3)

See table footnotes on page 166.

**TABLE 51. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that they had high blood pressure, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	597	24.3	2.5	(19.3–29.3)
Davis County, Utah	787	23.7	1.7	(20.3–27.1)
Salt Lake County, Utah	3,275	24.3	0.9	(22.5–26.1)
Summit County, Utah	496	18.7	2.0	(14.8–22.6)
Tooele County, Utah	491	27.7	2.4	(23.0–32.4)
Utah County, Utah	1,057	20.3	1.6	(17.2–23.4)
Wasatch County, Utah	524	21.5	2.1	(17.4–25.6)
Weber County, Utah	760	25.7	1.8	(22.3–29.1)
Chittenden County, Vermont	1,400	24.7	1.5	(21.8–27.6)
Franklin County, Vermont	440	30.3	2.4	(25.6–35.0)
Orange County, Vermont	355	28.7	2.6	(23.6–33.8)
Rutland County, Vermont	704	29.4	2.0	(25.5–33.3)
Washington County, Vermont	685	28.1	2.1	(24.0–32.2)
Windsor County, Vermont	640	32.0	2.1	(27.9–36.1)
Benton County, Washington	409	28.0	2.6	(23.0–33.0)
Chelan County, Washington	297	34.5	3.1	(28.4–40.6)
Clark County, Washington	1,125	26.2	1.6	(23.1–29.3)
Douglas County, Washington	262	36.7	3.8	(29.2–44.2)
King County, Washington	3,161	24.8	0.9	(23.1–26.5)
Kitsap County, Washington	924	31.5	1.8	(28.0–35.0)
Pierce County, Washington	1,742	30.6	1.4	(27.9–33.3)
Skamania County, Washington	253	27.7	3.4	(21.0–34.4)
Snohomish County, Washington	1,647	29.9	1.4	(27.2–32.6)
Spokane County, Washington	1,232	27.7	1.6	(24.6–30.8)
Thurston County, Washington	805	34.9	2.0	(31.0–38.8)
Yakima County, Washington	777	33.1	2.0	(29.2–37.0)
Kanawha County, West Virginia	556	40.6	2.6	(35.6–45.6)
Milwaukee County, Wisconsin	612	32.1	2.9	(26.3–37.9)
Fremont County, Wyoming	494	24.4	2.1	(20.2–28.6)
Laramie County, Wyoming	935	26.9	1.7	(23.5–30.3)
Natrona County, Wyoming	770	27.1	1.8	(23.6–30.6)
<i>Median</i>		29.1		
<i>Range</i>		17.2–43.6		

**Abbreviations:** SE = standard error; CI = confidence interval.



**TABLE 52. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	5,667	40.3	1.0	(38.4–42.2)
Alaska	1,837	35.4	1.6	(32.3–38.5)
Arizona	4,694	41.6	1.4	(39.0–44.2)
Arkansas	3,415	39.3	1.1	(37.1–41.5)
California	14,815	37.1	0.5	(36.0–38.2)
Colorado	10,275	35.6	0.6	(34.3–36.9)
Connecticut	5,766	37.4	0.9	(35.7–39.1)
Delaware	3,919	38.9	1.1	(36.8–41.0)
District of Columbia	3,485	34.7	1.0	(32.7–36.7)
Florida	10,551	39.9	0.9	(38.1–41.7)
Georgia	5,163	37.3	1.0	(35.4–39.2)
Hawaii	5,683	39.2	0.9	(37.5–40.9)
Idaho	4,420	38.1	1.0	(36.2–40.0)
Illinois	5,088	38.0	0.9	(36.3–39.7)
Indiana	7,872	40.9	0.8	(39.4–42.4)
Iowa	5,158	38.2	0.8	(36.6–39.8)
Kansas	16,189	39.1	0.5	(38.2–40.0)
Kentucky	8,421	42.1	1.0	(40.2–44.0)
Louisiana	7,494	37.6	0.8	(36.1–39.1)
Maine	7,288	39.5	0.7	(38.1–40.9)
Maryland	7,691	37.7	0.8	(36.2–39.2)
Massachusetts	14,924	35.9	0.6	(34.7–37.1)
Michigan	8,139	39.4	0.7	(38.0–40.8)
Minnesota	5,103	33.8	0.8	(32.2–35.4)
Mississippi	9,490	41.9	0.7	(40.5–43.3)
Missouri	4,292	38.8	1.1	(36.7–40.9)
Montana	6,364	37.1	0.8	(35.5–38.7)
Nebraska	13,532	38.1	0.8	(36.5–39.7)
Nevada	3,296	38.9	1.5	(36.0–41.8)
New Hampshire	5,377	38.9	0.9	(37.1–40.7)
New Jersey	10,929	37.6	0.7	(36.3–38.9)
New Mexico	7,281	34.7	0.8	(33.2–36.2)
New York	6,151	39.4	0.9	(37.7–41.1)
North Carolina	11,589	40.4	0.8	(38.9–41.9)
North Dakota	4,109	35.6	0.9	(33.8–37.4)
Ohio	8,449	40.1	0.7	(38.6–41.6)
Oklahoma	6,600	40.6	0.8	(39.1–42.1)
Oregon	3,680	35.6	1.0	(33.6–37.6)
Pennsylvania	7,981	39.2	0.7	(37.7–40.7)
Rhode Island	5,700	37.1	0.8	(35.5–38.7)
South Carolina	8,654	42.2	0.9	(40.5–43.9)
South Dakota	5,768	36.9	0.9	(35.2–38.6)
Tennessee	4,810	33.3	1.0	(31.3–35.3)
Texas	9,629	41.2	0.9	(39.5–42.9)
Utah	8,082	34.1	0.7	(32.7–35.5)
Vermont	5,867	36.2	0.7	(34.7–37.7)
Virginia	4,637	37.3	1.0	(35.3–39.3)
Washington	17,184	39.1	0.5	(38.1–40.1)
West Virginia	4,123	39.0	0.9	(37.2–40.8)
Wisconsin	3,978	36.1	1.1	(33.9–38.3)
Wyoming	5,247	37.3	0.8	(35.7–38.9)
Guam	945	24.9	1.7	(21.6–28.2)
Puerto Rico	3,663	35.2	1.0	(33.2–37.2)
Virgin Islands	2,027	32.9	1.3	(30.4–35.4)
<i>Median</i>		38.1		
<i>Range</i>		24.9–42.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Among those who reportedly had their blood cholesterol checked.

**TABLE 53. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	690	38.2	2.4	(33.4–43.0)
Albuquerque, New Mexico	2,215	32.3	1.2	(29.9–34.7)
Alexandria, Louisiana	445	38.2	2.9	(32.6–43.8)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	766	38.2	2.7	(32.9–43.5)
Anchorage, Alaska	408	33.4	2.6	(28.3–38.5)
Asheville, North Carolina	747	40.0	2.2	(35.7–44.3)
Atlanta–Sandy Springs–Marietta, Georgia	2,069	37.1	1.5	(34.1–40.1)
Atlantic City–Hammonton, New Jersey	814	38.2	2.2	(33.9–42.5)
Augusta–Richmond County, Georgia–South Carolina	782	44.1	2.7	(38.7–49.5)
Augusta–Waterville, Maine	587	37.4	2.4	(32.7–42.1)
Austin–Round Rock, Texas	1,370	38.0	2.3	(33.5–42.5)
Baltimore–Towson, Maryland	2,810	36.8	1.2	(34.5–39.1)
Bangor, Maine	664	36.0	2.2	(31.7–40.3)
Barre, Vermont	619	33.8	2.2	(29.5–38.1)
Baton Rouge, Louisiana	1,011	38.9	2.0	(34.9–42.9)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,459	38.6	1.7	(35.2–42.0)
Billings, Montana	536	36.4	2.6	(31.2–41.6)
Birmingham–Hoover, Alabama	988	40.3	2.1	(36.1–44.5)
Bismarck, North Dakota	637	37.4	2.4	(32.7–42.1)
Boise City–Nampa, Idaho	1,071	38.0	1.9	(34.4–41.6)
Boston–Quincy, Massachusetts <sup>†</sup>	3,045	35.0	1.4	(32.3–37.7)
Bozeman, Montana	508	31.6	2.8	(26.0–37.2)
Bremerton–Silverdale, Washington	822	40.3	2.1	(36.3–44.3)
Bridgeport–Stamford–Norwalk, Connecticut	1,740	34.8	1.7	(31.5–38.1)
Buffalo–Niagara Falls, New York	508	40.2	3.0	(34.3–46.1)
Burlington–South Burlington, Vermont	1,720	34.8	1.4	(32.1–37.5)
Butte–Silver Bow, Montana	468	43.0	2.8	(37.5–48.5)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	2,783	35.0	1.3	(32.4–37.6)
Camden, New Jersey <sup>†</sup>	1,519	37.0	1.6	(33.9–40.1)
Canton–Massillon, Ohio	623	44.9	2.5	(40.0–49.8)
Casper, Wyoming	661	38.6	2.3	(34.1–43.1)
Cedar Rapids, Iowa	527	41.0	2.6	(35.9–46.1)
Charleston, West Virginia	752	40.9	2.1	(36.7–45.1)
Charleston–North Charleston–Summerville, South Carolina	1,068	44.0	2.5	(39.2–48.8)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,655	37.3	1.6	(34.2–40.4)
Chattanooga, Tennessee–Georgia	512	39.7	3.6	(32.6–46.8)
Cheyenne, Wyoming	826	34.5	2.1	(30.4–38.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	3,962	37.6	1.1	(35.5–39.7)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,535	38.0	1.7	(34.6–41.4)
Cleveland–Elyria–Mentor, Ohio	976	38.6	1.9	(34.9–42.3)
Colorado Springs, Colorado	1,013	36.0	1.8	(32.5–39.5)
Columbia, South Carolina	1,049	38.9	2.4	(34.2–43.6)
Columbus, Ohio	1,196	37.9	1.7	(34.5–41.3)
Concord, New Hampshire	572	37.8	2.7	(32.6–43.0)
Dallas–Plano–Irving, Texas <sup>†</sup>	493	42.0	3.1	(36.0–48.0)
Davenport–Moline–Rock Island, Iowa–Illinois	459	40.1	3.5	(33.3–46.9)
Dayton, Ohio	691	46.6	2.8	(41.2–52.0)
Denver–Aurora, Colorado	4,240	36.2	1.0	(34.3–38.1)
Des Moines–West Des Moines, Iowa	918	40.0	1.9	(36.2–43.8)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	1,819	36.8	1.6	(33.6–40.0)
Dover, Delaware	1,263	38.8	1.6	(35.6–42.0)
Durham, North Carolina	792	35.2	2.8	(29.7–40.7)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,036	36.4	1.4	(33.7–39.1)
El Paso, Texas	653	40.6	2.4	(36.0–45.2)
Evansville, Indiana–Kentucky	514	45.2	2.9	(39.6–50.8)
Fargo, North Dakota–Minnesota	721	28.8	2.5	(24.0–33.6)
Farmington, New Mexico	716	36.8	2.4	(32.2–41.4)
Fayetteville, North Carolina	457	39.9	3.1	(33.8–46.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	556	37.6	3.4	(30.9–44.3)
Fort Collins–Loveland, Colorado	513	35.5	2.9	(29.7–41.3)
Fort Wayne, Indiana	500	39.5	2.6	(34.4–44.6)
Fort Worth–Arlington, Texas <sup>†</sup>	522	42.0	2.7	(36.7–47.3)
Gallup, New Mexico	440	27.5	2.8	(22.1–32.9)

See table footnotes on page 170.

**TABLE 53. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	704	37.7	2.2	(33.4–42.0)
Grand Rapids–Wyoming, Michigan	557	40.7	2.5	(35.8–45.6)
Greeley, Colorado	431	34.6	3.0	(28.8–40.4)
Greensboro–High Point, North Carolina	724	40.1	2.6	(35.0–45.2)
Greenville–Mauldin–Easley, South Carolina	753	38.6	2.7	(33.4–43.8)
Gulfport–Biloxi, Mississippi	821	47.8	3.7	(40.6–55.0)
Hagerstown–Martinsburg, Maryland–West Virginia	518	42.8	2.8	(37.4–48.2)
Hartford–West Hartford–East Hartford, Connecticut	1,843	40.1	1.5	(37.1–43.1)
Hastings, Nebraska	506	41.2	2.8	(35.7–46.7)
Heber, Utah	425	33.2	3.1	(27.1–39.3)
Hickory–Lenoir–Morganton, North Carolina	702	40.3	2.4	(35.6–45.0)
Hilo, Hawaii	1,237	40.4	1.7	(37.1–43.7)
Hilton Head Island–Beaufort, South Carolina	727	41.7	2.5	(36.8–46.6)
Honolulu, Hawaii	2,605	39.2	1.2	(36.9–41.5)
Houma–Bayou Cane–Thibodaux, Louisiana	455	39.2	3.1	(33.2–45.2)
Houston–Sugar Land–Baytown, Texas	1,825	41.0	1.6	(37.8–44.2)
Huntington–Ashland, West Virginia–Kentucky–Ohio	597	41.9	2.7	(36.5–47.3)
Idaho Falls, Idaho	418	34.1	2.7	(28.9–39.3)
Indianapolis–Carmel, Indiana	1,937	39.4	1.6	(36.2–42.6)
Jackson, Mississippi	1,045	36.4	1.8	(32.8–40.0)
Jacksonville, Florida	952	32.5	2.0	(28.6–36.4)
Kahului–Wailuku, Hawaii	1,279	40.5	1.8	(37.0–44.0)
Kalispell, Montana	460	34.4	2.7	(29.1–39.7)
Kansas City, Missouri–Kansas	5,455	40.7	1.3	(38.2–43.2)
Kapaa, Hawaii	562	33.7	2.5	(28.8–38.6)
Kennewick–Pasco–Richland, Washington	531	42.8	2.8	(37.3–48.3)
Kingsport–Bristol–Bristol, Tennessee–Virginia	457	41.6	4.0	(33.8–49.4)
Lake Charles, Louisiana	533	38.9	2.6	(33.8–44.0)
Las Cruces, New Mexico	592	36.1	2.6	(31.0–41.2)
Las Vegas–Paradise, Nevada	1,055	39.2	2.0	(35.3–43.1)
Lawrence, Kansas	531	34.9	2.9	(29.3–40.5)
Lebanon, New Hampshire–Vermont	1,334	38.6	1.6	(35.5–41.7)
Lewiston, Idaho–Washington	457	42.8	2.8	(37.2–48.4)
Lincoln, Nebraska	921	36.6	2.3	(32.0–41.2)
Little Rock–North Little Rock–Conway, Arkansas	735	36.1	2.4	(31.4–40.8)
Los Angeles–Long Beach–Glendale, California†	1,809	38.4	1.4	(35.7–41.1)
Louisville/Jefferson County, Kentucky–Indiana	1,993	38.6	2.0	(34.6–42.6)
Lubbock, Texas	445	38.9	3.1	(32.9–44.9)
Manchester–Nashua, New Hampshire	1,303	39.0	2.1	(35.0–43.0)
Manhattan, Kansas	499	32.8	2.7	(27.6–38.0)
McAllen–Edinburg–Mission, Texas	396	37.9	3.2	(31.6–44.2)
Memphis, Tennessee–Mississippi–Arkansas	1,350	33.7	2.3	(29.1–38.3)
Miami–Fort Lauderdale–Pompano Beach, Florida	779	38.2	2.5	(33.3–43.1)
Milwaukee–Waukesha–West Allis, Wisconsin	733	38.5	2.7	(33.2–43.8)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	2,862	32.3	1.1	(30.2–34.4)
Minot, North Dakota	455	37.1	2.6	(32.0–42.2)
Mobile, Alabama	583	37.7	2.8	(32.1–43.3)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	614	44.0	2.7	(38.8–49.2)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	739	28.6	2.3	(24.1–33.1)
Nassau–Suffolk, New York†	857	41.4	2.1	(37.3–45.5)
Newark–Union, New Jersey–Pennsylvania*	2,993	38.2	1.4	(35.5–40.9)
New Haven–Milford, Connecticut	1,436	38.4	1.8	(34.8–42.0)
New Orleans–Metairie–Kenner, Louisiana	1,413	35.5	1.6	(32.3–38.7)
New York–White Plains–Wayne, New York–New Jersey†	3,845	39.0	1.1	(36.7–41.3)
Norfolk, Nebraska	538	41.5	2.6	(36.4–46.6)
North Platte, Nebraska	460	40.3	3.3	(33.7–46.9)
Oakland–Fremont–Hayward, California†	1,166	33.7	1.8	(30.2–37.2)
Ocean City, New Jersey	461	43.9	3.0	(38.0–49.8)
Ogden–Clearfield, Utah	1,321	35.3	1.6	(32.2–38.4)
Oklahoma City, Oklahoma	1,928	39.0	1.4	(36.3–41.7)
Olympia, Washington	696	36.2	2.1	(32.1–40.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,025	38.4	1.5	(35.5–41.3)
Orlando–Kissimmee, Florida	805	36.0	2.5	(31.1–40.9)

See table footnotes on page 170.

**TABLE 53. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	599	45.5	3.4	(38.8–52.2)
Peabody, Massachusetts†	2,032	40.3	1.8	(36.7–43.9)
Philadelphia, Pennsylvania†	1,498	37.0	1.5	(34.0–40.0)
Phoenix–Mesa–Scottsdale, Arizona	1,368	41.7	1.9	(37.9–45.5)
Pittsburgh, Pennsylvania	1,904	38.9	1.6	(35.8–42.0)
Portland–South Portland–Biddeford, Maine	2,440	38.9	1.2	(36.5–41.3)
Portland–Vancouver–Beaverton, Oregon–Washington	2,685	34.6	1.3	(32.1–37.1)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,368	37.1	0.8	(35.5–38.7)
Provo–Orem, Utah	843	28.1	1.8	(24.6–31.6)
Raleigh–Cary, North Carolina	890	38.1	2.2	(33.8–42.4)
Rapid City, South Dakota	864	36.5	1.9	(32.7–40.3)
Reno–Sparks, Nevada	1,107	38.2	1.8	(34.6–41.8)
Richmond, Virginia	733	33.3	2.3	(28.8–37.8)
Riverside–San Bernardino–Ontario, California	1,715	37.7	1.5	(34.8–40.6)
Riverton, Wyoming	432	36.6	2.7	(31.4–41.8)
Rochester, New York	509	37.2	2.7	(31.9–42.5)
Rockingham County–Strafford County, New Hampshire†	1,497	38.5	1.6	(35.3–41.7)
Rutland, Vermont	626	40.4	2.3	(35.9–44.9)
Sacramento–Arden–Arcade–Roseville, California	1,100	31.9	1.7	(28.5–35.3)
St. Louis, Missouri–Illinois	1,392	36.1	1.8	(32.5–39.7)
Salt Lake City, Utah	3,561	35.5	1.1	(33.4–37.6)
San Antonio, Texas	703	34.9	2.2	(30.5–39.3)
San Diego–Carlsbad–San Marcos, California	1,487	34.9	1.6	(31.8–38.0)
San Francisco–San Mateo–Redwood City, California†	910	33.3	2.0	(29.4–37.2)
San Jose–Sunnyvale–Santa Clara, California	805	39.3	2.3	(34.8–43.8)
Santa Ana–Anaheim–Irvine, California†	1,340	37.1	1.7	(33.9–40.3)
Santa Fe, New Mexico	668	33.0	2.3	(28.4–37.6)
Scottsbluff, Nebraska	660	32.4	2.3	(27.9–36.9)
Scranton–Wilkes-Barre, Pennsylvania	833	37.1	2.5	(32.3–41.9)
Seaford, Delaware	1,347	42.6	1.7	(39.3–45.9)
Seattle–Bellevue–Everett, Washington†	4,253	37.7	1.0	(35.8–39.6)
Shreveport–Bossier City, Louisiana	580	39.4	2.5	(34.4–44.4)
Sioux City, Iowa–Nebraska–South Dakota	907	36.1	3.2	(29.8–42.4)
Sioux Falls, South Dakota	755	34.1	2.1	(29.9–38.3)
Spokane, Washington	1,052	43.9	1.9	(40.2–47.6)
Springfield, Massachusetts	1,826	34.3	1.6	(31.1–37.5)
Tacoma, Washington†	1,507	41.2	1.6	(38.0–44.4)
Tallahassee, Florida	509	41.0	4.4	(32.4–49.6)
Tampa–St. Petersburg–Clearwater, Florida	790	40.4	2.5	(35.6–45.2)
Toledo, Ohio	736	39.7	2.6	(34.7–44.7)
Topeka, Kansas	1,686	41.7	1.5	(38.8–44.6)
Trenton–Ewing, New Jersey	449	41.1	2.9	(35.5–46.7)
Tucson, Arizona	608	41.1	2.6	(35.9–46.3)
Tulsa, Oklahoma	1,952	39.3	1.4	(36.5–42.1)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	954	33.3	2.2	(29.0–37.6)
Warren–Troy–Farmington Hills, Michigan†	1,650	41.2	1.5	(38.2–44.2)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	5,485	37.6	1.7	(34.3–40.9)
Wenatchee, Washington	476	36.7	2.8	(31.3–42.1)
Wichita, Kansas	3,359	39.9	1.0	(37.9–41.9)
Wilmington, Delaware–Maryland–New Jersey†	1,685	37.6	1.5	(34.7–40.5)
Wilmington, North Carolina	446	45.0	4.3	(36.6–53.4)
Worcester, Massachusetts	1,859	35.9	1.6	(32.7–39.1)
Yakima, Washington	604	45.5	2.5	(40.7–50.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	772	39.4	2.6	(34.2–44.6)
<i>Median</i>		38.2		
<i>Range</i>		27.5–47.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Among those who reportedly had their blood cholesterol checked.

† Metropolitan division.

**TABLE 54. Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	508	38.2	2.7	(32.9–43.5)
Mobile County, Alabama	583	37.7	2.8	(32.1–43.3)
Anchorage Municipality, Alaska	301	35.7	3.2	(29.4–42.0)
Maricopa County, Arizona	1,038	42.0	2.1	(37.9–46.1)
Pima County, Arizona	608	41.1	2.6	(35.9–46.3)
Pinal County, Arizona	330	38.3	3.7	(31.0–45.6)
Benton County, Arkansas	285	37.1	3.9	(29.5–44.7)
Pulaski County, Arkansas	480	36.8	3.0	(30.9–42.7)
Washington County, Arkansas	235	29.6	3.8	(22.1–37.1)
Alameda County, California	648	31.6	2.4	(27.0–36.2)
Contra Costa County, California	518	36.0	2.5	(31.1–40.9)
Los Angeles County, California	1,809	38.4	1.4	(35.7–41.1)
Orange County, California	1,340	37.1	1.7	(33.9–40.3)
Riverside County, California	937	37.4	2.1	(33.3–41.5)
Sacramento County, California	661	30.1	2.1	(26.0–34.2)
San Bernardino County, California	778	38.1	2.1	(33.9–42.3)
San Diego County, California	1,487	34.9	1.6	(31.8–38.0)
San Francisco County, California	371	32.8	2.9	(27.1–38.5)
San Mateo County, California	356	34.1	3.2	(27.7–40.5)
Santa Clara County, California	783	38.4	2.3	(33.8–43.0)
Adams County, Colorado	707	36.2	2.3	(31.8–40.6)
Arapahoe County, Colorado	790	37.2	2.1	(33.1–41.3)
Denver County, Colorado	781	35.1	2.2	(30.9–39.3)
Douglas County, Colorado	516	34.0	2.5	(29.1–38.9)
El Paso County, Colorado	877	35.7	1.9	(32.0–39.4)
Jefferson County, Colorado	1,033	37.0	1.9	(33.2–40.8)
Larimer County, Colorado	513	35.5	2.9	(29.7–41.3)
Weld County, Colorado	431	34.6	3.0	(28.8–40.4)
Fairfield County, Connecticut	1,740	34.8	1.7	(31.5–38.1)
Hartford County, Connecticut	1,327	41.6	1.8	(38.1–45.1)
Middlesex County, Connecticut	243	43.6	4.0	(35.8–51.4)
New Haven County, Connecticut	1,436	38.4	1.8	(34.8–42.0)
Tolland County, Connecticut	273	30.5	3.5	(23.6–37.4)
Kent County, Delaware	1,263	38.8	1.6	(35.6–42.0)
New Castle County, Delaware	1,309	37.6	1.6	(34.4–40.8)
Sussex County, Delaware	1,347	42.6	1.7	(39.3–45.9)
District of Columbia	3,485	34.5	1.1	(32.4–36.6)
Broward County, Florida	254	35.1	4.1	(27.0–43.2)
Duval County, Florida	440	32.0	2.8	(26.6–37.4)
Hillsborough County, Florida	257	39.1	3.9	(31.4–46.8)
Miami–Dade County, Florida	248	41.2	4.2	(32.9–49.5)
Orange County, Florida	262	38.4	4.2	(30.2–46.6)
Osceola County, Florida	244	36.7	4.1	(28.7–44.7)
Palm Beach County, Florida	277	36.8	3.9	(29.2–44.4)
Pinellas County, Florida	248	45.4	3.9	(37.7–53.1)
Clayton County, Georgia	226	30.6	4.6	(21.6–39.6)
Cobb County, Georgia	256	36.5	3.9	(28.8–44.2)
DeKalb County, Georgia	274	34.6	4.0	(26.8–42.4)
Fulton County, Georgia	299	37.3	3.8	(29.9–44.7)
Hawaii County, Hawaii	1,237	40.4	1.7	(37.1–43.7)
Honolulu County, Hawaii	2,605	39.2	1.2	(36.9–41.5)
Kauai County, Hawaii	562	33.7	2.5	(28.8–38.6)
Maui County, Hawaii	1,279	40.5	1.8	(37.0–44.0)
Ada County, Idaho	586	37.8	2.5	(33.0–42.6)
Bonneville County, Idaho	326	33.6	3.0	(27.7–39.5)
Canyon County, Idaho	369	35.1	3.0	(29.1–41.1)
Nez Perce County, Idaho	255	41.2	3.8	(33.7–48.7)
Cook County, Illinois	1,651	37.2	1.6	(34.1–40.3)
DuPage County, Illinois	347	38.1	3.1	(32.0–44.2)
Lake County, Illinois	271	36.4	3.5	(29.6–43.2)
Will County, Illinois	259	34.8	3.5	(28.0–41.6)
Allen County, Indiana	421	40.0	2.9	(34.3–45.7)
Lake County, Indiana	803	43.8	3.1	(37.7–49.9)

See table footnotes on page 175.

**TABLE 54. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,300	37.5	2.0	(33.5–41.5)
Vanderburgh County, Indiana	224	47.8	4.2	(39.6–56.0)
Linn County, Iowa	462	41.5	2.8	(36.1–46.9)
Polk County, Iowa	701	41.2	2.2	(36.9–45.5)
Scott County, Iowa	322	37.5	3.3	(31.0–44.0)
Butler County, Kansas	385	40.1	3.1	(34.0–46.2)
Douglas County, Kansas	531	34.9	2.9	(29.3–40.5)
Johnson County, Kansas	2,910	37.9	1.1	(35.8–40.0)
Leavenworth County, Kansas	406	33.8	2.8	(28.3–39.3)
Riley County, Kansas	245	31.4	4.3	(22.9–39.9)
Sedgwick County, Kansas	2,599	39.5	1.2	(37.2–41.8)
Shawnee County, Kansas	1,235	41.8	1.7	(38.4–45.2)
Wyandotte County, Kansas	886	44.1	2.2	(39.7–48.5)
Jefferson County, Kentucky	1,550	38.1	2.7	(32.7–43.5)
Caddo Parish, Louisiana	370	34.6	3.1	(28.6–40.6)
Calcasieu Parish, Louisiana	518	38.6	2.6	(33.4–43.8)
East Baton Rouge Parish, Louisiana	591	35.3	2.3	(30.7–39.9)
Jefferson Parish, Louisiana	477	37.2	2.8	(31.7–42.7)
Orleans Parish, Louisiana	330	27.5	3.2	(21.2–33.8)
Rapides Parish, Louisiana	389	38.0	3.0	(32.0–44.0)
St. Tammany Parish, Louisiana	380	42.7	3.3	(36.3–49.1)
Terrebonne Parish, Louisiana	254	44.7	4.4	(36.1–53.3)
Cumberland County, Maine	1,250	38.2	1.7	(34.9–41.5)
Kennebec County, Maine	587	37.4	2.4	(32.7–42.1)
Penobscot County, Maine	664	36.0	2.2	(31.7–40.3)
Sagadahoc County, Maine	301	39.9	3.6	(32.8–47.0)
York County, Maine	889	39.7	2.0	(35.8–43.6)
Anne Arundel County, Maryland	500	35.5	2.5	(30.6–40.4)
Baltimore County, Maryland	891	34.4	1.9	(30.7–38.1)
Cecil County, Maryland	216	44.7	4.1	(36.7–52.7)
Charles County, Maryland	284	41.3	3.7	(34.1–48.5)
Frederick County, Maryland	485	35.4	2.7	(30.2–40.6)
Harford County, Maryland	237	37.0	3.9	(29.3–44.7)
Howard County, Maryland	313	43.7	3.4	(37.1–50.3)
Montgomery County, Maryland	974	38.4	1.9	(34.6–42.2)
Prince George's County, Maryland	568	36.4	2.5	(31.4–41.4)
Queen Anne's County, Maryland	241	38.8	3.7	(31.6–46.0)
Washington County, Maryland	310	40.7	3.5	(33.8–47.6)
Baltimore City, Maryland	460	36.2	2.8	(30.8–41.6)
Bristol County, Massachusetts	2,668	36.8	1.8	(33.3–40.3)
Essex County, Massachusetts	2,032	39.8	1.9	(36.1–43.5)
Hampden County, Massachusetts	1,393	37.4	2.1	(33.3–41.5)
Hampshire County, Massachusetts	265	26.7	3.0	(20.7–32.7)
Middlesex County, Massachusetts	2,783	35.5	1.3	(32.9–38.1)
Norfolk County, Massachusetts	879	34.5	2.1	(30.3–38.7)
Plymouth County, Massachusetts	599	35.2	2.3	(30.7–39.7)
Suffolk County, Massachusetts	1,567	33.3	2.0	(29.5–37.1)
Worcester County, Massachusetts	1,859	35.9	1.6	(32.7–39.1)
Kent County, Michigan	409	35.9	2.9	(30.3–41.5)
Macomb County, Michigan	474	40.7	2.8	(35.3–46.1)
Oakland County, Michigan	870	43.7	2.1	(39.5–47.9)
Wayne County, Michigan	1,819	36.8	1.6	(33.6–40.0)
Anoka County, Minnesota	267	38.9	3.4	(32.2–45.6)
Dakota County, Minnesota	350	34.1	3.0	(28.2–40.0)
Hennepin County, Minnesota	1,048	31.6	1.7	(28.2–35.0)
Ramsey County, Minnesota	494	33.0	2.7	(27.8–38.2)
DeSoto County, Mississippi	565	41.9	2.8	(36.5–47.3)
George County, Mississippi	306	40.5	4.0	(32.6–48.4)
Hancock County, Mississippi	293	51.4	3.6	(44.3–58.5)
Harrison County, Mississippi	254	46.7	4.4	(38.1–55.3)
Hinds County, Mississippi	437	36.9	2.8	(31.5–42.3)
Jackson County, Mississippi	293	45.9	3.8	(38.4–53.4)
Rankin County, Mississippi	293	37.7	3.5	(30.8–44.6)

See table footnotes on page 175.



**TABLE 54. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	274	48.3	4.0	(40.4–56.2)
Jackson County, Missouri	427	42.7	3.1	(36.7–48.7)
St. Louis County, Missouri	422	37.8	3.2	(31.5–44.1)
St. Louis City, Missouri	407	34.4	3.4	(27.7–41.1)
Flathead County, Montana	460	34.4	2.7	(29.1–39.7)
Gallatin County, Montana	508	31.6	2.8	(26.0–37.2)
Silver Bow County, Montana	468	43.0	2.8	(37.5–48.5)
Yellowstone County, Montana	492	37.6	2.8	(32.2–43.0)
Adams County, Nebraska	390	37.1	3.1	(31.1–43.1)
Dakota County, Nebraska	547	40.5	2.5	(35.7–45.3)
Douglas County, Nebraska	794	38.5	2.2	(34.2–42.8)
Hall County, Nebraska	501	37.0	2.6	(31.9–42.1)
Lancaster County, Nebraska	676	36.1	2.5	(31.1–41.1)
Lincoln County, Nebraska	439	41.3	3.5	(34.5–48.1)
Madison County, Nebraska	357	44.5	3.2	(38.2–50.8)
Sarpy County, Nebraska	514	33.3	3.0	(27.4–39.2)
Scotts Bluff County, Nebraska	647	32.5	2.4	(27.8–37.2)
Seward County, Nebraska	245	43.4	3.8	(36.0–50.8)
Clark County, Nevada	1,055	39.2	2.0	(35.3–43.1)
Washoe County, Nevada	1,083	37.9	1.8	(34.3–41.5)
Grafton County, New Hampshire	443	41.4	2.8	(35.9–46.9)
Hillsborough County, New Hampshire	1,303	39.0	2.1	(35.0–43.0)
Merrimack County, New Hampshire	572	37.8	2.7	(32.6–43.0)
Rockingham County, New Hampshire	927	37.8	2.0	(33.9–41.7)
Strafford County, New Hampshire	570	38.7	2.6	(33.5–43.9)
Atlantic County, New Jersey	814	38.2	2.2	(33.9–42.5)
Bergen County, New Jersey	572	39.7	2.8	(34.2–45.2)
Burlington County, New Jersey	521	39.7	2.7	(34.5–44.9)
Camden County, New Jersey	550	36.7	2.6	(31.7–41.7)
Cape May County, New Jersey	461	43.9	3.0	(38.0–49.8)
Essex County, New Jersey	897	37.6	2.2	(33.4–41.8)
Gloucester County, New Jersey	448	37.3	2.8	(31.8–42.8)
Hudson County, New Jersey	837	36.6	2.1	(32.4–40.8)
Hunterdon County, New Jersey	491	37.3	2.6	(32.1–42.5)
Mercer County, New Jersey	449	41.1	2.9	(35.5–46.7)
Middlesex County, New Jersey	565	37.2	2.6	(32.1–42.3)
Monmouth County, New Jersey	492	34.2	2.5	(29.3–39.1)
Morris County, New Jersey	664	38.0	2.5	(33.2–42.8)
Ocean County, New Jersey	465	36.7	2.7	(31.5–41.9)
Passaic County, New Jersey	417	34.3	3.0	(28.3–40.3)
Somerset County, New Jersey	514	37.7	2.8	(32.3–43.1)
Sussex County, New Jersey	444	42.9	3.0	(36.9–48.9)
Union County, New Jersey	463	37.2	2.9	(31.6–42.8)
Warren County, New Jersey	417	38.9	2.9	(33.3–44.5)
Bernalillo County, New Mexico	1,286	30.7	1.6	(27.6–33.8)
Dona Ana County, New Mexico	592	36.1	2.6	(31.0–41.2)
McKinley County, New Mexico	440	27.5	2.8	(22.1–32.9)
Sandoval County, New Mexico	549	36.7	2.7	(31.5–41.9)
San Juan County, New Mexico	716	36.8	2.4	(32.2–41.4)
Santa Fe County, New Mexico	668	33.0	2.3	(28.4–37.6)
Valencia County, New Mexico	310	37.7	3.3	(31.2–44.2)
Erie County, New York	416	40.6	3.3	(34.2–47.0)
Kings County, New York	387	38.3	3.1	(32.3–44.3)
Monroe County, New York	339	37.1	3.1	(31.0–43.2)
Nassau County, New York	403	43.4	3.1	(37.4–49.4)
New York County, New York	470	35.3	2.7	(30.0–40.6)
Queens County, New York	423	42.0	2.9	(36.2–47.8)
Suffolk County, New York	454	40.0	2.8	(34.5–45.5)
Westchester County, New York	316	41.6	3.5	(34.8–48.4)
Buncombe County, North Carolina	350	40.6	3.0	(34.7–46.5)
Cabarrus County, North Carolina	301	40.9	3.5	(34.1–47.7)
Catawba County, North Carolina	330	35.5	3.2	(29.3–41.7)
Cumberland County, North Carolina	329	40.5	3.3	(34.0–47.0)

See table footnotes on page 175.

**TABLE 54. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	369	31.9	2.9	(26.2–37.6)
Gaston County, North Carolina	311	43.1	3.6	(36.1–50.1)
Guilford County, North Carolina	377	38.9	3.1	(32.9–44.9)
Henderson County, North Carolina	234	39.2	3.9	(31.6–46.8)
Johnston County, North Carolina	312	42.6	3.5	(35.7–49.5)
Mecklenburg County, North Carolina	544	34.8	2.5	(30.0–39.6)
New Hanover County, North Carolina	368	40.2	3.5	(33.3–47.1)
Orange County, North Carolina	329	32.3	3.6	(25.3–39.3)
Randolph County, North Carolina	308	41.6	3.5	(34.8–48.4)
Union County, North Carolina	333	38.8	3.4	(32.1–45.5)
Wake County, North Carolina	546	36.1	2.5	(31.1–41.1)
Burleigh County, North Dakota	498	35.9	2.7	(30.5–41.3)
Cass County, North Dakota	668	30.9	2.1	(26.7–35.1)
Ward County, North Dakota	390	35.9	2.8	(30.4–41.4)
Cuyahoga County, Ohio	606	39.3	2.4	(34.7–43.9)
Franklin County, Ohio	567	38.9	2.5	(34.1–43.7)
Hamilton County, Ohio	617	36.0	2.3	(31.4–40.6)
Lucas County, Ohio	593	41.5	2.7	(36.3–46.7)
Mahoning County, Ohio	597	42.7	2.5	(37.8–47.6)
Montgomery County, Ohio	572	43.4	2.6	(38.3–48.5)
Stark County, Ohio	597	43.3	2.5	(38.4–48.2)
Summit County, Ohio	604	35.7	2.3	(31.1–40.3)
Canadian County, Oklahoma	228	41.7	3.9	(34.0–49.4)
Cleveland County, Oklahoma	369	33.1	2.9	(27.5–38.7)
Oklahoma County, Oklahoma	1,012	40.6	1.9	(36.8–44.4)
Tulsa County, Oklahoma	1,333	38.9	1.6	(35.7–42.1)
Clackamas County, Oregon	372	37.5	3.1	(31.4–43.6)
Multnomah County, Oregon	570	36.7	2.5	(31.7–41.7)
Washington County, Oregon	388	28.8	2.8	(23.4–34.2)
Allegheny County, Pennsylvania	620	38.6	2.4	(34.0–43.2)
Bucks County, Pennsylvania	266	45.8	3.7	(38.6–53.0)
Delaware County, Pennsylvania	236	34.3	3.8	(26.9–41.7)
Fayette County, Pennsylvania	689	40.7	2.8	(35.3–46.1)
Luzerne County, Pennsylvania	698	41.8	2.4	(37.1–46.5)
Montgomery County, Pennsylvania	356	35.7	2.9	(30.0–41.4)
Philadelphia County, Pennsylvania	425	37.8	3.1	(31.8–43.8)
Westmoreland County, Pennsylvania	224	37.5	3.6	(30.4–44.6)
Kent County, Rhode Island	759	42.2	2.1	(38.1–46.3)
Newport County, Rhode Island	444	37.1	2.9	(31.4–42.8)
Providence County, Rhode Island	3,631	36.0	1.0	(33.9–38.1)
Washington County, Rhode Island	636	36.3	2.3	(31.8–40.8)
Aiken County, South Carolina	421	47.3	3.2	(41.1–53.5)
Beaufort County, South Carolina	624	41.7	2.6	(36.6–46.8)
Berkeley County, South Carolina	327	45.6	4.6	(36.7–54.5)
Charleston County, South Carolina	620	41.1	3.2	(34.8–47.4)
Greenville County, South Carolina	484	36.7	3.1	(30.6–42.8)
Horry County, South Carolina	614	44.0	2.7	(38.8–49.2)
Richland County, South Carolina	657	39.6	3.6	(32.6–46.6)
Minnehaha County, South Dakota	546	35.4	2.5	(30.4–40.4)
Pennington County, South Dakota	683	37.1	2.2	(32.8–41.4)
Davidson County, Tennessee	372	29.1	3.4	(22.5–35.7)
Hamilton County, Tennessee	374	31.8	3.6	(24.8–38.8)
Shelby County, Tennessee	321	33.2	3.6	(26.1–40.3)
Sullivan County, Tennessee	320	38.1	3.5	(31.2–45.0)
Bexar County, Texas	582	32.8	2.4	(28.1–37.5)
Dallas County, Texas	255	43.5	4.1	(35.5–51.5)
El Paso County, Texas	653	40.6	2.4	(36.0–45.2)
Fort Bend County, Texas	613	36.3	3.0	(30.4–42.2)
Harris County, Texas	936	42.0	2.1	(37.9–46.1)
Hidalgo County, Texas	396	37.9	3.2	(31.6–44.2)
Lubbock County, Texas	434	38.8	3.1	(32.7–44.9)
Tarrant County, Texas	425	41.2	3.0	(35.4–47.0)
Travis County, Texas	764	37.7	3.2	(31.5–43.9)

See table footnotes on page 175.

**TABLE 54. (Continued) Estimated proportion of adults aged  $\geq 20$  years who had ever been told by a health professional that their blood cholesterol was high,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	536	39.3	3.4	(32.6–46.0)
Davis County, Utah	663	35.1	2.2	(30.8–39.4)
Salt Lake County, Utah	2,731	36.0	1.1	(33.8–38.2)
Summit County, Utah	430	28.4	2.5	(23.4–33.4)
Tooele County, Utah	400	31.8	2.8	(26.4–37.2)
Utah County, Utah	806	28.1	1.8	(24.5–31.7)
Wasatch County, Utah	425	33.2	3.1	(27.1–39.3)
Weber County, Utah	632	35.2	2.2	(30.9–39.5)
Chittenden County, Vermont	1,257	31.1	1.6	(27.9–34.3)
Franklin County, Vermont	389	42.7	2.9	(37.0–48.4)
Orange County, Vermont	319	34.6	3.0	(28.8–40.4)
Rutland County, Vermont	626	40.4	2.3	(35.9–44.9)
Washington County, Vermont	619	33.8	2.2	(29.5–38.1)
Windsor County, Vermont	572	38.1	2.3	(33.5–42.7)
Benton County, Washington	359	42.9	3.3	(36.5–49.3)
Chelan County, Washington	250	36.5	3.6	(29.5–43.5)
Clark County, Washington	994	35.0	1.8	(31.4–38.6)
Douglas County, Washington	226	37.7	4.0	(29.8–45.6)
King County, Washington	2,789	37.1	1.1	(34.9–39.3)
Kitsap County, Washington	822	40.3	2.1	(36.3–44.3)
Pierce County, Washington	1,507	40.5	1.6	(37.4–43.6)
Skamania County, Washington	209	38.0	4.1	(29.9–46.1)
Snohomish County, Washington	1,464	38.2	1.6	(35.1–41.3)
Spokane County, Washington	1,052	43.9	1.9	(40.2–47.6)
Thurston County, Washington	696	36.2	2.1	(32.1–40.3)
Yakima County, Washington	604	45.5	2.5	(40.7–50.3)
Kanawha County, West Virginia	493	40.9	2.7	(35.6–46.2)
Milwaukee County, Wisconsin	540	41.5	3.3	(35.0–48.0)
Fremont County, Wyoming	432	36.6	2.7	(31.4–41.8)
Laramie County, Wyoming	826	34.5	2.1	(30.4–38.6)
Natrona County, Wyoming	661	38.6	2.3	(34.1–43.1)
<i>Median</i>		37.7		
<i>Range</i>		26.7–51.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Among those who reportedly had their blood cholesterol checked.

**TABLE 55. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,782	8.1	0.5	(7.1–9.1)
Alaska	2,429	4.9	0.6	(3.8–6.0)
Arizona	5,468	6.4	0.5	(5.4–7.4)
Arkansas	4,004	8.1	0.5	(7.1–9.1)
California	17,392	5.0	0.2	(4.6–5.4)
Colorado	11,945	4.5	0.2	(4.0–5.0)
Connecticut	6,494	5.0	0.3	(4.4–5.6)
Delaware	4,361	6.5	0.4	(5.6–7.4)
District of Columbia	3,900	3.1	0.3	(2.6–3.6)
Florida	12,039	7.5	0.4	(6.7–8.3)
Georgia	5,887	5.7	0.4	(4.8–6.6)
Hawaii	6,673	4.3	0.3	(3.7–4.9)
Idaho	5,382	5.8	0.3	(5.1–6.5)
Illinois	5,840	5.4	0.3	(4.8–6.0)
Indiana	9,276	7.3	0.3	(6.6–8.0)
Iowa	6,017	5.9	0.3	(5.3–6.5)
Kansas	18,899	6.0	0.2	(5.7–6.3)
Kentucky	9,639	9.0	0.4	(8.2–9.8)
Louisiana	8,879	7.4	0.3	(6.8–8.0)
Maine	8,079	6.8	0.3	(6.2–7.4)
Maryland	8,579	5.3	0.3	(4.7–5.9)
Massachusetts	16,706	6.0	0.2	(5.5–6.5)
Michigan	9,237	6.7	0.3	(6.2–7.2)
Minnesota	5,607	4.9	0.3	(4.4–5.4)
Mississippi	11,175	7.1	0.3	(6.6–7.6)
Missouri	5,053	6.4	0.4	(5.7–7.1)
Montana	7,610	5.8	0.3	(5.2–6.4)
Nebraska	15,963	5.5	0.2	(5.0–6.0)
Nevada	3,837	6.7	0.5	(5.7–7.7)
New Hampshire	5,984	5.3	0.3	(4.7–5.9)
New Jersey	12,374	5.7	0.3	(5.2–6.2)
New Mexico	8,825	5.2	0.3	(4.7–5.7)
New York	6,919	5.6	0.3	(5.0–6.2)
North Carolina	13,265	6.8	0.4	(6.0–7.6)
North Dakota	4,764	5.6	0.3	(5.0–6.2)
Ohio	9,760	6.6	0.3	(6.0–7.2)
Oklahoma	7,830	7.8	0.3	(7.2–8.4)
Oregon	4,292	5.7	0.4	(4.9–6.5)
Pennsylvania	9,166	7.0	0.3	(6.4–7.6)
Rhode Island	6,284	6.1	0.3	(5.4–6.8)
South Carolina	9,837	6.8	0.3	(6.1–7.5)
South Dakota	6,822	6.1	0.3	(5.5–6.7)
Tennessee	5,575	7.0	0.4	(6.2–7.8)
Texas	11,589	5.0	0.3	(4.5–5.5)
Utah	10,149	3.9	0.2	(3.5–4.3)
Vermont	6,661	5.4	0.3	(4.8–6.0)
Virginia	5,181	5.5	0.4	(4.8–6.2)
Washington	20,257	4.8	0.2	(4.5–5.1)
West Virginia	4,813	10.3	0.5	(9.4–11.2)
Wisconsin	4,549	5.8	0.4	(5.0–6.6)
Wyoming	6,056	6.2	0.4	(5.3–7.1)
Guam	1,266	3.3	0.5	(2.3–4.3)
Puerto Rico	4,236	9.1	0.5	(8.1–10.1)
Virgin Islands	2,507	2.5	0.4	(1.8–3.2)
<i>Median</i>		5.9		
<i>Range</i>		2.5–10.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack or myocardial infarction or angina.

**TABLE 56. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	778	6.7	1.2	(4.4–9.0)
Albuquerque, New Mexico	2,610	4.4	0.4	(3.6–5.2)
Alexandria, Louisiana	527	10.8	1.7	(7.5–14.1)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	865	6.1	1.2	(3.8–8.4)
Anchorage, Alaska	509	4.9	0.9	(3.0–6.8)
Asheville, North Carolina	845	6.1	0.8	(4.5–7.7)
Atlanta–Sandy Springs–Marietta, Georgia	2,336	4.1	0.4	(3.3–4.9)
Atlantic City–Hammonton, New Jersey	929	8.0	1.0	(6.1–9.9)
Augusta–Richmond County, Georgia–South Carolina	876	6.1	0.9	(4.2–8.0)
Augusta–Waterville, Maine	654	7.2	1.0	(5.2–9.2)
Austin–Round Rock, Texas	1,615	5.4	0.8	(3.9–6.9)
Baltimore–Towson, Maryland	3,110	5.3	0.5	(4.3–6.3)
Bangor, Maine	738	6.9	1.0	(5.0–8.8)
Barre, Vermont	691	5.9	0.9	(4.2–7.6)
Baton Rouge, Louisiana	1,209	6.2	0.7	(4.8–7.6)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,623	4.7	0.6	(3.5–5.9)
Billings, Montana	625	5.3	0.9	(3.6–7.0)
Birmingham–Hoover, Alabama	1,163	7.3	1.0	(5.3–9.3)
Bismarck, North Dakota	743	6.4	0.8	(4.8–8.0)
Boise City–Nampa, Idaho	1,285	5.2	0.6	(4.0–6.4)
Boston–Quincy, Massachusetts <sup>†</sup>	3,407	5.1	0.4	(4.3–5.9)
Bozeman, Montana	589	2.9	0.8	(1.4–4.4)
Bremerton–Silverdale, Washington	934	6.6	0.9	(4.8–8.4)
Bridgeport–Stamford–Norwalk, Connecticut	1,934	3.2	0.5	(2.3–4.1)
Buffalo–Niagara Falls, New York	552	6.2	1.0	(4.2–8.2)
Burlington–South Burlington, Vermont	1,931	4.7	0.6	(3.6–5.8)
Butte–Silver Bow, Montana	577	6.9	1.0	(4.9–8.9)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,077	4.7	0.4	(3.8–5.6)
Camden, New Jersey <sup>†</sup>	1,688	6.2	0.7	(4.8–7.6)
Canton–Massillon, Ohio	719	9.3	1.2	(6.9–11.7)
Casper, Wyoming	777	6.2	0.8	(4.7–7.7)
Cedar Rapids, Iowa	598	4.1	0.8	(2.6–5.6)
Charleston, West Virginia	855	8.9	0.9	(7.0–10.8)
Charleston–North Charleston–Summerville, South Carolina	1,195	4.1	0.6	(2.8–5.4)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,873	5.3	0.6	(4.1–6.5)
Chattanooga, Tennessee–Georgia	596	7.4	1.7	(4.1–10.7)
Cheyenne, Wyoming	944	6.9	0.9	(5.2–8.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,605	4.8	0.4	(4.1–5.5)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,729	6.1	0.9	(4.3–7.9)
Cleveland–Elyria–Mentor, Ohio	1,097	5.9	0.7	(4.6–7.2)
Colorado Springs, Colorado	1,182	4.7	0.6	(3.4–6.0)
Columbia, South Carolina	1,197	5.2	0.8	(3.6–6.8)
Columbus, Ohio	1,395	5.1	0.6	(4.0–6.2)
Concord, New Hampshire	632	5.8	1.1	(3.6–8.0)
Dallas–Plano–Irving, Texas <sup>†</sup>	589	3.5	0.9	(1.7–5.3)
Davenport–Moline–Rock Island, Iowa–Illinois	519	5.7	1.4	(3.0–8.4)
Dayton, Ohio	818	7.2	1.0	(5.2–9.2)
Denver–Aurora, Colorado	4,873	3.9	0.3	(3.4–4.4)
Des Moines–West Des Moines, Iowa	1,054	5.2	0.6	(3.9–6.5)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,069	6.2	0.6	(5.1–7.3)
Dover, Delaware	1,436	5.8	0.6	(4.6–7.0)
Durham, North Carolina	893	5.7	1.7	(2.3–9.1)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,263	5.1	0.5	(4.1–6.1)
El Paso, Texas	914	5.8	0.8	(4.2–7.4)
Evansville, Indiana–Kentucky	584	5.8	0.9	(4.0–7.6)
Fargo, North Dakota–Minnesota	810	3.7	0.9	(2.0–5.4)
Farmington, New Mexico	898	5.3	0.8	(3.8–6.8)
Fayetteville, North Carolina	544	7.6	1.2	(5.2–10.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	671	8.5	1.7	(5.1–11.9)
Fort Collins–Loveland, Colorado	586	3.0	0.7	(1.6–4.4)
Fort Wayne, Indiana	600	6.7	1.0	(4.7–8.7)
Fort Worth–Arlington, Texas <sup>†</sup>	600	5.0	0.8	(3.4–6.6)
Gallup, New Mexico	571	4.3	0.9	(2.5–6.1)

See table footnotes on page 179.

**TABLE 56. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	829	5.7	0.7	(4.3–7.1)
Grand Rapids–Wyoming, Michigan	645	5.2	0.8	(3.7–6.7)
Greeley, Colorado	508	4.7	0.8	(3.0–6.4)
Greensboro–High Point, North Carolina	826	5.8	0.8	(4.2–7.4)
Greenville–Mauldin–Easley, South Carolina	862	8.2	1.5	(5.3–11.1)
Gulfport–Biloxi, Mississippi	958	10.4	1.6	(7.3–13.5)
Hagerstown–Martinsburg, Maryland–West Virginia	620	7.9	1.1	(5.8–10.0)
Hartford–West Hartford–East Hartford, Connecticut	2,063	6.0	0.6	(4.9–7.1)
Hastings, Nebraska	580	7.0	1.0	(5.0–9.0)
Heber, Utah	528	4.2	1.0	(2.3–6.1)
Hickory–Lenoir–Morganton, North Carolina	794	7.0	0.9	(5.2–8.8)
Hilo, Hawaii	1,491	5.6	0.7	(4.2–7.0)
Hilton Head Island–Beaufort, South Carolina	807	5.1	0.8	(3.6–6.6)
Honolulu, Hawaii	3,000	3.9	0.4	(3.2–4.6)
Houma–Bayou Cane–Thibodaux, Louisiana	536	7.5	1.1	(5.4–9.6)
Houston–Sugar Land–Baytown, Texas	2,165	3.9	0.4	(3.0–4.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	696	11.6	1.5	(8.7–14.5)
Idaho Falls, Idaho	503	5.1	1.0	(3.2–7.0)
Indianapolis–Carmel, Indiana	2,214	6.2	0.7	(4.9–7.5)
Jackson, Mississippi	1,209	5.9	0.7	(4.5–7.3)
Jacksonville, Florida	1,080	8.0	1.1	(5.9–10.1)
Kahului–Wailuku, Hawaii	1,536	4.7	0.8	(3.2–6.2)
Kalispell, Montana	553	7.5	1.3	(5.0–10.0)
Kansas City, Missouri–Kansas	6,224	5.2	0.4	(4.4–6.0)
Kapaa, Hawaii	646	4.1	0.8	(2.5–5.7)
Kennewick–Pasco–Richland, Washington	663	3.8	0.7	(2.5–5.1)
Kingsport–Bristol–Bristol, Tennessee–Virginia	519	9.5	1.7	(6.2–12.8)
Lake Charles, Louisiana	623	7.4	1.2	(5.1–9.7)
Las Cruces, New Mexico	733	6.3	1.0	(4.3–8.3)
Las Vegas–Paradise, Nevada	1,224	6.4	0.7	(5.1–7.7)
Lawrence, Kansas	602	3.6	0.7	(2.2–5.0)
Lebanon, New Hampshire–Vermont	1,521	5.1	0.6	(4.0–6.2)
Lewiston, Idaho–Washington	541	5.2	0.9	(3.5–6.9)
Lincoln, Nebraska	1,058	4.7	0.6	(3.5–5.9)
Little Rock–North Little Rock–Conway, Arkansas	836	6.9	1.0	(5.0–8.8)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,170	5.0	0.5	(4.1–5.9)
Louisville/Jefferson County, Kentucky–Indiana	2,303	7.2	0.9	(5.4–9.0)
Lubbock, Texas	522	6.0	1.0	(4.0–8.0)
Manchester–Nashua, New Hampshire	1,433	5.2	0.7	(3.9–6.5)
Manhattan, Kansas	604	2.8	0.5	(1.8–3.8)
McAllen–Edinburg–Mission, Texas	539	5.1	0.8	(3.5–6.7)
Memphis, Tennessee–Mississippi–Arkansas	1,531	6.4	0.8	(4.8–8.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	851	6.7	1.0	(4.7–8.7)
Milwaukee–Waukesha–West Allis, Wisconsin	845	5.4	1.1	(3.3–7.5)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,126	3.7	0.3	(3.1–4.3)
Minot, North Dakota	540	5.9	1.0	(3.9–7.9)
Mobile, Alabama	713	7.9	1.2	(5.5–10.3)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	682	6.8	1.0	(4.8–8.8)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	6.4	1.0	(4.5–8.3)
Nassau–Suffolk, New York <sup>†</sup>	947	5.5	0.8	(3.9–7.1)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,371	5.4	0.5	(4.4–6.4)
New Haven–Milford, Connecticut	1,654	5.1	0.6	(4.0–6.2)
New Orleans–Metairie–Kenner, Louisiana	1,619	6.9	0.6	(5.7–8.1)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,434	5.0	0.4	(4.1–5.9)
Norfolk, Nebraska	630	5.2	0.8	(3.6–6.8)
North Platte, Nebraska	524	5.9	0.9	(4.1–7.7)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,314	4.0	0.6	(2.9–5.1)
Ocean City, New Jersey	511	6.7	1.1	(4.5–8.9)
Ogden–Clearfield, Utah	1,610	3.3	0.4	(2.5–4.1)
Oklahoma City, Oklahoma	2,301	6.8	0.6	(5.7–7.9)
Olympia, Washington	821	3.8	0.7	(2.5–5.1)
Omaha–Council Bluffs, Nebraska–Iowa	2,339	4.7	0.5	(3.8–5.6)
Orlando–Kissimmee, Florida	916	4.5	0.7	(3.2–5.8)

See table footnotes on page 179.



**TABLE 56. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	709	8.6	1.2	(6.2–11.0)
Peabody, Massachusetts†	2,307	6.6	0.8	(5.1–8.1)
Philadelphia, Pennsylvania†	1,675	6.0	0.6	(4.9–7.1)
Phoenix–Mesa–Scottsdale, Arizona	1,582	6.2	0.7	(4.8–7.6)
Pittsburgh, Pennsylvania	2,184	7.8	0.7	(6.5–9.1)
Portland–South Portland–Biddeford, Maine	2,660	5.8	0.4	(4.9–6.7)
Portland–Vancouver–Beaverton, Oregon–Washington	3,091	4.1	0.4	(3.4–4.8)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,261	6.2	0.3	(5.6–6.8)
Provo–Orem, Utah	1,143	2.6	0.4	(1.8–3.4)
Raleigh–Cary, North Carolina	1,015	4.5	0.6	(3.2–5.8)
Rapid City, South Dakota	1,005	6.4	0.8	(4.9–7.9)
Reno–Sparks, Nevada	1,283	6.0	0.7	(4.6–7.4)
Richmond, Virginia	811	3.8	0.7	(2.4–5.2)
Riverside–San Bernardino–Ontario, California	2,037	5.9	0.6	(4.7–7.1)
Riverton, Wyoming	502	8.3	2.5	(3.4–13.2)
Rochester, New York	566	5.9	0.9	(4.0–7.8)
Rockingham County–Strafford County, New Hampshire†	1,624	4.6	0.5	(3.6–5.6)
Rutland, Vermont	709	4.4	0.7	(3.1–5.7)
Sacramento–Arden–Arcade–Roseville, California	1,271	5.0	0.6	(3.7–6.3)
St. Louis, Missouri–Illinois	1,628	5.6	0.6	(4.4–6.8)
Salt Lake City, Utah	4,321	4.0	0.3	(3.4–4.6)
San Antonio, Texas	818	5.1	0.7	(3.7–6.5)
San Diego–Carlsbad–San Marcos, California	1,707	4.1	0.5	(3.2–5.0)
San Francisco–San Mateo–Redwood City, California†	1,039	3.7	0.7	(2.4–5.0)
San Jose–Sunnyvale–Santa Clara, California	912	3.6	0.8	(2.1–5.1)
Santa Ana–Anaheim–Irvine, California†	1,522	4.7	0.5	(3.6–5.8)
Santa Fe, New Mexico	771	3.4	0.6	(2.2–4.6)
Scottsbluff, Nebraska	772	8.0	1.2	(5.7–10.3)
Scranton–Wilkes-Barre, Pennsylvania	933	8.4	1.2	(6.0–10.8)
Seaford, Delaware	1,462	8.9	0.8	(7.4–10.4)
Seattle–Bellevue–Everett, Washington†	4,859	4.0	0.3	(3.4–4.6)
Shreveport–Bossier City, Louisiana	685	7.1	1.0	(5.1–9.1)
Sioux City, Iowa–Nebraska–South Dakota	1,157	3.9	0.9	(2.2–5.6)
Sioux Falls, South Dakota	855	4.9	0.7	(3.5–6.3)
Spokane, Washington	1,247	4.6	0.6	(3.5–5.7)
Springfield, Massachusetts	2,095	6.1	0.7	(4.8–7.4)
Tacoma, Washington†	1,759	5.6	0.6	(4.4–6.8)
Tallahassee, Florida	583	4.2	1.7	(0.9–7.5)
Tampa–St. Petersburg–Clearwater, Florida	867	7.9	1.0	(5.9–9.9)
Toledo, Ohio	842	6.8	0.9	(5.1–8.5)
Topeka, Kansas	1,944	5.3	0.5	(4.3–6.3)
Trenton–Ewing, New Jersey	509	5.5	1.0	(3.5–7.5)
Tucson, Arizona	688	5.1	0.8	(3.6–6.6)
Tulsa, Oklahoma	2,300	7.4	0.6	(6.3–8.5)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,055	5.2	0.7	(3.8–6.6)
Warren–Troy–Farmington Hills, Michigan†	1,812	6.5	0.6	(5.3–7.7)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,124	4.0	0.5	(3.1–4.9)
Wenatchee, Washington	566	5.8	1.0	(3.8–7.8)
Wichita, Kansas	3,910	6.4	0.4	(5.6–7.2)
Wilmington, Delaware–Maryland–New Jersey†	1,890	5.3	0.5	(4.3–6.3)
Wilmington, North Carolina	504	6.7	1.4	(3.9–9.5)
Worcester, Massachusetts	2,059	6.9	0.9	(5.2–8.6)
Yakima, Washington	789	6.2	0.8	(4.6–7.8)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	888	7.2	1.2	(4.9–9.5)
<i>Median</i>		5.7		
<i>Range</i>		2.6–11.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack or myocardial infarction or angina.

† Metropolitan division.

**TABLE 57. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	606	7.2	1.5	(4.3–10.1)
Mobile County, Alabama	713	7.9	1.2	(5.5–10.3)
Anchorage Municipality, Alaska	370	4.5	1.0	(2.5–6.5)
Maricopa County, Arizona	1,205	5.9	0.7	(4.5–7.3)
Pima County, Arizona	688	5.1	0.8	(3.6–6.6)
Pinal County, Arizona	377	10.0	2.5	(5.2–14.8)
Benton County, Arkansas	335	6.3	1.3	(3.8–8.8)
Pulaski County, Arkansas	551	8.0	1.4	(5.2–10.8)
Washington County, Arkansas	290	6.6	1.6	(3.5–9.7)
Alameda County, California	734	4.3	0.9	(2.6–6.0)
Contra Costa County, California	580	4.0	0.8	(2.5–5.5)
Los Angeles County, California	2,170	5.0	0.5	(4.1–5.9)
Orange County, California	1,522	4.7	0.5	(3.6–5.8)
Riverside County, California	1,091	5.2	0.6	(3.9–6.5)
Sacramento County, California	767	4.2	0.7	(2.9–5.5)
San Bernardino County, California	946	6.3	1.0	(4.3–8.3)
San Diego County, California	1,707	4.1	0.5	(3.2–5.0)
San Francisco County, California	443	2.7	0.8	(1.2–4.2)
San Mateo County, California	391	4.9	1.2	(2.5–7.3)
Santa Clara County, California	888	3.7	0.8	(2.1–5.3)
Adams County, Colorado	870	4.5	0.7	(3.1–5.9)
Arapahoe County, Colorado	899	3.3	0.6	(2.2–4.4)
Denver County, Colorado	913	4.0	0.6	(2.8–5.2)
Douglas County, Colorado	575	2.7	0.7	(1.4–4.0)
El Paso County, Colorado	1,031	4.6	0.7	(3.3–5.9)
Jefferson County, Colorado	1,142	4.5	0.6	(3.2–5.8)
Larimer County, Colorado	586	3.0	0.7	(1.6–4.4)
Weld County, Colorado	508	4.7	0.9	(3.0–6.4)
Fairfield County, Connecticut	1,934	3.2	0.5	(2.3–4.1)
Hartford County, Connecticut	1,497	5.9	0.7	(4.6–7.2)
Middlesex County, Connecticut	269	7.5	1.5	(4.5–10.5)
New Haven County, Connecticut	1,654	5.1	0.6	(4.0–6.2)
Tolland County, Connecticut	297	6.2	1.7	(2.9–9.5)
Kent County, Delaware	1,436	5.8	0.6	(4.6–7.0)
New Castle County, Delaware	1,463	5.6	0.6	(4.4–6.8)
Sussex County, Delaware	1,462	8.9	0.8	(7.4–10.4)
District of Columbia	3,900	3.4	0.3	(2.8–4.0)
Broward County, Florida	269	7.0	2.1	(2.9–11.1)
Duval County, Florida	506	7.9	1.4	(5.1–10.7)
Hillsborough County, Florida	283	7.0	1.7	(3.6–10.4)
Miami–Dade County, Florida	282	6.6	1.6	(3.4–9.8)
Orange County, Florida	301	3.7	0.9	(1.9–5.5)
Osceola County, Florida	289	4.9	1.3	(2.4–7.4)
Palm Beach County, Florida	300	7.7	1.6	(4.5–10.9)
Pinellas County, Florida	276	9.5	1.9	(5.8–13.2)
Clayton County, Georgia	255	7.1	2.2	(2.8–11.4)
Cobb County, Georgia	286	3.6	0.9	(1.8–5.4)
DeKalb County, Georgia	308	3.4	0.9	(1.7–5.1)
Fulton County, Georgia	335	3.9	1.0	(2.0–5.8)
Hawaii County, Hawaii	1,491	5.6	0.7	(4.2–7.0)
Honolulu County, Hawaii	3,000	3.9	0.4	(3.2–4.6)
Kauai County, Hawaii	646	4.1	0.8	(2.5–5.7)
Maui County, Hawaii	1,536	4.7	0.8	(3.2–6.2)
Ada County, Idaho	679	4.4	0.8	(2.8–6.0)
Bonneville County, Idaho	389	4.9	1.1	(2.8–7.0)
Canyon County, Idaho	462	6.4	1.2	(4.1–8.7)
Nez Perce County, Idaho	301	5.6	1.2	(3.2–8.0)
Cook County, Illinois	1,894	4.8	0.5	(3.8–5.8)
DuPage County, Illinois	393	4.1	0.9	(2.3–5.9)
Lake County, Illinois	302	5.2	1.4	(2.4–8.0)
Will County, Illinois	300	4.4	1.3	(1.9–6.9)
Allen County, Indiana	503	7.2	1.1	(5.0–9.4)
Lake County, Indiana	985	6.2	1.1	(4.0–8.4)

See table footnotes on page 184.

**TABLE 57. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,511	7.5	1.1	(5.3–9.7)
Vanderburgh County, Indiana	257	6.5	1.5	(3.5–9.5)
Linn County, Iowa	522	4.1	0.7	(2.6–5.6)
Polk County, Iowa	805	4.6	0.7	(3.3–5.9)
Scott County, Iowa	370	5.7	1.2	(3.3–8.1)
Butler County, Kansas	443	7.7	1.4	(5.0–10.4)
Douglas County, Kansas	602	3.6	0.7	(2.2–5.0)
Johnson County, Kansas	3,224	3.9	0.3	(3.3–4.5)
Leavenworth County, Kansas	465	6.0	1.0	(4.1–7.9)
Riley County, Kansas	285	2.9	0.8	(1.4–4.4)
Sedgwick County, Kansas	3,029	6.1	0.4	(5.3–6.9)
Shawnee County, Kansas	1,409	4.6	0.5	(3.5–5.7)
Wyandotte County, Kansas	1,081	7.2	0.9	(5.4–9.0)
Jefferson County, Kentucky	1,796	6.9	1.1	(4.8–9.0)
Caddo Parish, Louisiana	438	6.5	1.1	(4.3–8.7)
Calcasieu Parish, Louisiana	606	7.5	1.2	(5.2–9.8)
East Baton Rouge Parish, Louisiana	721	6.4	0.9	(4.7–8.1)
Jefferson Parish, Louisiana	562	6.8	1.1	(4.7–8.9)
Orleans Parish, Louisiana	381	5.5	1.1	(3.3–7.7)
Rapides Parish, Louisiana	457	10.6	1.8	(7.1–14.1)
St. Tammany Parish, Louisiana	427	8.6	1.4	(5.8–11.4)
Terrebonne Parish, Louisiana	299	7.9	1.4	(5.1–10.7)
Cumberland County, Maine	1,349	5.3	0.6	(4.1–6.5)
Kennebec County, Maine	654	7.2	1.0	(5.2–9.2)
Penobscot County, Maine	738	6.9	1.0	(5.0–8.8)
Sagadahoc County, Maine	343	4.8	1.0	(2.8–6.8)
York County, Maine	968	6.6	0.8	(5.1–8.1)
Anne Arundel County, Maryland	559	4.2	0.8	(2.5–5.9)
Baltimore County, Maryland	987	5.7	0.8	(4.2–7.2)
Cecil County, Maryland	249	5.3	1.4	(2.5–8.1)
Charles County, Maryland	316	6.1	1.6	(2.9–9.3)
Frederick County, Maryland	549	4.7	0.9	(3.0–6.4)
Harford County, Maryland	259	5.7	1.4	(2.9–8.5)
Howard County, Maryland	341	2.6	0.8	(1.0–4.2)
Montgomery County, Maryland	1,074	4.6	0.7	(3.3–5.9)
Prince George's County, Maryland	640	4.9	0.9	(3.1–6.7)
Queen Anne's County, Maryland	264	5.1	1.4	(2.4–7.8)
Washington County, Maryland	361	5.0	1.0	(3.1–6.9)
Baltimore City, Maryland	514	6.3	1.5	(3.4–9.2)
Bristol County, Massachusetts	2,977	6.7	0.8	(5.2–8.2)
Essex County, Massachusetts	2,307	6.5	0.7	(5.0–8.0)
Hampden County, Massachusetts	1,614	6.4	0.8	(4.8–8.0)
Hampshire County, Massachusetts	294	5.6	1.2	(3.2–8.0)
Middlesex County, Massachusetts	3,077	4.7	0.4	(3.9–5.5)
Norfolk County, Massachusetts	945	5.3	0.7	(3.9–6.7)
Plymouth County, Massachusetts	665	5.1	0.8	(3.6–6.6)
Suffolk County, Massachusetts	1,797	5.1	0.6	(3.9–6.3)
Worcester County, Massachusetts	2,059	6.9	0.9	(5.2–8.6)
Kent County, Michigan	466	4.2	0.8	(2.7–5.7)
Macomb County, Michigan	530	5.9	0.9	(4.0–7.8)
Oakland County, Michigan	947	6.2	0.8	(4.5–7.9)
Wayne County, Michigan	2,069	6.2	0.6	(5.1–7.3)
Anoka County, Minnesota	293	5.9	1.4	(3.2–8.6)
Dakota County, Minnesota	381	2.8	0.9	(1.0–4.6)
Hennepin County, Minnesota	1,139	3.8	0.5	(2.8–4.8)
Ramsey County, Minnesota	530	6.3	1.2	(3.9–8.7)
DeSoto County, Mississippi	630	4.9	0.8	(3.3–6.5)
George County, Mississippi	378	10.6	1.8	(7.2–14.0)
Hancock County, Mississippi	339	9.4	1.7	(6.0–12.8)
Harrison County, Mississippi	290	10.5	2.0	(6.6–14.4)
Hinds County, Mississippi	506	5.7	1.1	(3.6–7.8)
Jackson County, Mississippi	331	8.2	1.4	(5.4–11.0)
Rankin County, Mississippi	332	7.6	1.6	(4.4–10.8)

See table footnotes on page 184.

**TABLE 57. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	329	6.2	1.2	(3.8–8.6)
Jackson County, Missouri	491	5.4	1.0	(3.5–7.3)
St. Louis County, Missouri	483	6.1	1.4	(3.4–8.8)
St. Louis City, Missouri	490	6.0	1.0	(4.0–8.0)
Flathead County, Montana	553	7.5	1.3	(5.0–10.0)
Gallatin County, Montana	589	2.9	0.8	(1.4–4.4)
Silver Bow County, Montana	577	6.9	1.0	(4.9–8.9)
Yellowstone County, Montana	575	5.3	0.9	(3.5–7.1)
Adams County, Nebraska	445	6.8	1.1	(4.6–9.0)
Dakota County, Nebraska	712	4.7	0.7	(3.3–6.1)
Douglas County, Nebraska	931	4.2	0.6	(3.1–5.3)
Hall County, Nebraska	596	5.3	0.8	(3.7–6.9)
Lancaster County, Nebraska	782	4.6	0.7	(3.3–5.9)
Lincoln County, Nebraska	494	6.2	1.0	(4.3–8.1)
Madison County, Nebraska	418	6.3	1.1	(4.1–8.5)
Sarpy County, Nebraska	585	4.3	0.8	(2.7–5.9)
Scotts Bluff County, Nebraska	756	7.6	1.1	(5.5–9.7)
Seward County, Nebraska	276	6.9	1.8	(3.4–10.4)
Clark County, Nevada	1,224	6.4	0.7	(5.1–7.7)
Washoe County, Nevada	1,254	6.1	0.7	(4.7–7.5)
Grafton County, New Hampshire	514	5.0	1.0	(3.1–6.9)
Hillsborough County, New Hampshire	1,433	5.2	0.7	(3.9–6.5)
Merrimack County, New Hampshire	632	5.8	1.1	(3.6–8.0)
Rockingham County, New Hampshire	1,000	4.2	0.6	(3.1–5.3)
Strafford County, New Hampshire	624	5.8	1.1	(3.7–7.9)
Atlantic County, New Jersey	929	8.0	1.0	(6.1–9.9)
Bergen County, New Jersey	633	6.0	1.3	(3.5–8.5)
Burlington County, New Jersey	554	6.0	1.1	(3.9–8.1)
Camden County, New Jersey	622	7.0	1.2	(4.6–9.4)
Cape May County, New Jersey	511	6.7	1.1	(4.5–8.9)
Essex County, New Jersey	1,068	5.2	0.9	(3.4–7.0)
Gloucester County, New Jersey	512	5.0	0.9	(3.2–6.8)
Hudson County, New Jersey	1,008	5.4	0.8	(3.8–7.0)
Hunterdon County, New Jersey	540	3.8	0.9	(2.1–5.5)
Mercer County, New Jersey	509	5.5	1.0	(3.5–7.5)
Middlesex County, New Jersey	622	5.3	1.0	(3.4–7.2)
Monmouth County, New Jersey	555	3.8	0.8	(2.3–5.3)
Morris County, New Jersey	715	5.2	1.0	(3.3–7.1)
Ocean County, New Jersey	528	7.6	1.2	(5.2–10.0)
Passaic County, New Jersey	499	6.7	1.4	(4.0–9.4)
Somerset County, New Jersey	558	3.2	0.7	(1.9–4.5)
Sussex County, New Jersey	485	5.3	1.1	(3.2–7.4)
Union County, New Jersey	527	5.3	1.1	(3.2–7.4)
Warren County, New Jersey	481	6.4	1.2	(4.0–8.8)
Bernalillo County, New Mexico	1,476	4.2	0.5	(3.3–5.1)
Dona Ana County, New Mexico	733	6.3	1.0	(4.3–8.3)
McKinley County, New Mexico	571	4.3	0.9	(2.5–6.1)
Sandoval County, New Mexico	650	3.7	0.7	(2.3–5.1)
San Juan County, New Mexico	898	5.3	0.8	(3.8–6.8)
Santa Fe County, New Mexico	771	3.4	0.6	(2.2–4.6)
Valencia County, New Mexico	390	6.3	1.3	(3.8–8.8)
Erie County, New York	452	5.9	1.1	(3.8–8.0)
Kings County, New York	451	4.9	1.1	(2.7–7.1)
Monroe County, New York	381	5.1	1.0	(3.1–7.1)
Nassau County, New York	441	7.0	1.7	(3.6–10.4)
New York County, New York	527	3.4	0.8	(1.9–4.9)
Queens County, New York	483	4.6	1.0	(2.7–6.5)
Suffolk County, New York	506	4.6	0.9	(2.8–6.4)
Westchester County, New York	344	4.8	1.1	(2.6–7.0)
Buncombe County, North Carolina	399	6.8	1.3	(4.2–9.4)
Cabarrus County, North Carolina	350	3.8	1.0	(1.8–5.8)
Catawba County, North Carolina	367	5.5	1.1	(3.3–7.7)
Cumberland County, North Carolina	384	7.7	1.4	(5.0–10.4)

See table footnotes on page 184.

**TABLE 57. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	417	5.2	1.6	(2.0–8.4)
Gaston County, North Carolina	351	7.6	1.6	(4.5–10.7)
Guilford County, North Carolina	426	7.6	1.3	(5.0–10.2)
Henderson County, North Carolina	260	6.7	1.5	(3.8–9.6)
Johnston County, North Carolina	371	6.7	1.3	(4.2–9.2)
Mecklenburg County, North Carolina	617	4.3	0.9	(2.5–6.1)
New Hanover County, North Carolina	413	7.5	1.6	(4.3–10.7)
Orange County, North Carolina	370	2.5	0.9	(0.8–4.2)
Randolph County, North Carolina	358	5.7	1.2	(3.3–8.1)
Union County, North Carolina	368	5.0	1.3	(2.5–7.5)
Wake County, North Carolina	604	3.7	0.7	(2.3–5.1)
Burleigh County, North Dakota	566	5.7	0.8	(4.1–7.3)
Cass County, North Dakota	751	3.1	0.6	(1.9–4.3)
Ward County, North Dakota	467	5.6	1.1	(3.5–7.7)
Cuyahoga County, Ohio	692	6.2	0.8	(4.6–7.8)
Franklin County, Ohio	662	5.5	0.9	(3.8–7.2)
Hamilton County, Ohio	695	4.5	0.8	(3.0–6.0)
Lucas County, Ohio	684	7.1	0.9	(5.3–8.9)
Mahoning County, Ohio	683	8.1	1.2	(5.7–10.5)
Montgomery County, Ohio	679	8.1	1.1	(5.9–10.3)
Stark County, Ohio	686	8.4	1.1	(6.3–10.5)
Summit County, Ohio	680	6.0	1.1	(3.9–8.1)
Canadian County, Oklahoma	267	5.6	1.2	(3.2–8.0)
Cleveland County, Oklahoma	422	5.8	1.0	(3.8–7.8)
Oklahoma County, Oklahoma	1,223	7.1	0.9	(5.4–8.8)
Tulsa County, Oklahoma	1,583	6.3	0.6	(5.2–7.4)
Clackamas County, Oregon	434	5.1	1.0	(3.1–7.1)
Multnomah County, Oregon	650	3.4	0.6	(2.2–4.6)
Washington County, Oregon	442	3.9	0.8	(2.3–5.5)
Allegheny County, Pennsylvania	709	7.2	1.0	(5.3–9.1)
Bucks County, Pennsylvania	305	6.1	1.3	(3.6–8.6)
Delaware County, Pennsylvania	260	5.3	1.2	(2.9–7.7)
Fayette County, Pennsylvania	815	8.1	1.3	(5.6–10.6)
Luzerne County, Pennsylvania	777	7.4	1.0	(5.4–9.4)
Montgomery County, Pennsylvania	392	4.8	1.1	(2.6–7.0)
Philadelphia County, Pennsylvania	491	7.2	1.1	(5.0–9.4)
Westmoreland County, Pennsylvania	253	12.3	2.3	(7.8–16.8)
Kent County, Rhode Island	859	8.2	1.0	(6.2–10.2)
Newport County, Rhode Island	475	7.1	1.4	(4.4–9.8)
Providence County, Rhode Island	4,004	5.9	0.4	(5.1–6.7)
Washington County, Rhode Island	699	3.8	0.7	(2.4–5.2)
Aiken County, South Carolina	463	6.9	1.3	(4.4–9.4)
Beaufort County, South Carolina	687	5.0	0.8	(3.4–6.6)
Berkeley County, South Carolina	363	4.9	1.4	(2.1–7.7)
Charleston County, South Carolina	692	4.0	0.9	(2.2–5.8)
Greenville County, South Carolina	543	7.9	1.7	(4.5–11.3)
Horry County, South Carolina	682	6.8	1.0	(4.8–8.8)
Richland County, South Carolina	739	4.3	1.0	(2.3–6.3)
Minnehaha County, South Dakota	609	4.8	0.8	(3.2–6.4)
Pennington County, South Dakota	793	7.1	0.9	(5.3–8.9)
Davidson County, Tennessee	436	4.7	1.0	(2.8–6.6)
Hamilton County, Tennessee	438	5.1	1.0	(3.1–7.1)
Shelby County, Tennessee	375	7.6	1.5	(4.7–10.5)
Sullivan County, Tennessee	363	8.4	1.7	(5.1–11.7)
Bexar County, Texas	675	5.0	0.7	(3.6–6.4)
Dallas County, Texas	310	4.4	1.3	(1.8–7.0)
El Paso County, Texas	914	5.8	0.8	(4.2–7.4)
Fort Bend County, Texas	695	4.1	1.0	(2.0–6.2)
Harris County, Texas	1,152	3.9	0.5	(2.9–4.9)
Hidalgo County, Texas	539	5.1	0.8	(3.5–6.7)
Lubbock County, Texas	506	6.0	1.1	(3.9–8.1)
Tarrant County, Texas	487	4.4	0.9	(2.7–6.1)
Travis County, Texas	930	6.2	1.2	(3.8–8.6)

See table footnotes on page 184.

**TABLE 57. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	600	4.2	0.9	(2.5–5.9)
Davis County, Utah	802	2.0	0.4	(1.2–2.8)
Salt Lake County, Utah	3,322	4.0	0.3	(3.3–4.7)
Summit County, Utah	499	1.6	0.5	(0.6–2.6)
Tooele County, Utah	500	4.6	1.0	(2.7–6.5)
Utah County, Utah	1,086	2.6	0.4	(1.8–3.4)
Wasatch County, Utah	528	4.2	1.0	(2.3–6.1)
Weber County, Utah	773	4.9	0.7	(3.5–6.3)
Chittenden County, Vermont	1,407	4.0	0.6	(2.9–5.1)
Franklin County, Vermont	443	6.6	1.3	(4.1–9.1)
Orange County, Vermont	358	4.7	1.1	(2.6–6.8)
Rutland County, Vermont	709	4.4	0.7	(3.1–5.7)
Washington County, Vermont	691	5.9	0.9	(4.2–7.6)
Windsor County, Vermont	649	5.6	0.9	(3.8–7.4)
Benton County, Washington	422	3.4	0.7	(2.0–4.8)
Chelan County, Washington	300	5.3	1.3	(2.8–7.8)
Clark County, Washington	1,136	4.8	0.6	(3.5–6.1)
Douglas County, Washington	266	6.6	1.6	(3.4–9.8)
King County, Washington	3,196	3.7	0.3	(3.1–4.3)
Kitsap County, Washington	934	6.6	0.9	(4.8–8.4)
Pierce County, Washington	1,759	5.0	0.5	(4.0–6.0)
Skamania County, Washington	254	6.1	1.9	(2.4–9.8)
Snohomish County, Washington	1,663	5.2	0.6	(4.0–6.4)
Spokane County, Washington	1,247	4.6	0.6	(3.5–5.7)
Thurston County, Washington	821	3.8	0.7	(2.5–5.1)
Yakima County, Washington	789	6.2	0.8	(4.6–7.8)
Kanawha County, West Virginia	555	8.2	1.1	(6.0–10.4)
Milwaukee County, Wisconsin	627	5.4	1.4	(2.7–8.1)
Fremont County, Wyoming	502	8.3	2.5	(3.4–13.2)
Laramie County, Wyoming	944	6.9	0.9	(5.2–8.6)
Natrona County, Wyoming	777	6.2	0.8	(4.7–7.7)
<i>Median</i>		5.5		
<i>Range</i>		1.6–12.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack or myocardial infarction or angina.



**TABLE 58. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,779	3.9	0.3	(3.3–4.5)
Alaska	2,423	1.9	0.3	(1.3–2.5)
Arizona	5,464	2.6	0.2	(2.1–3.1)
Arkansas	3,998	3.6	0.3	(3.0–4.2)
California	17,379	2.3	0.1	(2.0–2.6)
Colorado	11,924	1.4	0.1	(1.2–1.6)
Connecticut	6,479	1.6	0.1	(1.3–1.9)
Delaware	4,350	2.7	0.3	(2.1–3.3)
District of Columbia	3,896	2.6	0.2	(2.1–3.1)
Florida	12,007	3.0	0.2	(2.6–3.4)
Georgia	5,879	2.3	0.2	(1.9–2.7)
Hawaii	6,662	2.5	0.2	(2.1–2.9)
Idaho	5,372	2.5	0.2	(2.0–3.0)
Illinois	5,835	2.4	0.2	(2.0–2.8)
Indiana	9,261	2.6	0.2	(2.2–3.0)
Iowa	6,007	2.4	0.2	(2.0–2.8)
Kansas	18,866	2.6	0.1	(2.4–2.8)
Kentucky	9,620	3.7	0.3	(3.1–4.3)
Louisiana	8,869	3.3	0.2	(2.9–3.7)
Maine	8,058	2.4	0.2	(2.1–2.7)
Maryland	8,570	2.3	0.2	(2.0–2.6)
Massachusetts	16,676	1.9	0.1	(1.7–2.1)
Michigan	9,227	2.6	0.2	(2.3–2.9)
Minnesota	5,601	2.3	0.3	(1.8–2.8)
Mississippi	11,160	3.7	0.2	(3.3–4.1)
Missouri	5,043	3.0	0.3	(2.5–3.5)
Montana	7,597	2.4	0.2	(2.0–2.8)
Nebraska	15,944	2.3	0.2	(2.0–2.6)
Nevada	3,828	2.4	0.3	(1.8–3.0)
New Hampshire	5,973	2.0	0.2	(1.6–2.4)
New Jersey	12,356	2.0	0.2	(1.7–2.3)
New Mexico	8,813	2.3	0.2	(2.0–2.6)
New York	6,902	2.4	0.2	(1.9–2.9)
North Carolina	13,245	2.7	0.2	(2.4–3.0)
North Dakota	4,756	2.9	0.3	(2.4–3.4)
Ohio	9,744	3.1	0.2	(2.7–3.5)
Oklahoma	7,817	3.9	0.2	(3.5–4.3)
Oregon	4,286	3.2	0.4	(2.5–3.9)
Pennsylvania	9,154	2.5	0.2	(2.2–2.8)
Rhode Island	6,279	2.4	0.2	(1.9–2.9)
South Carolina	9,833	3.1	0.2	(2.7–3.5)
South Dakota	6,812	2.3	0.2	(1.9–2.7)
Tennessee	5,566	3.0	0.3	(2.5–3.5)
Texas	11,569	2.2	0.2	(1.9–2.5)
Utah	10,127	2.1	0.2	(1.8–2.4)
Vermont	6,650	1.9	0.2	(1.6–2.2)
Virginia	5,168	2.2	0.2	(1.8–2.6)
Washington	20,222	2.2	0.1	(2.0–2.4)
West Virginia	4,802	3.7	0.3	(3.2–4.2)
Wisconsin	4,539	2.2	0.2	(1.7–2.7)
Wyoming	6,043	2.4	0.2	(2.0–2.8)
Guam	1,263	2.1	0.5	(1.2–3.0)
Puerto Rico	4,232	1.8	0.2	(1.4–2.2)
Virgin Islands	2,502	1.8	0.3	(1.2–2.4)
<i>Median</i>		2.4		
<i>Range</i>		1.4–3.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 59. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	776	2.6	0.5	(1.5–3.7)
Albuquerque, New Mexico	2,604	2.1	0.3	(1.6–2.6)
Alexandria, Louisiana	526	3.8	1.0	(1.9–5.7)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	861	0.9	0.4	(0.1–1.7)
Anchorage, Alaska	511	1.2	0.5	(0.3–2.1)
Asheville, North Carolina	846	2.2	0.5	(1.3–3.1)
Atlanta–Sandy Springs–Marietta, Georgia	2,334	1.9	0.3	(1.3–2.5)
Atlantic City–Hammonton, New Jersey	928	2.4	0.5	(1.4–3.4)
Augusta–Richmond County, Georgia–South Carolina	874	2.9	0.5	(1.9–3.9)
Augusta–Waterville, Maine	653	2.0	0.4	(1.1–2.9)
Austin–Round Rock, Texas	1,611	1.8	0.4	(1.0–2.6)
Baltimore–Towson, Maryland	3,105	2.6	0.3	(2.0–3.2)
Bangor, Maine	734	2.5	0.5	(1.6–3.4)
Barre, Vermont	688	2.3	0.6	(1.2–3.4)
Baton Rouge, Louisiana	1,210	3.3	0.5	(2.3–4.3)
Bethesda–Frederick–Gaithersburg, Maryland*	1,620	1.6	0.3	(1.0–2.2)
Billings, Montana	625	3.1	0.6	(1.9–4.3)
Birmingham–Hoover, Alabama	1,162	3.1	0.5	(2.2–4.0)
Bismarck, North Dakota	740	2.8	0.5	(1.8–3.8)
Boise City–Nampa, Idaho	1,280	2.6	0.5	(1.5–3.7)
Boston–Quincy, Massachusetts*	3,403	2.0	0.3	(1.5–2.5)
Bozeman, Montana	589	1.4	0.4	(0.7–2.1)
Bremerton–Silverdale, Washington	934	2.6	0.5	(1.5–3.7)
Bridgeport–Stamford–Norwalk, Connecticut	1,931	1.4	0.3	(0.9–1.9)
Buffalo–Niagara Falls, New York	548	2.9	0.6	(1.7–4.1)
Burlington–South Burlington, Vermont	1,931	1.8	0.3	(1.2–2.4)
Butte–Silver Bow, Montana	576	1.9	0.5	(1.0–2.8)
Cambridge–Newton–Framingham, Massachusetts*	3,074	1.3	0.2	(0.9–1.7)
Camden, New Jersey*	1,687	2.2	0.4	(1.4–3.0)
Canton–Massillon, Ohio	714	3.8	0.8	(2.2–5.4)
Casper, Wyoming	775	3.1	0.6	(2.0–4.2)
Cedar Rapids, Iowa	598	1.2	0.3	(0.5–1.9)
Charleston, West Virginia	854	4.7	0.7	(3.3–6.1)
Charleston–North Charleston–Summerville, South Carolina	1,195	2.4	0.5	(1.5–3.3)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,870	2.0	0.4	(1.3–2.7)
Chattanooga, Tennessee–Georgia	596	2.1	0.7	(0.8–3.4)
Cheyenne, Wyoming	940	2.5	0.5	(1.5–3.5)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,605	2.2	0.3	(1.7–2.7)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,729	2.8	0.4	(1.9–3.7)
Cleveland–Elyria–Mentor, Ohio	1,091	2.7	0.7	(1.4–4.0)
Colorado Springs, Colorado	1,180	1.3	0.3	(0.8–1.8)
Columbia, South Carolina	1,196	2.4	0.5	(1.4–3.4)
Columbus, Ohio	1,394	3.7	0.6	(2.6–4.8)
Concord, New Hampshire	630	2.9	0.9	(1.1–4.7)
Dallas–Plano–Irving, Texas*	590	1.4	0.4	(0.6–2.2)
Davenport–Moline–Rock Island, Iowa–Illinois	519	3.6	0.8	(2.0–5.2)
Dayton, Ohio	818	2.7	0.5	(1.7–3.7)
Denver–Aurora, Colorado	4,864	1.3	0.1	(1.0–1.6)
Des Moines–West Des Moines, Iowa	1,056	1.7	0.4	(1.0–2.4)
Detroit–Livonia–Dearborn, Michigan*	2,072	3.3	0.4	(2.5–4.1)
Dover, Delaware	1,433	3.0	0.6	(1.9–4.1)
Durham, North Carolina	893	1.8	0.4	(0.9–2.7)
Edison–New Brunswick, New Jersey*	2,255	1.5	0.3	(1.0–2.0)
El Paso, Texas	914	1.7	0.4	(0.9–2.5)
Evansville, Indiana–Kentucky	582	2.9	0.9	(1.2–4.6)
Fargo, North Dakota–Minnesota	809	NA <sup>†</sup>	NA	NA
Farmington, New Mexico	897	2.1	0.5	(1.0–3.2)
Fayetteville, North Carolina	542	3.4	0.8	(1.8–5.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	670	1.9	0.5	(0.9–2.9)
Fort Collins–Loveland, Colorado	585	2.2	0.6	(1.1–3.3)
Fort Wayne, Indiana	600	2.8	0.7	(1.5–4.1)
Fort Worth–Arlington, Texas*	600	2.5	0.6	(1.3–3.7)
Gallup, New Mexico	570	2.0	0.7	(0.6–3.4)

See table footnotes on page 189.

**TABLE 59. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	825	2.0	0.4	(1.2–2.8)
Grand Rapids–Wyoming, Michigan	643	1.6	0.5	(0.6–2.6)
Greeley, Colorado	508	1.3	0.5	(0.4–2.2)
Greensboro–High Point, North Carolina	826	3.1	0.8	(1.6–4.6)
Greenville–Mauldin–Easley, South Carolina	862	2.3	0.5	(1.2–3.4)
Gulfport–Biloxi, Mississippi	957	5.9	1.2	(3.6–8.2)
Hagerstown–Martinsburg, Maryland–West Virginia	620	1.6	0.4	(0.8–2.4)
Hartford–West Hartford–East Hartford, Connecticut	2,060	1.9	0.3	(1.3–2.5)
Hastings, Nebraska	580	3.0	0.6	(1.8–4.2)
Heber, Utah	526	0.8	0.3	(0.2–1.4)
Hickory–Lenoir–Morganton, North Carolina	792	3.3	0.7	(1.9–4.7)
Hilo, Hawaii	1,488	2.4	0.4	(1.6–3.2)
Hilton Head Island–Beaufort, South Carolina	806	2.2	0.5	(1.3–3.1)
Honolulu, Hawaii	2,995	2.5	0.3	(1.9–3.1)
Houma–Bayou Cane–Thibodaux, Louisiana	535	3.4	0.9	(1.6–5.2)
Houston–Sugar Land–Baytown, Texas	2,160	1.6	0.3	(1.1–2.1)
Huntington–Ashland, West Virginia–Kentucky–Ohio	695	3.3	0.7	(2.0–4.6)
Idaho Falls, Idaho	501	1.6	0.5	(0.7–2.5)
Indianapolis–Carmel, Indiana	2,209	3.0	0.5	(2.1–3.9)
Jackson, Mississippi	1,208	3.1	0.5	(2.1–4.1)
Jacksonville, Florida	1,077	3.2	0.7	(1.9–4.5)
Kahului–Wailuku, Hawaii	1,534	2.3	0.5	(1.3–3.3)
Kalispell, Montana	551	1.6	0.5	(0.6–2.6)
Kansas City, Missouri–Kansas	6,216	2.6	0.3	(2.0–3.2)
Kapaa, Hawaii	645	1.9	0.5	(0.9–2.9)
Kennewick–Pasco–Richland, Washington	658	2.0	0.5	(0.9–3.1)
Kingsport–Bristol–Bristol, Tennessee–Virginia	515	2.5	1.0	(0.6–4.4)
Lake Charles, Louisiana	623	4.4	0.9	(2.6–6.2)
Las Cruces, New Mexico	731	1.6	0.5	(0.7–2.5)
Las Vegas–Paradise, Nevada	1,217	2.3	0.4	(1.6–3.0)
Lawrence, Kansas	598	1.5	0.4	(0.7–2.3)
Lebanon, New Hampshire–Vermont	1,516	2.3	0.4	(1.6–3.0)
Lewiston, Idaho–Washington	540	1.8	0.5	(0.9–2.7)
Lincoln, Nebraska	1,060	2.0	0.4	(1.2–2.8)
Little Rock–North Little Rock–Conway, Arkansas	834	3.7	0.7	(2.4–5.0)
Los Angeles–Long Beach–Glendale, California*	2,170	2.4	0.4	(1.7–3.1)
Louisville/Jefferson County, Kentucky–Indiana	2,297	3.2	1.0	(1.2–5.2)
Lubbock, Texas	521	2.3	0.6	(1.2–3.4)
Manchester–Nashua, New Hampshire	1,434	2.3	0.5	(1.4–3.2)
Manhattan, Kansas	603	1.7	0.4	(0.9–2.5)
McAllen–Edinburg–Mission, Texas	539	1.7	0.4	(0.9–2.5)
Memphis, Tennessee–Mississippi–Arkansas	1,528	3.1	0.6	(1.9–4.3)
Miami–Fort Lauderdale–Pompano Beach, Florida	849	2.9	0.7	(1.5–4.3)
Milwaukee–Waukesha–West Allis, Wisconsin	845	2.0	0.6	(0.8–3.2)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,122	1.7	0.3	(1.1–2.3)
Minot, North Dakota	541	2.8	0.7	(1.5–4.1)
Mobile, Alabama	713	4.7	0.9	(2.9–6.5)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	682	3.9	0.7	(2.4–5.4)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	2.7	0.6	(1.6–3.8)
Nassau–Suffolk, New York*	945	1.9	0.4	(1.2–2.6)
Newark–Union, New Jersey–Pennsylvania*	3,367	2.3	0.4	(1.6–3.0)
New Haven–Milford, Connecticut	1,648	1.7	0.3	(1.1–2.3)
New Orleans–Metairie–Kenner, Louisiana	1,618	3.1	0.4	(2.3–3.9)
New York–White Plains–Wayne, New York–New Jersey*	4,428	2.5	0.4	(1.8–3.2)
Norfolk, Nebraska	624	1.9	0.5	(0.9–2.9)
North Platte, Nebraska	524	3.5	1.1	(1.3–5.7)
Oakland–Fremont–Hayward, California*	1,314	2.2	0.5	(1.2–3.2)
Ocean City, New Jersey	510	2.4	0.6	(1.2–3.6)
Ogden–Clearfield, Utah	1,605	1.8	0.3	(1.2–2.4)
Oklahoma City, Oklahoma	2,301	3.7	0.4	(2.9–4.5)
Olympia, Washington	820	1.7	0.4	(1.0–2.4)
Omaha–Council Bluffs, Nebraska–Iowa	2,337	2.2	0.4	(1.5–2.9)
Orlando–Kissimmee, Florida	916	2.3	0.5	(1.2–3.4)

See table footnotes on page 189.

**TABLE 59. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	705	2.4	0.5	(1.3–3.5)
Peabody, Massachusetts*	2,303	2.5	0.5	(1.5–3.5)
Philadelphia, Pennsylvania*	1,677	2.2	0.3	(1.6–2.8)
Phoenix–Mesa–Scottsdale, Arizona	1,583	2.3	0.3	(1.7–2.9)
Pittsburgh, Pennsylvania	2,175	3.0	0.4	(2.2–3.8)
Portland–South Portland–Biddeford, Maine	2,653	1.7	0.2	(1.3–2.1)
Portland–Vancouver–Beaverton, Oregon–Washington	3,088	2.6	0.4	(1.8–3.4)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,246	2.1	0.2	(1.7–2.5)
Provo–Orem, Utah	1,141	1.4	0.3	(0.8–2.0)
Raleigh–Cary, North Carolina	1,011	3.0	0.6	(1.9–4.1)
Rapid City, South Dakota	1,002	2.5	0.5	(1.5–3.5)
Reno–Sparks, Nevada	1,280	2.5	0.5	(1.6–3.4)
Richmond, Virginia	810	1.5	0.4	(0.7–2.3)
Riverside–San Bernardino–Ontario, California	2,035	2.0	0.3	(1.5–2.5)
Riverton, Wyoming	501	1.4	0.5	(0.4–2.4)
Rochester, New York	565	1.4	0.5	(0.5–2.3)
Rockingham County–Strafford County, New Hampshire*	1,619	1.4	0.3	(0.9–1.9)
Rutland, Vermont	709	1.5	0.5	(0.6–2.4)
Sacramento–Arden–Arcade–Roseville, California	1,270	2.2	0.4	(1.5–2.9)
St. Louis, Missouri–Illinois	1,623	1.9	0.4	(1.2–2.6)
Salt Lake City, Utah	4,320	2.4	0.3	(1.9–2.9)
San Antonio, Texas	817	2.2	0.4	(1.3–3.1)
San Diego–Carlsbad–San Marcos, California	1,705	2.2	0.5	(1.3–3.1)
San Francisco–San Mateo–Redwood City, California*	1,039	2.0	0.5	(1.1–2.9)
San Jose–Sunnyvale–Santa Clara, California	910	1.5	0.5	(0.6–2.4)
Santa Ana–Anaheim–Irvine, California*	1,520	1.8	0.3	(1.2–2.4)
Santa Fe, New Mexico	771	1.1	0.3	(0.5–1.7)
Scottsbluff, Nebraska	771	3.9	0.8	(2.3–5.5)
Scranton–Wilkes-Barre, Pennsylvania	932	1.9	0.4	(1.1–2.7)
Seaford, Delaware	1,458	3.0	0.5	(2.0–4.0)
Seattle–Bellevue–Everett, Washington*	4,850	1.9	0.2	(1.5–2.3)
Shreveport–Bossier City, Louisiana	684	3.9	0.8	(2.3–5.5)
Sioux City, Iowa–Nebraska–South Dakota	1,158	1.6	0.6	(0.5–2.7)
Sioux Falls, South Dakota	854	1.8	0.4	(1.1–2.5)
Spokane, Washington	1,248	2.7	0.5	(1.8–3.6)
Springfield, Massachusetts	2,087	2.0	0.4	(1.3–2.7)
Tacoma, Washington*	1,760	2.0	0.3	(1.5–2.5)
Tallahassee, Florida	583	NA	NA	NA
Tampa–St. Petersburg–Clearwater, Florida	866	3.6	0.7	(2.3–4.9)
Toledo, Ohio	840	2.4	0.5	(1.5–3.3)
Topeka, Kansas	1,940	2.9	0.4	(2.2–3.6)
Trenton–Ewing, New Jersey	510	2.6	0.9	(0.8–4.4)
Tucson, Arizona	688	2.0	0.4	(1.2–2.8)
Tulsa, Oklahoma	2,293	2.9	0.4	(2.2–3.6)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,051	2.7	0.5	(1.7–3.7)
Warren–Troy–Farmington Hills, Michigan*	1,808	2.0	0.3	(1.4–2.6)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	6,116	2.1	0.3	(1.5–2.7)
Wenatchee, Washington	567	2.1	0.6	(0.9–3.3)
Wichita, Kansas	3,908	2.4	0.2	(1.9–2.9)
Wilmington, Delaware–Maryland–New Jersey*	1,888	2.7	0.4	(2.0–3.4)
Wilmington, North Carolina	503	2.8	0.9	(1.0–4.6)
Worcester, Massachusetts	2,057	1.7	0.3	(1.1–2.3)
Yakima, Washington	787	4.0	1.1	(1.9–6.1)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	888	1.4	0.4	(0.7–2.1)
<i>Median</i>		2.3		
<i>Range</i>		0.8–5.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

† Estimate not available if the unweighted sample size for the denominator was <50 or if the 95% CI half width is >10.

**TABLE 60. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	605	2.8	0.6	(1.6–4.0)
Mobile County, Alabama	713	4.7	0.9	(2.9–6.5)
Anchorage Municipality, Alaska	372	0.9	0.4	(0.2–1.6)
Maricopa County, Arizona	1,206	2.1	0.3	(1.4–2.8)
Pima County, Arizona	688	2.0	0.4	(1.2–2.8)
Pinal County, Arizona	377	5.3	1.2	(3.0–7.6)
Benton County, Arkansas	335	1.8	0.7	(0.4–3.2)
Pulaski County, Arkansas	549	4.1	1.0	(2.2–6.0)
Washington County, Arkansas	289	2.4	0.9	(0.6–4.2)
Alameda County, California	734	2.4	0.7	(1.0–3.8)
Contra Costa County, California	580	1.7	0.5	(0.7–2.7)
Los Angeles County, California	2,170	2.4	0.4	(1.7–3.1)
Orange County, California	1,520	1.8	0.3	(1.2–2.4)
Riverside County, California	1,089	2.2	0.4	(1.4–3.0)
Sacramento County, California	766	2.4	0.5	(1.5–3.3)
San Bernardino County, California	946	1.9	0.4	(1.2–2.6)
San Diego County, California	1,705	2.2	0.5	(1.3–3.1)
San Francisco County, California	443	1.7	0.7	(0.4–3.0)
San Mateo County, California	391	2.1	0.8	(0.5–3.7)
Santa Clara County, California	886	1.6	0.5	(0.6–2.6)
Adams County, Colorado	869	0.8	0.2	(0.3–1.3)
Arapahoe County, Colorado	896	1.3	0.3	(0.7–1.9)
Denver County, Colorado	910	1.7	0.5	(0.8–2.6)
Douglas County, Colorado	575	0.9	0.3	(0.3–1.5)
El Paso County, Colorado	1,028	1.2	0.3	(0.7–1.7)
Jefferson County, Colorado	1,139	1.6	0.4	(0.9–2.3)
Larimer County, Colorado	585	2.2	0.6	(1.1–3.3)
Weld County, Colorado	508	1.3	0.5	(0.4–2.2)
Fairfield County, Connecticut	1,931	1.4	0.3	(0.9–1.9)
Hartford County, Connecticut	1,496	2.0	0.4	(1.3–2.7)
Middlesex County, Connecticut	267	1.3	0.5	(0.2–2.4)
New Haven County, Connecticut	1,648	1.7	0.3	(1.1–2.3)
Tolland County, Connecticut	297	2.0	1.0	(0.1–3.9)
Kent County, Delaware	1,433	3.0	0.6	(1.9–4.1)
New Castle County, Delaware	1,459	2.4	0.4	(1.7–3.1)
Sussex County, Delaware	1,458	3.0	0.5	(2.0–4.0)
District of Columbia	3,896	2.8	0.3	(2.3–3.3)
Broward County, Florida	270	2.5	1.0	(0.5–4.5)
Duval County, Florida	503	2.0	0.5	(0.9–3.1)
Hillsborough County, Florida	282	3.7	1.3	(1.1–6.3)
Miami–Dade County, Florida	280	1.9	0.6	(0.7–3.1)
Orange County, Florida	301	2.1	0.8	(0.6–3.6)
Osceola County, Florida	289	2.8	1.1	(0.7–4.9)
Palm Beach County, Florida	299	4.2	1.3	(1.6–6.8)
Pinellas County, Florida	276	5.7	1.6	(2.5–8.9)
Clayton County, Georgia	254	3.3	1.3	(0.8–5.8)
Cobb County, Georgia	285	1.3	0.6	(0.2–2.4)
DeKalb County, Georgia	307	2.1	0.8	(0.5–3.7)
Fulton County, Georgia	335	1.3	0.4	(0.5–2.1)
Hawaii County, Hawaii	1,488	2.4	0.4	(1.6–3.2)
Honolulu County, Hawaii	2,995	2.5	0.3	(1.9–3.1)
Kauai County, Hawaii	645	1.9	0.5	(0.9–2.9)
Maui County, Hawaii	1,534	2.3	0.5	(1.3–3.3)
Ada County, Idaho	675	1.9	0.5	(0.9–2.9)
Bonneville County, Idaho	386	1.7	0.6	(0.6–2.8)
Canyon County, Idaho	462	3.3	1.2	(1.0–5.6)
Nez Perce County, Idaho	300	2.1	0.7	(0.8–3.4)
Cook County, Illinois	1,893	2.1	0.3	(1.5–2.7)
DuPage County, Illinois	394	1.2	0.5	(0.3–2.1)
Lake County, Illinois	302	3.1	1.4	(0.4–5.8)
Will County, Illinois	300	NA*	NA	NA
Allen County, Indiana	503	2.9	0.7	(1.5–4.3)
Lake County, Indiana	987	2.8	0.7	(1.5–4.1)

See table footnotes on page 193.

**TABLE 60. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,508	3.5	0.6	(2.3–4.7)
Vanderburgh County, Indiana	256	3.2	1.3	(0.6–5.8)
Linn County, Iowa	522	1.4	0.4	(0.6–2.2)
Polk County, Iowa	808	1.6	0.4	(0.8–2.4)
Scott County, Iowa	369	2.4	0.8	(0.9–3.9)
Butler County, Kansas	443	2.7	0.8	(1.2–4.2)
Douglas County, Kansas	598	1.5	0.4	(0.7–2.3)
Johnson County, Kansas	3,223	1.9	0.2	(1.5–2.3)
Leavenworth County, Kansas	464	1.8	0.5	(0.8–2.8)
Riley County, Kansas	284	1.2	0.5	(0.3–2.1)
Sedgwick County, Kansas	3,027	2.4	0.3	(1.9–2.9)
Shawnee County, Kansas	1,407	2.8	0.4	(2.1–3.5)
Wyandotte County, Kansas	1,080	2.9	0.5	(2.0–3.8)
Jefferson County, Kentucky	1,793	4.2	1.8	(0.6–7.8)
Caddo Parish, Louisiana	437	4.1	1.1	(1.9–6.3)
Calcasieu Parish, Louisiana	606	4.4	0.9	(2.6–6.2)
East Baton Rouge Parish, Louisiana	721	3.1	0.7	(1.8–4.4)
Jefferson Parish, Louisiana	561	3.1	0.7	(1.6–4.6)
Orleans Parish, Louisiana	381	3.5	0.9	(1.8–5.2)
Rapides Parish, Louisiana	456	3.9	1.1	(1.8–6.0)
St. Tammany Parish, Louisiana	427	2.4	0.6	(1.2–3.6)
Terrebonne Parish, Louisiana	298	4.4	1.5	(1.5–7.3)
Cumberland County, Maine	1,346	1.4	0.3	(0.9–1.9)
Kennebec County, Maine	653	2.0	0.4	(1.1–2.9)
Penobscot County, Maine	734	2.5	0.5	(1.6–3.4)
Sagadahoc County, Maine	342	1.6	0.6	(0.3–2.9)
York County, Maine	965	2.2	0.4	(1.3–3.1)
Anne Arundel County, Maryland	558	1.4	0.4	(0.6–2.2)
Baltimore County, Maryland	985	2.5	0.5	(1.5–3.5)
Cecil County, Maryland	250	3.3	1.2	(1.0–5.6)
Charles County, Maryland	315	2.6	1.0	(0.7–4.5)
Frederick County, Maryland	546	1.9	0.5	(0.9–2.9)
Harford County, Maryland	260	2.9	1.2	(0.5–5.3)
Howard County, Maryland	341	1.2	0.5	(0.2–2.2)
Montgomery County, Maryland	1,074	1.7	0.4	(1.0–2.4)
Prince George's County, Maryland	638	1.1	0.3	(0.4–1.8)
Queen Anne's County, Maryland	264	2.5	1.0	(0.6–4.4)
Washington County, Maryland	362	1.3	0.4	(0.5–2.1)
Baltimore City, Maryland	512	5.0	1.0	(3.0–7.0)
Bristol County, Massachusetts	2,967	1.6	0.3	(1.0–2.2)
Essex County, Massachusetts	2,303	2.3	0.4	(1.5–3.1)
Hampden County, Massachusetts	1,607	2.6	0.5	(1.6–3.6)
Hampshire County, Massachusetts	294	NA	NA	NA
Middlesex County, Massachusetts	3,074	1.3	0.2	(0.9–1.7)
Norfolk County, Massachusetts	942	1.8	0.4	(1.0–2.6)
Plymouth County, Massachusetts	665	2.7	0.7	(1.3–4.1)
Suffolk County, Massachusetts	1,796	1.9	0.4	(1.2–2.6)
Worcester County, Massachusetts	2,057	1.7	0.3	(1.1–2.3)
Kent County, Michigan	465	1.3	0.4	(0.4–2.2)
Macomb County, Michigan	529	2.3	0.6	(1.1–3.5)
Oakland County, Michigan	945	1.6	0.4	(0.9–2.3)
Wayne County, Michigan	2,072	3.3	0.4	(2.5–4.1)
Anoka County, Minnesota	293	2.7	1.1	(0.5–4.9)
Dakota County, Minnesota	381	NA	NA	NA
Hennepin County, Minnesota	1,136	1.4	0.3	(0.9–1.9)
Ramsey County, Minnesota	530	3.4	1.0	(1.5–5.3)
DeSoto County, Mississippi	628	2.8	0.6	(1.6–4.0)
George County, Mississippi	376	3.5	0.9	(1.8–5.2)
Hancock County, Mississippi	340	4.6	1.3	(2.1–7.1)
Harrison County, Mississippi	289	6.6	1.6	(3.5–9.7)
Hinds County, Mississippi	508	3.2	0.8	(1.7–4.7)
Jackson County, Mississippi	329	2.1	0.6	(0.9–3.3)
Rankin County, Mississippi	331	3.2	1.0	(1.1–5.3)

See table footnotes on page 193.



**TABLE 60. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	328	3.2	1.0	(1.2–5.2)
Jackson County, Missouri	490	3.4	0.8	(1.9–4.9)
St. Louis County, Missouri	482	1.4	0.5	(0.4–2.4)
St. Louis City, Missouri	489	4.6	1.1	(2.4–6.8)
Flathead County, Montana	551	1.6	0.5	(0.6–2.6)
Gallatin County, Montana	589	1.4	0.4	(0.7–2.1)
Silver Bow County, Montana	576	1.9	0.5	(1.0–2.8)
Yellowstone County, Montana	575	3.1	0.6	(1.9–4.3)
Adams County, Nebraska	445	3.5	0.8	(1.9–5.1)
Dakota County, Nebraska	713	1.8	0.5	(0.9–2.7)
Douglas County, Nebraska	933	2.0	0.5	(1.1–2.9)
Hall County, Nebraska	593	2.0	0.4	(1.1–2.9)
Lancaster County, Nebraska	784	1.9	0.4	(1.1–2.7)
Lincoln County, Nebraska	494	3.6	1.2	(1.2–6.0)
Madison County, Nebraska	414	2.1	0.6	(0.9–3.3)
Sarpy County, Nebraska	582	1.6	0.5	(0.7–2.5)
Scotts Bluff County, Nebraska	755	3.4	0.7	(2.1–4.7)
Seward County, Nebraska	276	4.0	1.2	(1.7–6.3)
Clark County, Nevada	1,217	2.3	0.4	(1.6–3.0)
Washoe County, Nevada	1,251	2.5	0.5	(1.6–3.4)
Grafton County, New Hampshire	512	2.2	0.6	(1.0–3.4)
Hillsborough County, New Hampshire	1,434	2.3	0.5	(1.4–3.2)
Merrimack County, New Hampshire	630	2.9	0.9	(1.1–4.7)
Rockingham County, New Hampshire	997	1.5	0.3	(0.8–2.2)
Strafford County, New Hampshire	622	1.1	0.3	(0.5–1.7)
Atlantic County, New Jersey	928	2.4	0.5	(1.4–3.4)
Bergen County, New Jersey	633	1.0	0.3	(0.3–1.7)
Burlington County, New Jersey	554	2.0	0.6	(0.9–3.1)
Camden County, New Jersey	622	2.5	0.8	(1.0–4.0)
Cape May County, New Jersey	510	2.4	0.6	(1.2–3.6)
Essex County, New Jersey	1,066	1.6	0.4	(0.9–2.3)
Gloucester County, New Jersey	511	2.0	0.6	(0.9–3.1)
Hudson County, New Jersey	1,007	2.3	0.5	(1.3–3.3)
Hunterdon County, New Jersey	539	2.6	0.7	(1.2–4.0)
Mercer County, New Jersey	510	2.6	0.9	(0.8–4.4)
Middlesex County, New Jersey	620	2.0	0.7	(0.7–3.3)
Monmouth County, New Jersey	554	1.2	0.4	(0.4–2.0)
Morris County, New Jersey	713	2.6	0.7	(1.2–4.0)
Ocean County, New Jersey	525	1.7	0.5	(0.8–2.6)
Passaic County, New Jersey	498	2.0	0.6	(0.8–3.2)
Somerset County, New Jersey	556	0.9	0.4	(0.2–1.6)
Sussex County, New Jersey	486	2.4	1.1	(0.2–4.6)
Union County, New Jersey	527	2.8	1.2	(0.5–5.1)
Warren County, New Jersey	479	1.4	0.5	(0.4–2.4)
Bernalillo County, New Mexico	1,473	2.1	0.3	(1.5–2.7)
Dona Ana County, New Mexico	731	1.6	0.5	(0.7–2.5)
McKinley County, New Mexico	570	2.0	0.7	(0.6–3.4)
Sandoval County, New Mexico	650	2.0	0.5	(1.1–2.9)
San Juan County, New Mexico	897	2.1	0.5	(1.0–3.2)
Santa Fe County, New Mexico	771	1.1	0.3	(0.5–1.7)
Valencia County, New Mexico	388	2.3	0.6	(1.1–3.5)
Erie County, New York	448	2.9	0.7	(1.6–4.2)
Kings County, New York	452	2.8	0.9	(1.0–4.6)
Monroe County, New York	380	1.4	0.6	(0.2–2.6)
Nassau County, New York	439	2.0	0.8	(0.4–3.6)
New York County, New York	526	3.2	1.3	(0.6–5.8)
Queens County, New York	481	2.5	0.6	(1.2–3.8)
Suffolk County, New York	506	2.0	0.5	(1.0–3.0)
Westchester County, New York	343	1.9	0.7	(0.6–3.2)
Buncombe County, North Carolina	398	2.3	0.7	(0.9–3.7)
Cabarrus County, North Carolina	350	1.4	0.5	(0.4–2.4)
Catawba County, North Carolina	365	2.4	0.8	(0.9–3.9)
Cumberland County, North Carolina	382	3.4	0.9	(1.6–5.2)

See table footnotes on page 193.

**TABLE 60. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	417	2.3	0.7	(0.8–3.8)
Gaston County, North Carolina	349	2.2	0.6	(0.9–3.5)
Guilford County, North Carolina	427	4.1	1.3	(1.5–6.7)
Henderson County, North Carolina	262	2.9	1.1	(0.8–5.0)
Johnston County, North Carolina	369	3.6	1.0	(1.6–5.6)
Mecklenburg County, North Carolina	617	2.1	0.6	(0.9–3.3)
New Hanover County, North Carolina	411	2.4	0.7	(1.0–3.8)
Orange County, North Carolina	370	2.1	0.6	(0.9–3.3)
Randolph County, North Carolina	357	3.3	0.9	(1.6–5.0)
Union County, North Carolina	368	1.8	0.7	(0.4–3.2)
Wake County, North Carolina	602	2.8	0.7	(1.5–4.1)
Burleigh County, North Dakota	564	3.1	0.6	(1.9–4.3)
Cass County, North Dakota	749	1.4	0.3	(0.7–2.1)
Ward County, North Dakota	468	2.7	0.7	(1.3–4.1)
Cuyahoga County, Ohio	690	1.9	0.6	(0.8–3.0)
Franklin County, Ohio	662	4.8	0.9	(3.0–6.6)
Hamilton County, Ohio	695	2.7	0.6	(1.5–3.9)
Lucas County, Ohio	683	2.5	0.6	(1.4–3.6)
Mahoning County, Ohio	684	2.6	0.7	(1.3–3.9)
Montgomery County, Ohio	680	3.8	0.7	(2.5–5.1)
Stark County, Ohio	682	3.5	0.7	(2.0–5.0)
Summit County, Ohio	678	3.0	0.7	(1.7–4.3)
Canadian County, Oklahoma	267	3.3	0.9	(1.5–5.1)
Cleveland County, Oklahoma	422	2.7	0.7	(1.3–4.1)
Oklahoma County, Oklahoma	1,222	4.1	0.6	(3.0–5.2)
Tulsa County, Oklahoma	1,577	2.7	0.3	(2.0–3.4)
Clackamas County, Oregon	434	4.0	1.2	(1.6–6.4)
Multnomah County, Oregon	649	1.5	0.4	(0.8–2.2)
Washington County, Oregon	442	2.2	0.6	(1.0–3.4)
Allegheny County, Pennsylvania	707	2.5	0.5	(1.4–3.6)
Bucks County, Pennsylvania	305	2.2	0.7	(0.9–3.5)
Delaware County, Pennsylvania	260	1.7	0.8	(0.2–3.2)
Fayette County, Pennsylvania	810	4.4	1.2	(2.1–6.7)
Luzerne County, Pennsylvania	776	2.5	0.5	(1.5–3.5)
Montgomery County, Pennsylvania	393	2.1	0.6	(0.9–3.3)
Philadelphia County, Pennsylvania	492	3.2	0.7	(1.8–4.6)
Westmoreland County, Pennsylvania	252	5.5	1.4	(2.7–8.3)
Kent County, Rhode Island	859	2.8	0.6	(1.6–4.0)
Newport County, Rhode Island	474	2.5	0.7	(1.2–3.8)
Providence County, Rhode Island	3,999	2.3	0.3	(1.8–2.8)
Washington County, Rhode Island	700	1.6	0.5	(0.6–2.6)
Aiken County, South Carolina	463	3.1	0.6	(1.8–4.4)
Beaufort County, South Carolina	687	2.1	0.5	(1.2–3.0)
Berkeley County, South Carolina	363	3.8	1.2	(1.4–6.2)
Charleston County, South Carolina	692	1.1	0.3	(0.6–1.6)
Greenville County, South Carolina	542	1.4	0.4	(0.6–2.2)
Horry County, South Carolina	682	3.9	0.7	(2.4–5.4)
Richland County, South Carolina	738	1.8	0.5	(0.8–2.8)
Minnehaha County, South Dakota	608	1.9	0.4	(1.0–2.8)
Pennington County, South Dakota	793	2.8	0.6	(1.6–4.0)
Davidson County, Tennessee	436	2.0	0.6	(0.8–3.2)
Hamilton County, Tennessee	438	1.2	0.5	(0.3–2.1)
Shelby County, Tennessee	375	3.6	1.1	(1.4–5.8)
Sullivan County, Tennessee	361	1.7	0.5	(0.7–2.7)
Bexar County, Texas	674	2.6	0.5	(1.5–3.7)
Dallas County, Texas	311	1.6	0.7	(0.2–3.0)
El Paso County, Texas	914	1.7	0.4	(0.9–2.5)
Fort Bend County, Texas	694	1.7	0.5	(0.8–2.6)
Harris County, Texas	1,148	1.3	0.3	(0.8–1.8)
Hidalgo County, Texas	539	1.7	0.4	(0.9–2.5)
Lubbock County, Texas	505	2.2	0.6	(1.1–3.3)
Tarrant County, Texas	487	1.9	0.6	(0.7–3.1)
Travis County, Texas	928	2.3	0.7	(1.0–3.6)

See table footnotes on page 193.

**TABLE 60. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	598	0.9	0.3	(0.3–1.5)
Davis County, Utah	800	1.4	0.4	(0.6–2.2)
Salt Lake County, Utah	3,322	2.4	0.3	(1.8–3.0)
Summit County, Utah	500	1.8	0.5	(0.7–2.9)
Tooele County, Utah	498	2.0	0.6	(0.8–3.2)
Utah County, Utah	1,084	1.4	0.3	(0.8–2.0)
Wasatch County, Utah	526	0.8	0.3	(0.2–1.4)
Weber County, Utah	770	2.3	0.5	(1.3–3.3)
Chittenden County, Vermont	1,406	1.6	0.3	(1.0–2.2)
Franklin County, Vermont	444	2.1	0.7	(0.7–3.5)
Orange County, Vermont	358	2.4	0.8	(0.9–3.9)
Rutland County, Vermont	709	1.5	0.5	(0.6–2.4)
Washington County, Vermont	688	2.3	0.6	(1.2–3.4)
Windsor County, Vermont	646	2.5	0.7	(1.2–3.8)
Benton County, Washington	418	2.4	0.7	(1.0–3.8)
Chelan County, Washington	300	2.7	0.9	(0.9–4.5)
Clark County, Washington	1,135	2.6	0.5	(1.6–3.6)
Douglas County, Washington	267	NA	NA	NA
King County, Washington	3,190	1.8	0.2	(1.4–2.2)
Kitsap County, Washington	934	2.6	0.5	(1.5–3.7)
Pierce County, Washington	1,760	1.8	0.3	(1.3–2.3)
Skamania County, Washington	254	3.2	1.1	(1.0–5.4)
Snohomish County, Washington	1,660	2.1	0.3	(1.5–2.7)
Spokane County, Washington	1,248	2.7	0.5	(1.8–3.6)
Thurston County, Washington	820	1.7	0.4	(1.0–2.4)
Yakima County, Washington	787	4.0	1.1	(1.9–6.1)
Kanawha County, West Virginia	554	4.5	0.9	(2.8–6.2)
Milwaukee County, Wisconsin	627	2.6	0.9	(0.8–4.4)
Fremont County, Wyoming	501	1.4	0.5	(0.4–2.4)
Laramie County, Wyoming	940	2.5	0.5	(1.5–3.5)
Natrona County, Wyoming	775	3.1	0.6	(2.0–4.2)
<i>Median</i>		2.3		
<i>Range</i>		0.8–6.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $< 50$  or if the 95% CI half width is  $> 10$ .

**TABLE 61. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,778	12.3	0.5	(11.3–13.3)
Alaska	2,426	5.8	0.6	(4.6–7.0)
Arizona	5,471	8.4	0.6	(7.2–9.6)
Arkansas	4,004	10.1	0.6	(9.0–11.2)
California	17,380	9.1	0.3	(8.5–9.7)
Colorado	11,950	5.8	0.3	(5.3–6.3)
Connecticut	6,489	6.7	0.3	(6.0–7.4)
Delaware	4,354	8.1	0.5	(7.1–9.1)
District of Columbia	3,903	7.5	0.5	(6.5–8.5)
Florida	12,033	10.7	0.5	(9.7–11.7)
Georgia	5,889	9.5	0.5	(8.5–10.5)
Hawaii	6,673	8.5	0.4	(7.6–9.4)
Idaho	5,385	8.0	0.4	(7.2–8.8)
Illinois	5,843	8.2	0.4	(7.4–9.0)
Indiana	9,279	9.3	0.3	(8.6–10.0)
Iowa	6,020	7.6	0.4	(6.9–8.3)
Kansas	18,907	8.5	0.2	(8.0–9.0)
Kentucky	9,646	11.5	0.5	(10.5–12.5)
Louisiana	8,872	11.1	0.4	(10.3–11.9)
Maine	8,076	8.3	0.3	(7.7–8.9)
Maryland	8,579	9.3	0.4	(8.5–10.1)
Massachusetts	16,716	7.9	0.3	(7.3–8.5)
Michigan	9,249	9.3	0.3	(8.6–10.0)
Minnesota	5,603	6.4	0.4	(5.7–7.1)
Mississippi	11,180	11.6	0.4	(10.9–12.3)
Missouri	5,053	7.9	0.4	(7.0–8.8)
Montana	7,613	6.8	0.3	(6.2–7.4)
Nebraska	15,978	7.5	0.3	(6.9–8.1)
Nevada	3,835	7.9	0.6	(6.7–9.1)
New Hampshire	5,985	7.1	0.4	(6.3–7.9)
New Jersey	12,372	8.7	0.4	(8.0–9.4)
New Mexico	8,832	8.6	0.4	(7.9–9.3)
New York	6,924	8.9	0.4	(8.1–9.7)
North Carolina	13,260	9.6	0.4	(8.8–10.4)
North Dakota	4,764	7.5	0.4	(6.7–8.3)
Ohio	9,760	10.1	0.4	(9.4–10.8)
Oklahoma	7,839	11.0	0.4	(10.2–11.8)
Oregon	4,278	8.3	0.5	(7.3–9.3)
Pennsylvania	9,172	9.1	0.4	(8.4–9.8)
Rhode Island	6,291	7.0	0.3	(6.3–7.7)
South Carolina	9,845	10.4	0.4	(9.5–11.3)
South Dakota	6,826	7.3	0.3	(6.6–8.0)
Tennessee	5,568	10.3	0.5	(9.2–11.4)
Texas	11,595	9.3	0.4	(8.5–10.1)
Utah	10,157	6.1	0.3	(5.6–6.6)
Vermont	6,660	6.2	0.3	(5.6–6.8)
Virginia	5,179	8.2	0.5	(7.3–9.1)
Washington	20,276	7.7	0.2	(7.3–8.1)
West Virginia	4,815	12.4	0.5	(11.4–13.4)
Wisconsin	4,552	8.2	0.5	(7.2–9.2)
Wyoming	6,053	7.0	0.3	(6.3–7.7)
Guam	1,257	9.1	1.0	(7.2–11.0)
Puerto Rico	4,234	12.9	0.5	(11.8–14.0)
Virgin Islands	2,504	8.0	0.6	(6.8–9.2)
<i>Median</i>		8.4		
<i>Range</i>		5.8–12.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females or prediabetes or borderline diabetes in adults..

**TABLE 62. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	779	9.0	1.3	(6.4–11.6)
Albuquerque, New Mexico	2,611	7.9	0.7	(6.6–9.2)
Alexandria, Louisiana	527	13.0	1.5	(10.0–16.0)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	864	8.2	1.4	(5.5–10.9)
Anchorage, Alaska	511	6.0	1.1	(3.8–8.2)
Asheville, North Carolina	848	7.3	1.0	(5.4–9.2)
Atlanta–Sandy Springs–Marietta, Georgia	2,335	7.9	0.6	(6.7–9.1)
Atlantic City–Hammonton, New Jersey	931	9.2	1.0	(7.2–11.2)
Augusta–Richmond County, Georgia–South Carolina	876	10.0	1.3	(7.5–12.5)
Augusta–Waterville, Maine	654	8.9	1.2	(6.6–11.2)
Austin–Round Rock, Texas	1,614	5.8	0.8	(4.3–7.3)
Baltimore–Towson, Maryland	3,109	8.8	0.6	(7.6–10.0)
Bangor, Maine	738	9.4	1.1	(7.2–11.6)
Barre, Vermont	691	6.1	0.9	(4.3–7.9)
Baton Rouge, Louisiana	1,210	10.6	1.0	(8.6–12.6)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,624	7.6	0.9	(5.9–9.3)
Billings, Montana	625	7.9	1.1	(5.7–10.1)
Birmingham–Hoover, Alabama	1,164	10.2	1.0	(8.2–12.2)
Bismarck, North Dakota	743	6.9	1.0	(4.9–8.9)
Boise City–Nampa, Idaho	1,283	7.5	0.8	(6.0–9.0)
Boston–Quincy, Massachusetts <sup>†</sup>	3,408	7.4	0.5	(6.3–8.5)
Bozeman, Montana	589	2.8	0.7	(1.5–4.1)
Bremerton–Silverdale, Washington	935	8.3	0.9	(6.5–10.1)
Bridgeport–Stamford–Norwalk, Connecticut	1,931	5.7	0.6	(4.5–6.9)
Buffalo–Niagara Falls, New York	552	8.1	1.2	(5.8–10.4)
Burlington–South Burlington, Vermont	1,931	5.1	0.5	(4.1–6.1)
Butte–Silver Bow, Montana	577	7.9	1.2	(5.5–10.3)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,082	8.0	0.8	(6.5–9.5)
Camden, New Jersey <sup>†</sup>	1,686	8.0	0.8	(6.5–9.5)
Canton–Massillon, Ohio	719	11.7	1.4	(9.0–14.4)
Casper, Wyoming	777	6.7	0.9	(5.0–8.4)
Cedar Rapids, Iowa	598	8.1	1.2	(5.7–10.5)
Charleston, West Virginia	856	13.1	1.3	(10.6–15.6)
Charleston–North Charleston–Summerville, South Carolina	1,196	10.0	1.2	(7.7–12.3)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,870	7.9	0.7	(6.4–9.4)
Chattanooga, Tennessee–Georgia	595	13.1	1.8	(9.5–16.7)
Cheyenne, Wyoming	942	8.2	1.1	(6.1–10.3)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,609	7.9	0.5	(6.9–8.9)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,730	7.9	0.7	(6.4–9.4)
Cleveland–Elyria–Mentor, Ohio	1,097	10.5	1.0	(8.4–12.6)
Colorado Springs, Colorado	1,183	5.2	0.7	(3.9–6.5)
Columbia, South Carolina	1,197	11.1	1.3	(8.6–13.6)
Columbus, Ohio	1,395	10.5	1.0	(8.5–12.5)
Concord, New Hampshire	632	7.5	1.1	(5.3–9.7)
Dallas–Plano–Irving, Texas <sup>†</sup>	590	8.3	1.2	(5.9–10.7)
Davenport–Moline–Rock Island, Iowa–Illinois	520	5.8	1.1	(3.6–8.0)
Dayton, Ohio	820	11.1	1.3	(8.6–13.6)
Denver–Aurora, Colorado	4,875	5.4	0.4	(4.7–6.1)
Des Moines–West Des Moines, Iowa	1,057	8.0	0.9	(6.3–9.7)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,075	10.6	0.8	(9.1–12.1)
Dover, Delaware	1,433	11.1	0.9	(9.3–12.9)
Durham, North Carolina	892	8.3	1.3	(5.8–10.8)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,262	9.0	0.7	(7.6–10.4)
El Paso, Texas	917	12.4	1.1	(10.2–14.6)
Evansville, Indiana–Kentucky	584	12.1	1.8	(8.7–15.5)
Fargo, North Dakota–Minnesota	811	4.4	0.8	(2.9–5.9)
Farmington, New Mexico	898	7.9	1.0	(5.9–9.9)
Fayetteville, North Carolina	542	12.3	1.5	(9.4–15.2)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	671	6.8	1.1	(4.6–9.0)
Fort Collins–Loveland, Colorado	586	4.2	0.8	(2.6–5.8)
Fort Wayne, Indiana	600	9.0	1.2	(6.7–11.3)
Fort Worth–Arlington, Texas <sup>†</sup>	599	7.4	1.1	(5.3–9.5)
Gallup, New Mexico	573	10.7	1.4	(8.0–13.4)

See table footnotes on page 197.

**TABLE 62. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	828	8.7	1.0	(6.7–10.7)
Grand Rapids–Wyoming, Michigan	644	8.0	1.1	(5.9–10.1)
Greeley, Colorado	509	5.3	0.9	(3.5–7.1)
Greensboro–High Point, North Carolina	828	9.3	1.2	(7.0–11.6)
Greenville–Mauldin–Easley, South Carolina	863	8.0	1.4	(5.2–10.8)
Gulfport–Biloxi, Mississippi	960	12.0	1.7	(8.6–15.4)
Hagerstown–Martinsburg, Maryland–West Virginia	621	10.2	1.4	(7.5–12.9)
Hartford–West Hartford–East Hartford, Connecticut	2,062	6.2	0.6	(5.1–7.3)
Hastings, Nebraska	582	8.8	1.3	(6.3–11.3)
Heber, Utah	528	4.8	0.8	(3.2–6.4)
Hickory–Lenoir–Morganton, North Carolina	794	9.2	1.2	(6.8–11.6)
Hilo, Hawaii	1,490	8.6	0.9	(6.8–10.4)
Hilton Head Island–Beaufort, South Carolina	810	8.2	1.2	(5.9–10.5)
Honolulu, Hawaii	3,004	8.5	0.6	(7.4–9.6)
Houma–Bayou Cane–Thibodaux, Louisiana	536	12.7	1.7	(9.4–16.0)
Houston–Sugar Land–Baytown, Texas	2,166	7.8	0.8	(6.3–9.3)
Huntington–Ashland, West Virginia–Kentucky–Ohio	696	14.7	1.7	(11.4–18.0)
Idaho Falls, Idaho	505	9.2	1.5	(6.2–12.2)
Indianapolis–Carmel, Indiana	2,212	8.4	0.7	(7.1–9.7)
Jackson, Mississippi	1,211	10.5	0.9	(8.7–12.3)
Jacksonville, Florida	1,080	10.0	1.2	(7.7–12.3)
Kahului–Wailuku, Hawaii	1,534	8.9	1.0	(7.0–10.8)
Kalispell, Montana	552	6.3	1.2	(4.0–8.6)
Kansas City, Missouri–Kansas	6,229	7.8	0.5	(6.7–8.9)
Kapaa, Hawaii	645	6.8	1.1	(4.7–8.9)
Kennewick–Pasco–Richland, Washington	660	8.9	1.1	(6.7–11.1)
Kingsport–Bristol–Bristol, Tennessee–Virginia	519	15.4	2.2	(11.1–19.7)
Lake Charles, Louisiana	621	12.6	1.5	(9.7–15.5)
Las Cruces, New Mexico	733	7.8	1.0	(5.9–9.7)
Las Vegas–Paradise, Nevada	1,224	8.1	0.9	(6.4–9.8)
Lawrence, Kansas	602	6.5	1.5	(3.6–9.4)
Lebanon, New Hampshire–Vermont	1,520	7.4	0.7	(6.1–8.7)
Lewiston, Idaho–Washington	543	10.6	1.5	(7.8–13.4)
Lincoln, Nebraska	1,060	6.2	0.7	(4.8–7.6)
Little Rock–North Little Rock–Conway, Arkansas	836	11.1	1.4	(8.3–13.9)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,169	10.4	0.8	(8.9–11.9)
Louisville/Jefferson County, Kentucky–Indiana	2,307	11.6	1.2	(9.3–13.9)
Lubbock, Texas	522	7.0	1.2	(4.6–9.4)
Manchester–Nashua, New Hampshire	1,436	8.1	0.9	(6.3–9.9)
Manhattan, Kansas	605	5.8	1.3	(3.3–8.3)
McAllen–Edinburg–Mission, Texas	539	9.8	1.5	(6.9–12.7)
Memphis, Tennessee–Mississippi–Arkansas	1,533	11.0	1.2	(8.6–13.4)
Miami–Fort Lauderdale–Pompano Beach, Florida	851	10.3	1.3	(7.7–12.9)
Milwaukee–Waukesha–West Allis, Wisconsin	846	8.0	1.3	(5.5–10.5)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,125	5.6	0.4	(4.7–6.5)
Minot, North Dakota	540	9.7	1.2	(7.3–12.1)
Mobile, Alabama	711	11.4	1.3	(8.9–13.9)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	682	9.9	1.2	(7.6–12.2)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	844	6.5	0.9	(4.8–8.2)
Nassau–Suffolk, New York <sup>†</sup>	947	7.8	0.9	(6.0–9.6)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,368	8.0	0.8	(6.5–9.5)
New Haven–Milford, Connecticut	1,653	7.6	0.7	(6.2–9.0)
New Orleans–Metairie–Kenner, Louisiana	1,619	9.7	0.8	(8.1–11.3)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,438	9.3	0.6	(8.2–10.4)
Norfolk, Nebraska	629	7.4	1.0	(5.4–9.4)
North Platte, Nebraska	524	6.8	1.1	(4.6–9.0)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,313	8.3	1.0	(6.4–10.2)
Ocean City, New Jersey	511	8.6	1.2	(6.2–11.0)
Ogden–Clearfield, Utah	1,611	6.0	0.6	(4.9–7.1)
Oklahoma City, Oklahoma	2,304	10.1	0.7	(8.7–11.5)
Olympia, Washington	821	8.8	1.1	(6.6–11.0)
Omaha–Council Bluffs, Nebraska–Iowa	2,343	7.2	0.6	(6.0–8.4)
Orlando–Kissimmee, Florida	916	9.9	1.3	(7.4–12.4)

See table footnotes on page 197.



**TABLE 62. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	708	11.7	1.7	(8.3–15.1)
Peabody, Massachusetts†	2,309	7.3	0.8	(5.7–8.9)
Philadelphia, Pennsylvania†	1,676	8.8	0.8	(7.2–10.4)
Phoenix–Mesa–Scottsdale, Arizona	1,582	7.9	0.8	(6.3–9.5)
Pittsburgh, Pennsylvania	2,185	9.5	0.7	(8.0–11.0)
Portland–South Portland–Biddeford, Maine	2,659	6.9	0.5	(5.9–7.9)
Portland–Vancouver–Beaverton, Oregon–Washington	3,083	6.7	0.6	(5.6–7.8)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,267	8.1	0.4	(7.3–8.9)
Provo–Orem, Utah	1,143	4.7	0.6	(3.5–5.9)
Raleigh–Cary, North Carolina	1,012	6.1	0.8	(4.6–7.6)
Rapid City, South Dakota	1,005	8.3	0.9	(6.6–10.0)
Reno–Sparks, Nevada	1,282	6.5	0.7	(5.1–7.9)
Richmond, Virginia	810	6.7	0.9	(5.0–8.4)
Riverside–San Bernardino–Ontario, California	2,035	9.6	0.7	(8.1–11.1)
Riverton, Wyoming	502	7.1	1.3	(4.6–9.6)
Rochester, New York	567	8.4	1.1	(6.2–10.6)
Rockingham County–Strafford County, New Hampshire†	1,623	5.8	0.6	(4.6–7.0)
Rutland, Vermont	710	7.2	1.0	(5.3–9.1)
Sacramento–Arden–Arcade–Roseville, California	1,271	8.4	0.8	(6.8–10.0)
St. Louis, Missouri–Illinois	1,628	7.0	0.7	(5.5–8.5)
Salt Lake City, Utah	4,327	6.4	0.4	(5.6–7.2)
San Antonio, Texas	819	7.5	1.0	(5.6–9.4)
San Diego–Carlsbad–San Marcos, California	1,706	8.2	0.8	(6.7–9.7)
San Francisco–San Mateo–Redwood City, California†	1,039	7.4	1.0	(5.4–9.4)
San Jose–Sunnyvale–Santa Clara, California	910	8.9	1.3	(6.4–11.4)
Santa Ana–Anaheim–Irvine, California†	1,521	8.1	0.8	(6.5–9.7)
Santa Fe, New Mexico	772	5.3	0.8	(3.8–6.8)
Scottsbluff, Nebraska	772	11.5	1.3	(8.9–14.1)
Scranton–Wilkes-Barre, Pennsylvania	934	8.0	1.0	(6.0–10.0)
Seaford, Delaware	1,460	9.9	0.8	(8.3–11.5)
Seattle–Bellevue–Everett, Washington†	4,864	7.2	0.5	(6.2–8.2)
Shreveport–Bossier City, Louisiana	684	13.4	1.5	(10.4–16.4)
Sioux City, Iowa–Nebraska–South Dakota	1,158	8.1	1.4	(5.4–10.8)
Sioux Falls, South Dakota	855	6.0	0.8	(4.5–7.5)
Spokane, Washington	1,250	7.2	0.7	(5.8–8.6)
Springfield, Massachusetts	2,097	7.6	0.7	(6.2–9.0)
Tacoma, Washington†	1,761	10.5	0.9	(8.8–12.2)
Tallahassee, Florida	580	7.5	1.8	(4.0–11.0)
Tampa–St. Petersburg–Clearwater, Florida	867	10.9	1.7	(7.5–14.3)
Toledo, Ohio	842	10.1	1.3	(7.5–12.7)
Topeka, Kansas	1,943	9.5	0.7	(8.2–10.8)
Trenton–Ewing, New Jersey	510	8.6	1.3	(6.0–11.2)
Tucson, Arizona	690	8.6	1.6	(5.4–11.8)
Tulsa, Oklahoma	2,301	10.4	0.7	(9.0–11.8)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,054	8.3	1.1	(6.2–10.4)
Warren–Troy–Farmington Hills, Michigan†	1,813	8.2	0.7	(6.9–9.5)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,129	8.1	0.7	(6.7–9.5)
Wenatchee, Washington	569	6.8	1.1	(4.6–9.0)
Wichita, Kansas	3,910	8.5	0.5	(7.6–9.4)
Wilmington, Delaware–Maryland–New Jersey†	1,889	7.8	0.7	(6.4–9.2)
Wilmington, North Carolina	505	10.4	1.6	(7.2–13.6)
Worcester, Massachusetts	2,059	7.6	0.8	(6.0–9.2)
Yakima, Washington	788	9.1	1.0	(7.1–11.1)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	888	10.7	1.4	(7.9–13.5)
Median		8.2		
Range		2.8–15.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females or prediabetes or borderline diabetes in adults.

† Metropolitan division.

**TABLE 63. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	606	10.5	1.4	(7.7–13.3)
Mobile County, Alabama	711	11.4	1.3	(8.9–13.9)
Anchorage Municipality, Alaska	373	7.5	1.6	(4.4–10.6)
Maricopa County, Arizona	1,205	7.7	0.9	(6.0–9.4)
Pima County, Arizona	690	8.6	1.6	(5.4–11.8)
Pinal County, Arizona	377	10.6	1.9	(6.9–14.3)
Benton County, Arkansas	335	5.5	1.1	(3.3–7.7)
Pulaski County, Arkansas	551	10.1	1.7	(6.7–13.5)
Washington County, Arkansas	290	5.8	1.4	(3.1–8.5)
Alameda County, California	734	8.4	1.3	(5.8–11.0)
Contra Costa County, California	579	7.3	1.2	(5.0–9.6)
Los Angeles County, California	2,169	10.4	0.8	(8.9–11.9)
Orange County, California	1,521	8.1	0.8	(6.5–9.7)
Riverside County, California	1,090	9.5	1.0	(7.6–11.4)
Sacramento County, California	767	8.7	1.0	(6.7–10.7)
San Bernardino County, California	945	9.5	1.1	(7.3–11.7)
San Diego County, California	1,706	8.2	0.8	(6.7–9.7)
San Francisco County, California	443	8.7	1.6	(5.6–11.8)
San Mateo County, California	391	5.8	1.4	(3.1–8.5)
Santa Clara County, California	886	8.7	1.3	(6.1–11.3)
Adams County, Colorado	871	5.9	0.8	(4.3–7.5)
Arapahoe County, Colorado	899	6.4	1.0	(4.5–8.3)
Denver County, Colorado	914	6.2	0.8	(4.7–7.7)
Douglas County, Colorado	574	3.0	0.8	(1.5–4.5)
El Paso County, Colorado	1,031	5.1	0.7	(3.7–6.5)
Jefferson County, Colorado	1,142	5.2	0.7	(3.8–6.6)
Larimer County, Colorado	586	4.2	0.8	(2.6–5.8)
Weld County, Colorado	509	5.3	0.9	(3.5–7.1)
Fairfield County, Connecticut	1,931	5.7	0.6	(4.5–6.9)
Hartford County, Connecticut	1,497	6.5	0.7	(5.2–7.8)
Middlesex County, Connecticut	269	6.1	1.6	(2.9–9.3)
New Haven County, Connecticut	1,653	7.6	0.7	(6.2–9.0)
Tolland County, Connecticut	296	5.3	1.1	(3.1–7.5)
Kent County, Delaware	1,433	11.1	0.9	(9.3–12.9)
New Castle County, Delaware	1,461	6.6	0.7	(5.2–8.0)
Sussex County, Delaware	1,460	9.9	0.8	(8.3–11.5)
District of Columbia	3,903	8.4	0.5	(7.3–9.5)
Broward County, Florida	270	9.1	2.2	(4.7–13.5)
Duval County, Florida	506	9.9	1.7	(6.6–13.2)
Hillsborough County, Florida	282	11.8	2.9	(6.2–17.4)
Miami–Dade County, Florida	281	11.4	2.2	(7.2–15.6)
Orange County, Florida	302	9.0	1.8	(5.5–12.5)
Osceola County, Florida	288	10.1	2.4	(5.5–14.7)
Palm Beach County, Florida	300	11.4	2.3	(6.9–15.9)
Pinellas County, Florida	276	9.6	1.9	(5.8–13.4)
Clayton County, Georgia	255	9.6	1.9	(6.0–13.2)
Cobb County, Georgia	286	8.7	1.9	(4.9–12.5)
DeKalb County, Georgia	307	6.5	1.2	(4.1–8.9)
Fulton County, Georgia	334	6.8	1.4	(4.2–9.4)
Hawaii County, Hawaii	1,490	8.6	0.9	(6.8–10.4)
Honolulu County, Hawaii	3,004	8.5	0.6	(7.4–9.6)
Kauai County, Hawaii	645	6.8	1.1	(4.7–8.9)
Maui County, Hawaii	1,534	8.9	1.0	(7.0–10.8)
Ada County, Idaho	678	6.5	0.9	(4.7–8.3)
Bonneville County, Idaho	390	9.9	1.8	(6.3–13.5)
Canyon County, Idaho	461	9.1	1.4	(6.3–11.9)
Nez Perce County, Idaho	303	10.2	1.8	(6.7–13.7)
Cook County, Illinois	1,895	8.0	0.7	(6.6–9.4)
DuPage County, Illinois	394	8.1	1.6	(5.0–11.2)
Lake County, Illinois	302	7.9	1.8	(4.3–11.5)
Will County, Illinois	300	5.9	1.2	(3.6–8.2)
Allen County, Indiana	503	9.6	1.4	(6.9–12.3)
Lake County, Indiana	987	9.8	1.4	(7.1–12.5)

See table footnotes on page 202.

**TABLE 63. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,510	10.0	1.0	(8.0–12.0)
Vanderburgh County, Indiana	257	10.8	2.0	(6.9–14.7)
Linn County, Iowa	522	8.6	1.4	(5.8–11.4)
Polk County, Iowa	808	8.8	1.0	(6.8–10.8)
Scott County, Iowa	370	5.7	1.1	(3.6–7.8)
Butler County, Kansas	444	7.6	1.2	(5.2–10.0)
Douglas County, Kansas	602	6.5	1.5	(3.6–9.4)
Johnson County, Kansas	3,225	5.6	0.4	(4.8–6.4)
Leavenworth County, Kansas	466	9.6	1.4	(6.8–12.4)
Riley County, Kansas	286	7.0	2.8	(1.5–12.5)
Sedgwick County, Kansas	3,028	8.6	0.5	(7.6–9.6)
Shawnee County, Kansas	1,408	9.4	0.8	(7.9–10.9)
Wyandotte County, Kansas	1,083	12.0	1.2	(9.7–14.3)
Jefferson County, Kentucky	1,800	13.0	1.7	(9.6–16.4)
Caddo Parish, Louisiana	437	13.4	1.9	(9.7–17.1)
Calcasieu Parish, Louisiana	604	12.7	1.5	(9.8–15.6)
East Baton Rouge Parish, Louisiana	721	11.5	1.3	(9.0–14.0)
Jefferson Parish, Louisiana	562	8.3	1.2	(6.0–10.6)
Orleans Parish, Louisiana	381	9.7	1.5	(6.8–12.6)
Rapides Parish, Louisiana	457	13.1	1.7	(9.9–16.3)
St. Tammany Parish, Louisiana	427	9.7	1.8	(6.1–13.3)
Terrebonne Parish, Louisiana	299	12.4	1.9	(8.6–16.2)
Cumberland County, Maine	1,349	6.2	0.6	(5.0–7.4)
Kennebec County, Maine	654	8.9	1.2	(6.6–11.2)
Penobscot County, Maine	738	9.4	1.1	(7.2–11.6)
Sagadahoc County, Maine	342	8.1	1.8	(4.6–11.6)
York County, Maine	968	7.7	0.9	(6.0–9.4)
Anne Arundel County, Maryland	560	7.4	1.3	(4.9–9.9)
Baltimore County, Maryland	987	8.7	1.0	(6.8–10.6)
Cecil County, Maryland	249	10.6	1.9	(6.8–14.4)
Charles County, Maryland	316	9.9	1.8	(6.3–13.5)
Frederick County, Maryland	549	7.3	1.2	(5.0–9.6)
Harford County, Maryland	259	9.1	1.8	(5.6–12.6)
Howard County, Maryland	340	4.9	1.3	(2.4–7.4)
Montgomery County, Maryland	1,075	7.6	0.9	(5.7–9.5)
Prince George's County, Maryland	639	11.4	1.5	(8.4–14.4)
Queen Anne's County, Maryland	263	9.4	1.9	(5.7–13.1)
Washington County, Maryland	362	10.6	1.7	(7.2–14.0)
Baltimore City, Maryland	514	11.2	1.6	(8.1–14.3)
Bristol County, Massachusetts	2,976	10.6	1.1	(8.5–12.7)
Essex County, Massachusetts	2,309	7.2	0.8	(5.6–8.8)
Hampden County, Massachusetts	1,615	9.3	1.1	(7.2–11.4)
Hampshire County, Massachusetts	295	5.2	1.2	(2.9–7.5)
Middlesex County, Massachusetts	3,082	7.5	0.7	(6.1–8.9)
Norfolk County, Massachusetts	945	7.6	1.0	(5.7–9.5)
Plymouth County, Massachusetts	665	6.6	1.0	(4.7–8.5)
Suffolk County, Massachusetts	1,798	6.9	0.7	(5.5–8.3)
Worcester County, Massachusetts	2,059	7.6	0.8	(6.0–9.2)
Kent County, Michigan	465	7.3	1.3	(4.7–9.9)
Macomb County, Michigan	530	8.0	1.1	(5.8–10.2)
Oakland County, Michigan	947	9.0	1.0	(7.0–11.0)
Wayne County, Michigan	2,075	10.6	0.8	(9.1–12.1)
Anoka County, Minnesota	293	8.8	1.6	(5.6–12.0)
Dakota County, Minnesota	381	6.8	1.5	(3.9–9.7)
Hennepin County, Minnesota	1,137	5.1	0.7	(3.7–6.5)
Ramsey County, Minnesota	531	6.0	1.2	(3.7–8.3)
DeSoto County, Mississippi	630	9.4	1.3	(6.9–11.9)
George County, Mississippi	378	10.0	1.9	(6.3–13.7)
Hancock County, Mississippi	340	10.9	1.8	(7.5–14.3)
Harrison County, Mississippi	291	11.8	2.2	(7.5–16.1)
Hinds County, Mississippi	508	11.2	1.4	(8.4–14.0)
Jackson County, Mississippi	330	12.5	2.2	(8.2–16.8)
Rankin County, Mississippi	332	10.6	1.8	(7.2–14.0)

See table footnotes on page 202.

**TABLE 63. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	329	9.7	1.7	(6.3–13.1)
Jackson County, Missouri	492	8.4	1.2	(6.0–10.8)
St. Louis County, Missouri	482	6.6	1.3	(4.1–9.1)
St. Louis City, Missouri	491	12.6	2.6	(7.6–17.6)
Flathead County, Montana	552	6.3	1.2	(4.0–8.6)
Gallatin County, Montana	589	2.8	0.7	(1.5–4.1)
Silver Bow County, Montana	577	7.9	1.2	(5.5–10.3)
Yellowstone County, Montana	575	7.9	1.2	(5.6–10.2)
Adams County, Nebraska	447	6.7	1.1	(4.4–9.0)
Dakota County, Nebraska	712	7.4	0.9	(5.6–9.2)
Douglas County, Nebraska	935	6.9	0.8	(5.3–8.5)
Hall County, Nebraska	596	8.6	1.2	(6.3–10.9)
Lancaster County, Nebraska	784	5.9	0.7	(4.4–7.4)
Lincoln County, Nebraska	494	7.1	1.2	(4.8–9.4)
Madison County, Nebraska	417	8.2	1.4	(5.5–10.9)
Sarpy County, Nebraska	585	6.7	1.2	(4.4–9.0)
Scotts Bluff County, Nebraska	756	11.2	1.3	(8.6–13.8)
Seward County, Nebraska	276	9.9	1.9	(6.1–13.7)
Clark County, Nevada	1,224	8.1	0.9	(6.4–9.8)
Washoe County, Nevada	1,253	6.6	0.7	(5.2–8.0)
Grafton County, New Hampshire	514	7.0	1.1	(4.9–9.1)
Hillsborough County, New Hampshire	1,436	8.1	0.9	(6.3–9.9)
Merrimack County, New Hampshire	632	7.5	1.1	(5.3–9.7)
Rockingham County, New Hampshire	999	5.3	0.7	(3.9–6.7)
Strafford County, New Hampshire	624	6.8	1.1	(4.7–8.9)
Atlantic County, New Jersey	931	9.2	1.0	(7.2–11.2)
Bergen County, New Jersey	632	8.5	1.6	(5.4–11.6)
Burlington County, New Jersey	554	8.1	1.3	(5.6–10.6)
Camden County, New Jersey	620	8.8	1.3	(6.2–11.4)
Cape May County, New Jersey	511	8.6	1.2	(6.2–11.0)
Essex County, New Jersey	1,067	8.9	1.0	(7.0–10.8)
Gloucester County, New Jersey	512	6.5	1.2	(4.2–8.8)
Hudson County, New Jersey	1,010	8.7	1.0	(6.8–10.6)
Hunterdon County, New Jersey	539	5.0	0.9	(3.3–6.7)
Mercer County, New Jersey	510	8.6	1.3	(6.0–11.2)
Middlesex County, New Jersey	621	9.1	1.2	(6.7–11.5)
Monmouth County, New Jersey	555	8.7	1.3	(6.1–11.3)
Morris County, New Jersey	715	4.8	0.9	(3.1–6.5)
Ocean County, New Jersey	528	10.0	1.4	(7.3–12.7)
Passaic County, New Jersey	500	10.9	1.7	(7.6–14.2)
Somerset County, New Jersey	558	6.3	1.3	(3.7–8.9)
Sussex County, New Jersey	484	7.5	1.9	(3.7–11.3)
Union County, New Jersey	527	8.3	1.5	(5.3–11.3)
Warren County, New Jersey	480	7.0	1.4	(4.2–9.8)
Bernalillo County, New Mexico	1,476	7.7	0.8	(6.1–9.3)
Dona Ana County, New Mexico	733	7.8	1.0	(5.9–9.7)
McKinley County, New Mexico	573	10.7	1.4	(8.0–13.4)
Sandoval County, New Mexico	652	8.3	1.7	(4.9–11.7)
San Juan County, New Mexico	898	7.9	1.0	(5.9–9.9)
Santa Fe County, New Mexico	772	5.3	0.8	(3.8–6.8)
Valencia County, New Mexico	389	8.7	1.5	(5.8–11.6)
Erie County, New York	452	8.7	1.4	(5.9–11.5)
Kings County, New York	452	9.3	1.4	(6.5–12.1)
Monroe County, New York	382	9.2	1.5	(6.3–12.1)
Nassau County, New York	441	6.8	1.1	(4.6–9.0)
New York County, New York	527	9.3	1.5	(6.4–12.2)
Queens County, New York	483	7.6	1.2	(5.3–9.9)
Suffolk County, New York	506	8.3	1.3	(5.7–10.9)
Westchester County, New York	344	5.1	1.1	(2.9–7.3)
Buncombe County, North Carolina	399	7.6	1.4	(4.8–10.4)
Cabarrus County, North Carolina	349	10.0	1.8	(6.6–13.4)
Catawba County, North Carolina	367	7.3	1.5	(4.4–10.2)
Cumberland County, North Carolina	382	13.1	1.8	(9.6–16.6)

See table footnotes on page 202.

**TABLE 63. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	416	9.5	1.6	(6.4–12.6)
Gaston County, North Carolina	351	10.0	1.9	(6.4–13.6)
Guilford County, North Carolina	428	9.6	1.5	(6.7–12.5)
Henderson County, North Carolina	263	6.6	1.6	(3.4–9.8)
Johnston County, North Carolina	369	8.6	1.5	(5.7–11.5)
Mecklenburg County, North Carolina	614	6.0	0.9	(4.3–7.7)
New Hanover County, North Carolina	413	12.6	1.9	(8.8–16.4)
Orange County, North Carolina	370	4.9	1.4	(2.1–7.7)
Randolph County, North Carolina	358	9.1	1.9	(5.3–12.9)
Union County, North Carolina	369	7.5	1.7	(4.3–10.7)
Wake County, North Carolina	603	5.7	0.9	(3.9–7.5)
Burleigh County, North Dakota	566	5.9	1.0	(3.8–8.0)
Cass County, North Dakota	751	5.0	0.8	(3.5–6.5)
Ward County, North Dakota	467	9.8	1.3	(7.2–12.4)
Cuyahoga County, Ohio	693	10.0	1.2	(7.7–12.3)
Franklin County, Ohio	662	10.7	1.4	(7.9–13.5)
Hamilton County, Ohio	696	8.3	1.1	(6.2–10.4)
Lucas County, Ohio	684	8.6	1.3	(6.1–11.1)
Mahoning County, Ohio	683	10.4	1.2	(8.0–12.8)
Montgomery County, Ohio	681	11.4	1.3	(8.9–13.9)
Stark County, Ohio	686	11.4	1.4	(8.7–14.1)
Summit County, Ohio	680	10.3	1.4	(7.6–13.0)
Canadian County, Oklahoma	267	9.9	1.9	(6.2–13.6)
Cleveland County, Oklahoma	424	7.8	1.3	(5.3–10.3)
Oklahoma County, Oklahoma	1,224	10.6	1.1	(8.5–12.7)
Tulsa County, Oklahoma	1,583	10.1	0.8	(8.5–11.7)
Clackamas County, Oregon	431	8.0	1.4	(5.3–10.7)
Multnomah County, Oregon	648	6.0	0.9	(4.2–7.8)
Washington County, Oregon	440	5.3	1.4	(2.5–8.1)
Allegheny County, Pennsylvania	708	9.1	1.1	(7.0–11.2)
Bucks County, Pennsylvania	305	8.6	1.9	(4.9–12.3)
Delaware County, Pennsylvania	260	9.4	2.3	(4.9–13.9)
Fayette County, Pennsylvania	817	11.7	1.4	(9.0–14.4)
Luzerne County, Pennsylvania	777	8.7	1.2	(6.4–11.0)
Montgomery County, Pennsylvania	393	5.4	1.3	(2.9–7.9)
Philadelphia County, Pennsylvania	491	10.7	1.5	(7.8–13.6)
Westmoreland County, Pennsylvania	253	10.3	1.9	(6.6–14.0)
Kent County, Rhode Island	860	9.1	1.0	(7.0–11.2)
Newport County, Rhode Island	475	5.9	1.0	(3.9–7.9)
Providence County, Rhode Island	4,009	7.4	0.4	(6.5–8.3)
Washington County, Rhode Island	700	5.3	0.8	(3.7–6.9)
Aiken County, South Carolina	463	10.4	1.5	(7.5–13.3)
Beaufort County, South Carolina	690	7.0	1.2	(4.7–9.3)
Berkeley County, South Carolina	363	12.6	2.7	(7.3–17.9)
Charleston County, South Carolina	693	7.3	1.2	(5.0–9.6)
Greenville County, South Carolina	542	8.1	1.8	(4.7–11.5)
Horry County, South Carolina	682	9.9	1.2	(7.6–12.2)
Richland County, South Carolina	739	11.2	1.9	(7.5–14.9)
Minnehaha County, South Dakota	609	6.1	0.9	(4.3–7.9)
Pennington County, South Dakota	793	8.2	1.0	(6.3–10.1)
Davidson County, Tennessee	436	6.1	1.2	(3.7–8.5)
Hamilton County, Tennessee	438	12.1	1.9	(8.4–15.8)
Shelby County, Tennessee	375	10.7	2.0	(6.9–14.5)
Sullivan County, Tennessee	363	14.7	2.1	(10.6–18.8)
Bexar County, Texas	676	7.7	1.0	(5.7–9.7)
Dallas County, Texas	311	11.7	2.4	(7.0–16.4)
El Paso County, Texas	917	12.4	1.1	(10.2–14.6)
Fort Bend County, Texas	695	7.7	1.4	(4.9–10.5)
Harris County, Texas	1,152	8.3	1.0	(6.4–10.2)
Hidalgo County, Texas	539	9.8	1.5	(6.9–12.7)
Lubbock County, Texas	506	6.7	1.2	(4.3–9.1)
Tarrant County, Texas	486	6.6	1.1	(4.4–8.8)
Travis County, Texas	929	5.6	1.0	(3.6–7.6)

See table footnotes on page 202.

**TABLE 63. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a doctor that they had diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	600	5.2	0.9	(3.5–6.9)
Davis County, Utah	803	5.0	0.7	(3.6–6.4)
Salt Lake County, Utah	3,327	6.5	0.4	(5.6–7.4)
Summit County, Utah	500	3.2	0.7	(1.8–4.6)
Tooele County, Utah	500	6.8	1.1	(4.7–8.9)
Utah County, Utah	1,086	4.7	0.6	(3.5–5.9)
Wasatch County, Utah	528	4.8	0.8	(3.2–6.4)
Weber County, Utah	773	7.5	1.0	(5.6–9.4)
Chittenden County, Vermont	1,407	4.2	0.5	(3.1–5.3)
Franklin County, Vermont	443	8.2	1.4	(5.5–10.9)
Orange County, Vermont	358	6.7	1.3	(4.1–9.3)
Rutland County, Vermont	710	7.2	1.0	(5.3–9.1)
Washington County, Vermont	691	6.1	0.9	(4.3–7.9)
Windsor County, Vermont	648	8.2	1.1	(6.0–10.4)
Benton County, Washington	422	8.4	1.3	(5.8–11.0)
Chelan County, Washington	300	6.8	1.4	(4.0–9.6)
Clark County, Washington	1,137	7.2	0.8	(5.6–8.8)
Douglas County, Washington	269	7.3	1.7	(3.9–10.7)
King County, Washington	3,200	6.4	0.5	(5.4–7.4)
Kitsap County, Washington	935	8.3	0.9	(6.5–10.1)
Pierce County, Washington	1,761	9.8	0.8	(8.3–11.3)
Skamania County, Washington	254	7.8	2.0	(3.9–11.7)
Snohomish County, Washington	1,664	7.2	0.7	(5.9–8.5)
Spokane County, Washington	1,250	7.2	0.7	(5.8–8.6)
Thurston County, Washington	821	8.8	1.1	(6.6–11.0)
Yakima County, Washington	788	9.1	1.0	(7.1–11.1)
Kanawha County, West Virginia	556	13.0	1.6	(9.9–16.1)
Milwaukee County, Wisconsin	628	10.2	1.6	(7.0–13.4)
Fremont County, Wyoming	502	7.1	1.3	(4.6–9.6)
Laramie County, Wyoming	942	8.2	1.1	(6.1–10.3)
Natrona County, Wyoming	777	6.7	0.9	(5.0–8.4)
<i>Median</i>		8.3		
<i>Range</i>		2.8–14.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females or prediabetes or borderline diabetes in adults.



**TABLE 64.** Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,424	11.4	0.6	(10.3–12.5)
Alaska	2,288	7.7	0.7	(6.3–9.1)
Arizona	5,183	11.1	0.6	(9.9–12.3)
Arkansas	3,720	10.7	0.6	(9.6–11.8)
California	14,718	7.9	0.2	(7.4–8.4)
Colorado	10,757	8.9	0.3	(8.3–9.5)
Connecticut	6,171	9.7	0.4	(8.8–10.6)
Delaware	3,938	10.3	0.6	(9.2–11.4)
District of Columbia	3,589	8.2	0.4	(7.3–9.1)
Florida	11,189	12.4	0.4	(11.5–13.3)
Georgia	5,529	8.9	0.5	(8.0–9.8)
Hawaii	6,342	8.7	0.4	(7.9–9.5)
Idaho	5,072	10.2	0.5	(9.3–11.1)
Illinois	5,584	8.2	0.4	(7.5–8.9)
Indiana	8,546	9.9	0.4	(9.2–10.6)
Iowa	5,718	9.7	0.4	(8.9–10.5)
Kansas	18,430	9.9	0.2	(9.4–10.4)
Kentucky	9,151	11.5	0.5	(10.5–12.5)
Louisiana	8,594	8.9	0.4	(8.2–9.6)
Maine	7,785	10.5	0.4	(9.8–11.2)
Maryland	8,135	9.2	0.4	(8.5–9.9)
Massachusetts	15,047	10.1	0.3	(9.5–10.7)
Michigan	8,850	9.9	0.4	(9.2–10.6)
Minnesota	5,560	8.3	0.4	(7.6–9.0)
Mississippi	10,625	9.3	0.3	(8.7–9.9)
Missouri	4,664	11.6	0.6	(10.5–12.7)
Montana	7,233	11.3	0.4	(10.4–12.2)
Nebraska	15,118	9.8	0.4	(9.1–10.5)
Nevada	3,620	10.6	0.7	(9.2–12.0)
New Hampshire	5,769	9.8	0.4	(9.0–10.6)
New Jersey	11,571	8.7	0.3	(8.1–9.3)
New Mexico	8,197	9.6	0.4	(8.9–10.3)
New York	6,392	9.8	0.4	(9.0–10.6)
North Carolina	12,615	10.3	0.4	(9.6–11.0)
North Dakota	4,527	9.0	0.5	(8.1–9.9)
Ohio	9,330	10.0	0.4	(9.3–10.7)
Oklahoma	7,568	10.4	0.4	(9.7–11.1)
Oregon	4,018	12.6	0.6	(11.4–13.8)
Pennsylvania	8,654	10.0	0.4	(9.3–10.7)
Rhode Island	6,018	10.7	0.4	(9.8–11.6)
South Carolina	9,346	11.1	0.4	(10.2–12.0)
South Dakota	6,512	10.3	0.4	(9.5–11.1)
Tennessee	5,146	8.4	0.5	(7.5–9.3)
Texas	10,926	8.4	0.4	(7.7–9.1)
Utah	9,759	8.5	0.3	(7.9–9.1)
Vermont	6,391	10.3	0.4	(9.5–11.1)
Virginia	4,835	9.0	0.5	(8.1–9.9)
Washington	19,750	10.9	0.3	(10.4–11.4)
West Virginia	4,773	10.4	0.4	(9.5–11.3)
Wisconsin	4,170	10.2	0.6	(9.0–11.4)
Wyoming	5,771	10.9	0.4	(10.1–11.7)
Guam	1,243	3.0	0.4	(2.2–3.8)
Puerto Rico	4,172	4.0	0.3	(3.4–4.6)
Virgin Islands	2,369	4.5	0.4	(3.6–5.4)
<i>Median</i>		9.9		
<i>Range</i>		3.0–12.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 65. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	744	10.2	1.1	(8.0–12.4)
Albuquerque, New Mexico	2,421	9.0	0.6	(7.9–10.1)
Alexandria, Louisiana	513	8.8	1.3	(6.3–11.3)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	823	10.3	1.4	(7.6–13.0)
Anchorage, Alaska	481	8.5	1.3	(6.0–11.0)
Asheville, North Carolina	813	15.1	1.4	(12.4–17.8)
Atlanta–Sandy Springs–Marietta, Georgia	2,206	7.9	0.7	(6.5–9.3)
Atlantic City–Hammonton, New Jersey	870	8.9	1.0	(7.0–10.8)
Augusta–Richmond County, Georgia–South Carolina	836	10.8	1.2	(8.4–13.2)
Augusta–Waterville, Maine	633	12.4	1.4	(9.7–15.1)
Austin–Round Rock, Texas	1,533	9.5	1.1	(7.3–11.7)
Baltimore–Towson, Maryland	2,957	9.3	0.5	(8.2–10.4)
Bangor, Maine	718	8.5	1.0	(6.5–10.5)
Barre, Vermont	670	8.8	1.1	(6.6–11.0)
Baton Rouge, Louisiana	1,176	8.6	0.9	(6.9–10.3)
Bethesda–Frederick–Gaithersburg, Maryland*	1,536	9.7	0.9	(7.8–11.6)
Billings, Montana	594	10.9	1.2	(8.5–13.3)
Birmingham–Hoover, Alabama	1,104	10.9	1.1	(8.8–13.0)
Bismarck, North Dakota	705	10.1	1.5	(7.1–13.1)
Boise City–Nampa, Idaho	1,209	10.2	0.9	(8.5–11.9)
Boston–Quincy, Massachusetts*	3,046	9.2	0.6	(7.9–10.5)
Bozeman, Montana	566	9.6	1.3	(7.1–12.1)
Bremerton–Silverdale, Washington	919	10.7	1.0	(8.7–12.7)
Bridgeport–Stamford–Norwalk, Connecticut	1,832	9.1	0.8	(7.5–10.7)
Buffalo–Niagara Falls, New York	516	10.6	1.6	(7.4–13.8)
Burlington–South Burlington, Vermont	1,859	9.8	0.7	(8.4–11.2)
Butte–Silver Bow, Montana	553	13.0	1.4	(10.2–15.8)
Cambridge–Newton–Framingham, Massachusetts*	2,776	10.2	0.8	(8.7–11.7)
Camden, New Jersey*	1,590	7.9	0.7	(6.6–9.2)
Canton–Massillon, Ohio	691	11.3	1.3	(8.8–13.8)
Casper, Wyoming	740	11.8	1.2	(9.5–14.1)
Cedar Rapids, Iowa	562	9.1	1.2	(6.7–11.5)
Charleston, West Virginia	849	10.0	1.0	(8.0–12.0)
Charleston–North Charleston–Summerville, South Carolina	1,128	11.9	1.3	(9.3–14.5)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,776	8.4	0.7	(7.0–9.8)
Chattanooga, Tennessee–Georgia	553	9.8	1.5	(6.8–12.8)
Cheyenne, Wyoming	895	9.7	0.9	(7.8–11.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,309	7.5	0.4	(6.7–8.3)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,629	10.3	0.9	(8.6–12.0)
Cleveland–Elyria–Mentor, Ohio	1,054	9.7	0.9	(7.9–11.5)
Colorado Springs, Colorado	1,069	8.4	0.8	(6.8–10.0)
Columbia, South Carolina	1,132	8.1	0.9	(6.3–9.9)
Columbus, Ohio	1,333	8.7	0.8	(7.2–10.2)
Concord, New Hampshire	611	9.5	1.1	(7.3–11.7)
Dallas–Plano–Irving, Texas*	559	7.6	1.1	(5.4–9.8)
Davenport–Moline–Rock Island, Iowa–Illinois	494	9.8	1.8	(6.3–13.3)
Dayton, Ohio	781	11.2	1.5	(8.3–14.1)
Denver–Aurora, Colorado	4,400	8.8	0.4	(8.0–9.6)
Des Moines–West Des Moines, Iowa	1,006	8.3	0.8	(6.7–9.9)
Detroit–Livonia–Dearborn, Michigan*	1,954	8.3	0.8	(6.8–9.8)
Dover, Delaware	1,295	8.8	0.8	(7.3–10.3)
Durham, North Carolina	860	10.3	1.3	(7.8–12.8)
Edison–New Brunswick, New Jersey*	2,100	10.2	0.7	(8.8–11.6)
El Paso, Texas	858	6.2	0.8	(4.7–7.7)
Evansville, Indiana–Kentucky	543	12.5	1.6	(9.3–15.7)
Fargo, North Dakota–Minnesota	778	8.2	1.3	(5.7–10.7)
Farmington, New Mexico	836	8.0	1.0	(6.0–10.0)
Fayetteville, North Carolina	509	8.9	1.4	(6.1–11.7)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	624	7.8	1.0	(5.8–9.8)
Fort Collins–Loveland, Colorado	527	9.4	1.2	(7.1–11.7)
Fort Wayne, Indiana	566	8.7	1.1	(6.5–10.9)
Fort Worth–Arlington, Texas*	565	12.4	1.5	(9.5–15.3)
Gallup, New Mexico	530	5.8	1.0	(3.9–7.7)

See table footnotes on page 206.

**TABLE 65. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	786	10.3	1.0	(8.3–12.3)
Grand Rapids–Wyoming, Michigan	627	7.9	1.0	(5.9–9.9)
Greeley, Colorado	457	7.2	1.3	(4.6–9.8)
Greensboro–High Point, North Carolina	781	10.5	1.3	(7.9–13.1)
Greenville–Mauldin–Easley, South Carolina	831	10.8	1.7	(7.5–14.1)
Gulfport–Biloxi, Mississippi	916	11.6	1.5	(8.7–14.5)
Hagerstown–Martinsburg, Maryland–West Virginia	595	9.9	1.3	(7.4–12.4)
Hartford–West Hartford–East Hartford, Connecticut	1,964	9.7	0.7	(8.2–11.2)
Hastings, Nebraska	549	9.5	1.2	(7.1–11.9)
Heber, Utah	511	7.4	1.2	(5.1–9.7)
Hickory–Lenoir–Morganton, North Carolina	756	10.1	1.1	(7.9–12.3)
Hilo, Hawaii	1,417	9.2	0.8	(7.7–10.7)
Hilton Head Island–Beaufort, South Carolina	760	14.3	1.5	(11.3–17.3)
Honolulu, Hawaii	2,861	8.2	0.5	(7.2–9.2)
Houma–Bayou Cane–Thibodaux, Louisiana	517	10.3	1.7	(7.0–13.6)
Houston–Sugar Land–Baytown, Texas	2,030	6.9	0.6	(5.8–8.0)
Huntington–Ashland, West Virginia–Kentucky–Ohio	677	11.3	1.4	(8.5–14.1)
Idaho Falls, Idaho	470	7.2	1.1	(5.0–9.4)
Indianapolis–Carmel, Indiana	2,023	9.7	1.0	(7.8–11.6)
Jackson, Mississippi	1,158	8.9	0.9	(7.2–10.6)
Jacksonville, Florida	1,014	10.9	1.1	(8.7–13.1)
Kahului–Wailuku, Hawaii	1,451	10.0	0.8	(8.3–11.7)
Kalispell, Montana	519	10.4	1.3	(7.8–13.0)
Kansas City, Missouri–Kansas	6,015	10.9	0.7	(9.6–12.2)
Kapaa, Hawaii	613	10.8	1.5	(7.8–13.8)
Kennewick–Pasco–Richland, Washington	646	9.5	1.2	(7.2–11.8)
Kingsport–Bristol–Bristol, Tennessee–Virginia	478	11.5	2.4	(6.9–16.1)
Lake Charles, Louisiana	605	8.1	1.1	(6.0–10.2)
Las Cruces, New Mexico	691	9.0	1.2	(6.7–11.3)
Las Vegas–Paradise, Nevada	1,135	9.9	0.9	(8.1–11.7)
Lawrence, Kansas	596	7.3	1.1	(5.2–9.4)
Lebanon, New Hampshire–Vermont	1,460	10.4	0.8	(8.8–12.0)
Lewiston, Idaho–Washington	519	13.7	1.6	(10.6–16.8)
Lincoln, Nebraska	1,023	8.6	1.0	(6.6–10.6)
Little Rock–North Little Rock–Conway, Arkansas	787	9.6	1.1	(7.4–11.8)
Los Angeles–Long Beach–Glendale, California*	1,782	6.7	0.6	(5.6–7.8)
Louisville/Jefferson County, Kentucky–Indiana	2,189	11.2	1.1	(9.0–13.4)
Lubbock, Texas	497	9.5	1.3	(6.9–12.1)
Manchester–Nashua, New Hampshire	1,368	9.9	1.0	(8.0–11.8)
Manhattan, Kansas	587	9.7	1.5	(6.8–12.6)
McAllen–Edinburg–Mission, Texas	493	6.7	1.0	(4.7–8.7)
Memphis, Tennessee–Mississippi–Arkansas	1,435	7.1	0.8	(5.5–8.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	756	10.5	1.3	(8.0–13.0)
Milwaukee–Waukesha–West Allis, Wisconsin	757	10.6	1.5	(7.6–13.6)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,095	7.8	0.5	(6.8–8.8)
Minot, North Dakota	527	9.6	1.3	(7.0–12.2)
Mobile, Alabama	678	10.8	1.4	(8.1–13.5)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	657	12.6	1.3	(10.1–15.1)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	797	8.1	1.2	(5.8–10.4)
Nassau–Suffolk, New York*	872	11.1	1.1	(9.0–13.2)
Newark–Union, New Jersey–Pennsylvania*	3,154	7.6	0.6	(6.5–8.7)
New Haven–Milford, Connecticut	1,562	10.7	1.0	(8.8–12.6)
New Orleans–Metairie–Kenner, Louisiana	1,570	9.5	0.8	(8.0–11.0)
New York–White Plains–Wayne, New York–New Jersey*	4,067	9.2	0.6	(8.0–10.4)
Norfolk, Nebraska	591	9.3	1.1	(7.1–11.5)
North Platte, Nebraska	498	12.0	1.5	(9.0–15.0)
Oakland–Fremont–Hayward, California*	1,120	8.6	0.9	(6.9–10.3)
Ocean City, New Jersey	476	14.7	1.8	(11.2–18.2)
Ogden–Clearfield, Utah	1,569	8.1	0.7	(6.8–9.4)
Oklahoma City, Oklahoma	2,222	10.1	0.7	(8.8–11.4)
Olympia, Washington	800	12.2	1.2	(9.9–14.5)
Omaha–Council Bluffs, Nebraska–Iowa	2,221	8.7	0.7	(7.4–10.0)
Orlando–Kissimmee, Florida	838	9.5	1.2	(7.1–11.9)

See table footnotes on page 206.

**TABLE 65. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	680	9.4	1.3	(6.8–12.0)
Peabody, Massachusetts*	2,061	12.1	1.0	(10.1–14.1)
Philadelphia, Pennsylvania*	1,569	10.1	0.8	(8.6–11.6)
Phoenix–Mesa–Scottsdale, Arizona	1,495	9.8	0.8	(8.2–11.4)
Pittsburgh, Pennsylvania	2,050	11.5	0.9	(9.7–13.3)
Portland–South Portland–Biddeford, Maine	2,561	9.7	0.6	(8.5–10.9)
Portland–Vancouver–Beaverton, Oregon–Washington	2,941	12.3	0.8	(10.8–13.8)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,690	10.5	0.4	(9.7–11.3)
Provo–Orem, Utah	1,094	6.6	0.8	(5.0–8.2)
Raleigh–Cary, North Carolina	952	9.9	1.0	(7.9–11.9)
Rapid City, South Dakota	961	12.4	1.1	(10.3–14.5)
Reno–Sparks, Nevada	1,223	10.7	0.9	(8.9–12.5)
Richmond, Virginia	754	9.6	1.1	(7.4–11.8)
Riverside–San Bernardino–Ontario, California	1,705	7.3	0.6	(6.2–8.4)
Riverton, Wyoming	481	12.2	1.8	(8.7–15.7)
Rochester, New York	529	10.8	1.4	(8.1–13.5)
Rockingham County–Strafford County, New Hampshire*	1,567	8.8	0.7	(7.4–10.2)
Rutland, Vermont	686	9.3	1.0	(7.3–11.3)
Sacramento–Arden–Arcade–Roseville, California	1,127	8.6	0.8	(7.0–10.2)
St. Louis, Missouri–Illinois	1,476	12.2	1.1	(10.0–14.4)
Salt Lake City, Utah	4,126	8.6	0.5	(7.7–9.5)
San Antonio, Texas	775	9.1	1.1	(6.9–11.3)
San Diego–Carlsbad–San Marcos, California	1,429	8.0	0.8	(6.5–9.5)
San Francisco–San Mateo–Redwood City, California*	883	9.3	1.1	(7.2–11.4)
San Jose–Sunnyvale–Santa Clara, California	793	7.0	1.0	(5.0–9.0)
Santa Ana–Anaheim–Irvine, California*	1,277	8.9	0.8	(7.4–10.4)
Santa Fe, New Mexico	726	11.2	1.2	(8.9–13.5)
Scottsbluff, Nebraska	726	10.9	1.2	(8.5–13.3)
Scranton–Wilkes-Barre, Pennsylvania	880	8.4	1.1	(6.3–10.5)
Seaford, Delaware	1,316	12.6	1.0	(10.7–14.5)
Seattle–Bellevue–Everett, Washington*	4,742	9.6	0.5	(8.6–10.6)
Shreveport–Bossier City, Louisiana	661	9.1	1.4	(6.3–11.9)
Sioux City, Iowa–Nebraska–South Dakota	1,076	7.4	1.4	(4.7–10.1)
Sioux Falls, South Dakota	806	8.2	0.8	(6.5–9.9)
Spokane, Washington	1,215	10.0	0.9	(8.3–11.7)
Springfield, Massachusetts	1,896	9.3	0.8	(7.7–10.9)
Tacoma, Washington*	1,700	10.0	0.8	(8.5–11.5)
Tallahassee, Florida	549	6.9	1.4	(4.1–9.7)
Tampa–St. Petersburg–Clearwater, Florida	813	12.4	1.2	(10.0–14.8)
Toledo, Ohio	799	9.1	1.3	(6.6–11.6)
Topeka, Kansas	1,904	10.7	0.7	(9.2–12.2)
Trenton–Ewing, New Jersey	476	10.5	1.5	(7.5–13.5)
Tucson, Arizona	666	13.7	1.5	(10.8–16.6)
Tulsa, Oklahoma	2,217	9.7	0.7	(8.4–11.0)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	972	9.1	1.0	(7.2–11.0)
Warren–Troy–Farmington Hills, Michigan*	1,742	11.1	0.9	(9.3–12.9)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	5,679	6.7	0.6	(5.5–7.9)
Wenatchee, Washington	551	12.0	1.5	(9.1–14.9)
Wichita, Kansas	3,802	8.7	0.5	(7.8–9.6)
Wilmington, Delaware–Maryland–New Jersey*	1,735	9.7	0.7	(8.3–11.1)
Wilmington, North Carolina	477	10.0	1.7	(6.6–13.4)
Worcester, Massachusetts	1,862	8.7	0.8	(7.2–10.2)
Yakima, Washington	764	9.7	1.1	(7.5–11.9)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	845	11.4	1.5	(8.5–14.3)
<i>Median</i>		9.7		
<i>Range</i>		5.8–15.1		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 66. Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	570	11.3	1.5	(8.3–14.3)
Mobile County, Alabama	678	10.8	1.4	(8.1–13.5)
Anchorage Municipality, Alaska	347	6.9	1.3	(4.4–9.4)
Maricopa County, Arizona	1,140	9.7	0.9	(8.0–11.4)
Pima County, Arizona	666	13.7	1.5	(10.8–16.6)
Pinal County, Arizona	355	11.8	1.7	(8.4–15.2)
Benton County, Arkansas	308	7.0	1.3	(4.5–9.5)
Pulaski County, Arkansas	520	10.3	1.6	(7.1–13.5)
Washington County, Arkansas	274	10.2	2.1	(6.2–14.2)
Alameda County, California	633	7.7	1.1	(5.5–9.9)
Contra Costa County, California	487	10.3	1.4	(7.5–13.1)
Los Angeles County, California	1,782	6.7	0.6	(5.6–7.8)
Orange County, California	1,277	8.9	0.8	(7.4–10.4)
Riverside County, California	912	6.9	0.8	(5.4–8.4)
Sacramento County, California	683	8.4	1.1	(6.3–10.5)
San Bernardino County, California	793	8.0	0.9	(6.3–9.7)
San Diego County, California	1,429	8.0	0.8	(6.5–9.5)
San Francisco County, California	373	9.2	1.7	(5.8–12.6)
San Mateo County, California	323	12.0	1.9	(8.2–15.8)
Santa Clara County, California	772	7.4	1.1	(5.3–9.5)
Adams County, Colorado	782	6.5	0.8	(5.0–8.0)
Arapahoe County, Colorado	834	8.1	0.9	(6.4–9.8)
Denver County, Colorado	821	7.5	0.8	(5.9–9.1)
Douglas County, Colorado	508	11.4	1.4	(8.6–14.2)
El Paso County, Colorado	929	8.1	0.9	(6.4–9.8)
Jefferson County, Colorado	1,024	11.0	1.0	(9.0–13.0)
Larimer County, Colorado	527	9.4	1.2	(7.1–11.7)
Weld County, Colorado	457	7.2	1.3	(4.6–9.8)
Fairfield County, Connecticut	1,832	9.1	0.8	(7.5–10.7)
Hartford County, Connecticut	1,425	9.4	0.8	(7.8–11.0)
Middlesex County, Connecticut	253	12.4	2.3	(7.9–16.9)
New Haven County, Connecticut	1,562	10.7	1.0	(8.8–12.6)
Tolland County, Connecticut	286	7.9	1.5	(4.9–10.9)
Kent County, Delaware	1,295	8.8	0.8	(7.3–10.3)
New Castle County, Delaware	1,327	9.8	0.8	(8.2–11.4)
Sussex County, Delaware	1,316	12.6	1.0	(10.7–14.5)
District of Columbia	3,589	7.6	0.4	(6.8–8.4)
Broward County, Florida	250	10.4	2.1	(6.4–14.4)
Duval County, Florida	479	11.9	1.6	(8.8–15.0)
Hillsborough County, Florida	264	10.6	2.0	(6.6–14.6)
Miami–Dade County, Florida	244	10.1	1.9	(6.4–13.8)
Orange County, Florida	269	9.6	2.4	(4.9–14.3)
Osceola County, Florida	266	11.3	2.1	(7.1–15.5)
Palm Beach County, Florida	262	14.3	2.2	(10.0–18.6)
Pinellas County, Florida	258	15.5	2.3	(11.1–19.9)
Clayton County, Georgia	237	3.9	1.2	(1.5–6.3)
Cobb County, Georgia	270	8.9	1.7	(5.5–12.3)
DeKalb County, Georgia	293	6.5	1.5	(3.6–9.4)
Fulton County, Georgia	314	9.7	2.2	(5.3–14.1)
Hawaii County, Hawaii	1,417	9.2	0.8	(7.7–10.7)
Honolulu County, Hawaii	2,861	8.2	0.5	(7.2–9.2)
Kauai County, Hawaii	613	10.8	1.5	(7.8–13.8)
Maui County, Hawaii	1,451	10.0	0.8	(8.3–11.7)
Ada County, Idaho	645	10.5	1.2	(8.1–12.9)
Bonneville County, Idaho	368	6.9	1.2	(4.6–9.2)
Canyon County, Idaho	431	9.8	1.5	(6.8–12.8)
Nez Perce County, Idaho	286	15.3	2.3	(10.9–19.7)
Cook County, Illinois	1,794	6.8	0.6	(5.6–8.0)
DuPage County, Illinois	384	8.2	1.3	(5.6–10.8)
Lake County, Illinois	291	8.5	1.8	(5.0–12.0)
Will County, Illinois	285	9.4	1.8	(5.9–12.9)
Allen County, Indiana	475	9.0	1.2	(6.6–11.4)
Lake County, Indiana	875	11.2	1.5	(8.2–14.2)

See table footnotes on page 211.

**TABLE 66. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,364	8.1	0.8	(6.5–9.7)
Vanderburgh County, Indiana	237	14.3	2.7	(9.1–19.5)
Linn County, Iowa	490	9.5	1.4	(6.8–12.2)
Polk County, Iowa	775	8.8	1.0	(6.9–10.7)
Scott County, Iowa	347	8.2	1.4	(5.5–10.9)
Butler County, Kansas	431	8.4	1.3	(5.9–10.9)
Douglas County, Kansas	596	7.3	1.1	(5.2–9.4)
Johnson County, Kansas	3,152	10.5	0.6	(9.4–11.6)
Leavenworth County, Kansas	457	7.9	1.4	(5.1–10.7)
Riley County, Kansas	279	8.0	2.2	(3.6–12.4)
Sedgwick County, Kansas	2,937	8.8	0.5	(7.8–9.8)
Shawnee County, Kansas	1,372	10.9	0.9	(9.2–12.6)
Wyandotte County, Kansas	1,042	8.0	0.9	(6.3–9.7)
Jefferson County, Kentucky	1,713	12.4	1.6	(9.2–15.6)
Caddo Parish, Louisiana	420	9.4	2.0	(5.5–13.3)
Calcasieu Parish, Louisiana	588	8.0	1.1	(5.8–10.2)
East Baton Rouge Parish, Louisiana	704	8.5	1.1	(6.3–10.7)
Jefferson Parish, Louisiana	547	8.9	1.2	(6.5–11.3)
Orleans Parish, Louisiana	368	7.7	1.7	(4.4–11.0)
Rapides Parish, Louisiana	443	8.9	1.4	(6.2–11.6)
St. Tammany Parish, Louisiana	417	12.0	1.6	(8.9–15.1)
Terrebonne Parish, Louisiana	289	12.6	2.6	(7.5–17.7)
Cumberland County, Maine	1,298	9.8	0.8	(8.3–11.3)
Kennebec County, Maine	633	12.4	1.4	(9.7–15.1)
Penobscot County, Maine	718	8.5	1.0	(6.5–10.5)
Sagadahoc County, Maine	334	10.5	1.8	(6.9–14.1)
York County, Maine	929	9.5	1.1	(7.4–11.6)
Anne Arundel County, Maryland	529	12.2	1.5	(9.3–15.1)
Baltimore County, Maryland	928	10.2	1.0	(8.2–12.2)
Cecil County, Maryland	234	7.9	1.8	(4.3–11.5)
Charles County, Maryland	303	8.0	1.5	(5.0–11.0)
Frederick County, Maryland	522	8.3	1.1	(6.1–10.5)
Harford County, Maryland	247	9.7	1.8	(6.1–13.3)
Howard County, Maryland	329	8.3	1.6	(5.2–11.4)
Montgomery County, Maryland	1,014	10.1	1.0	(8.1–12.1)
Prince George's County, Maryland	592	6.8	1.0	(4.8–8.8)
Queen Anne's County, Maryland	253	12.8	2.2	(8.6–17.0)
Washington County, Maryland	338	12.2	2.0	(8.2–16.2)
Baltimore City, Maryland	489	7.6	1.2	(5.2–10.0)
Bristol County, Massachusetts	2,672	10.0	1.0	(8.0–12.0)
Essex County, Massachusetts	2,061	12.0	1.0	(10.0–14.0)
Hampden County, Massachusetts	1,451	10.3	1.1	(8.1–12.5)
Hampshire County, Massachusetts	268	7.8	1.5	(4.9–10.7)
Middlesex County, Massachusetts	2,776	10.2	0.7	(8.8–11.6)
Norfolk County, Massachusetts	848	10.6	1.2	(8.3–12.9)
Plymouth County, Massachusetts	582	11.6	1.4	(8.9–14.3)
Suffolk County, Massachusetts	1,616	6.6	0.6	(5.4–7.8)
Worcester County, Massachusetts	1,862	8.7	0.8	(7.2–10.2)
Kent County, Michigan	457	7.8	1.2	(5.4–10.2)
Macomb County, Michigan	505	9.2	1.5	(6.3–12.1)
Oakland County, Michigan	916	11.9	1.2	(9.5–14.3)
Wayne County, Michigan	1,954	8.3	0.8	(6.8–9.8)
Anoka County, Minnesota	290	6.9	1.5	(3.9–9.9)
Dakota County, Minnesota	376	7.3	1.2	(4.9–9.7)
Hennepin County, Minnesota	1,126	9.1	0.9	(7.3–10.9)
Ramsey County, Minnesota	529	8.0	1.1	(5.8–10.2)
DeSoto County, Mississippi	600	9.9	1.4	(7.1–12.7)
George County, Mississippi	364	9.4	1.4	(6.6–12.2)
Hancock County, Mississippi	327	14.9	2.1	(10.9–18.9)
Harrison County, Mississippi	277	11.3	2.1	(7.3–15.3)
Hinds County, Mississippi	489	8.7	1.3	(6.1–11.3)
Jackson County, Mississippi	316	9.4	1.6	(6.2–12.6)
Rankin County, Mississippi	313	9.1	1.7	(5.8–12.4)

See table footnotes on page 211.



**TABLE 66. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	312	12.1	2.2	(7.8–16.4)
Jackson County, Missouri	457	9.5	1.3	(7.0–12.0)
St. Louis County, Missouri	440	11.1	1.8	(7.5–14.7)
St. Louis City, Missouri	441	8.9	1.5	(6.0–11.8)
Flathead County, Montana	519	10.4	1.3	(7.8–13.0)
Gallatin County, Montana	566	9.6	1.3	(7.1–12.1)
Silver Bow County, Montana	553	13.0	1.4	(10.2–15.8)
Yellowstone County, Montana	544	10.0	1.2	(7.6–12.4)
Adams County, Nebraska	426	9.0	1.2	(6.6–11.4)
Dakota County, Nebraska	656	6.5	0.9	(4.7–8.3)
Douglas County, Nebraska	878	8.6	1.0	(6.7–10.5)
Hall County, Nebraska	565	9.8	1.1	(7.6–12.0)
Lancaster County, Nebraska	759	8.6	1.1	(6.5–10.7)
Lincoln County, Nebraska	468	12.5	1.7	(9.3–15.7)
Madison County, Nebraska	393	9.4	1.4	(6.7–12.1)
Sarpy County, Nebraska	552	9.2	1.5	(6.3–12.1)
Scotts Bluff County, Nebraska	710	10.5	1.1	(8.3–12.7)
Seward County, Nebraska	264	9.7	1.8	(6.2–13.2)
Clark County, Nevada	1,135	9.9	0.9	(8.1–11.7)
Washoe County, Nevada	1,194	10.7	0.9	(8.9–12.5)
Grafton County, New Hampshire	495	9.2	1.3	(6.7–11.7)
Hillsborough County, New Hampshire	1,368	9.9	1.0	(8.0–11.8)
Merrimack County, New Hampshire	611	9.5	1.1	(7.3–11.7)
Rockingham County, New Hampshire	961	9.4	0.9	(7.6–11.2)
Strafford County, New Hampshire	606	7.4	0.9	(5.6–9.2)
Atlantic County, New Jersey	870	8.9	1.0	(7.0–10.8)
Bergen County, New Jersey	582	9.3	1.2	(7.0–11.6)
Burlington County, New Jersey	531	9.6	1.4	(6.8–12.4)
Camden County, New Jersey	575	7.0	1.0	(5.0–9.0)
Cape May County, New Jersey	476	14.7	1.8	(11.2–18.2)
Essex County, New Jersey	981	6.3	0.9	(4.6–8.0)
Gloucester County, New Jersey	484	8.4	1.3	(5.9–10.9)
Hudson County, New Jersey	935	6.7	0.9	(4.9–8.5)
Hunterdon County, New Jersey	527	8.6	1.2	(6.2–11.0)
Mercer County, New Jersey	476	10.5	1.5	(7.5–13.5)
Middlesex County, New Jersey	566	8.5	1.2	(6.2–10.8)
Monmouth County, New Jersey	517	10.8	1.4	(8.1–13.5)
Morris County, New Jersey	668	9.4	1.2	(7.1–11.7)
Ocean County, New Jersey	492	14.0	1.7	(10.7–17.3)
Passaic County, New Jersey	470	11.0	1.8	(7.4–14.6)
Somerset County, New Jersey	525	8.0	1.3	(5.5–10.5)
Sussex County, New Jersey	461	7.8	1.3	(5.2–10.4)
Union County, New Jersey	481	7.2	1.2	(4.8–9.6)
Warren County, New Jersey	458	8.2	1.2	(5.8–10.6)
Bernalillo County, New Mexico	1,364	8.7	0.7	(7.3–10.1)
Dona Ana County, New Mexico	691	9.0	1.2	(6.7–11.3)
McKinley County, New Mexico	530	5.8	1.0	(3.9–7.7)
Sandoval County, New Mexico	607	10.1	1.4	(7.4–12.8)
San Juan County, New Mexico	836	8.0	1.0	(6.0–10.0)
Santa Fe County, New Mexico	726	11.2	1.2	(8.9–13.5)
Valencia County, New Mexico	358	10.2	1.8	(6.7–13.7)
Erie County, New York	419	10.3	1.7	(6.9–13.7)
Kings County, New York	400	9.8	1.6	(6.7–12.9)
Monroe County, New York	360	10.3	1.5	(7.4–13.2)
Nassau County, New York	403	12.6	1.7	(9.2–16.0)
New York County, New York	483	9.0	1.4	(6.3–11.7)
Queens County, New York	435	9.2	1.6	(6.1–12.3)
Suffolk County, New York	469	10.1	1.3	(7.5–12.7)
Westchester County, New York	313	9.7	1.8	(6.2–13.2)
Buncombe County, North Carolina	383	16.2	2.0	(12.3–20.1)
Cabarrus County, North Carolina	325	7.2	1.4	(4.4–10.0)
Catawba County, North Carolina	350	10.4	1.5	(7.5–13.3)
Cumberland County, North Carolina	363	9.1	1.6	(5.9–12.3)

See table footnotes on page 211.

**TABLE 66. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	400	10.1	1.4	(7.3–12.9)
Gaston County, North Carolina	329	12.2	2.0	(8.4–16.0)
Guilford County, North Carolina	403	10.6	1.7	(7.3–13.9)
Henderson County, North Carolina	251	15.5	2.5	(10.7–20.3)
Johnston County, North Carolina	343	8.2	1.4	(5.5–10.9)
Mecklenburg County, North Carolina	593	7.7	1.0	(5.7–9.7)
New Hanover County, North Carolina	391	10.0	1.4	(7.2–12.8)
Orange County, North Carolina	356	11.2	1.8	(7.7–14.7)
Randolph County, North Carolina	339	10.8	1.7	(7.5–14.1)
Union County, North Carolina	352	7.5	1.5	(4.5–10.5)
Wake County, North Carolina	571	9.9	1.2	(7.6–12.2)
Burleigh County, North Dakota	534	9.7	1.8	(6.1–13.3)
Cass County, North Dakota	718	7.4	0.9	(5.6–9.2)
Ward County, North Dakota	455	10.2	1.5	(7.3–13.1)
Cuyahoga County, Ohio	667	10.3	1.2	(8.0–12.6)
Franklin County, Ohio	631	8.8	1.1	(6.6–11.0)
Hamilton County, Ohio	655	10.5	1.2	(8.1–12.9)
Lucas County, Ohio	649	8.4	1.1	(6.2–10.6)
Mahoning County, Ohio	655	8.9	1.1	(6.6–11.2)
Montgomery County, Ohio	647	9.1	1.2	(6.7–11.5)
Stark County, Ohio	659	11.3	1.3	(8.8–13.8)
Summit County, Ohio	652	10.3	1.1	(8.1–12.5)
Canadian County, Oklahoma	258	9.8	1.9	(6.1–13.5)
Cleveland County, Oklahoma	407	9.1	1.3	(6.5–11.7)
Oklahoma County, Oklahoma	1,179	10.5	0.9	(8.8–12.2)
Tulsa County, Oklahoma	1,523	10.3	0.8	(8.8–11.8)
Clackamas County, Oregon	402	14.3	1.9	(10.6–18.0)
Multnomah County, Oregon	614	12.4	1.4	(9.6–15.2)
Washington County, Oregon	409	12.3	1.8	(8.7–15.9)
Allegheny County, Pennsylvania	669	9.2	1.1	(7.0–11.4)
Bucks County, Pennsylvania	294	10.3	1.7	(7.0–13.6)
Delaware County, Pennsylvania	239	12.1	2.2	(7.8–16.4)
Fayette County, Pennsylvania	765	13.6	1.9	(9.9–17.3)
Luzerne County, Pennsylvania	730	9.5	1.3	(7.0–12.0)
Montgomery County, Pennsylvania	369	11.6	1.8	(8.1–15.1)
Philadelphia County, Pennsylvania	453	9.7	1.4	(6.9–12.5)
Westmoreland County, Pennsylvania	239	15.8	2.5	(10.9–20.7)
Kent County, Rhode Island	827	11.7	1.1	(9.5–13.9)
Newport County, Rhode Island	458	11.0	1.4	(8.2–13.8)
Providence County, Rhode Island	3,821	9.6	0.5	(8.6–10.6)
Washington County, Rhode Island	671	13.9	1.4	(11.1–16.7)
Aiken County, South Carolina	442	13.0	1.6	(9.8–16.2)
Beaufort County, South Carolina	650	15.6	1.7	(12.3–18.9)
Berkeley County, South Carolina	345	13.6	2.6	(8.5–18.7)
Charleston County, South Carolina	652	13.1	1.9	(9.3–16.9)
Greenville County, South Carolina	521	10.5	2.0	(6.5–14.5)
Horry County, South Carolina	657	12.6	1.3	(10.1–15.1)
Richland County, South Carolina	705	6.7	1.1	(4.6–8.8)
Minnehaha County, South Dakota	570	8.6	1.0	(6.6–10.6)
Pennington County, South Dakota	757	12.0	1.2	(9.7–14.3)
Davidson County, Tennessee	411	6.8	1.2	(4.5–9.1)
Hamilton County, Tennessee	405	10.0	1.6	(6.8–13.2)
Shelby County, Tennessee	343	8.0	1.5	(5.1–10.9)
Sullivan County, Tennessee	330	11.0	1.8	(7.4–14.6)
Bexar County, Texas	637	9.5	1.2	(7.1–11.9)
Dallas County, Texas	297	8.3	1.7	(5.1–11.5)
El Paso County, Texas	858	6.2	0.8	(4.7–7.7)
Fort Bend County, Texas	647	7.4	1.0	(5.4–9.4)
Harris County, Texas	1,080	6.7	0.7	(5.3–8.1)
Hidalgo County, Texas	493	6.7	1.0	(4.7–8.7)
Lubbock County, Texas	482	9.7	1.4	(7.0–12.4)
Tarrant County, Texas	460	12.5	1.7	(9.1–15.9)
Travis County, Texas	886	10.7	1.7	(7.4–14.0)

See table footnotes on page 211.

**TABLE 66. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had ever been told by a health professional that they had cancer, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	569	8.3	1.1	(6.1–10.5)
Davis County, Utah	786	8.0	0.9	(6.2–9.8)
Salt Lake County, Utah	3,168	8.7	0.5	(7.7–9.7)
Summit County, Utah	480	7.6	1.5	(4.6–10.6)
Tooele County, Utah	478	7.5	1.2	(5.2–9.8)
Utah County, Utah	1,038	6.7	0.9	(5.0–8.4)
Wasatch County, Utah	511	7.4	1.2	(5.1–9.7)
Weber County, Utah	750	8.2	0.9	(6.4–10.0)
Chittenden County, Vermont	1,355	9.4	0.8	(7.9–10.9)
Franklin County, Vermont	426	9.8	1.5	(6.9–12.7)
Orange County, Vermont	347	8.6	1.5	(5.7–11.5)
Rutland County, Vermont	686	9.3	1.0	(7.3–11.3)
Washington County, Vermont	670	8.8	1.1	(6.6–11.0)
Windsor County, Vermont	618	13.1	1.5	(10.2–16.0)
Benton County, Washington	412	10.8	1.5	(7.9–13.7)
Chelan County, Washington	286	12.5	2.0	(8.6–16.4)
Clark County, Washington	1,099	10.9	0.9	(9.1–12.7)
Douglas County, Washington	265	10.9	1.9	(7.2–14.6)
King County, Washington	3,122	9.9	0.6	(8.8–11.0)
Kitsap County, Washington	919	10.7	1.0	(8.7–12.7)
Pierce County, Washington	1,700	10.2	0.7	(8.8–11.6)
Skamania County, Washington	250	11.8	2.4	(7.1–16.5)
Snohomish County, Washington	1,620	10.1	0.8	(8.6–11.6)
Spokane County, Washington	1,215	10.0	0.9	(8.3–11.7)
Thurston County, Washington	800	12.2	1.2	(9.9–14.5)
Yakima County, Washington	764	9.7	1.1	(7.5–11.9)
Kanawha County, West Virginia	553	10.1	1.4	(7.4–12.8)
Milwaukee County, Wisconsin	557	7.9	1.3	(5.3–10.5)
Fremont County, Wyoming	481	12.2	1.8	(8.7–15.7)
Laramie County, Wyoming	895	9.7	0.9	(7.8–11.6)
Natrona County, Wyoming	740	11.8	1.2	(9.5–14.1)
<i>Median</i>		9.6		
<i>Range</i>		3.9–16.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 67. Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,732	7.6	0.5	(6.6–8.6)
Alaska	2,406	9.0	0.9	(7.3–10.7)
Arizona	5,443	10.8	0.9	(9.0–12.6)
Arkansas	3,980	7.6	0.6	(6.3–8.9)
California	17,362	7.8	0.3	(7.2–8.4)
Colorado	11,850	8.2	0.4	(7.4–9.0)
Connecticut	6,457	9.4	0.6	(8.2–10.6)
Delaware	4,306	8.8	0.7	(7.4–10.2)
District of Columbia	3,870	9.9	0.7	(8.6–11.2)
Florida	11,991	6.9	0.4	(6.0–7.8)
Georgia	5,863	6.9	0.6	(5.8–8.0)
Hawaii	6,638	9.4	0.5	(8.4–10.4)
Idaho	5,356	8.4	0.5	(7.4–9.4)
Illinois	5,836	9.0	0.5	(7.9–10.1)
Indiana	9,229	9.1	0.5	(8.2–10.0)
Iowa	5,996	6.8	0.4	(6.0–7.6)
Kansas	18,795	8.5	0.3	(7.9–9.1)
Kentucky	9,586	10.2	0.6	(9.1–11.3)
Louisiana	8,841	6.3	0.4	(5.6–7.0)
Maine	8,031	10.8	0.5	(9.9–11.7)
Maryland	8,516	9.1	0.5	(8.1–10.1)
Massachusetts	16,598	10.8	0.4	(9.9–11.7)
Michigan	9,192	10.0	0.5	(9.1–10.9)
Minnesota	5,590	6.6	0.5	(5.6–7.6)
Mississippi	11,132	7.6	0.4	(6.8–8.4)
Missouri	5,026	9.5	0.7	(8.1–10.9)
Montana	7,582	8.1	0.5	(7.2–9.0)
Nebraska	15,897	7.6	0.5	(6.7–8.5)
Nevada	3,826	9.0	0.9	(7.3–10.7)
New Hampshire	5,956	10.3	0.6	(9.2–11.4)
New Jersey	12,301	7.7	0.4	(7.0–8.4)
New Mexico	8,788	8.6	0.4	(7.7–9.5)
New York	6,873	9.8	0.5	(8.8–10.8)
North Carolina	13,218	7.8	0.4	(7.0–8.6)
North Dakota	4,736	8.8	0.6	(7.6–10.0)
Ohio	9,704	9.9	0.5	(8.9–10.9)
Oklahoma	7,791	10.0	0.5	(9.0–11.0)
Oregon	4,250	11.1	0.7	(9.7–12.5)
Pennsylvania	9,113	9.1	0.5	(8.2–10.0)
Rhode Island	6,239	10.1	0.5	(9.0–11.2)
South Carolina	9,794	7.8	0.5	(6.9–8.7)
South Dakota	6,785	7.7	0.5	(6.6–8.8)
Tennessee	5,561	8.1	0.5	(7.0–9.2)
Texas	11,512	6.5	0.4	(5.8–7.2)
Utah	10,084	8.0	0.4	(7.2–8.8)
Vermont	6,619	9.9	0.5	(8.9–10.9)
Virginia	5,157	7.8	0.6	(6.6–9.0)
Washington	20,125	8.8	0.3	(8.2–9.4)
West Virginia	4,796	8.8	0.5	(7.8–9.8)
Wisconsin	4,538	9.8	0.7	(8.3–11.3)
Wyoming	6,009	8.9	0.5	(7.9–9.9)
Guam	1,260	5.0	0.7	(3.6–6.4)
Puerto Rico	4,229	7.6	0.5	(6.5–8.7)
Virgin Islands	2,495	4.4	0.5	(3.4–5.4)
<i>Median</i>		8.8		
<i>Range</i>		4.4–11.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Defined as ever having been told by doctor, nurse, or other health professional that the respondent had asthma and reporting that they still have asthma.

**TABLE 68. Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	776	10.6	1.7	(7.3–13.9)
Albuquerque, New Mexico	2,597	8.5	0.7	(7.1–9.9)
Alexandria, Louisiana	524	7.4	1.4	(4.6–10.2)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	858	9.0	1.6	(5.8–12.2)
Anchorage, Alaska	507	9.6	1.4	(6.8–12.4)
Asheville, North Carolina	846	7.2	1.1	(5.1–9.3)
Atlanta–Sandy Springs–Marietta, Georgia	2,322	6.5	0.7	(5.0–8.0)
Atlantic City–Hammonton, New Jersey	925	6.8	0.9	(5.0–8.6)
Augusta–Richmond County, Georgia–South Carolina	872	7.0	1.3	(4.5–9.5)
Augusta–Waterville, Maine	652	11.7	1.7	(8.4–15.0)
Austin–Round Rock, Texas	1,604	7.3	1.0	(5.2–9.4)
Baltimore–Towson, Maryland	3,091	10.6	0.8	(9.0–12.2)
Bangor, Maine	730	13.9	1.8	(10.4–17.4)
Barre, Vermont	686	6.9	1.3	(4.4–9.4)
Baton Rouge, Louisiana	1,205	7.3	1.2	(5.0–9.6)
Bethesda–Frederick–Gaithersburg, Maryland <sup>†</sup>	1,606	8.1	1.1	(6.0–10.2)
Billings, Montana	622	8.6	1.4	(5.9–11.3)
Birmingham–Hoover, Alabama	1,159	8.1	1.1	(5.9–10.3)
Bismarck, North Dakota	740	9.1	1.8	(5.5–12.7)
Boise City–Nampa, Idaho	1,279	6.4	0.9	(4.7–8.1)
Boston–Quincy, Massachusetts <sup>†</sup>	3,385	10.4	0.8	(8.8–12.0)
Bozeman, Montana	586	4.9	0.9	(3.1–6.7)
Bremerton–Silverdale, Washington	929	10.2	1.3	(7.7–12.7)
Bridgeport–Stamford–Norwalk, Connecticut	1,924	7.9	1.2	(5.5–10.3)
Buffalo–Niagara Falls, New York	549	9.4	1.8	(5.9–12.9)
Burlington–South Burlington, Vermont	1,922	8.8	0.9	(7.1–10.5)
Butte–Silver Bow, Montana	577	10.4	2.1	(6.2–14.6)
Cambridge–Newton–Framingham, Massachusetts <sup>†</sup>	3,058	10.9	1.0	(8.9–12.9)
Camden, New Jersey <sup>†</sup>	1,678	9.9	1.0	(7.9–11.9)
Canton–Massillon, Ohio	717	8.5	1.3	(6.0–11.0)
Casper, Wyoming	770	8.2	1.1	(6.0–10.4)
Cedar Rapids, Iowa	594	6.6	1.4	(3.9–9.3)
Charleston, West Virginia	853	8.1	1.1	(5.9–10.3)
Charleston–North Charleston–Summerville, South Carolina	1,188	6.9	1.4	(4.2–9.6)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,867	7.1	0.8	(5.6–8.6)
Chattanooga, Tennessee–Georgia	595	9.3	1.6	(6.1–12.5)
Cheyenne, Wyoming	936	8.7	1.2	(6.4–11.0)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,597	9.1	0.7	(7.8–10.4)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,724	8.8	1.0	(6.8–10.8)
Cleveland–Elyria–Mentor, Ohio	1,081	11.9	1.5	(9.0–14.8)
Colorado Springs, Colorado	1,173	7.1	0.9	(5.3–8.9)
Columbia, South Carolina	1,192	4.2	0.7	(2.9–5.5)
Columbus, Ohio	1,387	6.8	0.9	(5.1–8.5)
Concord, New Hampshire	630	10.0	1.5	(7.0–13.0)
Dallas–Plano–Irving, Texas <sup>†</sup>	586	7.2	1.8	(3.7–10.7)
Davenport–Moline–Rock Island, Iowa–Illinois	519	7.9	2.1	(3.7–12.1)
Dayton, Ohio	815	12.1	1.8	(8.6–15.6)
Denver–Aurora, Colorado	4,832	8.1	0.5	(7.0–9.2)
Des Moines–West Des Moines, Iowa	1,053	9.0	1.1	(6.8–11.2)
Detroit–Livonia–Dearborn, Michigan <sup>†</sup>	2,058	9.7	0.9	(7.9–11.5)
Dover, Delaware	1,419	8.4	1.0	(6.5–10.3)
Durham, North Carolina	890	5.9	1.1	(3.8–8.0)
Edison–New Brunswick, New Jersey <sup>†</sup>	2,254	7.5	0.8	(6.0–9.0)
El Paso, Texas	910	6.6	1.0	(4.6–8.6)
Evansville, Indiana–Kentucky	582	8.5	1.4	(5.7–11.3)
Fargo, North Dakota–Minnesota	808	8.9	2.2	(4.6–13.2)
Farmington, New Mexico	897	6.2	1.0	(4.2–8.2)
Fayetteville, North Carolina	543	6.5	1.3	(4.0–9.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	664	10.1	2.2	(5.8–14.4)
Fort Collins–Loveland, Colorado	580	10.4	2.6	(5.3–15.5)
Fort Wayne, Indiana	598	10.3	2.1	(6.2–14.4)
Fort Worth–Arlington, Texas <sup>†</sup>	596	5.1	0.9	(3.3–6.9)
Gallup, New Mexico	570	7.0	1.4	(4.3–9.7)

See table footnotes on page 215.

**TABLE 68. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	822	8.1	1.4	(5.4–10.8)
Grand Rapids–Wyoming, Michigan	645	12.5	1.9	(8.8–16.2)
Greeley, Colorado	502	8.2	1.6	(5.1–11.3)
Greensboro–High Point, North Carolina	823	9.2	1.9	(5.4–13.0)
Greenville–Mauldin–Easley, South Carolina	860	9.0	1.5	(6.0–12.0)
Gulfport–Biloxi, Mississippi	955	6.1	1.1	(3.9–8.3)
Hagerstown–Martinsburg, Maryland–West Virginia	618	7.8	1.3	(5.3–10.3)
Hartford–West Hartford–East Hartford, Connecticut	2,053	9.1	1.1	(7.0–11.2)
Hastings, Nebraska	574	7.4	1.8	(3.9–10.9)
Heber, Utah	525	6.6	1.8	(3.1–10.1)
Hickory–Lenoir–Morganton, North Carolina	793	8.9	1.4	(6.1–11.7)
Hilo, Hawaii	1,478	11.2	1.1	(9.1–13.3)
Hilton Head Island–Beaufort, South Carolina	805	7.0	1.2	(4.7–9.3)
Honolulu, Hawaii	2,983	9.3	0.7	(7.9–10.7)
Houma–Bayou Cane–Thibodaux, Louisiana	533	6.7	1.7	(3.5–9.9)
Houston–Sugar Land–Baytown, Texas	2,150	6.2	0.7	(4.9–7.5)
Huntington–Ashland, West Virginia–Kentucky–Ohio	692	9.7	1.6	(6.6–12.8)
Idaho Falls, Idaho	500	11.5	1.8	(7.9–15.1)
Indianapolis–Carmel, Indiana	2,205	9.5	0.9	(7.7–11.3)
Jackson, Mississippi	1,204	9.4	1.2	(7.0–11.8)
Jacksonville, Florida	1,078	9.3	1.7	(6.0–12.6)
Kahului–Wailuku, Hawaii	1,531	9.5	1.0	(7.6–11.4)
Kalispell, Montana	553	6.3	1.2	(4.0–8.6)
Kansas City, Missouri–Kansas	6,192	9.0	0.7	(7.6–10.4)
Kapaa, Hawaii	646	6.5	1.3	(4.0–9.0)
Kennewick–Pasco–Richland, Washington	658	8.4	1.4	(5.7–11.1)
Kingsport–Bristol–Bristol, Tennessee–Virginia	515	8.0	1.7	(4.7–11.3)
Lake Charles, Louisiana	621	6.9	1.2	(4.6–9.2)
Las Cruces, New Mexico	731	8.1	1.2	(5.7–10.5)
Las Vegas–Paradise, Nevada	1,218	9.2	1.2	(6.9–11.5)
Lawrence, Kansas	596	8.3	1.8	(4.8–11.8)
Lebanon, New Hampshire–Vermont	1,514	10.8	1.1	(8.7–12.9)
Lewiston, Idaho–Washington	535	14.6	2.4	(9.9–19.3)
Lincoln, Nebraska	1,056	12.9	2.0	(9.0–16.8)
Little Rock–North Little Rock–Conway, Arkansas	836	6.8	1.2	(4.5–9.1)
Los Angeles–Long Beach–Glendale, California <sup>†</sup>	2,167	6.6	0.7	(5.3–7.9)
Louisville/Jefferson County, Kentucky–Indiana	2,291	9.7	1.4	(6.9–12.5)
Lubbock, Texas	519	13.1	2.5	(8.2–18.0)
Manchester–Nashua, New Hampshire	1,427	10.5	1.3	(8.0–13.0)
Manhattan, Kansas	602	9.3	1.8	(5.7–12.9)
McAllen–Edinburg–Mission, Texas	534	3.2	0.7	(1.8–4.6)
Memphis, Tennessee–Mississippi–Arkansas	1,525	7.0	1.4	(4.3–9.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	851	4.6	1.0	(2.7–6.5)
Milwaukee–Waukesha–West Allis, Wisconsin	844	7.5	1.2	(5.1–9.9)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,114	7.5	0.7	(6.2–8.8)
Minot, North Dakota	537	9.8	1.5	(6.9–12.7)
Mobile, Alabama	708	6.0	0.9	(4.2–7.8)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	681	9.7	1.8	(6.1–13.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	840	6.5	1.3	(4.0–9.0)
Nassau–Suffolk, New York <sup>†</sup>	937	8.2	1.3	(5.7–10.7)
Newark–Union, New Jersey–Pennsylvania <sup>†</sup>	3,350	7.1	0.7	(5.7–8.5)
New Haven–Milford, Connecticut	1,641	9.2	1.1	(7.1–11.3)
New Orleans–Metairie–Kenner, Louisiana	1,610	4.7	0.7	(3.4–6.0)
New York–White Plains–Wayne, New York–New Jersey <sup>†</sup>	4,403	8.5	0.6	(7.3–9.7)
Norfolk, Nebraska	628	6.4	1.1	(4.2–8.6)
North Platte, Nebraska	525	10.5	2.0	(6.6–14.4)
Oakland–Fremont–Hayward, California <sup>†</sup>	1,312	9.5	1.2	(7.2–11.8)
Ocean City, New Jersey	509	6.3	1.2	(3.9–8.7)
Ogden–Clearfield, Utah	1,603	8.6	1.0	(6.7–10.5)
Oklahoma City, Oklahoma	2,294	10.0	0.9	(8.3–11.7)
Olympia, Washington	815	10.7	1.3	(8.1–13.3)
Omaha–Council Bluffs, Nebraska–Iowa	2,332	5.8	0.6	(4.5–7.1)
Orlando–Kissimmee, Florida	913	6.0	1.0	(4.1–7.9)

See table footnotes on page 215.



**TABLE 68. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	704	6.9	1.3	(4.4–9.4)
Peabody, Massachusetts†	2,295	11.9	1.3	(9.4–14.4)
Philadelphia, Pennsylvania†	1,662	10.2	1.1	(8.1–12.3)
Phoenix–Mesa–Scottsdale, Arizona	1,576	11.9	1.3	(9.3–14.5)
Pittsburgh, Pennsylvania	2,173	8.9	1.0	(6.9–10.9)
Portland–South Portland–Biddeford, Maine	2,648	9.3	0.8	(7.8–10.8)
Portland–Vancouver–Beaverton, Oregon–Washington	3,062	9.7	0.9	(8.0–11.4)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,196	11.0	0.7	(9.7–12.3)
Provo–Orem, Utah	1,137	6.0	1.0	(4.1–7.9)
Raleigh–Cary, North Carolina	1,011	7.4	1.4	(4.7–10.1)
Rapid City, South Dakota	998	11.0	1.4	(8.3–13.7)
Reno–Sparks, Nevada	1,279	9.4	1.1	(7.3–11.5)
Richmond, Virginia	808	6.8	1.1	(4.6–9.0)
Riverside–San Bernardino–Ontario, California	2,032	7.9	0.8	(6.3–9.5)
Riverton, Wyoming	499	9.7	2.0	(5.8–13.6)
Rochester, New York	560	15.3	2.7	(10.0–20.6)
Rockingham County–Strafford County, New Hampshire†	1,619	9.6	1.0	(7.6–11.6)
Rutland, Vermont	703	9.6	1.3	(7.0–12.2)
Sacramento–Arden–Arcade–Roseville, California	1,268	9.9	1.1	(7.8–12.0)
St. Louis, Missouri–Illinois	1,622	8.6	1.3	(6.1–11.1)
Salt Lake City, Utah	4,292	9.0	0.6	(7.8–10.2)
San Antonio, Texas	812	8.3	1.2	(5.9–10.7)
San Diego–Carlsbad–San Marcos, California	1,703	7.1	0.8	(5.5–8.7)
San Francisco–San Mateo–Redwood City, California†	1,038	8.2	1.2	(5.9–10.5)
San Jose–Sunnyvale–Santa Clara, California	910	4.5	0.7	(3.0–6.0)
Santa Ana–Anaheim–Irvine, California†	1,522	6.9	0.8	(5.3–8.5)
Santa Fe, New Mexico	764	7.9	1.5	(5.0–10.8)
Scottsbluff, Nebraska	770	5.7	1.0	(3.8–7.6)
Scranton–Wilkes-Barre, Pennsylvania	928	10.1	1.7	(6.7–13.5)
Seaford, Delaware	1,448	8.2	0.9	(6.4–10.0)
Seattle–Bellevue–Everett, Washington†	4,831	8.3	0.5	(7.2–9.4)
Shreveport–Bossier City, Louisiana	682	4.6	0.9	(2.8–6.4)
Sioux City, Iowa–Nebraska–South Dakota	1,154	7.5	1.7	(4.1–10.9)
Sioux Falls, South Dakota	850	6.7	1.1	(4.5–8.9)
Spokane, Washington	1,242	8.4	1.1	(6.2–10.6)
Springfield, Massachusetts	2,080	10.1	1.1	(8.0–12.2)
Tacoma, Washington†	1,750	10.8	1.0	(8.8–12.8)
Tallahassee, Florida	580	7.2	1.8	(3.7–10.7)
Tampa–St. Petersburg–Clearwater, Florida	865	6.9	1.5	(4.0–9.8)
Toledo, Ohio	836	12.8	2.1	(8.7–16.9)
Topeka, Kansas	1,932	8.8	1.0	(6.8–10.8)
Trenton–Ewing, New Jersey	502	5.8	1.1	(3.6–8.0)
Tucson, Arizona	685	11.3	1.8	(7.8–14.8)
Tulsa, Oklahoma	2,286	9.7	1.0	(7.8–11.6)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,051	8.8	1.4	(6.1–11.5)
Warren–Troy–Farmington Hills, Michigan†	1,806	9.2	0.9	(7.5–10.9)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,082	8.0	0.9	(6.3–9.7)
Wenatchee, Washington	569	9.0	1.5	(6.1–11.9)
Wichita, Kansas	3,890	6.5	0.5	(5.5–7.5)
Wilmington, Delaware–Maryland–New Jersey†	1,865	9.1	0.9	(7.3–10.9)
Wilmington, North Carolina	503	6.6	1.6	(3.4–9.8)
Worcester, Massachusetts	2,044	10.6	1.3	(8.0–13.2)
Yakima, Washington	783	8.0	1.2	(5.7–10.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	882	7.6	1.4	(4.9–10.3)
<i>Median</i>		8.5		
<i>Range</i>		3.2–15.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Defined as ever having been told by doctor, nurse, or other health professional that the respondent had asthma and reporting that they still have asthma.

† Metropolitan division.

**TABLE 69. Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	604	8.7	1.5	(5.7–11.7)
Mobile County, Alabama	708	6.0	0.9	(4.2–7.8)
Anchorage Municipality, Alaska	369	8.7	1.6	(5.6–11.8)
Maricopa County, Arizona	1,199	11.8	1.4	(9.1–14.5)
Pima County, Arizona	685	11.3	1.8	(7.8–14.8)
Pinal County, Arizona	377	12.4	2.9	(6.8–18.0)
Benton County, Arkansas	332	13.2	2.7	(8.0–18.4)
Pulaski County, Arkansas	551	6.5	1.3	(4.0–9.0)
Washington County, Arkansas	287	4.9	1.4	(2.1–7.7)
Alameda County, California	733	9.2	1.7	(5.9–12.5)
Contra Costa County, California	579	10.8	1.7	(7.5–14.1)
Los Angeles County, California	2,167	6.6	0.7	(5.3–7.9)
Orange County, California	1,522	6.9	0.8	(5.3–8.5)
Riverside County, California	1,088	6.4	0.9	(4.7–8.1)
Sacramento County, California	766	9.4	1.2	(7.0–11.8)
San Bernardino County, California	944	9.2	1.3	(6.7–11.7)
San Diego County, California	1,703	7.1	0.8	(5.5–8.7)
San Francisco County, California	442	9.6	1.9	(5.9–13.3)
San Mateo County, California	391	7.2	1.6	(4.0–10.4)
Santa Clara County, California	886	4.5	0.8	(3.0–6.0)
Adams County, Colorado	861	8.3	1.1	(6.1–10.5)
Arapahoe County, Colorado	892	8.8	1.5	(5.9–11.7)
Denver County, Colorado	900	8.1	1.3	(5.6–10.6)
Douglas County, Colorado	569	8.8	1.5	(5.8–11.8)
El Paso County, Colorado	1,022	7.1	1.0	(5.2–9.0)
Jefferson County, Colorado	1,137	7.1	0.9	(5.3–8.9)
Larimer County, Colorado	580	10.4	2.6	(5.3–15.5)
Weld County, Colorado	502	8.2	1.6	(5.1–11.3)
Fairfield County, Connecticut	1,924	7.9	1.2	(5.5–10.3)
Hartford County, Connecticut	1,489	8.5	1.2	(6.2–10.8)
Middlesex County, Connecticut	268	10.8	2.5	(5.9–15.7)
New Haven County, Connecticut	1,641	9.2	1.1	(7.1–11.3)
Tolland County, Connecticut	296	7.0	1.7	(3.6–10.4)
Kent County, Delaware	1,419	8.4	1.0	(6.5–10.3)
New Castle County, Delaware	1,439	9.2	1.1	(7.1–11.3)
Sussex County, Delaware	1,448	8.2	0.9	(6.4–10.0)
District of Columbia	3,870	10.1	0.8	(8.6–11.6)
Broward County, Florida	270	5.3	2.0	(1.4–9.2)
Duval County, Florida	505	9.5	1.9	(5.8–13.2)
Hillsborough County, Florida	281	5.1	2.2	(0.8–9.4)
Miami–Dade County, Florida	282	4.1	1.2	(1.7–6.5)
Orange County, Florida	301	5.9	1.5	(3.0–8.8)
Osceola County, Florida	287	4.6	1.3	(2.0–7.2)
Palm Beach County, Florida	299	6.2	2.0	(2.3–10.1)
Pinellas County, Florida	275	6.4	1.9	(2.7–10.1)
Clayton County, Georgia	255	7.3	2.2	(2.9–11.7)
Cobb County, Georgia	285	6.9	2.8	(1.5–12.3)
DeKalb County, Georgia	306	7.5	2.3	(3.0–12.0)
Fulton County, Georgia	332	7.1	1.8	(3.5–10.7)
Hawaii County, Hawaii	1,478	11.2	1.1	(9.1–13.3)
Honolulu County, Hawaii	2,983	9.3	0.7	(7.9–10.7)
Kauai County, Hawaii	646	6.5	1.3	(4.0–9.0)
Maui County, Hawaii	1,531	9.5	1.0	(7.6–11.4)
Ada County, Idaho	676	6.0	1.1	(3.9–8.1)
Bonneville County, Idaho	386	11.9	2.1	(7.8–16.0)
Canyon County, Idaho	459	4.3	0.9	(2.4–6.2)
Nez Perce County, Idaho	298	12.5	3.1	(6.4–18.6)
Cook County, Illinois	1,890	7.9	0.8	(6.3–9.5)
DuPage County, Illinois	394	11.2	2.1	(7.1–15.3)
Lake County, Illinois	302	8.4	1.9	(4.6–12.2)
Will County, Illinois	300	7.9	1.9	(4.1–11.7)
Allen County, Indiana	501	10.3	2.2	(6.0–14.6)
Lake County, Indiana	982	8.6	1.6	(5.5–11.7)

See table footnotes on page 220.

**TABLE 69. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,506	9.9	1.2	(7.5–12.3)
Vanderburgh County, Indiana	256	8.1	1.9	(4.3–11.9)
Linn County, Iowa	519	7.0	1.6	(3.9–10.1)
Polk County, Iowa	805	8.6	1.3	(6.1–11.1)
Scott County, Iowa	369	6.1	1.4	(3.3–8.9)
Butler County, Kansas	441	6.9	1.5	(4.0–9.8)
Douglas County, Kansas	596	8.3	1.8	(4.8–11.8)
Johnson County, Kansas	3,205	8.6	0.7	(7.1–10.1)
Leavenworth County, Kansas	462	6.6	1.3	(4.0–9.2)
Riley County, Kansas	284	8.5	2.8	(3.1–13.9)
Sedgwick County, Kansas	3,012	6.5	0.6	(5.3–7.7)
Shawnee County, Kansas	1,402	8.8	1.1	(6.7–10.9)
Wyandotte County, Kansas	1,078	10.7	1.4	(8.0–13.4)
Jefferson County, Kentucky	1,789	11.3	2.2	(6.9–15.7)
Caddo Parish, Louisiana	435	5.0	1.2	(2.6–7.4)
Calcasieu Parish, Louisiana	604	6.9	1.2	(4.5–9.3)
East Baton Rouge Parish, Louisiana	718	7.2	1.4	(4.4–10.0)
Jefferson Parish, Louisiana	557	4.3	0.9	(2.6–6.0)
Orleans Parish, Louisiana	378	4.9	1.3	(2.3–7.5)
Rapides Parish, Louisiana	454	6.6	1.5	(3.8–9.4)
St. Tammany Parish, Louisiana	427	4.8	1.3	(2.2–7.4)
Terrebonne Parish, Louisiana	297	7.8	2.2	(3.5–12.1)
Cumberland County, Maine	1,341	10.1	1.2	(7.8–12.4)
Kennebec County, Maine	652	11.7	1.7	(8.4–15.0)
Penobscot County, Maine	730	13.9	1.8	(10.4–17.4)
Sagadahoc County, Maine	343	11.3	2.4	(6.6–16.0)
York County, Maine	964	7.9	1.1	(5.8–10.0)
Anne Arundel County, Maryland	558	10.9	1.7	(7.6–14.2)
Baltimore County, Maryland	979	10.9	1.3	(8.4–13.4)
Cecil County, Maryland	247	9.6	2.3	(5.0–14.2)
Charles County, Maryland	314	5.6	1.3	(3.1–8.1)
Frederick County, Maryland	546	7.8	1.3	(5.2–10.4)
Harford County, Maryland	259	7.3	2.2	(3.0–11.6)
Howard County, Maryland	335	4.2	1.1	(2.0–6.4)
Montgomery County, Maryland	1,060	8.0	1.2	(5.7–10.3)
Prince George's County, Maryland	637	7.3	1.3	(4.8–9.8)
Queen Anne's County, Maryland	263	5.4	1.4	(2.6–8.2)
Washington County, Maryland	359	9.2	1.7	(5.8–12.6)
Baltimore City, Maryland	512	13.9	2.2	(9.5–18.3)
Bristol County, Massachusetts	2,957	12.7	1.5	(9.8–15.6)
Essex County, Massachusetts	2,295	12.0	1.4	(9.3–14.7)
Hampden County, Massachusetts	1,605	10.6	1.1	(8.4–12.8)
Hampshire County, Massachusetts	292	8.9	2.2	(4.6–13.2)
Middlesex County, Massachusetts	3,058	10.8	1.0	(8.8–12.8)
Norfolk County, Massachusetts	935	12.4	1.7	(9.1–15.7)
Plymouth County, Massachusetts	661	9.9	1.4	(7.1–12.7)
Suffolk County, Massachusetts	1,789	9.2	1.0	(7.3–11.1)
Worcester County, Massachusetts	2,044	10.6	1.3	(8.0–13.2)
Kent County, Michigan	466	14.5	2.4	(9.7–19.3)
Macomb County, Michigan	528	9.5	1.5	(6.5–12.5)
Oakland County, Michigan	944	8.2	1.1	(6.0–10.4)
Wayne County, Michigan	2,058	9.7	0.9	(7.9–11.5)
Anoka County, Minnesota	292	6.9	1.6	(3.7–10.1)
Dakota County, Minnesota	380	7.6	1.8	(4.0–11.2)
Hennepin County, Minnesota	1,136	7.4	1.2	(5.1–9.7)
Ramsey County, Minnesota	528	9.3	1.9	(5.7–12.9)
DeSoto County, Mississippi	624	6.0	1.4	(3.3–8.7)
George County, Mississippi	377	6.3	1.8	(2.8–9.8)
Hancock County, Mississippi	339	8.7	2.1	(4.6–12.8)
Harrison County, Mississippi	289	5.5	1.7	(2.2–8.8)
Hinds County, Mississippi	504	8.3	1.9	(4.7–11.9)
Jackson County, Mississippi	327	7.2	1.5	(4.2–10.2)
Rankin County, Mississippi	330	9.5	2.2	(5.2–13.8)

See table footnotes on page 220.

**TABLE 69. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	327	6.0	1.5	(3.0–9.0)
Jackson County, Missouri	489	10.0	1.6	(6.9–13.1)
St. Louis County, Missouri	479	8.0	1.7	(4.7–11.3)
St. Louis City, Missouri	490	6.3	1.3	(3.7–8.9)
Flathead County, Montana	553	6.3	1.2	(4.0–8.6)
Gallatin County, Montana	586	4.9	0.9	(3.1–6.7)
Silver Bow County, Montana	577	10.4	2.1	(6.2–14.6)
Yellowstone County, Montana	573	8.6	1.4	(5.8–11.4)
Adams County, Nebraska	439	6.1	1.6	(3.0–9.2)
Dakota County, Nebraska	710	6.5	1.1	(4.3–8.7)
Douglas County, Nebraska	931	5.7	0.9	(4.0–7.4)
Hall County, Nebraska	593	9.2	1.7	(5.8–12.6)
Lancaster County, Nebraska	782	13.4	2.2	(9.1–17.7)
Lincoln County, Nebraska	495	11.1	2.1	(7.0–15.2)
Madison County, Nebraska	416	6.6	1.3	(4.0–9.2)
Sarpy County, Nebraska	581	5.1	1.4	(2.3–7.9)
Scotts Bluff County, Nebraska	754	5.7	1.0	(3.8–7.6)
Seward County, Nebraska	274	6.4	1.8	(2.8–10.0)
Clark County, Nevada	1,218	9.2	1.2	(6.9–11.5)
Washoe County, Nevada	1,250	9.3	1.1	(7.1–11.5)
Grafton County, New Hampshire	512	12.8	2.0	(8.8–16.8)
Hillsborough County, New Hampshire	1,427	10.5	1.3	(8.0–13.0)
Merrimack County, New Hampshire	630	10.0	1.5	(7.0–13.0)
Rockingham County, New Hampshire	996	10.0	1.3	(7.4–12.6)
Strafford County, New Hampshire	623	9.8	1.6	(6.6–13.0)
Atlantic County, New Jersey	925	6.8	0.9	(5.0–8.6)
Bergen County, New Jersey	629	4.9	0.9	(3.2–6.6)
Burlington County, New Jersey	552	7.6	1.5	(4.7–10.5)
Camden County, New Jersey	616	12.5	1.8	(9.0–16.0)
Cape May County, New Jersey	509	6.3	1.2	(3.9–8.7)
Essex County, New Jersey	1,059	7.2	1.1	(5.1–9.3)
Gloucester County, New Jersey	510	8.2	1.3	(5.6–10.8)
Hudson County, New Jersey	1,000	7.8	1.2	(5.5–10.1)
Hunterdon County, New Jersey	535	7.5	1.4	(4.7–10.3)
Mercer County, New Jersey	502	5.8	1.1	(3.6–8.0)
Middlesex County, New Jersey	621	10.2	1.8	(6.6–13.8)
Monmouth County, New Jersey	552	6.6	1.1	(4.4–8.8)
Morris County, New Jersey	713	7.4	1.6	(4.3–10.5)
Ocean County, New Jersey	529	7.8	1.6	(4.7–10.9)
Passaic County, New Jersey	496	11.4	1.9	(7.6–15.2)
Somerset County, New Jersey	552	3.7	0.8	(2.0–5.4)
Sussex County, New Jersey	483	7.4	1.6	(4.3–10.5)
Union County, New Jersey	524	5.6	1.1	(3.4–7.8)
Warren County, New Jersey	478	7.2	1.4	(4.4–10.0)
Bernalillo County, New Mexico	1,467	8.3	0.9	(6.6–10.0)
Dona Ana County, New Mexico	731	8.1	1.2	(5.7–10.5)
McKinley County, New Mexico	570	7.0	1.4	(4.3–9.7)
Sandoval County, New Mexico	649	7.5	1.2	(5.1–9.9)
San Juan County, New Mexico	897	6.2	1.0	(4.2–8.2)
Santa Fe County, New Mexico	764	7.9	1.5	(5.0–10.8)
Valencia County, New Mexico	388	7.9	1.6	(4.7–11.1)
Erie County, New York	450	10.3	2.0	(6.3–14.3)
Kings County, New York	448	7.7	1.4	(4.9–10.5)
Monroe County, New York	377	15.7	2.8	(10.2–21.2)
Nassau County, New York	436	8.6	1.7	(5.3–11.9)
New York County, New York	520	7.3	1.3	(4.8–9.8)
Queens County, New York	480	8.5	1.8	(5.0–12.0)
Suffolk County, New York	501	8.1	1.7	(4.8–11.4)
Westchester County, New York	343	8.5	2.1	(4.4–12.6)
Buncombe County, North Carolina	399	8.1	1.5	(5.2–11.0)
Cabarrus County, North Carolina	348	7.9	1.7	(4.6–11.2)
Catawba County, North Carolina	366	6.7	1.7	(3.3–10.1)
Cumberland County, North Carolina	384	6.9	1.4	(4.1–9.7)

See table footnotes on page 220.

**TABLE 69. (Continued) Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	415	7.4	1.7	(4.0–10.8)
Gaston County, North Carolina	349	5.6	1.2	(3.3–7.9)
Guilford County, North Carolina	426	7.2	1.5	(4.2–10.2)
Henderson County, North Carolina	262	5.0	1.3	(2.5–7.5)
Johnston County, North Carolina	371	10.3	2.8	(4.8–15.8)
Mecklenburg County, North Carolina	615	7.5	1.5	(4.5–10.5)
New Hanover County, North Carolina	411	8.4	2.4	(3.7–13.1)
Orange County, North Carolina	369	8.0	2.0	(4.1–11.9)
Randolph County, North Carolina	355	7.6	1.7	(4.3–10.9)
Union County, North Carolina	368	9.1	2.5	(4.2–14.0)
Wake County, North Carolina	601	6.7	1.7	(3.5–9.9)
Burleigh County, North Dakota	565	10.2	2.4	(5.6–14.8)
Cass County, North Dakota	748	7.2	1.2	(4.8–9.6)
Ward County, North Dakota	464	10.0	1.7	(6.8–13.2)
Cuyahoga County, Ohio	683	10.2	1.8	(6.8–13.6)
Franklin County, Ohio	656	6.1	1.2	(3.7–8.5)
Hamilton County, Ohio	697	9.9	1.3	(7.3–12.5)
Lucas County, Ohio	680	13.8	2.2	(9.5–18.1)
Mahoning County, Ohio	679	9.9	1.7	(6.5–13.3)
Montgomery County, Ohio	676	12.1	1.7	(8.7–15.5)
Stark County, Ohio	684	8.8	1.4	(6.1–11.5)
Summit County, Ohio	677	10.9	1.7	(7.5–14.3)
Canadian County, Oklahoma	265	8.6	1.9	(4.8–12.4)
Cleveland County, Oklahoma	422	9.0	1.7	(5.8–12.2)
Oklahoma County, Oklahoma	1,218	10.0	1.1	(7.8–12.2)
Tulsa County, Oklahoma	1,571	8.4	0.9	(6.7–10.1)
Clackamas County, Oregon	431	11.0	2.1	(6.9–15.1)
Multnomah County, Oregon	642	9.2	1.5	(6.3–12.1)
Washington County, Oregon	438	8.8	1.9	(5.0–12.6)
Allegheny County, Pennsylvania	704	8.6	1.4	(5.9–11.3)
Bucks County, Pennsylvania	304	6.4	1.7	(3.0–9.8)
Delaware County, Pennsylvania	257	10.6	2.5	(5.7–15.5)
Fayette County, Pennsylvania	812	10.2	2.1	(6.2–14.2)
Luzerne County, Pennsylvania	772	9.5	1.6	(6.4–12.6)
Montgomery County, Pennsylvania	388	9.3	1.7	(5.9–12.7)
Philadelphia County, Pennsylvania	487	13.3	2.3	(8.7–17.9)
Westmoreland County, Pennsylvania	252	7.4	1.8	(3.8–11.0)
Kent County, Rhode Island	857	11.4	1.2	(9.0–13.8)
Newport County, Rhode Island	469	9.7	2.0	(5.7–13.7)
Providence County, Rhode Island	3,973	10.2	0.7	(8.9–11.5)
Washington County, Rhode Island	697	8.4	1.3	(5.9–10.9)
Aiken County, South Carolina	462	8.6	1.9	(4.8–12.4)
Beaufort County, South Carolina	686	6.9	1.3	(4.4–9.4)
Berkeley County, South Carolina	361	9.7	2.5	(4.9–14.5)
Charleston County, South Carolina	689	7.2	2.6	(2.2–12.2)
Greenville County, South Carolina	540	7.1	1.5	(4.1–10.1)
Horry County, South Carolina	681	9.7	1.8	(6.1–13.3)
Richland County, South Carolina	736	4.2	0.8	(2.7–5.7)
Minnehaha County, South Dakota	605	6.4	1.4	(3.6–9.2)
Pennington County, South Dakota	788	12.0	1.7	(8.7–15.3)
Davidson County, Tennessee	435	5.2	1.3	(2.7–7.7)
Hamilton County, Tennessee	437	7.5	1.6	(4.4–10.6)
Shelby County, Tennessee	375	7.5	1.8	(4.0–11.0)
Sullivan County, Tennessee	360	10.4	2.2	(6.1–14.7)
Bexar County, Texas	670	8.5	1.4	(5.7–11.3)
Dallas County, Texas	309	5.4	1.7	(2.0–8.8)
El Paso County, Texas	910	6.6	1.0	(4.6–8.6)
Fort Bend County, Texas	691	7.5	1.4	(4.7–10.3)
Harris County, Texas	1,141	6.1	0.9	(4.4–7.8)
Hidalgo County, Texas	534	3.2	0.7	(1.8–4.6)
Lubbock County, Texas	503	13.4	2.6	(8.4–18.4)
Tarrant County, Texas	484	4.9	1.0	(2.9–6.9)
Travis County, Texas	922	7.7	1.5	(4.7–10.7)

See table footnotes on page 220.

**TABLE 69. (Continued)** Estimated proportion of adults aged  $\geq 18$  years who had been told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2009

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	598	10.4	2.1	(6.3–14.5)
Davis County, Utah	800	7.4	1.1	(5.2–9.6)
Salt Lake County, Utah	3,300	8.9	0.7	(7.6–10.2)
Summit County, Utah	499	8.0	1.6	(4.8–11.2)
Tooele County, Utah	493	11.3	2.5	(6.5–16.1)
Utah County, Utah	1,080	6.1	1.0	(4.2–8.0)
Wasatch County, Utah	525	6.6	1.8	(3.1–10.1)
Weber County, Utah	768	10.1	1.5	(7.2–13.0)
Chittenden County, Vermont	1,401	9.0	1.1	(6.9–11.1)
Franklin County, Vermont	441	8.2	1.3	(5.6–10.8)
Orange County, Vermont	355	10.0	1.8	(6.6–13.4)
Rutland County, Vermont	703	9.6	1.3	(7.0–12.2)
Washington County, Vermont	686	6.9	1.3	(4.4–9.4)
Windsor County, Vermont	647	9.2	1.5	(6.3–12.1)
Benton County, Washington	420	6.7	1.4	(3.9–9.5)
Chelan County, Washington	301	8.7	1.9	(5.0–12.4)
Clark County, Washington	1,126	7.0	1.0	(5.0–9.0)
Douglas County, Washington	268	9.2	2.0	(5.2–13.2)
King County, Washington	3,174	7.9	0.6	(6.7–9.1)
Kitsap County, Washington	929	10.2	1.3	(7.7–12.7)
Pierce County, Washington	1,750	10.5	1.0	(8.5–12.5)
Skamania County, Washington	251	10.8	2.6	(5.7–15.9)
Snohomish County, Washington	1,657	9.4	1.0	(7.4–11.4)
Spokane County, Washington	1,242	8.4	1.1	(6.2–10.6)
Thurston County, Washington	815	10.7	1.3	(8.1–13.3)
Yakima County, Washington	783	8.0	1.2	(5.7–10.3)
Kanawha County, West Virginia	555	9.4	1.5	(6.4–12.4)
Milwaukee County, Wisconsin	627	8.2	1.6	(5.1–11.3)
Fremont County, Wyoming	499	9.7	2.0	(5.8–13.6)
Laramie County, Wyoming	936	8.7	1.2	(6.4–11.0)
Natrona County, Wyoming	770	8.2	1.1	(6.0–10.4)
<i>Median</i>		8.2		
<i>Range</i>		3.2–15.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Defined as ever having been told by doctor, nurse, or other health professional that the respondent had asthma and reporting that they still have asthma.



**TABLE 70. Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,575	33.9	0.8	(32.3–35.5)
Alaska	2,345	23.5	1.3	(20.9–26.1)
Arizona	5,323	24.3	1.0	(22.4–26.2)
Arkansas	3,863	31.3	1.0	(29.3–33.3)
California	15,610	20.3	0.4	(19.5–21.1)
Colorado	10,962	23.8	0.5	(22.8–24.8)
Connecticut	6,320	24.9	0.7	(23.5–26.3)
Delaware	3,969	27.5	0.9	(25.7–29.3)
District of Columbia	3,747	20.8	0.7	(19.4–22.2)
Florida	11,528	27.0	0.7	(25.7–28.3)
Georgia	5,655	23.7	0.8	(22.2–25.2)
Hawaii	6,483	21.2	0.6	(20.0–22.4)
Idaho	5,210	23.7	0.7	(22.3–25.1)
Illinois	5,709	26.5	0.7	(25.1–27.9)
Indiana	8,913	29.3	0.6	(28.0–30.6)
Iowa	5,864	25.3	0.7	(24.0–26.6)
Kansas	18,643	24.1	0.4	(23.4–24.8)
Kentucky	9,313	35.6	0.9	(33.9–37.3)
Louisiana	8,736	26.0	0.6	(24.8–27.2)
Maine	7,909	30.9	0.6	(29.7–32.1)
Maryland	8,345	25.9	0.6	(24.7–27.1)
Massachusetts	15,628	24.8	0.5	(23.8–25.8)
Michigan	8,997	30.8	0.6	(29.6–32.0)
Minnesota	5,562	20.9	0.7	(19.6–22.2)
Mississippi	10,869	30.8	0.6	(29.6–32.0)
Missouri	4,849	31.0	0.9	(29.2–32.8)
Montana	7,410	27.5	0.7	(26.2–28.8)
Nebraska	15,486	25.9	0.6	(24.7–27.1)
Nevada	3,740	24.3	1.1	(22.2–26.4)
New Hampshire	5,867	27.0	0.8	(25.5–28.5)
New Jersey	11,793	22.7	0.5	(21.7–23.7)
New Mexico	8,543	25.7	0.6	(24.5–26.9)
New York	6,636	25.6	0.6	(24.3–26.9)
North Carolina	12,940	27.6	0.6	(26.4–28.8)
North Dakota	4,627	27.4	0.8	(25.9–28.9)
Ohio	9,519	30.8	0.6	(29.6–32.0)
Oklahoma	7,680	30.4	0.6	(29.1–31.7)
Oregon	4,091	27.2	0.9	(25.5–28.9)
Pennsylvania	8,940	31.3	0.7	(30.0–32.6)
Rhode Island	6,191	29.3	0.7	(27.9–30.7)
South Carolina	9,580	30.7	0.8	(29.2–32.2)
South Dakota	6,651	25.6	0.7	(24.2–27.0)
Tennessee	5,340	25.9	0.9	(24.2–27.6)
Texas	11,221	22.5	0.6	(21.3–23.7)
Utah	9,934	21.4	0.5	(20.4–22.4)
Vermont	6,513	28.6	0.7	(27.3–29.9)
Virginia	4,950	25.9	0.9	(24.2–27.6)
Washington	19,875	26.5	0.4	(25.7–27.3)
West Virginia	4,772	33.9	0.8	(32.3–35.5)
Wisconsin	4,312	25.2	0.9	(23.4–27.0)
Wyoming	5,898	26.9	0.7	(25.5–28.3)
Guam	1,247	10.7	0.9	(8.9–12.5)
Puerto Rico	4,168	18.1	0.6	(16.9–19.3)
Virgin Islands	2,429	15.2	0.8	(13.6–16.8)
<i>Median</i>		25.9		
<i>Range</i>		10.7–35.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 71. Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	760	29.9	2.0	(25.9–33.9)
Albuquerque, New Mexico	2,524	25.3	1.1	(23.2–27.4)
Alexandria, Louisiana	523	33.5	2.6	(28.4–38.6)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	840	30.2	2.4	(25.4–35.0)
Anchorage, Alaska	495	22.7	2.1	(18.6–26.8)
Asheville, North Carolina	836	31.8	1.9	(28.0–35.6)
Atlanta–Sandy Springs–Marietta, Georgia	2,243	20.3	1.2	(18.0–22.6)
Atlantic City–Hammonton, New Jersey	892	26.5	1.9	(22.7–30.3)
Augusta–Richmond County, Georgia–South Carolina	856	29.0	2.1	(24.8–33.2)
Augusta–Waterville, Maine	643	32.1	2.2	(27.8–36.4)
Austin–Round Rock, Texas	1,559	18.6	1.6	(15.5–21.7)
Baltimore–Towson, Maryland	3,036	27.0	1.0	(25.1–28.9)
Bangor, Maine	724	28.6	1.9	(24.8–32.4)
Barre, Vermont	679	26.7	1.9	(22.9–30.5)
Baton Rouge, Louisiana	1,196	23.8	1.6	(20.6–27.0)
Bethesda–Frederick–Gaithersburg, Maryland*	1,575	20.4	1.2	(18.0–22.8)
Billings, Montana	607	25.4	2.1	(21.2–29.6)
Birmingham–Hoover, Alabama	1,129	33.2	1.8	(29.6–36.8)
Bismarck, North Dakota	717	25.4	1.9	(21.8–29.0)
Boise City–Nampa, Idaho	1,240	21.6	1.3	(19.0–24.2)
Boston–Quincy, Massachusetts*	3,170	24.1	1.0	(22.1–26.1)
Bozeman, Montana	578	21.7	2.0	(17.7–25.7)
Bremerton–Silverdale, Washington	921	30.2	1.7	(26.8–33.6)
Bridgeport–Stamford–Norwalk, Connecticut	1,880	21.9	1.3	(19.4–24.4)
Buffalo–Niagara Falls, New York	531	31.3	2.5	(26.4–36.2)
Burlington–South Burlington, Vermont	1,897	24.8	1.1	(22.6–27.0)
Butte–Silver Bow, Montana	561	36.0	2.6	(30.9–41.1)
Cambridge–Newton–Framingham, Massachusetts*	2,899	22.1	1.0	(20.1–24.1)
Camden, New Jersey*	1,621	24.8	1.3	(22.3–27.3)
Canton–Massillon, Ohio	706	31.9	2.1	(27.8–36.0)
Casper, Wyoming	754	26.9	1.8	(23.3–30.5)
Cedar Rapids, Iowa	580	27.0	2.2	(22.8–31.2)
Charleston, West Virginia	845	33.0	1.8	(29.4–36.6)
Charleston–North Charleston–Summerville, South Carolina	1,168	27.2	1.9	(23.4–31.0)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,820	23.9	1.2	(21.5–26.3)
Chattanooga, Tennessee–Georgia	570	29.2	3.1	(23.1–35.3)
Cheyenne, Wyoming	920	28.0	1.9	(24.4–31.6)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,440	25.3	0.9	(23.6–27.0)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,669	27.5	1.4	(24.7–30.3)
Cleveland–Elyria–Mentor, Ohio	1,069	31.8	1.7	(28.5–35.1)
Colorado Springs, Colorado	1,089	27.3	1.6	(24.2–30.4)
Columbia, South Carolina	1,160	28.8	2.1	(24.6–33.0)
Columbus, Ohio	1,363	28.7	1.5	(25.8–31.6)
Concord, New Hampshire	621	24.0	1.9	(20.2–27.8)
Dallas–Plano–Irving, Texas*	576	18.5	1.9	(14.8–22.2)
Davenport–Moline–Rock Island, Iowa–Illinois	511	25.7	2.8	(20.3–31.1)
Dayton, Ohio	794	30.7	2.1	(26.5–34.9)
Denver–Aurora, Colorado	4,484	23.0	0.7	(21.6–24.4)
Des Moines–West Des Moines, Iowa	1,029	25.8	1.5	(22.9–28.7)
Detroit–Livonia–Dearborn, Michigan*	2,001	31.2	1.5	(28.3–34.1)
Dover, Delaware	1,308	28.3	1.5	(25.4–31.2)
Durham, North Carolina	876	17.3	1.7	(14.0–20.6)
Edison–New Brunswick, New Jersey*	2,146	23.5	1.1	(21.4–25.6)
El Paso, Texas	886	20.5	1.5	(17.6–23.4)
Evansville, Indiana–Kentucky	563	32.7	2.4	(27.9–37.5)
Fargo, North Dakota–Minnesota	790	20.0	2.1	(16.0–24.0)
Farmington, New Mexico	873	23.5	1.8	(20.0–27.0)
Fayetteville, North Carolina	527	35.8	3.0	(29.9–41.7)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	650	24.7	2.6	(19.5–29.9)
Fort Collins–Loveland, Colorado	537	21.1	2.0	(17.3–24.9)
Fort Wayne, Indiana	583	28.5	2.1	(24.4–32.6)
Fort Worth–Arlington, Texas*	583	27.2	2.2	(22.9–31.5)
Gallup, New Mexico	553	16.2	1.6	(13.0–19.4)

See table footnotes on page 224.

**TABLE 71. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	801	25.8	1.8	(22.2–29.4)
Grand Rapids–Wyoming, Michigan	633	27.5	2.1	(23.5–31.5)
Greeley, Colorado	466	21.9	2.3	(17.5–26.3)
Greensboro–High Point, North Carolina	797	28.9	2.3	(24.3–33.5)
Greenville–Mauldin–Easley, South Carolina	849	27.8	2.3	(23.4–32.2)
Gulfport–Biloxi, Mississippi	933	35.2	2.8	(29.6–40.8)
Hagerstown–Martinsburg, Maryland–West Virginia	603	27.3	2.2	(23.0–31.6)
Hartford–West Hartford–East Hartford, Connecticut	2,007	24.3	1.1	(22.1–26.5)
Hastings, Nebraska	560	30.0	2.4	(25.3–34.7)
Heber, Utah	521	18.7	1.9	(15.0–22.4)
Hickory–Lenoir–Morganton, North Carolina	775	30.8	2.1	(26.6–35.0)
Hilo, Hawaii	1,450	24.1	1.3	(21.5–26.7)
Hilton Head Island–Beaufort, South Carolina	782	29.4	2.2	(25.1–33.7)
Honolulu, Hawaii	2,918	20.3	0.8	(18.7–21.9)
Houma–Bayou Cane–Thibodaux, Louisiana	527	25.7	2.4	(21.0–30.4)
Houston–Sugar Land–Baytown, Texas	2,079	18.9	1.2	(16.6–21.2)
Huntington–Ashland, West Virginia–Kentucky–Ohio	682	35.8	2.5	(31.0–40.6)
Idaho Falls, Idaho	487	23.7	2.2	(19.4–28.0)
Indianapolis–Carmel, Indiana	2,118	28.1	1.3	(25.5–30.7)
Jackson, Mississippi	1,177	27.9	1.6	(24.8–31.0)
Jacksonville, Florida	1,040	25.5	1.9	(21.8–29.2)
Kahului–Wailuku, Hawaii	1,486	22.0	1.3	(19.4–24.6)
Kalispell, Montana	533	24.4	2.1	(20.2–28.6)
Kansas City, Missouri–Kansas	6,117	24.7	1.0	(22.8–26.6)
Kapaa, Hawaii	629	24.8	2.1	(20.7–28.9)
Kennewick–Pasco–Richland, Washington	652	24.0	1.9	(20.3–27.7)
Kingsport–Bristol–Bristol, Tennessee–Virginia	497	34.1	3.3	(27.6–40.6)
Lake Charles, Louisiana	614	25.5	2.0	(21.5–29.5)
Las Cruces, New Mexico	715	22.7	1.8	(19.2–26.2)
Las Vegas–Paradise, Nevada	1,190	23.9	1.4	(21.1–26.7)
Lawrence, Kansas	597	16.2	1.9	(12.5–19.9)
Lebanon, New Hampshire–Vermont	1,480	27.7	1.4	(25.0–30.4)
Lewiston, Idaho–Washington	529	33.3	2.5	(28.3–38.3)
Lincoln, Nebraska	1,033	21.9	1.6	(18.8–25.0)
Little Rock–North Little Rock–Conway, Arkansas	810	30.9	2.2	(26.7–35.1)
Los Angeles–Long Beach–Glendale, California*	1,928	18.1	1.0	(16.2–20.0)
Louisville/Jefferson County, Kentucky–Indiana	2,232	33.6	2.0	(29.7–37.5)
Lubbock, Texas	509	24.3	2.4	(19.5–29.1)
Manchester–Nashua, New Hampshire	1,403	28.1	1.8	(24.6–31.6)
Manhattan, Kansas	595	17.8	1.7	(14.5–21.1)
McAllen–Edinburg–Mission, Texas	513	17.4	2.0	(13.6–21.2)
Memphis, Tennessee–Mississippi–Arkansas	1,473	21.4	1.7	(18.1–24.7)
Miami–Fort Lauderdale–Pompano Beach, Florida	792	22.1	1.8	(18.7–25.5)
Milwaukee–Waukesha–West Allis, Wisconsin	786	24.1	2.2	(19.9–28.3)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,098	18.8	0.8	(17.2–20.4)
Minot, North Dakota	531	26.2	2.3	(21.8–30.6)
Mobile, Alabama	690	28.1	2.2	(23.9–32.3)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	669	35.8	2.5	(30.9–40.7)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	814	24.1	2.1	(20.0–28.2)
Nassau–Suffolk, New York*	901	27.3	1.7	(24.0–30.6)
Newark–Union, New Jersey–Pennsylvania*	3,203	20.6	0.9	(18.8–22.4)
New Haven–Milford, Connecticut	1,609	25.9	1.6	(22.8–29.0)
New Orleans–Metairie–Kenner, Louisiana	1,594	24.2	1.3	(21.6–26.8)
New York–White Plains–Wayne, New York–New Jersey*	4,210	20.9	0.8	(19.4–22.4)
Norfolk, Nebraska	608	26.6	2.0	(22.6–30.6)
North Platte, Nebraska	511	34.5	2.8	(29.0–40.0)
Oakland–Fremont–Hayward, California*	1,181	19.3	1.3	(16.7–21.9)
Ocean City, New Jersey	487	32.1	2.6	(26.9–37.3)
Ogden–Clearfield, Utah	1,586	23.1	1.2	(20.8–25.4)
Oklahoma City, Oklahoma	2,263	28.1	1.1	(25.9–30.3)
Olympia, Washington	807	29.0	1.8	(25.4–32.6)
Omaha–Council Bluffs, Nebraska–Iowa	2,274	24.2	1.2	(21.9–26.5)
Orlando–Kissimmee, Florida	872	24.3	2.0	(20.4–28.2)

See table footnotes on page 224.

**TABLE 71. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	689	32.9	2.8	(27.5–38.3)
Peabody, Massachusetts*	2,154	24.6	1.5	(21.7–27.5)
Philadelphia, Pennsylvania*	1,628	27.5	1.3	(25.0–30.0)
Phoenix–Mesa–Scottsdale, Arizona	1,533	22.9	1.3	(20.3–25.5)
Pittsburgh, Pennsylvania	2,125	31.6	1.4	(28.8–34.4)
Portland–South Portland–Biddeford, Maine	2,601	28.3	1.0	(26.3–30.3)
Portland–Vancouver–Beaverton, Oregon–Washington	2,978	25.3	1.1	(23.1–27.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,966	29.0	0.7	(27.6–30.4)
Provo–Orem, Utah	1,124	16.2	1.3	(13.7–18.7)
Raleigh–Cary, North Carolina	988	23.1	1.8	(19.7–26.5)
Rapid City, South Dakota	979	29.8	1.7	(26.5–33.1)
Reno–Sparks, Nevada	1,253	23.4	1.4	(20.6–26.2)
Richmond, Virginia	767	27.8	2.2	(23.6–32.0)
Riverside–San Bernardino–Ontario, California	1,825	22.4	1.1	(20.2–24.6)
Riverton, Wyoming	492	26.0	2.2	(21.6–30.4)
Rochester, New York	551	30.1	2.4	(25.5–34.7)
Rockingham County–Strafford County, New Hampshire*	1,593	25.9	1.3	(23.3–28.5)
Rutland, Vermont	695	33.4	2.0	(29.4–37.4)
Sacramento–Arden–Arcade–Roseville, California	1,180	22.1	1.4	(19.4–24.8)
St. Louis, Missouri–Illinois	1,546	31.1	1.7	(27.8–34.4)
Salt Lake City, Utah	4,202	21.7	0.7	(20.2–23.2)
San Antonio, Texas	799	24.9	1.9	(21.2–28.6)
San Diego–Carlsbad–San Marcos, California	1,514	18.7	1.1	(16.5–20.9)
San Francisco–San Mateo–Redwood City, California*	930	21.2	1.6	(18.1–24.3)
San Jose–Sunnyvale–Santa Clara, California	828	16.5	1.4	(13.7–19.3)
Santa Ana–Anaheim–Irvine, California*	1,350	18.5	1.2	(16.2–20.8)
Santa Fe, New Mexico	752	24.4	1.9	(20.8–28.0)
Scottsbluff, Nebraska	747	30.8	2.1	(26.8–34.8)
Scranton–Wilkes-Barre, Pennsylvania	910	31.1	2.3	(26.6–35.6)
Seaford, Delaware	1,328	32.6	1.6	(29.5–35.7)
Seattle–Bellevue–Everett, Washington*	4,765	23.7	0.7	(22.3–25.1)
Shreveport–Bossier City, Louisiana	671	26.4	2.0	(22.5–30.3)
Sioux City, Iowa–Nebraska–South Dakota	1,124	24.9	2.4	(20.2–29.6)
Sioux Falls, South Dakota	830	21.4	1.7	(18.1–24.7)
Spokane, Washington	1,223	27.0	1.5	(24.0–30.0)
Springfield, Massachusetts	1,954	25.0	1.4	(22.3–27.7)
Tacoma, Washington*	1,719	27.1	1.3	(24.5–29.7)
Tallahassee, Florida	560	20.7	3.4	(14.1–27.3)
Tampa–St. Petersburg–Clearwater, Florida	830	29.7	2.1	(25.5–33.9)
Toledo, Ohio	821	33.3	2.3	(28.7–37.9)
Topeka, Kansas	1,922	24.5	1.1	(22.3–26.7)
Trenton–Ewing, New Jersey	482	27.4	2.4	(22.6–32.2)
Tucson, Arizona	678	24.3	1.9	(20.6–28.0)
Tulsa, Oklahoma	2,250	28.2	1.2	(25.9–30.5)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	997	27.6	2.1	(23.6–31.6)
Warren–Troy–Farmington Hills, Michigan*	1,767	31.4	1.3	(28.8–34.0)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	5,901	21.9	1.2	(19.6–24.2)
Wenatchee, Washington	556	26.1	2.2	(21.9–30.3)
Wichita, Kansas	3,845	23.8	0.8	(22.3–25.3)
Wilmington, Delaware–Maryland–New Jersey*	1,747	27.7	1.3	(25.2–30.2)
Wilmington, North Carolina	492	23.5	3.0	(17.6–29.4)
Worcester, Massachusetts	1,932	26.5	1.5	(23.6–29.4)
Yakima, Washington	777	27.4	1.9	(23.7–31.1)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	864	32.8	2.4	(28.1–37.5)
<i>Median</i>		25.8		
<i>Range</i>		16.2–36.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 72. Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	586	30.6	2.3	(26.0–35.2)
Mobile County, Alabama	690	28.1	2.2	(23.9–32.3)
Anchorage Municipality, Alaska	357	20.7	2.2	(16.4–25.0)
Maricopa County, Arizona	1,166	22.3	1.4	(19.5–25.1)
Pima County, Arizona	678	24.3	1.9	(20.6–28.0)
Pinal County, Arizona	367	30.6	3.1	(24.5–36.7)
Benton County, Arkansas	324	23.3	2.9	(17.6–29.0)
Pulaski County, Arkansas	534	31.0	2.7	(25.7–36.3)
Washington County, Arkansas	282	21.0	2.9	(15.3–26.7)
Alameda County, California	661	19.3	1.9	(15.7–22.9)
Contra Costa County, California	520	20.0	1.9	(16.3–23.7)
Los Angeles County, California	1,928	18.1	1.0	(16.2–20.0)
Orange County, California	1,350	18.5	1.2	(16.2–20.8)
Riverside County, California	974	22.5	1.5	(19.5–25.5)
Sacramento County, California	717	21.2	1.7	(17.9–24.5)
San Bernardino County, California	851	22.4	1.6	(19.2–25.6)
San Diego County, California	1,514	18.7	1.1	(16.5–20.9)
San Francisco County, California	397	19.8	2.2	(15.5–24.1)
San Mateo County, California	342	20.7	2.4	(16.0–25.4)
Santa Clara County, California	806	16.4	1.5	(13.5–19.3)
Adams County, Colorado	800	20.3	1.6	(17.2–23.4)
Arapahoe County, Colorado	842	25.2	1.7	(21.9–28.5)
Denver County, Colorado	842	21.9	1.7	(18.6–25.2)
Douglas County, Colorado	520	21.5	2.1	(17.4–25.6)
El Paso County, Colorado	946	27.0	1.7	(23.7–30.3)
Jefferson County, Colorado	1,042	24.3	1.5	(21.4–27.2)
Larimer County, Colorado	537	21.1	2.0	(17.3–24.9)
Weld County, Colorado	466	21.9	2.3	(17.5–26.3)
Fairfield County, Connecticut	1,880	21.9	1.3	(19.4–24.4)
Hartford County, Connecticut	1,457	24.3	1.3	(21.7–26.9)
Middlesex County, Connecticut	259	28.5	3.3	(22.0–35.0)
New Haven County, Connecticut	1,609	25.9	1.6	(22.8–29.0)
Tolland County, Connecticut	291	25.1	2.9	(19.3–30.9)
Kent County, Delaware	1,308	28.3	1.5	(25.4–31.2)
New Castle County, Delaware	1,333	25.4	1.4	(22.7–28.1)
Sussex County, Delaware	1,328	32.6	1.6	(29.5–35.7)
District of Columbia	3,747	21.3	0.8	(19.7–22.9)
Broward County, Florida	256	21.2	2.9	(15.4–27.0)
Duval County, Florida	490	27.3	2.6	(22.3–32.3)
Hillsborough County, Florida	269	27.3	3.2	(21.1–33.5)
Miami–Dade County, Florida	257	21.9	2.8	(16.4–27.4)
Orange County, Florida	283	23.6	3.1	(17.5–29.7)
Osceola County, Florida	280	23.4	2.8	(17.9–28.9)
Palm Beach County, Florida	279	27.3	3.1	(21.3–33.3)
Pinellas County, Florida	261	31.7	3.3	(25.2–38.2)
Clayton County, Georgia	241	21.7	3.6	(14.6–28.8)
Cobb County, Georgia	273	12.6	1.9	(8.9–16.3)
DeKalb County, Georgia	298	21.0	2.8	(15.6–26.4)
Fulton County, Georgia	321	18.9	2.5	(13.9–23.9)
Hawaii County, Hawaii	1,450	24.1	1.3	(21.5–26.7)
Honolulu County, Hawaii	2,918	20.3	0.8	(18.7–21.9)
Kauai County, Hawaii	629	24.8	2.1	(20.7–28.9)
Maui County, Hawaii	1,486	22.0	1.3	(19.4–24.6)
Ada County, Idaho	659	19.7	1.7	(16.3–23.1)
Bonneville County, Idaho	377	22.5	2.4	(17.8–27.2)
Canyon County, Idaho	443	23.4	2.3	(18.9–27.9)
Nez Perce County, Idaho	292	33.2	3.4	(26.6–39.8)
Cook County, Illinois	1,842	25.4	1.3	(22.9–27.9)
DuPage County, Illinois	387	25.6	2.5	(20.8–30.4)
Lake County, Illinois	294	23.4	2.7	(18.1–28.7)
Will County, Illinois	295	23.7	2.7	(18.4–29.0)
Allen County, Indiana	489	28.1	2.3	(23.6–32.6)
Lake County, Indiana	919	27.1	2.4	(22.5–31.7)

See table footnotes on page 229.

**TABLE 72. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,437	26.8	1.6	(23.6–30.0)
Vanderburgh County, Indiana	248	34.9	3.6	(27.9–41.9)
Linn County, Iowa	507	23.5	2.1	(19.5–27.5)
Polk County, Iowa	789	26.5	1.7	(23.1–29.9)
Scott County, Iowa	362	22.3	2.4	(17.6–27.0)
Butler County, Kansas	438	23.9	2.4	(19.2–28.6)
Douglas County, Kansas	597	16.2	1.9	(12.5–19.9)
Johnson County, Kansas	3,187	20.7	0.8	(19.1–22.3)
Leavenworth County, Kansas	463	28.4	2.6	(23.3–33.5)
Riley County, Kansas	280	15.6	2.4	(10.9–20.3)
Sedgwick County, Kansas	2,975	23.9	0.9	(22.2–25.6)
Shawnee County, Kansas	1,391	24.2	1.3	(21.6–26.8)
Wyandotte County, Kansas	1,058	26.6	1.7	(23.3–29.9)
Jefferson County, Kentucky	1,742	37.0	2.9	(31.3–42.7)
Caddo Parish, Louisiana	425	24.4	2.3	(19.9–28.9)
Calcasieu Parish, Louisiana	597	25.2	2.0	(21.2–29.2)
East Baton Rouge Parish, Louisiana	715	21.5	1.8	(17.9–25.1)
Jefferson Parish, Louisiana	556	28.8	2.4	(24.1–33.5)
Orleans Parish, Louisiana	371	22.1	2.6	(17.0–27.2)
Rapides Parish, Louisiana	453	35.6	2.8	(30.1–41.1)
St. Tammany Parish, Louisiana	425	19.3	2.0	(15.5–23.1)
Terrebonne Parish, Louisiana	296	29.5	3.6	(22.5–36.5)
Cumberland County, Maine	1,312	27.6	1.4	(24.8–30.4)
Kennebec County, Maine	643	32.1	2.2	(27.8–36.4)
Penobscot County, Maine	724	28.6	1.9	(24.8–32.4)
Sagadahoc County, Maine	340	31.2	3.0	(25.4–37.0)
York County, Maine	949	29.1	1.7	(25.8–32.4)
Anne Arundel County, Maryland	546	25.7	2.1	(21.5–29.9)
Baltimore County, Maryland	959	28.0	1.6	(24.8–31.2)
Cecil County, Maryland	241	31.9	3.4	(25.1–38.7)
Charles County, Maryland	309	28.0	2.9	(22.3–33.7)
Frederick County, Maryland	538	23.2	2.1	(19.1–27.3)
Harford County, Maryland	254	29.5	3.5	(22.6–36.4)
Howard County, Maryland	331	23.2	2.5	(18.3–28.1)
Montgomery County, Maryland	1,037	19.7	1.4	(17.0–22.4)
Prince George's County, Maryland	617	26.4	2.2	(22.1–30.7)
Queen Anne's County, Maryland	259	33.5	3.5	(26.6–40.4)
Washington County, Maryland	348	29.4	2.9	(23.7–35.1)
Baltimore City, Maryland	503	28.1	2.3	(23.6–32.6)
Bristol County, Massachusetts	2,775	28.0	1.7	(24.8–31.2)
Essex County, Massachusetts	2,154	24.6	1.5	(21.6–27.6)
Hampden County, Massachusetts	1,498	25.5	1.7	(22.2–28.8)
Hampshire County, Massachusetts	275	22.7	2.9	(17.0–28.4)
Middlesex County, Massachusetts	2,899	22.2	1.0	(20.2–24.2)
Norfolk County, Massachusetts	878	27.3	1.8	(23.8–30.8)
Plymouth County, Massachusetts	612	26.6	2.0	(22.6–30.6)
Suffolk County, Massachusetts	1,680	19.2	1.2	(16.8–21.6)
Worcester County, Massachusetts	1,932	26.5	1.5	(23.6–29.4)
Kent County, Michigan	460	25.2	2.3	(20.6–29.8)
Macomb County, Michigan	515	33.4	2.5	(28.6–38.2)
Oakland County, Michigan	928	29.5	1.8	(26.0–33.0)
Wayne County, Michigan	2,001	31.2	1.5	(28.3–34.1)
Anoka County, Minnesota	290	23.6	2.7	(18.4–28.8)
Dakota County, Minnesota	377	21.2	2.4	(16.5–25.9)
Hennepin County, Minnesota	1,126	17.4	1.2	(15.1–19.7)
Ramsey County, Minnesota	527	22.3	2.2	(17.9–26.7)
DeSoto County, Mississippi	609	21.7	1.9	(17.9–25.5)
George County, Mississippi	369	33.8	3.2	(27.6–40.0)
Hancock County, Mississippi	333	35.7	3.3	(29.1–42.3)
Harrison County, Mississippi	284	39.4	4.1	(31.3–47.5)
Hinds County, Mississippi	495	26.6	2.4	(22.0–31.2)
Jackson County, Mississippi	320	33.8	3.3	(27.3–40.3)
Rankin County, Mississippi	322	29.4	3.0	(23.4–35.4)

See table footnotes on page 229.



**TABLE 72. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	316	37.9	3.6	(30.9–44.9)
Jackson County, Missouri	475	25.7	2.1	(21.5–29.9)
St. Louis County, Missouri	462	31.8	2.9	(26.1–37.5)
St. Louis City, Missouri	461	32.6	4.0	(24.7–40.5)
Flathead County, Montana	533	24.4	2.1	(20.2–28.6)
Gallatin County, Montana	578	21.7	2.0	(17.7–25.7)
Silver Bow County, Montana	561	36.0	2.6	(30.9–41.1)
Yellowstone County, Montana	557	24.4	2.2	(20.1–28.7)
Adams County, Nebraska	436	26.0	2.4	(21.3–30.7)
Dakota County, Nebraska	690	24.1	1.8	(20.5–27.7)
Douglas County, Nebraska	900	23.5	1.6	(20.3–26.7)
Hall County, Nebraska	575	24.9	2.2	(20.7–29.1)
Lancaster County, Nebraska	768	21.2	1.7	(17.9–24.5)
Lincoln County, Nebraska	481	35.0	3.0	(29.2–40.8)
Madison County, Nebraska	403	26.1	2.4	(21.3–30.9)
Sarpy County, Nebraska	569	24.2	2.4	(19.4–29.0)
Scotts Bluff County, Nebraska	731	30.9	2.1	(26.8–35.0)
Seward County, Nebraska	265	32.1	3.3	(25.7–38.5)
Clark County, Nevada	1,190	23.9	1.4	(21.1–26.7)
Washoe County, Nevada	1,224	23.5	1.4	(20.7–26.3)
Grafton County, New Hampshire	498	27.6	2.4	(23.0–32.2)
Hillsborough County, New Hampshire	1,403	28.1	1.8	(24.6–31.6)
Merrimack County, New Hampshire	621	24.0	1.9	(20.2–27.8)
Rockingham County, New Hampshire	980	26.5	1.6	(23.3–29.7)
Strafford County, New Hampshire	613	24.2	2.0	(20.2–28.2)
Atlantic County, New Jersey	892	26.5	2.0	(22.7–30.3)
Bergen County, New Jersey	595	23.0	1.9	(19.2–26.8)
Burlington County, New Jersey	535	23.2	2.1	(19.1–27.3)
Camden County, New Jersey	591	27.5	2.2	(23.2–31.8)
Cape May County, New Jersey	487	32.1	2.6	(26.9–37.3)
Essex County, New Jersey	1,001	18.0	1.3	(15.4–20.6)
Gloucester County, New Jersey	495	23.6	2.1	(19.4–27.8)
Hudson County, New Jersey	952	21.8	1.6	(18.6–25.0)
Hunterdon County, New Jersey	526	20.2	2.0	(16.4–24.0)
Mercer County, New Jersey	482	27.4	2.4	(22.6–32.2)
Middlesex County, New Jersey	581	22.5	2.0	(18.6–26.4)
Monmouth County, New Jersey	531	23.6	2.0	(19.8–27.4)
Morris County, New Jersey	683	20.6	1.8	(17.0–24.2)
Ocean County, New Jersey	501	28.6	2.3	(24.1–33.1)
Passaic County, New Jersey	485	19.6	2.1	(15.4–23.8)
Somerset County, New Jersey	533	20.4	2.0	(16.5–24.3)
Sussex County, New Jersey	468	25.5	2.3	(20.9–30.1)
Union County, New Jersey	490	22.7	2.1	(18.6–26.8)
Warren County, New Jersey	463	25.3	2.4	(20.7–29.9)
Bernalillo County, New Mexico	1,422	24.7	1.4	(22.0–27.4)
Dona Ana County, New Mexico	715	22.7	1.8	(19.2–26.2)
McKinley County, New Mexico	553	16.2	1.6	(13.0–19.4)
Sandoval County, New Mexico	629	25.5	2.2	(21.3–29.7)
San Juan County, New Mexico	873	23.5	1.8	(20.0–27.0)
Santa Fe County, New Mexico	752	24.4	1.9	(20.8–28.0)
Valencia County, New Mexico	380	29.8	2.7	(24.5–35.1)
Erie County, New York	432	30.3	2.7	(24.9–35.7)
Kings County, New York	424	23.6	2.3	(19.0–28.2)
Monroe County, New York	373	29.2	2.8	(23.6–34.8)
Nassau County, New York	415	29.0	2.6	(23.9–34.1)
New York County, New York	502	17.1	1.8	(13.7–20.5)
Queens County, New York	452	19.4	2.0	(15.5–23.3)
Suffolk County, New York	486	26.6	2.3	(22.2–31.0)
Westchester County, New York	331	27.8	2.9	(22.1–33.5)
Buncombe County, North Carolina	394	33.5	2.7	(28.2–38.8)
Cabarrus County, North Carolina	338	27.3	2.8	(21.8–32.8)
Catawba County, North Carolina	359	29.4	2.9	(23.8–35.0)
Cumberland County, North Carolina	372	34.5	3.0	(28.7–40.3)

See table footnotes on page 229.

**TABLE 72. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	411	17.2	1.9	(13.4–21.0)
Gaston County, North Carolina	339	32.0	3.1	(26.0–38.0)
Guilford County, North Carolina	411	26.1	2.5	(21.2–31.0)
Henderson County, North Carolina	258	26.9	3.1	(20.9–32.9)
Johnston County, North Carolina	361	29.8	3.2	(23.5–36.1)
Mecklenburg County, North Carolina	602	20.6	1.8	(17.2–24.0)
New Hanover County, North Carolina	403	23.7	2.5	(18.8–28.6)
Orange County, North Carolina	360	19.5	2.3	(15.0–24.0)
Randolph County, North Carolina	345	27.5	2.7	(22.2–32.8)
Union County, North Carolina	358	26.7	3.0	(20.8–32.6)
Wake County, North Carolina	588	21.4	2.0	(17.5–25.3)
Burleigh County, North Dakota	544	26.7	2.3	(22.3–31.1)
Cass County, North Dakota	730	22.4	1.7	(19.0–25.8)
Ward County, North Dakota	459	27.0	2.6	(22.0–32.0)
Cuyahoga County, Ohio	678	32.1	2.1	(27.9–36.3)
Franklin County, Ohio	648	26.7	2.0	(22.8–30.6)
Hamilton County, Ohio	672	28.0	1.9	(24.2–31.8)
Lucas County, Ohio	666	34.6	2.3	(30.0–39.2)
Mahoning County, Ohio	664	31.0	2.1	(26.8–35.2)
Montgomery County, Ohio	658	32.8	2.1	(28.6–37.0)
Stark County, Ohio	673	31.5	2.1	(27.3–35.7)
Summit County, Ohio	666	30.0	2.1	(26.0–34.0)
Canadian County, Oklahoma	265	28.9	3.0	(23.0–34.8)
Cleveland County, Oklahoma	416	24.6	2.3	(20.2–29.0)
Oklahoma County, Oklahoma	1,199	29.0	1.5	(26.1–31.9)
Tulsa County, Oklahoma	1,543	27.0	1.3	(24.5–29.5)
Clackamas County, Oregon	408	26.8	2.6	(21.7–31.9)
Multnomah County, Oregon	622	24.2	2.0	(20.4–28.0)
Washington County, Oregon	418	25.2	2.9	(19.5–30.9)
Allegheny County, Pennsylvania	688	29.1	2.0	(25.2–33.0)
Bucks County, Pennsylvania	297	30.6	3.1	(24.5–36.7)
Delaware County, Pennsylvania	247	26.4	3.4	(19.8–33.0)
Fayette County, Pennsylvania	797	38.2	2.5	(33.3–43.1)
Luzerne County, Pennsylvania	755	31.4	2.0	(27.4–35.4)
Montgomery County, Pennsylvania	384	29.4	2.5	(24.4–34.4)
Philadelphia County, Pennsylvania	476	27.2	2.5	(22.4–32.0)
Westmoreland County, Pennsylvania	246	36.1	3.5	(29.3–42.9)
Kent County, Rhode Island	850	33.9	1.8	(30.4–37.4)
Newport County, Rhode Island	469	32.4	2.6	(27.3–37.5)
Providence County, Rhode Island	3,933	27.3	0.9	(25.6–29.0)
Washington County, Rhode Island	693	29.6	2.0	(25.7–33.5)
Aiken County, South Carolina	453	31.4	2.6	(26.4–36.4)
Beaufort County, South Carolina	667	30.5	2.4	(25.8–35.2)
Berkeley County, South Carolina	358	30.7	3.7	(23.4–38.0)
Charleston County, South Carolina	673	25.3	2.7	(20.1–30.5)
Greenville County, South Carolina	535	26.8	2.7	(21.5–32.1)
Horry County, South Carolina	669	35.8	2.5	(30.9–40.7)
Richland County, South Carolina	718	27.8	3.0	(21.9–33.7)
Minnehaha County, South Dakota	590	20.4	1.8	(16.9–23.9)
Pennington County, South Dakota	770	30.0	1.9	(26.3–33.7)
Davidson County, Tennessee	418	20.7	2.3	(16.2–25.2)
Hamilton County, Tennessee	416	20.9	2.5	(16.0–25.8)
Shelby County, Tennessee	357	21.0	2.6	(15.9–26.1)
Sullivan County, Tennessee	345	33.4	3.2	(27.2–39.6)
Bexar County, Texas	657	25.4	2.1	(21.3–29.5)
Dallas County, Texas	308	18.0	2.3	(13.4–22.6)
El Paso County, Texas	886	20.5	1.5	(17.6–23.4)
Fort Bend County, Texas	664	18.1	1.9	(14.4–21.8)
Harris County, Texas	1,110	18.3	1.4	(15.5–21.1)
Hidalgo County, Texas	513	17.4	2.0	(13.6–21.2)
Lubbock County, Texas	493	24.7	2.5	(19.8–29.6)
Tarrant County, Texas	473	27.3	2.5	(22.4–32.2)
Travis County, Texas	899	17.4	1.9	(13.7–21.1)

See table footnotes on page 229.

**TABLE 72. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported ever having been told by a doctor that they had arthritis, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	581	21.6	2.2	(17.2–26.0)
Davis County, Utah	790	21.5	1.5	(18.5–24.5)
Salt Lake County, Utah	3, 223	21.9	0.8	(20.3–23.5)
Summit County, Utah	486	17.7	1.9	(13.9–21.5)
Tooele County, Utah	493	21.5	2.0	(17.5–25.5)
Utah County, Utah	1,068	15.9	1.3	(13.4–18.4)
Wasatch County, Utah	521	18.7	1.9	(15.0–22.4)
Weber County, Utah	761	25.5	1.8	(22.0–29.0)
Chittenden County, Vermont	1,382	24.1	1.3	(21.5–26.7)
Franklin County, Vermont	435	27.4	2.3	(22.9–31.9)
Orange County, Vermont	351	23.7	2.4	(19.0–28.4)
Rutland County, Vermont	695	33.4	2.0	(29.4–37.4)
Washington County, Vermont	679	26.7	1.9	(22.9–30.5)
Windsor County, Vermont	631	30.0	2.0	(26.0–34.0)
Benton County, Washington	414	25.0	2.3	(20.5–29.5)
Chelan County, Washington	290	25.4	2.7	(20.1–30.7)
Clark County, Washington	1,113	26.8	1.6	(23.7–29.9)
Douglas County, Washington	266	27.9	3.6	(20.9–34.9)
King County, Washington	3,137	23.4	0.9	(21.7–25.1)
Kitsap County, Washington	921	30.2	1.7	(26.8–33.6)
Pierce County, Washington	1,719	26.8	1.3	(24.3–29.3)
Skamania County, Washington	249	32.4	3.5	(25.6–39.2)
Snohomish County, Washington	1,628	26.2	1.3	(23.7–28.7)
Spokane County, Washington	1, 223	27.0	1.5	(24.0–30.0)
Thurston County, Washington	807	29.0	1.8	(25.4–32.6)
Yakima County, Washington	777	27.4	1.9	(23.7–31.1)
Kanawha County, West Virginia	551	31.7	2.2	(27.3–36.1)
Milwaukee County, Wisconsin	581	24.7	2.6	(19.7–29.7)
Fremont County, Wyoming	492	26.0	2.2	(21.6–30.4)
Laramie County, Wyoming	920	28.0	1.9	(24.4–31.6)
Natrona County, Wyoming	754	26.9	1.8	(23.3–30.5)
<i>Median</i>		25.5		
<i>Range</i>		12.6–39.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 73. Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,708	23.5	0.7	(22.0–25.0)
Alaska	2,379	21.4	1.3	(18.8–24.0)
Arizona	5,404	18.6	0.9	(16.8–20.4)
Arkansas	3,941	22.8	0.9	(21.0–24.6)
California	16,300	17.2	0.4	(16.4–18.0)
Colorado	11,074	18.0	0.5	(17.0–19.0)
Connecticut	6,418	16.1	0.6	(14.9–17.3)
Delaware	4,347	18.3	0.8	(16.6–20.0)
District of Columbia	3,810	16.1	0.7	(14.7–17.5)
Florida	11,716	20.9	0.7	(19.5–22.3)
Georgia	5,737	16.0	0.6	(14.7–17.3)
Hawaii	6,614	14.9	0.6	(13.8–16.0)
Idaho	5,289	20.1	0.7	(18.6–21.6)
Illinois	5,803	16.0	0.6	(14.8–17.2)
Indiana	9,113	20.0	0.6	(18.8–21.2)
Iowa	5,946	16.4	0.6	(15.3–17.5)
Kansas	18,806	18.9	0.4	(18.2–19.6)
Kentucky	9,432	24.8	0.8	(23.3–26.3)
Louisiana	8,830	20.3	0.6	(19.2–21.4)
Maine	7,991	21.7	0.6	(20.6–22.8)
Maryland	8,474	17.2	0.6	(16.1–18.3)
Massachusetts	15,843	17.9	0.5	(16.9–18.9)
Michigan	9,090	19.9	0.5	(18.9–20.9)
Minnesota	5,588	17.1	0.6	(15.8–18.4)
Mississippi	11,062	24.1	0.6	(23.0–25.2)
Missouri	4,980	22.1	0.9	(20.4–23.8)
Montana	7,535	20.7	0.6	(19.5–21.9)
Nebraska	15,751	17.9	0.6	(16.7–19.1)
Nevada	3,809	18.9	1.0	(17.0–20.8)
New Hampshire	5,916	18.3	0.7	(16.9–19.7)
New Jersey	11,972	15.0	0.4	(14.1–15.9)
New Mexico	8,716	20.8	0.6	(19.6–22.0)
New York	6,803	18.5	0.6	(17.3–19.7)
North Carolina	13,137	20.2	0.6	(19.0–21.4)
North Dakota	4,713	17.2	0.7	(15.8–18.6)
Ohio	9,636	20.7	0.6	(19.5–21.9)
Oklahoma	7,784	25.0	0.6	(23.8–26.2)
Oregon	4,137	21.5	0.8	(19.9–23.1)
Pennsylvania	9,040	19.0	0.6	(17.9–20.1)
Rhode Island	6,235	17.2	0.6	(16.0–18.4)
South Carolina	9,674	21.7	0.7	(20.4–23.0)
South Dakota	6,763	17.1	0.6	(15.9–18.3)
Tennessee	5,435	21.8	0.8	(20.2–23.4)
Texas	11,443	17.1	0.6	(16.0–18.2)
Utah	10,047	18.7	0.5	(17.6–19.8)
Vermont	6,584	19.2	0.6	(18.0–20.4)
Virginia	5,008	16.8	0.9	(15.0–18.6)
Washington	19,987	22.5	0.4	(21.7–23.3)
West Virginia	4,801	27.1	0.8	(25.6–28.6)
Wisconsin	4,399	18.1	0.9	(16.3–19.9)
Wyoming	5,981	18.7	0.7	(17.4–20.0)
Guam	1,260	11.0	1.0	(9.1–12.9)
Puerto Rico	4,219	17.3	0.7	(16.0–18.6)
Virgin Islands	2,460	10.2	0.7	(8.7–11.7)
<i>Median</i>		18.7		
<i>Range</i>		10.2–27.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 74. Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	771	20.6	1.9	(16.8–24.4)
Albuquerque, New Mexico	2,575	19.2	1.0	(17.3–21.1)
Alexandria, Louisiana	525	23.5	2.2	(19.2–27.8)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	848	18.1	2.3	(13.7–22.5)
Anchorage, Alaska	505	21.3	2.1	(17.2–25.4)
Asheville, North Carolina	843	21.7	1.8	(18.2–25.2)
Atlanta–Sandy Springs–Marietta, Georgia	2,279	14.4	1.0	(12.5–16.3)
Atlantic City–Hammonton, New Jersey	901	21.8	2.0	(17.8–25.8)
Augusta–Richmond County, Georgia–South Carolina	858	17.7	1.7	(14.5–20.9)
Augusta–Waterville, Maine	647	20.5	1.9	(16.8–24.2)
Austin–Round Rock, Texas	1,589	16.1	1.5	(13.1–19.1)
Baltimore–Towson, Maryland	3,069	18.3	0.9	(16.5–20.1)
Bangor, Maine	730	23.3	1.8	(19.7–26.9)
Barre, Vermont	684	18.6	1.9	(14.9–22.3)
Baton Rouge, Louisiana	1,207	16.3	1.3	(13.7–18.9)
Bethesda–Frederick–Gaithersburg, Maryland*	1,603	15.8	1.2	(13.5–18.1)
Billings, Montana	620	22.0	2.2	(17.8–26.2)
Birmingham–Hoover, Alabama	1,154	20.7	1.5	(17.8–23.6)
Bismarck, North Dakota	735	17.0	1.8	(13.4–20.6)
Boise City–Nampa, Idaho	1,258	18.9	1.4	(16.2–21.6)
Boston–Quincy, Massachusetts*	3,242	19.0	1.0	(16.9–21.1)
Bozeman, Montana	583	14.1	2.0	(10.2–18.0)
Bremerton–Silverdale, Washington	921	22.4	1.6	(19.3–25.5)
Bridgeport–Stamford–Norwalk, Connecticut	1,904	13.4	1.1	(11.3–15.5)
Buffalo–Niagara Falls, New York	544	18.3	2.0	(14.4–22.2)
Burlington–South Burlington, Vermont	1,911	17.8	1.0	(15.8–19.8)
Butte–Silver Bow, Montana	571	28.1	2.7	(22.9–33.3)
Cambridge–Newton–Framingham, Massachusetts*	2,935	15.3	1.0	(13.3–17.3)
Camden, New Jersey*	1,638	17.4	1.2	(15.0–19.8)
Canton–Massillon, Ohio	710	22.8	2.0	(18.9–26.7)
Casper, Wyoming	766	19.0	1.7	(15.7–22.3)
Cedar Rapids, Iowa	593	17.1	1.9	(13.4–20.8)
Charleston, West Virginia	855	28.9	1.9	(25.3–32.5)
Charleston–North Charleston–Summerville, South Carolina	1,181	18.8	2.0	(14.9–22.7)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,853	18.3	1.2	(16.0–20.6)
Chattanooga, Tennessee–Georgia	577	25.0	2.8	(19.5–30.5)
Cheyenne, Wyoming	930	20.0	1.7	(16.6–23.4)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,549	15.3	0.7	(13.9–16.7)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,697	20.5	1.4	(17.7–23.3)
Cleveland–Elyria–Mentor, Ohio	1,083	19.9	1.5	(17.0–22.8)
Colorado Springs, Colorado	1,097	19.4	1.4	(16.7–22.1)
Columbia, South Carolina	1,174	19.4	1.8	(15.9–22.9)
Columbus, Ohio	1,381	18.2	1.4	(15.5–20.9)
Concord, New Hampshire	623	16.6	1.8	(13.1–20.1)
Dallas–Plano–Irving, Texas*	582	13.5	1.7	(10.2–16.8)
Davenport–Moline–Rock Island, Iowa–Illinois	515	15.5	2.1	(11.4–19.6)
Dayton, Ohio	803	19.7	1.7	(16.3–23.1)
Denver–Aurora, Colorado	4,533	17.4	0.7	(16.0–18.8)
Des Moines–West Des Moines, Iowa	1,039	15.5	1.2	(13.1–17.9)
Detroit–Livonia–Dearborn, Michigan*	2,025	18.1	1.1	(16.0–20.2)
Dover, Delaware	1,431	18.2	1.2	(15.9–20.5)
Durham, North Carolina	885	15.2	2.2	(10.9–19.5)
Edison–New Brunswick, New Jersey*	2,186	15.2	0.9	(13.4–17.0)
El Paso, Texas	903	14.9	1.3	(12.3–17.5)
Evansville, Indiana–Kentucky	573	21.6	2.2	(17.3–25.9)
Fargo, North Dakota–Minnesota	803	16.0	2.9	(10.4–21.6)
Farmington, New Mexico	885	18.1	1.6	(15.0–21.2)
Fayetteville, North Carolina	535	23.2	2.8	(17.7–28.7)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	664	18.9	2.2	(14.6–23.2)
Fort Collins–Loveland, Colorado	543	15.9	1.9	(12.2–19.6)
Fort Wayne, Indiana	586	18.5	1.9	(14.8–22.2)
Fort Worth–Arlington, Texas*	591	18.0	1.8	(14.6–21.4)
Gallup, New Mexico	564	16.1	1.8	(12.6–19.6)

See table footnotes on page 233.

**TABLE 74. (Continued) Estimated proportion of adults aged ≥18 years who reported limited activities because of physical, mental, or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	819	16.3	1.4	(13.5–19.1)
Grand Rapids–Wyoming, Michigan	635	17.4	1.8	(13.8–21.0)
Greeley, Colorado	470	18.4	2.4	(13.8–23.0)
Greensboro–High Point, North Carolina	814	17.4	1.9	(13.7–21.1)
Greenville–Mauldin–Easley, South Carolina	848	25.1	2.4	(20.3–29.9)
Gulfport–Biloxi, Mississippi	947	33.7	3.2	(27.4–40.0)
Hagerstown–Martinsburg, Maryland–West Virginia	611	20.5	2.1	(16.4–24.6)
Hartford–West Hartford–East Hartford, Connecticut	2,044	15.8	1.0	(13.8–17.8)
Hastings, Nebraska	574	19.5	2.1	(15.3–23.7)
Heber, Utah	523	16.0	1.9	(12.3–19.7)
Hickory–Lenoir–Morganton, North Carolina	787	19.6	1.7	(16.2–23.0)
Hilo, Hawaii	1,482	18.5	1.2	(16.2–20.8)
Hilton Head Island–Beaufort, South Carolina	797	14.9	1.5	(11.9–17.9)
Honolulu, Hawaii	2,973	14.2	0.8	(12.7–15.7)
Houma–Bayou Cane–Thibodaux, Louisiana	534	19.8	2.3	(15.3–24.3)
Houston–Sugar Land–Baytown, Texas	2,125	14.8	1.0	(12.8–16.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	686	29.6	2.4	(24.9–34.3)
Idaho Falls, Idaho	491	20.3	2.1	(16.1–24.5)
Indianapolis–Carmel, Indiana	2,172	17.3	1.1	(15.2–19.4)
Jackson, Mississippi	1,198	21.1	1.5	(18.2–24.0)
Jacksonville, Florida	1,050	17.5	1.5	(14.6–20.4)
Kahului–Wailuku, Hawaii	1,523	14.7	1.1	(12.5–16.9)
Kalispell, Montana	542	22.2	2.2	(17.9–26.5)
Kansas City, Missouri–Kansas	6,183	18.8	0.9	(17.0–20.6)
Kapaa, Hawaii	636	14.7	1.6	(11.5–17.9)
Kennewick–Pasco–Richland, Washington	655	18.6	1.7	(15.2–22.0)
Kingsport–Bristol–Bristol, Tennessee–Virginia	508	24.0	2.7	(18.8–29.2)
Lake Charles, Louisiana	619	20.8	2.0	(16.9–24.7)
Las Cruces, New Mexico	729	19.7	1.8	(16.1–23.3)
Las Vegas–Paradise, Nevada	1,219	17.7	1.3	(15.2–20.2)
Lawrence, Kansas	598	17.1	2.4	(12.4–21.8)
Lebanon, New Hampshire–Vermont	1,499	18.8	1.2	(16.4–21.2)
Lewiston, Idaho–Washington	536	25.5	2.3	(21.0–30.0)
Lincoln, Nebraska	1,043	17.6	1.8	(14.0–21.2)
Little Rock–North Little Rock–Conway, Arkansas	825	23.4	2.1	(19.4–27.4)
Los Angeles–Long Beach–Glendale, California*	2,010	17.1	1.0	(15.1–19.1)
Louisville/Jefferson County, Kentucky–Indiana	2,255	23.6	1.9	(19.9–27.3)
Lubbock, Texas	515	14.7	1.8	(11.3–18.1)
Manchester–Nashua, New Hampshire	1,419	19.7	1.7	(16.3–23.1)
Manhattan, Kansas	601	19.1	2.2	(14.8–23.4)
McAllen–Edinburg–Mission, Texas	533	14.9	2.1	(10.8–19.0)
Memphis, Tennessee–Mississippi–Arkansas	1,507	17.9	1.6	(14.8–21.0)
Miami–Fort Lauderdale–Pompano Beach, Florida	818	17.4	2.0	(13.4–21.4)
Milwaukee–Waukesha–West Allis, Wisconsin	804	18.0	2.5	(13.2–22.8)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,110	16.4	0.8	(14.8–18.0)
Minot, North Dakota	534	17.1	1.7	(13.7–20.5)
Mobile, Alabama	706	21.6	2.0	(17.6–25.6)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	671	26.6	2.4	(21.9–31.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	821	18.4	1.8	(14.8–22.0)
Nassau–Suffolk, New York*	933	15.3	1.5	(12.4–18.2)
Newark–Union, New Jersey–Pennsylvania*	3,252	13.2	0.8	(11.6–14.8)
New Haven–Milford, Connecticut	1,634	19.6	1.5	(16.7–22.5)
New Orleans–Metairie–Kenner, Louisiana	1,608	20.6	1.4	(17.8–23.4)
New York–White Plains–Wayne, New York–New Jersey*	4,306	15.6	0.8	(14.1–17.1)
Norfolk, Nebraska	622	17.2	1.9	(13.5–20.9)
North Platte, Nebraska	523	20.7	2.3	(16.1–25.3)
Oakland–Fremont–Hayward, California*	1,231	16.6	1.3	(14.1–19.1)
Ocean City, New Jersey	495	16.7	2.1	(12.5–20.9)
Ogden–Clearfield, Utah	1,593	18.3	1.2	(16.0–20.6)
Oklahoma City, Oklahoma	2,289	24.0	1.1	(21.8–26.2)
Olympia, Washington	810	25.5	1.8	(21.9–29.1)
Omaha–Council Bluffs, Nebraska–Iowa	2,306	17.0	1.1	(14.8–19.2)
Orlando–Kissimmee, Florida	882	15.9	1.7	(12.5–19.3)

See table footnotes on page 233.



**TABLE 74. (Continued) Estimated proportion of adults aged ≥18 years who reported limited activities because of physical, mental, or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	700	26.7	2.7	(21.5–31.9)
Peabody, Massachusetts*	2,201	18.1	1.4	(15.4–20.8)
Philadelphia, Pennsylvania*	1,647	18.1	1.2	(15.7–20.5)
Phoenix–Mesa–Scottsdale, Arizona	1,555	17.4	1.3	(14.9–19.9)
Pittsburgh, Pennsylvania	2,152	17.6	1.1	(15.4–19.8)
Portland–South Portland–Biddeford, Maine	2,625	19.2	0.9	(17.4–21.0)
Portland–Vancouver–Beaverton, Oregon–Washington	2,999	20.5	1.0	(18.5–22.5)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	8,985	17.6	0.6	(16.4–18.8)
Provo–Orem, Utah	1,131	18.5	1.6	(15.3–21.7)
Raleigh–Cary, North Carolina	1,003	19.6	1.8	(16.1–23.1)
Rapid City, South Dakota	997	20.7	1.4	(17.9–23.5)
Reno–Sparks, Nevada	1,274	21.6	1.6	(18.4–24.8)
Richmond, Virginia	779	15.9	2.1	(11.8–20.0)
Riverside–San Bernardino–Ontario, California	1,916	18.8	1.1	(16.6–21.0)
Riverton, Wyoming	496	19.8	2.7	(14.5–25.1)
Rochester, New York	559	24.1	2.7	(18.8–29.4)
Rockingham County–Strafford County, New Hampshire*	1,609	16.8	1.3	(14.2–19.4)
Rutland, Vermont	700	21.5	1.9	(17.8–25.2)
Sacramento–Arden–Arcade–Roseville, California	1,208	18.6	1.4	(15.9–21.3)
St. Louis, Missouri–Illinois	1,601	20.1	1.5	(17.1–23.1)
Salt Lake City, Utah	4,279	19.0	0.8	(17.5–20.5)
San Antonio, Texas	817	18.2	1.7	(14.9–21.5)
San Diego–Carlsbad–San Marcos, California	1,593	15.8	1.1	(13.6–18.0)
San Francisco–San Mateo–Redwood City, California*	968	17.9	1.5	(14.9–20.9)
San Jose–Sunnyvale–Santa Clara, California	863	13.2	1.5	(10.2–16.2)
Santa Ana–Anaheim–Irvine, California*	1,422	13.1	1.0	(11.2–15.0)
Santa Fe, New Mexico	763	19.5	1.9	(15.8–23.2)
Scottsbluff, Nebraska	757	19.5	1.7	(16.1–22.9)
Scranton–Wilkes-Barre, Pennsylvania	920	19.4	1.9	(15.6–23.2)
Seaford, Delaware	1,458	18.6	1.3	(16.0–21.2)
Seattle–Bellevue–Everett, Washington*	4,793	20.6	0.7	(19.2–22.0)
Shreveport–Bossier City, Louisiana	682	21.4	1.9	(17.8–25.0)
Sioux City, Iowa–Nebraska–South Dakota	1,142	19.3	2.3	(14.7–23.9)
Sioux Falls, South Dakota	846	14.9	1.4	(12.2–17.6)
Spokane, Washington	1,236	22.0	1.4	(19.2–24.8)
Springfield, Massachusetts	2,001	18.9	1.3	(16.3–21.5)
Tacoma, Washington*	1,732	24.2	1.4	(21.5–26.9)
Tallahassee, Florida	567	16.5	2.6	(11.3–21.7)
Tampa–St. Petersburg–Clearwater, Florida	848	24.9	2.2	(20.5–29.3)
Toledo, Ohio	828	18.7	1.9	(15.0–22.4)
Topeka, Kansas	1,932	19.4	1.1	(17.2–21.6)
Trenton–Ewing, New Jersey	496	14.3	1.8	(10.7–17.9)
Tucson, Arizona	683	19.8	1.9	(16.0–23.6)
Tulsa, Oklahoma	2,290	24.3	1.1	(22.1–26.5)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,010	16.0	1.8	(12.5–19.5)
Warren–Troy–Farmington Hills, Michigan*	1,783	19.4	1.1	(17.2–21.6)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	5,987	13.5	1.1	(11.3–15.7)
Wenatchee, Washington	561	21.0	2.1	(16.9–25.1)
Wichita, Kansas	3,883	18.5	0.8	(17.0–20.0)
Wilmington, Delaware–Maryland–New Jersey*	1,881	18.5	1.1	(16.3–20.7)
Wilmington, North Carolina	503	19.9	2.9	(14.2–25.6)
Worcester, Massachusetts	1,960	17.5	1.2	(15.2–19.8)
Yakima, Washington	777	24.2	2.1	(20.1–28.3)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	877	21.7	2.3	(17.2–26.2)
<i>Median</i>		18.6		
<i>Range</i>		13.1–33.7		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 75. Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	600	20.2	2.1	(16.2–24.2)
Mobile County, Alabama	706	21.6	2.0	(17.6–25.6)
Anchorage Municipality, Alaska	368	21.4	2.6	(16.4–26.4)
Maricopa County, Arizona	1,184	17.0	1.4	(14.3–19.7)
Pima County, Arizona	683	19.8	1.9	(16.0–23.6)
Pinal County, Arizona	371	23.4	2.8	(17.9–28.9)
Benton County, Arkansas	332	17.6	2.6	(12.5–22.7)
Pulaski County, Arkansas	544	21.9	2.4	(17.3–26.5)
Washington County, Arkansas	287	16.6	2.7	(11.3–21.9)
Alameda County, California	688	16.2	1.7	(13.0–19.4)
Contra Costa County, California	543	18.5	2.0	(14.5–22.5)
Los Angeles County, California	2,010	17.1	1.0	(15.1–19.1)
Orange County, California	1,422	13.1	1.0	(11.2–15.0)
Riverside County, California	1,021	19.1	1.5	(16.1–22.1)
Sacramento County, California	733	20.3	1.8	(16.7–23.9)
San Bernardino County, California	895	18.2	1.6	(15.1–21.3)
San Diego County, California	1,593	15.8	1.1	(13.6–18.0)
San Francisco County, California	415	18.9	2.2	(14.5–23.3)
San Mateo County, California	357	13.7	2.1	(9.6–17.8)
Santa Clara County, California	840	13.2	1.6	(10.1–16.3)
Adams County, Colorado	810	19.5	1.8	(16.1–22.9)
Arapahoe County, Colorado	847	18.7	1.7	(15.4–22.0)
Denver County, Colorado	847	18.1	1.5	(15.1–21.1)
Douglas County, Colorado	527	12.6	1.7	(9.3–15.9)
El Paso County, Colorado	956	19.2	1.4	(16.4–22.0)
Jefferson County, Colorado	1,054	17.2	1.3	(14.6–19.8)
Larimer County, Colorado	543	15.9	1.9	(12.2–19.6)
Weld County, Colorado	470	18.4	2.4	(13.8–23.0)
Fairfield County, Connecticut	1,904	13.4	1.1	(11.3–15.5)
Hartford County, Connecticut	1,485	16.7	1.2	(14.4–19.0)
Middlesex County, Connecticut	264	18.0	2.8	(12.5–23.5)
New Haven County, Connecticut	1,634	19.6	1.5	(16.7–22.5)
Tolland County, Connecticut	295	10.8	2.0	(6.9–14.7)
Kent County, Delaware	1,431	18.2	1.2	(15.9–20.5)
New Castle County, Delaware	1,458	17.9	1.3	(15.4–20.4)
Sussex County, Delaware	1,458	18.6	1.3	(16.0–21.2)
District of Columbia	3,810	16.5	0.8	(14.9–18.1)
Broward County, Florida	264	16.1	3.5	(9.2–23.0)
Duval County, Florida	489	17.9	2.0	(13.9–21.9)
Hillsborough County, Florida	275	26.1	3.4	(19.4–32.8)
Miami–Dade County, Florida	268	19.7	3.1	(13.7–25.7)
Orange County, Florida	289	16.7	3.1	(10.5–22.9)
Osceola County, Florida	280	19.0	2.6	(13.9–24.1)
Palm Beach County, Florida	286	18.8	2.9	(13.2–24.4)
Pinellas County, Florida	269	23.0	3.2	(16.7–29.3)
Clayton County, Georgia	246	24.7	4.3	(16.2–33.2)
Cobb County, Georgia	278	12.2	2.1	(8.2–16.2)
DeKalb County, Georgia	302	11.3	1.9	(7.7–14.9)
Fulton County, Georgia	326	15.5	2.4	(10.8–20.2)
Hawaii County, Hawaii	1,482	18.5	1.2	(16.2–20.8)
Honolulu County, Hawaii	2,973	14.2	0.8	(12.7–15.7)
Kauai County, Hawaii	636	14.7	1.6	(11.5–17.9)
Maui County, Hawaii	1,523	14.7	1.1	(12.5–16.9)
Ada County, Idaho	665	18.0	1.8	(14.5–21.5)
Bonneville County, Idaho	382	20.4	2.4	(15.7–25.1)
Canyon County, Idaho	450	19.0	2.4	(14.4–23.6)
Nez Perce County, Idaho	301	22.8	2.8	(17.3–28.3)
Cook County, Illinois	1,881	16.0	1.1	(13.9–18.1)
DuPage County, Illinois	392	11.1	1.6	(8.0–14.2)
Lake County, Illinois	299	11.6	2.1	(7.6–15.6)
Will County, Illinois	299	14.0	2.4	(9.3–18.7)
Allen County, Indiana	490	16.9	1.8	(13.4–20.4)
Lake County, Indiana	962	20.2	2.2	(15.9–24.5)

See table footnotes on page 238.

**TABLE 75. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,482	18.6	1.4	(15.8–21.4)
Vanderburgh County, Indiana	253	24.8	3.3	(18.3–31.3)
Linn County, Iowa	518	16.8	2.1	(12.8–20.8)
Polk County, Iowa	792	16.6	1.5	(13.7–19.5)
Scott County, Iowa	365	16.0	2.1	(11.9–20.1)
Butler County, Kansas	442	19.6	2.3	(15.1–24.1)
Douglas County, Kansas	598	17.1	2.4	(12.4–21.8)
Johnson County, Kansas	3,212	14.0	0.7	(12.6–15.4)
Leavenworth County, Kansas	465	21.6	2.5	(16.6–26.6)
Riley County, Kansas	283	15.2	3.2	(8.9–21.5)
Sedgwick County, Kansas	3,005	18.5	0.8	(16.8–20.2)
Shawnee County, Kansas	1,398	19.9	1.3	(17.3–22.5)
Wyandotte County, Kansas	1,071	24.1	1.7	(20.8–27.4)
Jefferson County, Kentucky	1,761	26.3	2.8	(20.7–31.9)
Caddo Parish, Louisiana	436	20.3	2.3	(15.8–24.8)
Calcasieu Parish, Louisiana	602	20.5	2.0	(16.6–24.4)
East Baton Rouge Parish, Louisiana	720	15.2	1.5	(12.2–18.2)
Jefferson Parish, Louisiana	557	22.4	2.4	(17.6–27.2)
Orleans Parish, Louisiana	380	16.1	2.3	(11.5–20.7)
Rapides Parish, Louisiana	455	24.3	2.4	(19.6–29.0)
St. Tammany Parish, Louisiana	425	20.2	2.3	(15.8–24.6)
Terrebonne Parish, Louisiana	299	22.6	2.9	(17.0–28.2)
Cumberland County, Maine	1,329	20.6	1.4	(17.9–23.3)
Kennebec County, Maine	647	20.5	1.9	(16.8–24.2)
Penobscot County, Maine	730	23.3	1.8	(19.7–26.9)
Sagadahoc County, Maine	343	18.5	2.4	(13.7–23.3)
York County, Maine	953	17.5	1.4	(14.8–20.2)
Anne Arundel County, Maryland	557	18.2	2.1	(14.1–22.3)
Baltimore County, Maryland	967	17.3	1.4	(14.5–20.1)
Cecil County, Maryland	247	20.8	3.0	(15.0–26.6)
Charles County, Maryland	310	13.7	2.4	(9.0–18.4)
Frederick County, Maryland	549	14.3	1.6	(11.2–17.4)
Harford County, Maryland	259	18.5	3.4	(11.8–25.2)
Howard County, Maryland	335	11.2	2.0	(7.4–15.0)
Montgomery County, Maryland	1,054	16.2	1.3	(13.6–18.8)
Prince George's County, Maryland	632	12.1	1.4	(9.3–14.9)
Queen Anne's County, Maryland	260	15.1	2.3	(10.6–19.6)
Washington County, Maryland	355	19.1	2.9	(13.4–24.8)
Baltimore City, Maryland	507	26.1	2.4	(21.3–30.9)
Bristol County, Massachusetts	2,750	18.5	1.3	(15.9–21.1)
Essex County, Massachusetts	2,201	18.2	1.5	(15.3–21.1)
Hampden County, Massachusetts	1,536	16.7	1.4	(14.0–19.4)
Hampshire County, Massachusetts	282	19.1	3.0	(13.3–24.9)
Middlesex County, Massachusetts	2,935	15.4	1.1	(13.3–17.5)
Norfolk County, Massachusetts	896	19.2	1.7	(15.9–22.5)
Plymouth County, Massachusetts	625	17.3	1.7	(14.0–20.6)
Suffolk County, Massachusetts	1,721	19.9	1.7	(16.6–23.2)
Worcester County, Massachusetts	1,960	17.5	1.2	(15.2–19.8)
Kent County, Michigan	458	16.5	2.0	(12.5–20.5)
Macomb County, Michigan	520	20.1	2.3	(15.7–24.5)
Oakland County, Michigan	932	18.8	1.5	(15.8–21.8)
Wayne County, Michigan	2,025	18.1	1.1	(16.0–20.2)
Anoka County, Minnesota	291	19.4	2.6	(14.3–24.5)
Dakota County, Minnesota	379	13.0	1.9	(9.3–16.7)
Hennepin County, Minnesota	1,133	17.5	1.4	(14.8–20.2)
Ramsey County, Minnesota	529	18.3	2.0	(14.3–22.3)
DeSoto County, Mississippi	628	18.4	2.2	(14.0–22.8)
George County, Mississippi	375	33.1	3.3	(26.7–39.5)
Hancock County, Mississippi	335	27.4	3.1	(21.3–33.5)
Harrison County, Mississippi	289	36.1	4.1	(28.1–44.1)
Hinds County, Mississippi	504	20.2	2.3	(15.8–24.6)
Jackson County, Mississippi	325	24.9	3.0	(19.1–30.7)
Rankin County, Mississippi	329	22.0	2.6	(16.9–27.1)

See table footnotes on page 238.

**TABLE 75. (Continued) Estimated proportion of adults aged ≥18 years who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	323	27.6	3.3	(21.1–34.1)
Jackson County, Missouri	486	22.7	2.3	(18.2–27.2)
St. Louis County, Missouri	473	17.7	2.3	(13.2–22.2)
St. Louis City, Missouri	478	22.5	2.5	(17.7–27.3)
Flathead County, Montana	542	22.2	2.2	(17.9–26.5)
Gallatin County, Montana	583	14.1	2.0	(10.2–18.0)
Silver Bow County, Montana	571	28.1	2.7	(22.9–33.3)
Yellowstone County, Montana	570	22.6	2.2	(18.2–27.0)
Adams County, Nebraska	443	17.6	2.1	(13.5–21.7)
Dakota County, Nebraska	701	15.5	1.6	(12.4–18.6)
Douglas County, Nebraska	916	19.3	1.6	(16.1–22.5)
Hall County, Nebraska	588	17.2	1.7	(13.8–20.6)
Lancaster County, Nebraska	775	17.3	2.0	(13.4–21.2)
Lincoln County, Nebraska	493	21.1	2.5	(16.3–25.9)
Madison County, Nebraska	411	18.5	2.3	(14.0–23.0)
Sarpy County, Nebraska	577	10.4	1.5	(7.4–13.4)
Scotts Bluff County, Nebraska	741	19.6	1.7	(16.2–23.0)
Seward County, Nebraska	268	21.9	2.9	(16.1–27.7)
Clark County, Nevada	1,219	17.7	1.3	(15.2–20.2)
Washoe County, Nevada	1,245	21.5	1.6	(18.3–24.7)
Grafton County, New Hampshire	505	19.4	2.1	(15.2–23.6)
Hillsborough County, New Hampshire	1,419	19.7	1.7	(16.3–23.1)
Merrimack County, New Hampshire	623	16.6	1.8	(13.1–20.1)
Rockingham County, New Hampshire	989	15.3	1.6	(12.3–18.3)
Strafford County, New Hampshire	620	20.6	2.3	(16.1–25.1)
Atlantic County, New Jersey	901	21.8	2.0	(18.0–25.6)
Bergen County, New Jersey	608	13.9	1.6	(10.7–17.1)
Burlington County, New Jersey	541	18.3	2.3	(13.7–22.9)
Camden County, New Jersey	597	17.4	1.8	(13.8–21.0)
Cape May County, New Jersey	495	16.7	2.1	(12.5–20.9)
Essex County, New Jersey	1,020	13.0	1.3	(10.5–15.5)
Gloucester County, New Jersey	500	15.0	1.8	(11.5–18.5)
Hudson County, New Jersey	964	15.8	1.5	(12.8–18.8)
Hunterdon County, New Jersey	532	11.6	1.5	(8.6–14.6)
Mercer County, New Jersey	496	14.3	1.8	(10.7–17.9)
Middlesex County, New Jersey	597	15.1	1.7	(11.8–18.4)
Monmouth County, New Jersey	537	15.7	1.8	(12.1–19.3)
Morris County, New Jersey	688	12.1	1.7	(8.8–15.4)
Ocean County, New Jersey	513	16.5	1.8	(12.9–20.1)
Passaic County, New Jersey	492	12.1	1.8	(8.7–15.5)
Somerset County, New Jersey	539	14.1	1.8	(10.6–17.6)
Sussex County, New Jersey	478	16.8	2.0	(12.9–20.7)
Union County, New Jersey	498	11.8	1.6	(8.6–15.0)
Warren County, New Jersey	469	14.2	1.9	(10.5–17.9)
Bernalillo County, New Mexico	1,457	18.5	1.2	(16.1–20.9)
Dona Ana County, New Mexico	729	19.7	1.8	(16.1–23.3)
McKinley County, New Mexico	564	16.1	1.8	(12.6–19.6)
Sandoval County, New Mexico	640	20.7	2.3	(16.2–25.2)
San Juan County, New Mexico	885	18.1	1.6	(15.0–21.2)
Santa Fe County, New Mexico	763	19.5	1.9	(15.8–23.2)
Valencia County, New Mexico	387	22.8	2.5	(17.9–27.7)
Erie County, New York	444	19.0	2.3	(14.5–23.5)
Kings County, New York	443	17.8	2.0	(13.9–21.7)
Monroe County, New York	378	23.6	2.9	(17.9–29.3)
Nassau County, New York	438	15.8	2.2	(11.4–20.2)
New York County, New York	512	13.7	1.8	(10.3–17.1)
Queens County, New York	473	15.0	1.8	(11.4–18.6)
Suffolk County, New York	495	15.3	2.0	(11.3–19.3)
Westchester County, New York	337	14.1	2.3	(9.6–18.6)
Buncombe County, North Carolina	398	22.9	2.4	(18.1–27.7)
Cabarrus County, North Carolina	347	17.6	2.4	(13.0–22.2)
Catawba County, North Carolina	363	18.5	2.4	(13.8–23.2)
Cumberland County, North Carolina	380	22.6	2.5	(17.7–27.5)

See table footnotes on page 238.

**TABLE 75. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	414	14.0	2.4	(9.4–18.6)
Gaston County, North Carolina	347	27.4	3.1	(21.3–33.5)
Guilford County, North Carolina	423	15.6	2.0	(11.8–19.4)
Henderson County, North Carolina	261	18.6	2.6	(13.6–23.6)
Johnston County, North Carolina	365	24.3	3.2	(18.1–30.5)
Mecklenburg County, North Carolina	609	17.7	2.0	(13.7–21.7)
New Hanover County, North Carolina	411	24.5	3.0	(18.6–30.4)
Orange County, North Carolina	366	12.4	1.9	(8.8–16.0)
Randolph County, North Carolina	350	20.9	2.7	(15.6–26.2)
Union County, North Carolina	365	15.6	2.5	(10.7–20.5)
Wake County, North Carolina	598	18.2	2.1	(14.1–22.3)
Burleigh County, North Dakota	558	18.2	2.2	(13.9–22.5)
Cass County, North Dakota	743	14.7	1.9	(11.1–18.3)
Ward County, North Dakota	461	16.9	1.9	(13.2–20.6)
Cuyahoga County, Ohio	685	19.5	1.8	(16.0–23.0)
Franklin County, Ohio	658	19.3	1.9	(15.5–23.1)
Hamilton County, Ohio	690	22.3	2.0	(18.5–26.1)
Lucas County, Ohio	670	19.4	1.8	(15.9–22.9)
Mahoning County, Ohio	674	18.9	1.8	(15.3–22.5)
Montgomery County, Ohio	669	22.2	1.8	(18.6–25.8)
Stark County, Ohio	677	21.4	1.9	(17.7–25.1)
Summit County, Ohio	673	21.0	1.9	(17.2–24.8)
Canadian County, Oklahoma	267	23.4	2.8	(17.9–28.9)
Cleveland County, Oklahoma	420	22.1	2.4	(17.4–26.8)
Oklahoma County, Oklahoma	1,217	23.4	1.4	(20.6–26.2)
Tulsa County, Oklahoma	1,572	23.4	1.3	(20.9–25.9)
Clackamas County, Oregon	410	20.4	2.3	(15.8–25.0)
Multnomah County, Oregon	626	18.8	1.8	(15.2–22.4)
Washington County, Oregon	426	19.2	2.7	(14.0–24.4)
Allegheny County, Pennsylvania	700	16.1	1.5	(13.1–19.1)
Bucks County, Pennsylvania	300	18.0	2.7	(12.7–23.3)
Delaware County, Pennsylvania	251	16.4	2.8	(10.9–21.9)
Fayette County, Pennsylvania	802	24.8	2.0	(20.8–28.8)
Luzerne County, Pennsylvania	768	19.2	1.8	(15.7–22.7)
Montgomery County, Pennsylvania	387	16.6	2.1	(12.5–20.7)
Philadelphia County, Pennsylvania	484	21.5	2.3	(16.9–26.1)
Westmoreland County, Pennsylvania	250	18.1	2.6	(13.0–23.2)
Kent County, Rhode Island	855	17.4	1.4	(14.7–20.1)
Newport County, Rhode Island	471	18.6	2.3	(14.2–23.0)
Providence County, Rhode Island	3,968	18.5	0.9	(16.8–20.2)
Washington County, Rhode Island	694	12.7	1.4	(9.9–15.5)
Aiken County, South Carolina	453	22.7	2.5	(17.8–27.6)
Beaufort County, South Carolina	679	15.3	1.6	(12.1–18.5)
Berkeley County, South Carolina	357	24.4	3.6	(17.3–31.5)
Charleston County, South Carolina	685	16.4	2.6	(11.3–21.5)
Greenville County, South Carolina	532	24.3	2.9	(18.5–30.1)
Horry County, South Carolina	671	26.6	2.4	(21.9–31.3)
Richland County, South Carolina	726	16.9	2.2	(12.5–21.3)
Minnehaha County, South Dakota	604	15.9	1.8	(12.4–19.4)
Pennington County, South Dakota	786	21.6	1.7	(18.4–24.8)
Davidson County, Tennessee	423	15.7	2.2	(11.3–20.1)
Hamilton County, Tennessee	425	18.9	2.2	(14.6–23.2)
Shelby County, Tennessee	364	17.2	2.4	(12.5–21.9)
Sullivan County, Tennessee	354	25.0	2.7	(19.6–30.4)
Bexar County, Texas	674	17.8	1.8	(14.3–21.3)
Dallas County, Texas	310	14.5	2.3	(10.0–19.0)
El Paso County, Texas	903	14.9	1.3	(12.3–17.5)
Fort Bend County, Texas	679	14.7	1.8	(11.1–18.3)
Harris County, Texas	1,130	14.8	1.3	(12.3–17.3)
Hidalgo County, Texas	533	14.9	2.1	(10.8–19.0)
Lubbock County, Texas	499	14.5	1.8	(11.0–18.0)
Tarrant County, Texas	479	18.9	2.0	(14.9–22.9)
Travis County, Texas	918	16.0	1.9	(12.4–19.6)

See table footnotes on page 238.

**TABLE 75. (Continued) Estimated proportion of adults aged  $\geq 18$  years who reported limited activities because of physical, mental, or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	588	13.1	1.6	(10.0–16.2)
Davis County, Utah	795	16.8	1.4	(14.0–19.6)
Salt Lake County, Utah	3,288	19.4	0.8	(17.7–21.1)
Summit County, Utah	495	11.6	1.7	(8.3–14.9)
Tooele County, Utah	496	18.0	2.0	(14.0–22.0)
Utah County, Utah	1,074	18.3	1.6	(15.1–21.5)
Wasatch County, Utah	523	16.0	1.9	(12.3–19.7)
Weber County, Utah	764	20.1	1.8	(16.6–23.6)
Chittenden County, Vermont	1,388	18.2	1.3	(15.7–20.7)
Franklin County, Vermont	442	18.3	2.0	(14.3–22.3)
Orange County, Vermont	355	18.9	2.3	(14.4–23.4)
Rutland County, Vermont	700	21.5	1.9	(17.8–25.2)
Washington County, Vermont	684	18.6	1.9	(14.9–22.3)
Windsor County, Vermont	639	18.5	1.7	(15.2–21.8)
Benton County, Washington	417	20.0	2.1	(15.8–24.2)
Chelan County, Washington	296	21.0	2.6	(15.8–26.2)
Clark County, Washington	1,117	24.0	1.7	(20.7–27.3)
Douglas County, Washington	265	20.9	3.1	(14.8–27.0)
King County, Washington	3,152	20.1	0.9	(18.4–21.8)
Kitsap County, Washington	921	22.4	1.6	(19.3–25.5)
Pierce County, Washington	1,732	23.9	1.3	(21.3–26.5)
Skamania County, Washington	251	26.5	3.3	(20.1–32.9)
Snohomish County, Washington	1,641	24.0	1.3	(21.4–26.6)
Spokane County, Washington	1,236	22.0	1.4	(19.2–24.8)
Thurston County, Washington	810	25.5	1.8	(21.9–29.1)
Yakima County, Washington	777	24.2	2.1	(20.1–28.3)
Kanawha County, West Virginia	556	27.5	2.3	(23.0–32.0)
Milwaukee County, Wisconsin	596	19.4	2.3	(14.9–23.9)
Fremont County, Wyoming	496	19.8	2.7	(14.5–25.1)
Laramie County, Wyoming	930	20.0	1.7	(16.6–23.4)
Natrona County, Wyoming	766	19.0	1.7	(15.7–22.3)
<i>Median</i>		18.5		
<i>Range</i>		10.4–36.1		

**Abbreviations:** SE = standard error; CI = confidence interval.



**TABLE 76. Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2009**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	6,743	10.2	0.5	(9.2–11.2)
Alaska	2,399	5.6	0.6	(4.4–6.8)
Arizona	5,426	6.3	0.5	(5.4–7.2)
Arkansas	3,953	8.1	0.5	(7.1–9.1)
California	16,270	6.4	0.2	(6.0–6.8)
Colorado	11,116	5.7	0.3	(5.2–6.2)
Connecticut	6,438	6.4	0.4	(5.7–7.1)
Delaware	4,351	7.2	0.5	(6.3–8.1)
District of Columbia	3,828	8.1	0.5	(7.2–9.0)
Florida	11,741	8.1	0.4	(7.3–8.9)
Georgia	5,750	6.0	0.3	(5.4–6.6)
Hawaii	6,625	5.0	0.3	(4.4–5.6)
Idaho	5,321	6.5	0.4	(5.7–7.3)
Illinois	5,801	6.5	0.4	(5.8–7.2)
Indiana	9,145	8.0	0.4	(7.3–8.7)
Iowa	5,958	6.5	0.3	(5.8–7.2)
Kansas	18,842	6.9	0.2	(6.5–7.3)
Kentucky	9,447	9.9	0.5	(8.9–10.9)
Louisiana	8,841	8.2	0.4	(7.5–8.9)
Maine	8,015	7.8	0.3	(7.1–8.5)
Maryland	8,498	7.6	0.4	(6.9–8.3)
Massachusetts	16,005	6.6	0.3	(6.1–7.1)
Michigan	9,126	7.7	0.3	(7.0–8.4)
Minnesota	5,595	7.3	0.4	(6.5–8.1)
Mississippi	11,075	9.6	0.4	(8.9–10.3)
Missouri	4,991	8.1	0.5	(7.2–9.0)
Montana	7,543	7.0	0.4	(6.3–7.7)
Nebraska	15,772	6.3	0.3	(5.7–6.9)
Nevada	3,807	7.5	0.6	(6.3–8.7)
New Hampshire	5,942	6.2	0.4	(5.5–6.9)
New Jersey	12,000	5.8	0.3	(5.3–6.3)
New Mexico	8,734	8.1	0.4	(7.3–8.9)
New York	6,823	8.0	0.4	(7.2–8.8)
North Carolina	13,165	7.8	0.3	(7.1–8.5)
North Dakota	4,719	5.9	0.4	(5.2–6.6)
Ohio	9,667	7.7	0.3	(7.1–8.3)
Oklahoma	7,790	8.9	0.4	(8.2–9.6)
Oregon	4,160	7.0	0.4	(6.2–7.8)
Pennsylvania	9,062	7.6	0.3	(6.9–8.3)
Rhode Island	6,243	6.9	0.4	(6.2–7.6)
South Carolina	9,755	9.5	0.4	(8.6–10.4)
South Dakota	6,763	6.5	0.4	(5.8–7.2)
Tennessee	5,430	8.4	0.5	(7.5–9.3)
Texas	11,469	6.6	0.3	(6.0–7.2)
Utah	10,081	5.3	0.2	(4.8–5.8)
Vermont	6,611	5.9	0.3	(5.3–6.5)
Virginia	5,013	7.0	0.6	(5.9–8.1)
Washington	20,088	7.3	0.2	(6.9–7.7)
West Virginia	4,807	10.2	0.5	(9.3–11.1)
Wisconsin	4,393	6.0	0.4	(5.2–6.8)
Wyoming	5,999	6.5	0.3	(5.9–7.1)
Guam	1,263	4.1	0.6	(3.0–5.2)
Puerto Rico	4,220	7.8	0.4	(7.0–8.6)
Virgin Islands	2,472	3.6	0.4	(2.7–4.5)
<i>Median</i>		7.0		
<i>Range</i>		3.6–10.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 77. Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	772	7.6	1.1	(5.4–9.8)
Albuquerque, New Mexico	2,583	8.4	0.7	(7.0–9.8)
Alexandria, Louisiana	525	10.4	1.6	(7.3–13.5)
Allentown–Bethlehem–Easton, Pennsylvania–New Jersey	847	6.4	1.1	(4.2–8.6)
Anchorage, Alaska	509	5.8	1.0	(3.9–7.7)
Asheville, North Carolina	847	8.1	1.0	(6.2–10.0)
Atlanta–Sandy Springs–Marietta, Georgia	2,283	4.3	0.4	(3.5–5.1)
Atlantic City–Hammonton, New Jersey	905	7.5	0.9	(5.7–9.3)
Augusta–Richmond County, Georgia–South Carolina	866	8.6	1.2	(6.2–11.0)
Augusta–Waterville, Maine	652	9.0	1.2	(6.6–11.4)
Austin–Round Rock, Texas	1,595	4.7	0.6	(3.5–5.9)
Baltimore–Towson, Maryland	3,078	8.1	0.6	(7.0–9.2)
Bangor, Maine	731	7.8	1.1	(5.7–9.9)
Barre, Vermont	687	5.0	0.8	(3.5–6.5)
Baton Rouge, Louisiana	1,207	6.9	0.8	(5.3–8.5)
Bethesda–Frederick–Gaithersburg, Maryland*	1,609	6.5	0.8	(4.9–8.1)
Billings, Montana	622	6.5	1.0	(4.5–8.5)
Birmingham–Hoover, Alabama	1,156	10.1	1.1	(7.9–12.3)
Bismarck, North Dakota	734	5.2	1.2	(2.9–7.5)
Boise City–Nampa, Idaho	1,267	5.8	0.8	(4.3–7.3)
Boston–Quincy, Massachusetts*	3,258	7.1	0.6	(6.0–8.2)
Bozeman, Montana	585	5.1	1.6	(1.9–8.3)
Bremerton–Silverdale, Washington	927	7.7	0.9	(5.9–9.5)
Bridgeport–Stamford–Norwalk, Connecticut	1,914	3.5	0.4	(2.7–4.3)
Buffalo–Niagara Falls, New York	546	8.0	1.6	(4.9–11.1)
Burlington–South Burlington, Vermont	1,922	4.6	0.4	(3.8–5.4)
Butte–Silver Bow, Montana	571	8.4	1.5	(5.4–11.4)
Cambridge–Newton–Framingham, Massachusetts*	2,964	4.7	0.4	(3.8–5.6)
Camden, New Jersey*	1,639	6.9	0.8	(5.4–8.4)
Canton–Massillon, Ohio	711	7.6	1.1	(5.5–9.7)
Casper, Wyoming	768	7.1	0.9	(5.2–9.0)
Cedar Rapids, Iowa	591	4.7	0.8	(3.0–6.4)
Charleston, West Virginia	855	9.5	1.1	(7.3–11.7)
Charleston–North Charleston–Summerville, South Carolina	1,186	7.7	1.0	(5.8–9.6)
Charlotte–Gastonia–Concord, North Carolina–South Carolina	1,852	7.9	0.7	(6.5–9.3)
Chattanooga, Tennessee–Georgia	578	10.5	1.6	(7.4–13.6)
Cheyenne, Wyoming	933	7.4	1.0	(5.5–9.3)
Chicago–Naperville–Joliet, Illinois–Indiana–Wisconsin	4,544	6.0	0.5	(5.1–6.9)
Cincinnati–Middletown, Ohio–Kentucky–Indiana	1,702	6.3	0.7	(5.0–7.6)
Cleveland–Elyria–Mentor, Ohio	1,082	7.4	0.9	(5.6–9.2)
Colorado Springs, Colorado	1,099	6.9	0.8	(5.3–8.5)
Columbia, South Carolina	1,185	8.8	1.0	(6.8–10.8)
Columbus, Ohio	1,386	6.8	0.7	(5.4–8.2)
Concord, New Hampshire	630	6.3	1.1	(4.2–8.4)
Dallas–Plano–Irving, Texas*	584	4.3	0.8	(2.8–5.8)
Davenport–Moline–Rock Island, Iowa–Illinois	516	6.4	1.1	(4.2–8.6)
Dayton, Ohio	809	8.9	1.1	(6.7–11.1)
Denver–Aurora, Colorado	4,558	5.8	0.4	(5.0–6.6)
Des Moines–West Des Moines, Iowa	1,044	5.6	0.7	(4.3–6.9)
Detroit–Livonia–Dearborn, Michigan*	2,034	9.3	0.8	(7.7–10.9)
Dover, Delaware	1,433	8.5	0.8	(6.9–10.1)
Durham, North Carolina	887	5.0	0.9	(3.3–6.7)
Edison–New Brunswick, New Jersey*	2,192	5.8	0.6	(4.7–6.9)
El Paso, Texas	905	6.9	0.9	(5.2–8.6)
Evansville, Indiana–Kentucky	577	7.7	1.2	(5.3–10.1)
Fargo, North Dakota–Minnesota	809	4.6	1.2	(2.3–6.9)
Farmington, New Mexico	886	4.5	0.6	(3.3–5.7)
Fayetteville, North Carolina	537	9.3	1.4	(6.6–12.0)
Fayetteville–Springdale–Rogers, Arkansas–Missouri	662	6.0	1.4	(3.2–8.8)
Fort Collins–Loveland, Colorado	546	4.4	1.0	(2.5–6.3)
Fort Wayne, Indiana	594	6.8	1.0	(4.8–8.8)
Fort Worth–Arlington, Texas*	594	6.6	1.0	(4.6–8.6)
Gallup, New Mexico	566	3.9	0.8	(2.3–5.5)

See table footnotes on page 242.

**TABLE 77. Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Grand Island, Nebraska	819	5.7	0.7	(4.3–7.1)
Grand Rapids–Wyoming, Michigan	639	5.6	0.9	(3.9–7.3)
Greeley, Colorado	472	5.4	1.1	(3.3–7.5)
Greensboro–High Point, North Carolina	818	6.9	0.9	(5.1–8.7)
Greenville–Mauldin–Easley, South Carolina	856	10.3	1.6	(7.1–13.5)
Gulfport–Biloxi, Mississippi	945	11.5	1.9	(7.7–15.3)
Hagerstown–Martinsburg, Maryland–West Virginia	612	7.6	1.3	(5.1–10.1)
Hartford–West Hartford–East Hartford, Connecticut	2,045	6.7	0.6	(5.5–7.9)
Hastings, Nebraska	575	8.3	1.2	(6.0–10.6)
Heber, Utah	527	3.4	0.7	(2.0–4.8)
Hickory–Lenoir–Morganton, North Carolina	787	8.8	1.1	(6.7–10.9)
Hilo, Hawaii	1,484	5.1	0.6	(3.9–6.3)
Hilton Head Island–Beaufort, South Carolina	799	7.1	1.1	(4.9–9.3)
Honolulu, Hawaii	2,980	4.8	0.4	(4.0–5.6)
Houma–Bayou Cane–Thibodaux, Louisiana	535	6.9	1.1	(4.7–9.1)
Houston–Sugar Land–Baytown, Texas	2,130	5.5	0.5	(4.4–6.6)
Huntington–Ashland, West Virginia–Kentucky–Ohio	687	11.5	1.6	(8.3–14.7)
Idaho Falls, Idaho	497	7.6	1.5	(4.8–10.4)
Indianapolis–Carmel, Indiana	2,179	7.5	0.7	(6.1–8.9)
Jackson, Mississippi	1,200	9.0	1.1	(6.9–11.1)
Jacksonville, Florida	1,053	7.6	0.9	(5.8–9.4)
Kahului–Wailuku, Hawaii	1,522	5.1	0.6	(3.9–6.3)
Kalispell, Montana	546	6.1	1.2	(3.7–8.5)
Kansas City, Missouri–Kansas	6,192	7.6	0.6	(6.4–8.8)
Kapaa, Hawaii	639	4.9	0.8	(3.2–6.6)
Kennewick–Pasco–Richland, Washington	657	7.6	1.1	(5.4–9.8)
Kingsport–Bristol–Bristol, Tennessee–Virginia	507	10.0	1.6	(6.8–13.2)
Lake Charles, Louisiana	620	8.2	1.1	(6.1–10.3)
Las Cruces, New Mexico	730	7.9	1.0	(5.9–9.9)
Las Vegas–Paradise, Nevada	1,218	7.3	0.8	(5.7–8.9)
Lawrence, Kansas	602	3.7	0.6	(2.5–4.9)
Lebanon, New Hampshire–Vermont	1,506	6.5	0.7	(5.2–7.8)
Lewiston, Idaho–Washington	538	9.2	1.4	(6.5–11.9)
Lincoln, Nebraska	1,046	5.9	0.7	(4.4–7.4)
Little Rock–North Little Rock–Conway, Arkansas	826	8.5	1.2	(6.1–10.9)
Los Angeles–Long Beach–Glendale, California*	2,009	6.3	0.6	(5.1–7.5)
Louisville/Jefferson County, Kentucky–Indiana	2,260	9.0	1.3	(6.5–11.5)
Lubbock, Texas	519	6.3	1.2	(4.0–8.6)
Manchester–Nashua, New Hampshire	1,421	5.9	0.8	(4.4–7.4)
Manhattan, Kansas	601	4.6	0.7	(3.2–6.0)
McAllen–Edinburg–Mission, Texas	532	6.6	1.1	(4.4–8.8)
Memphis, Tennessee–Mississippi–Arkansas	1,508	8.8	1.1	(6.7–10.9)
Miami–Fort Lauderdale–Pompano Beach, Florida	814	5.0	0.7	(3.6–6.4)
Milwaukee–Waukesha–West Allis, Wisconsin	802	5.4	0.9	(3.6–7.2)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	3,113	6.7	0.5	(5.7–7.7)
Minot, North Dakota	535	9.2	1.3	(6.6–11.8)
Mobile, Alabama	712	9.7	1.4	(7.0–12.4)
Myrtle Beach–North Myrtle Beach–Conway, South Carolina	675	11.0	1.7	(7.7–14.3)
Nashville–Davidson–Murfreesboro–Franklin, Tennessee	821	6.1	0.8	(4.5–7.7)
Nassau–Suffolk, New York*	932	5.2	0.7	(3.8–6.6)
Newark–Union, New Jersey–Pennsylvania*	3,261	5.1	0.4	(4.3–5.9)
New Haven–Milford, Connecticut	1,640	9.1	1.0	(7.2–11.0)
New Orleans–Metairie–Kenner, Louisiana	1,610	7.9	0.8	(6.3–9.5)
New York–White Plains–Wayne, New York–New Jersey*	4,322	6.7	0.5	(5.7–7.7)
Norfolk, Nebraska	624	5.2	0.9	(3.5–6.9)
North Platte, Nebraska	520	7.0	1.3	(4.5–9.5)
Oakland–Fremont–Hayward, California*	1,230	7.3	0.8	(5.6–9.0)
Ocean City, New Jersey	497	6.1	1.3	(3.6–8.6)
Ogden–Clearfield, Utah	1,599	5.5	0.6	(4.4–6.6)
Oklahoma City, Oklahoma	2,288	8.4	0.7	(7.0–9.8)
Olympia, Washington	814	7.2	0.9	(5.3–9.1)
Omaha–Council Bluffs, Nebraska–Iowa	2,310	6.2	0.6	(5.1–7.3)
Orlando–Kissimmee, Florida	884	7.2	1.3	(4.7–9.7)

See table footnotes on page 242.

**TABLE 77. Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2009**

MMSA	Sample size	%	SE	(95% CI)
Pascagoula, Mississippi	701	9.2	1.3	(6.6–11.8)
Peabody, Massachusetts*	2,203	6.0	0.7	(4.6–7.4)
Philadelphia, Pennsylvania*	1,652	7.8	0.7	(6.4–9.2)
Phoenix–Mesa–Scottsdale, Arizona	1,560	5.7	0.7	(4.4–7.0)
Pittsburgh, Pennsylvania	2,154	7.0	0.7	(5.7–8.3)
Portland–South Portland–Biddeford, Maine	2,631	6.7	0.6	(5.6–7.8)
Portland–Vancouver–Beaverton, Oregon–Washington	3,022	6.2	0.5	(5.2–7.2)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,089	7.0	0.3	(6.3–7.7)
Provo–Orem, Utah	1,137	4.2	0.6	(3.0–5.4)
Raleigh–Cary, North Carolina	1,005	6.2	1.0	(4.3–8.1)
Rapid City, South Dakota	992	6.6	0.8	(5.1–8.1)
Reno–Sparks, Nevada	1,273	7.1	0.9	(5.3–8.9)
Richmond, Virginia	779	7.2	1.6	(4.1–10.3)
Riverside–San Bernardino–Ontario, California	1,912	6.8	0.6	(5.6–8.0)
Riverton, Wyoming	498	6.8	1.2	(4.5–9.1)
Rochester, New York	560	7.5	1.1	(5.3–9.7)
Rockingham County–Strafford County, New Hampshire*	1,615	5.9	0.6	(4.7–7.1)
Rutland, Vermont	702	7.2	1.0	(5.3–9.1)
Sacramento–Arden–Arcade–Roseville, California	1,205	7.2	0.8	(5.7–8.7)
St. Louis, Missouri–Illinois	1,604	6.6	0.8	(5.1–8.1)
Salt Lake City, Utah	4,288	5.8	0.4	(5.0–6.6)
San Antonio, Texas	815	6.7	0.8	(5.2–8.2)
San Diego–Carlsbad–San Marcos, California	1,589	5.6	0.6	(4.4–6.8)
San Francisco–San Mateo–Redwood City, California*	968	5.6	0.7	(4.1–7.1)
San Jose–Sunnyvale–Santa Clara, California	861	4.6	0.8	(3.0–6.2)
Santa Ana–Anaheim–Irvine, California*	1,414	4.3	0.6	(3.2–5.4)
Santa Fe, New Mexico	767	6.2	1.1	(4.1–8.3)
Scottsbluff, Nebraska	760	6.0	0.8	(4.4–7.6)
Scranton–Wilkes-Barre, Pennsylvania	928	8.4	1.2	(6.0–10.8)
Seaford, Delaware	1,459	7.8	0.7	(6.4–9.2)
Seattle–Bellevue–Everett, Washington*	4,817	6.5	0.4	(5.7–7.3)
Shreveport–Bossier City, Louisiana	681	9.4	1.4	(6.7–12.1)
Sioux City, Iowa–Nebraska–South Dakota	1,146	5.5	1.2	(3.1–7.9)
Sioux Falls, South Dakota	848	6.2	1.0	(4.3–8.1)
Spokane, Washington	1,240	8.0	0.9	(6.3–9.7)
Springfield, Massachusetts	2,003	7.2	0.7	(5.8–8.6)
Tacoma, Washington*	1,736	8.0	0.8	(6.4–9.6)
Tallahassee, Florida	569	7.6	1.6	(4.5–10.7)
Tampa–St. Petersburg–Clearwater, Florida	851	10.3	1.4	(7.5–13.1)
Toledo, Ohio	831	8.4	1.6	(5.4–11.4)
Topeka, Kansas	1,938	7.4	0.6	(6.1–8.7)
Trenton–Ewing, New Jersey	496	6.9	1.4	(4.2–9.6)
Tucson, Arizona	686	6.7	0.9	(4.9–8.5)
Tulsa, Oklahoma	2,286	8.5	0.6	(7.2–9.8)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,009	6.9	0.9	(5.2–8.6)
Warren–Troy–Farmington Hills, Michigan*	1,791	6.3	0.6	(5.1–7.5)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia*	6,017	6.0	0.7	(4.6–7.4)
Wenatchee, Washington	563	6.5	1.0	(4.5–8.5)
Wichita, Kansas	3,895	6.3	0.4	(5.6–7.0)
Wilmington, Delaware–Maryland–New Jersey*	1,881	7.0	0.6	(5.7–8.3)
Wilmington, North Carolina	504	6.9	1.4	(4.1–9.7)
Worcester, Massachusetts	1,974	6.6	0.7	(5.2–8.0)
Yakima, Washington	780	8.1	1.1	(6.0–10.2)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	884	8.3	1.3	(5.8–10.8)
<i>Median</i>		6.9		
<i>Range</i>		3.4–11.5		

Abbreviations: SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 78. Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	602	11.7	1.7	(8.3–15.1)
Mobile County, Alabama	712	9.7	1.4	(7.0–12.4)
Anchorage Municipality, Alaska	371	4.7	1.0	(2.8–6.6)
Maricopa County, Arizona	1,186	5.5	0.7	(4.1–6.9)
Pima County, Arizona	686	6.7	0.9	(4.9–8.5)
Pinal County, Arizona	374	7.8	1.6	(4.7–10.9)
Benton County, Arkansas	331	5.0	1.2	(2.7–7.3)
Pulaski County, Arkansas	544	9.6	1.7	(6.3–12.9)
Washington County, Arkansas	286	4.3	1.2	(2.0–6.6)
Alameda County, California	688	7.3	1.2	(5.0–9.6)
Contra Costa County, California	542	7.7	1.2	(5.3–10.1)
Los Angeles County, California	2,009	6.3	0.6	(5.1–7.5)
Orange County, California	1,414	4.3	0.6	(3.2–5.4)
Riverside County, California	1,017	6.3	0.8	(4.8–7.8)
Sacramento County, California	732	7.7	1.0	(5.8–9.6)
San Bernardino County, California	895	7.3	0.9	(5.5–9.1)
San Diego County, California	1,589	5.6	0.6	(4.4–6.8)
San Francisco County, California	414	6.7	1.2	(4.3–9.1)
San Mateo County, California	358	4.7	1.0	(2.7–6.7)
Santa Clara County, California	838	4.7	0.9	(3.0–6.4)
Adams County, Colorado	816	6.3	1.0	(4.4–8.2)
Arapahoe County, Colorado	853	6.3	0.9	(4.6–8.0)
Denver County, Colorado	851	6.4	0.9	(4.7–8.1)
Douglas County, Colorado	528	4.2	1.1	(2.0–6.4)
El Paso County, Colorado	956	6.9	0.8	(5.3–8.5)
Jefferson County, Colorado	1,059	5.3	0.6	(4.1–6.5)
Larimer County, Colorado	546	4.4	1.0	(2.5–6.3)
Weld County, Colorado	472	5.4	1.1	(3.3–7.5)
Fairfield County, Connecticut	1,914	3.5	0.4	(2.7–4.3)
Hartford County, Connecticut	1,487	7.3	0.7	(5.9–8.7)
Middlesex County, Connecticut	264	6.0	1.5	(3.0–9.0)
New Haven County, Connecticut	1,640	9.1	1.0	(7.2–11.0)
Tolland County, Connecticut	294	4.8	1.1	(2.6–7.0)
Kent County, Delaware	1,433	8.5	0.8	(6.9–10.1)
New Castle County, Delaware	1,459	6.3	0.7	(5.0–7.6)
Sussex County, Delaware	1,459	7.8	0.7	(6.4–9.2)
District of Columbia	3,828	8.5	0.5	(7.5–9.5)
Broward County, Florida	263	3.7	0.9	(1.9–5.5)
Duval County, Florida	493	8.5	1.4	(5.7–11.3)
Hillsborough County, Florida	277	12.1	2.6	(7.0–17.2)
Miami–Dade County, Florida	265	6.0	1.4	(3.2–8.8)
Orange County, Florida	289	8.7	2.7	(3.5–13.9)
Osceola County, Florida	282	6.7	1.5	(3.8–9.6)
Palm Beach County, Florida	286	7.0	1.6	(3.8–10.2)
Pinellas County, Florida	269	8.7	1.9	(5.0–12.4)
Clayton County, Georgia	246	8.7	2.0	(4.7–12.7)
Cobb County, Georgia	279	3.3	0.9	(1.6–5.0)
DeKalb County, Georgia	302	4.3	1.0	(2.3–6.3)
Fulton County, Georgia	327	3.8	0.8	(2.2–5.4)
Hawaii County, Hawaii	1,484	5.1	0.6	(3.9–6.3)
Honolulu County, Hawaii	2,980	4.8	0.4	(4.0–5.6)
Kauai County, Hawaii	639	4.9	0.8	(3.2–6.6)
Maui County, Hawaii	1,522	5.1	0.6	(3.9–6.3)
Ada County, Idaho	670	4.8	0.8	(3.1–6.5)
Bonneville County, Idaho	385	5.2	1.1	(3.0–7.4)
Canyon County, Idaho	454	8.0	1.9	(4.3–11.7)
Nez Perce County, Idaho	301	7.3	1.5	(4.3–10.3)
Cook County, Illinois	1,880	6.8	0.7	(5.4–8.2)
DuPage County, Illinois	392	4.2	1.1	(2.1–6.3)
Lake County, Illinois	299	4.7	1.4	(1.9–7.5)
Will County, Illinois	299	3.4	1.0	(1.5–5.3)
Allen County, Indiana	497	6.4	1.1	(4.3–8.5)
Lake County, Indiana	959	9.4	1.5	(6.5–12.3)

See table footnotes on page 247.

**TABLE 78. (Continued) Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Marion County, Indiana	1,484	9.3	1.1	(7.2–11.4)
Vanderburgh County, Indiana	254	9.6	2.2	(5.3–13.9)
Linn County, Iowa	516	4.1	0.8	(2.6–5.6)
Polk County, Iowa	797	5.4	0.7	(3.9–6.9)
Scott County, Iowa	366	7.6	1.3	(5.0–10.2)
Butler County, Kansas	444	6.0	1.2	(3.7–8.3)
Douglas County, Kansas	602	3.7	0.6	(2.5–4.9)
Johnson County, Kansas	3,217	4.8	0.4	(4.0–5.6)
Leavenworth County, Kansas	465	8.5	1.6	(5.4–11.6)
Riley County, Kansas	283	2.7	0.7	(1.3–4.1)
Sedgwick County, Kansas	3,014	6.3	0.4	(5.5–7.1)
Shawnee County, Kansas	1,404	7.8	0.8	(6.1–9.5)
Wyandotte County, Kansas	1,075	10.7	1.2	(8.3–13.1)
Jefferson County, Kentucky	1,763	10.1	2.0	(6.1–14.1)
Caddo Parish, Louisiana	435	8.9	1.5	(6.0–11.8)
Calcasieu Parish, Louisiana	603	8.1	1.1	(6.0–10.2)
East Baton Rouge Parish, Louisiana	720	6.7	1.1	(4.6–8.8)
Jefferson Parish, Louisiana	556	8.2	1.4	(5.4–11.0)
Orleans Parish, Louisiana	381	9.2	1.7	(5.9–12.5)
Rapides Parish, Louisiana	455	11.0	1.7	(7.6–14.4)
St. Tammany Parish, Louisiana	427	5.0	0.9	(3.3–6.7)
Terrebonne Parish, Louisiana	298	8.4	1.8	(4.9–11.9)
Cumberland County, Maine	1,330	7.1	0.9	(5.4–8.8)
Kennebec County, Maine	652	9.0	1.2	(6.6–11.4)
Penobscot County, Maine	731	7.8	1.1	(5.7–9.9)
Sagadahoc County, Maine	343	8.0	2.0	(4.1–11.9)
York County, Maine	958	6.0	0.7	(4.5–7.5)
Anne Arundel County, Maryland	556	6.1	1.0	(4.1–8.1)
Baltimore County, Maryland	971	7.9	0.9	(6.1–9.7)
Cecil County, Maryland	246	8.2	1.7	(4.8–11.6)
Charles County, Maryland	312	5.0	1.3	(2.4–7.6)
Frederick County, Maryland	550	6.0	1.0	(4.0–8.0)
Harford County, Maryland	257	9.9	2.5	(4.9–14.9)
Howard County, Maryland	336	3.6	1.0	(1.6–5.6)
Montgomery County, Maryland	1,059	6.6	0.9	(4.9–8.3)
Prince George's County, Maryland	633	6.4	1.0	(4.4–8.4)
Queen Anne's County, Maryland	261	4.2	1.1	(2.0–6.4)
Washington County, Maryland	354	9.2	2.2	(4.9–13.5)
Baltimore City, Maryland	511	13.0	1.6	(9.9–16.1)
Bristol County, Massachusetts	2,846	7.7	0.8	(6.1–9.3)
Essex County, Massachusetts	2,203	6.1	0.7	(4.7–7.5)
Hampden County, Massachusetts	1,537	8.7	1.0	(6.8–10.6)
Hampshire County, Massachusetts	284	4.3	1.2	(2.0–6.6)
Middlesex County, Massachusetts	2,964	4.6	0.4	(3.8–5.4)
Norfolk County, Massachusetts	900	5.9	0.8	(4.4–7.4)
Plymouth County, Massachusetts	629	6.8	1.1	(4.7–8.9)
Suffolk County, Massachusetts	1,729	8.2	0.9	(6.4–10.0)
Worcester County, Massachusetts	1,974	6.6	0.7	(5.2–8.0)
Kent County, Michigan	462	5.1	0.9	(3.3–6.9)
Macomb County, Michigan	523	7.5	1.2	(5.1–9.9)
Oakland County, Michigan	938	6.0	0.8	(4.5–7.5)
Wayne County, Michigan	2,034	9.3	0.8	(7.7–10.9)
Anoka County, Minnesota	292	6.0	1.3	(3.4–8.6)
Dakota County, Minnesota	379	7.3	1.6	(4.2–10.4)
Hennepin County, Minnesota	1,134	7.3	1.0	(5.4–9.2)
Ramsey County, Minnesota	529	9.4	1.7	(6.2–12.6)
DeSoto County, Mississippi	627	5.6	0.9	(3.8–7.4)
George County, Mississippi	376	13.0	2.4	(8.2–17.8)
Hancock County, Mississippi	336	9.1	1.7	(5.8–12.4)
Harrison County, Mississippi	288	12.1	2.2	(7.7–16.5)
Hinds County, Mississippi	505	10.1	1.8	(6.7–13.5)
Jackson County, Mississippi	325	8.6	1.6	(5.5–11.7)
Rankin County, Mississippi	329	6.5	1.4	(3.8–9.2)

See table footnotes on page 247.



**TABLE 78. (Continued) Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Stone County, Mississippi	321	7.4	1.6	(4.3–10.5)
Jackson County, Missouri	486	8.8	1.3	(6.3–11.3)
St. Louis County, Missouri	474	4.6	1.0	(2.6–6.6)
St. Louis City, Missouri	481	9.3	1.5	(6.4–12.2)
Flathead County, Montana	546	6.1	1.2	(3.7–8.5)
Gallatin County, Montana	585	5.1	1.6	(1.9–8.3)
Silver Bow County, Montana	571	8.4	1.5	(5.4–11.4)
Yellowstone County, Montana	572	6.9	1.1	(4.8–9.0)
Adams County, Nebraska	443	6.6	1.1	(4.5–8.7)
Dakota County, Nebraska	703	4.5	0.7	(3.0–6.0)
Douglas County, Nebraska	918	6.6	0.9	(4.9–8.3)
Hall County, Nebraska	588	5.4	0.8	(3.8–7.0)
Lancaster County, Nebraska	777	5.8	0.8	(4.2–7.4)
Lincoln County, Nebraska	490	7.3	1.4	(4.6–10.0)
Madison County, Nebraska	412	5.8	1.1	(3.7–7.9)
Sarpy County, Nebraska	577	3.5	0.8	(2.0–5.0)
Scotts Bluff County, Nebraska	744	6.1	0.9	(4.4–7.8)
Seward County, Nebraska	269	8.9	1.8	(5.3–12.5)
Clark County, Nevada	1,218	7.3	0.8	(5.7–8.9)
Washoe County, Nevada	1,244	7.2	0.9	(5.4–9.0)
Grafton County, New Hampshire	508	6.0	1.1	(3.9–8.1)
Hillsborough County, New Hampshire	1,421	5.9	0.8	(4.4–7.4)
Merrimack County, New Hampshire	630	6.3	1.1	(4.2–8.4)
Rockingham County, New Hampshire	992	5.0	0.7	(3.6–6.4)
Strafford County, New Hampshire	623	8.4	1.4	(5.7–11.1)
Atlantic County, New Jersey	905	7.5	0.9	(5.8–9.2)
Bergen County, New Jersey	609	3.7	0.7	(2.3–5.1)
Burlington County, New Jersey	541	7.8	1.6	(4.7–10.9)
Camden County, New Jersey	598	7.2	1.2	(4.9–9.5)
Cape May County, New Jersey	497	6.1	1.3	(3.6–8.6)
Essex County, New Jersey	1,023	6.0	0.8	(4.5–7.5)
Gloucester County, New Jersey	500	5.1	0.9	(3.3–6.9)
Hudson County, New Jersey	969	6.0	0.9	(4.2–7.8)
Hunterdon County, New Jersey	534	3.7	0.8	(2.2–5.2)
Mercer County, New Jersey	496	6.9	1.4	(4.2–9.6)
Middlesex County, New Jersey	597	4.9	1.0	(3.0–6.8)
Monmouth County, New Jersey	538	7.3	1.3	(4.7–9.9)
Morris County, New Jersey	694	3.8	0.7	(2.4–5.2)
Ocean County, New Jersey	516	7.1	1.1	(5.0–9.2)
Passaic County, New Jersey	492	4.4	0.9	(2.6–6.2)
Somerset County, New Jersey	541	4.4	1.0	(2.5–6.3)
Sussex County, New Jersey	476	6.3	1.2	(4.0–8.6)
Union County, New Jersey	498	5.3	0.9	(3.5–7.1)
Warren County, New Jersey	467	6.9	1.3	(4.4–9.4)
Bernalillo County, New Mexico	1,461	8.8	0.9	(6.9–10.7)
Dona Ana County, New Mexico	730	7.9	1.0	(5.9–9.9)
McKinley County, New Mexico	566	3.9	0.8	(2.3–5.5)
Sandoval County, New Mexico	642	7.0	1.4	(4.2–9.8)
San Juan County, New Mexico	886	4.5	0.6	(3.3–5.7)
Santa Fe County, New Mexico	767	6.2	1.1	(4.1–8.3)
Valencia County, New Mexico	387	7.4	1.3	(4.8–10.0)
Erie County, New York	446	7.9	1.9	(4.2–11.6)
Kings County, New York	442	7.9	1.4	(5.1–10.7)
Monroe County, New York	378	7.0	1.3	(4.5–9.5)
Nassau County, New York	437	5.3	1.1	(3.1–7.5)
New York County, New York	519	5.6	0.9	(3.8–7.4)
Queens County, New York	474	8.0	1.3	(5.5–10.5)
Suffolk County, New York	495	5.1	0.9	(3.3–6.9)
Westchester County, New York	336	5.7	1.5	(2.7–8.7)
Buncombe County, North Carolina	398	8.2	1.4	(5.4–11.0)
Cabarrus County, North Carolina	346	8.1	1.6	(5.0–11.2)
Catawba County, North Carolina	362	9.1	1.5	(6.2–12.0)
Cumberland County, North Carolina	381	9.6	1.6	(6.5–12.7)

See table footnotes on page 247.

**TABLE 78. (Continued) Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Durham County, North Carolina	414	5.7	1.1	(3.5–7.9)
Gaston County, North Carolina	348	11.6	2.0	(7.7–15.5)
Guilford County, North Carolina	425	7.4	1.3	(4.8–10.0)
Henderson County, North Carolina	263	8.9	1.7	(5.5–12.3)
Johnston County, North Carolina	368	9.5	1.7	(6.1–12.9)
Mecklenburg County, North Carolina	611	6.8	1.0	(4.9–8.7)
New Hanover County, North Carolina	412	9.9	2.1	(5.9–13.9)
Orange County, North Carolina	367	4.1	1.0	(2.1–6.1)
Randolph County, North Carolina	352	7.6	1.4	(4.8–10.4)
Union County, North Carolina	363	5.7	1.6	(2.7–8.7)
Wake County, North Carolina	597	5.0	1.1	(2.9–7.1)
Burleigh County, North Dakota	559	5.2	1.4	(2.4–8.0)
Cass County, North Dakota	749	4.0	0.8	(2.4–5.6)
Ward County, North Dakota	462	8.9	1.4	(6.1–11.7)
Cuyahoga County, Ohio	686	8.6	1.3	(6.0–11.2)
Franklin County, Ohio	659	6.9	1.0	(4.9–8.9)
Hamilton County, Ohio	693	7.9	1.0	(5.9–9.9)
Lucas County, Ohio	674	7.3	1.0	(5.3–9.3)
Mahoning County, Ohio	681	9.0	1.2	(6.7–11.3)
Montgomery County, Ohio	672	9.7	1.2	(7.4–12.0)
Stark County, Ohio	678	7.8	1.1	(5.6–10.0)
Summit County, Ohio	674	8.6	1.3	(6.1–11.1)
Canadian County, Oklahoma	267	9.1	1.9	(5.3–12.9)
Cleveland County, Oklahoma	420	5.7	1.1	(3.6–7.8)
Oklahoma County, Oklahoma	1,215	8.7	0.9	(7.0–10.4)
Tulsa County, Oklahoma	1,571	8.0	0.7	(6.6–9.4)
Clackamas County, Oregon	416	5.2	1.1	(3.1–7.3)
Multnomah County, Oregon	632	6.2	0.9	(4.5–7.9)
Washington County, Oregon	427	6.2	1.4	(3.4–9.0)
Allegheny County, Pennsylvania	698	6.2	0.9	(4.3–8.1)
Bucks County, Pennsylvania	302	5.4	1.2	(3.0–7.8)
Delaware County, Pennsylvania	251	6.5	1.6	(3.4–9.6)
Fayette County, Pennsylvania	806	9.6	1.4	(6.9–12.3)
Luzerne County, Pennsylvania	773	8.6	1.2	(6.2–11.0)
Montgomery County, Pennsylvania	391	6.3	1.2	(3.9–8.7)
Philadelphia County, Pennsylvania	484	10.6	1.6	(7.5–13.7)
Westmoreland County, Pennsylvania	251	7.3	1.6	(4.1–10.5)
Kent County, Rhode Island	856	8.3	0.9	(6.5–10.1)
Newport County, Rhode Island	470	6.1	1.3	(3.5–8.7)
Providence County, Rhode Island	3,973	7.2	0.5	(6.2–8.2)
Washington County, Rhode Island	697	4.1	0.7	(2.8–5.4)
Aiken County, South Carolina	458	7.8	1.4	(5.1–10.5)
Beaufort County, South Carolina	681	7.3	1.3	(4.8–9.8)
Berkeley County, South Carolina	361	11.2	2.7	(5.9–16.5)
Charleston County, South Carolina	686	6.5	1.1	(4.3–8.7)
Greenville County, South Carolina	538	9.3	1.9	(5.6–13.0)
Horry County, South Carolina	675	11.0	1.7	(7.7–14.3)
Richland County, South Carolina	733	8.4	1.4	(5.7–11.1)
Minnehaha County, South Dakota	605	6.8	1.3	(4.2–9.4)
Pennington County, South Dakota	782	6.6	0.9	(4.9–8.3)
Davidson County, Tennessee	423	6.3	1.2	(3.9–8.7)
Hamilton County, Tennessee	424	8.7	1.7	(5.4–12.0)
Shelby County, Tennessee	364	7.8	1.4	(5.0–10.6)
Sullivan County, Tennessee	352	9.5	1.6	(6.4–12.6)
Bexar County, Texas	673	7.4	0.9	(5.5–9.3)
Dallas County, Texas	311	3.8	0.9	(2.0–5.6)
El Paso County, Texas	905	6.9	0.9	(5.2–8.6)
Fort Bend County, Texas	680	5.2	1.0	(3.1–7.3)
Harris County, Texas	1,133	5.6	0.7	(4.2–7.0)
Hidalgo County, Texas	532	6.6	1.1	(4.4–8.8)
Lubbock County, Texas	503	6.3	1.2	(4.0–8.6)
Tarrant County, Texas	482	6.1	1.1	(3.9–8.3)
Travis County, Texas	922	5.1	0.9	(3.3–6.9)

See table footnotes on page 247.

**TABLE 78. (Continued) Estimated proportion of adults aged  $\geq 18$  years who required use of special equipment because of health problems, by county — Behavioral Risk Factor Surveillance System, United States, 2009**

County	Sample size	%	SE	(95% CI)
Williamson County, Texas	590	5.8	1.1	(3.7–7.9)
Davis County, Utah	798	5.2	0.8	(3.6–6.8)
Salt Lake County, Utah	3,299	5.9	0.4	(5.1–6.7)
Summit County, Utah	494	1.7	0.5	(0.7–2.7)
Tooele County, Utah	495	6.1	1.1	(3.9–8.3)
Utah County, Utah	1,080	4.2	0.6	(3.0–5.4)
Wasatch County, Utah	527	3.4	0.7	(2.0–4.8)
Weber County, Utah	767	6.1	0.8	(4.4–7.8)
Chittenden County, Vermont	1,398	4.8	0.5	(3.7–5.9)
Franklin County, Vermont	443	4.5	0.8	(3.0–6.0)
Orange County, Vermont	357	7.6	1.4	(4.9–10.3)
Rutland County, Vermont	702	7.2	1.0	(5.3–9.1)
Washington County, Vermont	687	5.0	0.8	(3.5–6.5)
Windsor County, Vermont	641	6.4	1.1	(4.3–8.5)
Benton County, Washington	418	8.5	1.4	(5.8–11.2)
Chelan County, Washington	297	6.7	1.4	(4.0–9.4)
Clark County, Washington	1,124	7.1	0.9	(5.4–8.8)
Douglas County, Washington	266	6.5	1.5	(3.6–9.4)
King County, Washington	3,170	6.4	0.4	(5.6–7.2)
Kitsap County, Washington	927	7.7	0.9	(5.9–9.5)
Pierce County, Washington	1,736	7.4	0.7	(6.1–8.7)
Skamania County, Washington	254	6.4	1.4	(3.7–9.1)
Snohomish County, Washington	1,647	6.9	0.7	(5.5–8.3)
Spokane County, Washington	1,240	8.0	0.9	(6.3–9.7)
Thurston County, Washington	814	7.2	0.9	(5.3–9.1)
Yakima County, Washington	780	8.1	1.1	(6.0–10.2)
Kanawha County, West Virginia	556	9.6	1.3	(7.0–12.2)
Milwaukee County, Wisconsin	594	5.6	1.1	(3.4–7.8)
Fremont County, Wyoming	498	6.8	1.2	(4.5–9.1)
Laramie County, Wyoming	933	7.4	1.0	(5.5–9.3)
Natrona County, Wyoming	768	7.1	0.9	(5.2–9.0)
<i>Median</i>		6.7		
<i>Range</i>		1.7–13.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 79. Selected Healthy People2010 objectives and estimated prevalence ranges for selected indicators, by state, metropolitan and micropolitan statistical area (MMSA), and county — United States, Behavioral Risk Factor Surveillance System, 2009**

Objective No.	Objective	Year 2010 target (%)	Prevalence range for states (%) <sup>*</sup>	Prevalence range for MMSAs (%) <sup>†</sup>	Prevalence range for counties (%) <sup>§</sup>
1.1	Increase the proportion of persons with health insurance <sup>¶</sup>	100	71.4–94.7	52.7–96.3	52.7–97.6
14.29a	Increase the proportion of noninstitutionalized adults aged ≥65 years who were vaccinated annually against influenza	90	26.8–76.8	55.4–81.4	50.5–83.5
14.29b	Increase the proportion of noninstitutionalized adults aged ≥65 years who were ever vaccinated against pneumococcal disease	90	19.1–73.9	52.9–81.3	41.9–82.0
2.15	Increase the proportion of adults aged ≥18 years who had had their blood cholesterol checked within the preceding 5 years	80	67.5–85.3	58.2–88.8	58.2–92.4
22.1	Reduce the proportion of adults aged ≥18 years who engaged in no leisure-time physical activity	20	15.8–45.6	13.4–40.2	10.5–40.2
22.2	Increase the proportion of adults who engage in moderate physical activity for at least 30 minutes per day ≥5 days per week or vigorous physical activity for at least 20 minutes per day for ≥3 days per week <sup>**</sup>	50	28.0–60.7	34.6–64.9	33.6–67.3
22.3	Increase the proportion of adults who engage in vigorous physical activity that promotes the development and maintenance of cardio-respiratory fitness for at least 20 minutes per day for ≥3 days per week	30	13.7–40.1	13.8–43.3	14.2–50.0
27.1a	Reduce cigarette smoking among adults aged ≥18 years	12	6.4–25.6	5.7–29.0	5.6–29.8
26.11c	Reduce the proportion of adults aged ≥18 years who engage in binge drinking in the preceding month <sup>**</sup>	13	6.8–23.9	3.5–23.2	3.4–26.3
19.2	Reduce the proportion of adults aged ≥20 years who were obese (BMI <sup>††</sup> ≥30 kg/m <sup>2</sup> )	15	19.9–33.5	14.8–37.6	13.8–37.6
12.9	Reduce the proportion of adults aged ≥20 years with high blood pressure <sup>**</sup>	14	24.9–42.2	27.5–47.9	26.7–51.4
12.14	Reduce the proportion of adults aged ≥20 years with high total blood cholesterol	17	27.9–43.2	29.1–48.5	26.1–50.7

**Abbreviation:** BMI = body mass index.

**Source:** US Department of Health and Human Services. Healthy people 2010. With understanding and improving health. Washington, DC: US Department of Health and Human Services; 2000. Available at <http://www.healthypeople.gov>.

<sup>\*</sup> Certain objectives might differ slightly from BRFSS definitions. BRFSS prevalence estimates are not age-adjusted.

<sup>†</sup> Selected 180 metropolitan and micropolitan statistical areas and metropolitan divisions.

<sup>§</sup> Selected 283 counties.

<sup>¶</sup> Baseline measured insurance coverage among persons aged <65 years, based on 1997 National Health Survey data.

<sup>\*\*</sup> Revised target. **Source:** CDC. Data 2010: the Healthy People 2010 database. Atlanta GA: US Department of Health and Human Services, CDC; 2008. Available at <http://wonder.cdc.gov/data2010/focus.htm>.

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## Surveillance Summaries

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